CBS Corporation

Environmental Remediation
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Via Electronic and First-Class Mail

July 22, 2016

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 1 through June 30, 2016
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 during the second quarter of 2016 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 seventh round of post-closure groundwater and storm sewer (surface water) monitoring.

1. Site Activities and Status

A. On April 29, 2016, CBS submitted to NYSDEC a progress report on the status of activities at the Site during the first quarter of 2016 (*i.e.*, January 1 through March 31, 2016).

B. On June 23, 2016, GHD Services, Inc. (GHD) conducted the seventh round of quarterly post-closure groundwater and storm sewer (surface water) sampling.

C. TestAmerica Laboratories, Inc. (TestAmerica) completed the analyses of the groundwater and storm sewer (surface water) samples that were collected on June 23, 2016. GHD conducted data validation and usability evaluations.

2. Sampling Results and Other Site Data

A. Table 1 presents groundwater elevations over the course of post-closure groundwater monitoring, including the most recent (June 23, 2016) measurements. Historical data from April 2008 and June 2011 are also included in this table for reference.

B. Table 2 presents the results of the groundwater sampling over the course of post-closure monitoring, including the most recent (June 23, 2016) sampling. Monitoring well sampling locations are shown in Figure 1.

C. As shown in Table 2, except for vinyl chloride at well MW-32, none of the monitored volatile organic compounds (VOCs) or metals was detected in the June 2016 sampling at concentrations above their respective remedial action objectives. Well MW-32 historically exhibited elevated VOC concentrations, and groundwater at this location was the focus of an *in situ* chemical oxidation treatment program that resulted in substantial decreases in VOC concentrations. Well MW-32 was not within the zone of influence of the former groundwater collection and treatment system.

D. Tables 3 through 5 present the results of the June 2016 surface water sampling over the course of post-closure monitoring, including the most recent (June 23, 2016) sampling. The table also includes the results of pre-closure sampling conducted in 2008 and 2009 and baseline sampling collected in July 2014. Manhole and catch basin sampling locations are shown in Figure 1.

E. The results presented in Tables 3 through 5 are summarized as follows:

- Metals concentrations (*i.e.*, cadmium, chromium, and lead) are generally low in all areas, with only sporadic higher concentrations typically corresponding to samples with high total suspended solids.

- Low VOC concentrations are evident in the area of the 001 segment of the former collection system (*i.e.*, Manholes MH-1A, MH-1B, and MH-1C) and the western portion of the 003 segment (*i.e.*, Manholes MH-3B and MH-3C).

- Higher VOC concentrations are present in the area of the 002 segment (*i.e.*, Manholes MH-2A through MH-2D) and the eastern portion of the 003 segment (*i.e.*, Manhole MH-3A), but overall VOC concentrations are stable or trending downward.

F. Attachments A and B provide the analytical laboratory reports for the groundwater and storm sewer samples, respectively, collected in June 2016.

G. Attachment C provides the data validation and usability evaluation for the samples collected in June 2016.

3. Upcoming Activities

A. CBS will complete the eighth round of 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.[1]

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: Christine D'Aloise, NFTA
Clair Quadri
M. G. Graham, Esq.
K. P. Lynch, CRA
S. J. Ricca, Esq.
W. D. Wall, Esq.

[1] The EDD for the June 2016 groundwater and surface water sampling data was submitted to NYSDEC on July 15, 2016.

TABLES

Table 1
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)										
04/24/08	NM	2.91	5.94	5.33	3.18	NM	NM	3.51	5.4	NM
06/14/11	7.10	2.81	5.86	4.82	4.05	1.60	5.04	3.78	6.23	13.29
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
09/10/15	7.34	2.60	5.89	5.82	3.88	1.48	5.22	3.80	5.22	13.69
12/10/15	7.50	2.67	5.95	5.74	5.39	1.37	5.40	3.77	5.18	13.62
03/17/16	6.64	2.39	5.77	4.42	3.51	0.55	4.89	2.97	2.40	12.68
06/23/16	7.40	3.52	5.94	6.53	2.71	0.93	5.31	3.90	3.11	13.81
Groundwater Elevation (ft-msl)										
04/24/08	NA	683.02	682.33	689.48	684.04	NA	NA	699.42	696.39	NA
06/14/11	684.71	683.12	682.41	689.99	683.17	709.11	707.46	699.15	695.56	685.17
11/24/14	685.53	684.03	682.77	689.64	683.76	710.46	707.39	699.56	701.54	685.55
04/01/15	684.94	683.34	682.42	690.89	682.21	710.27	707.32	700.28	701.73	686.24
06/18/15	685.11	683.63	682.51	691.49	683.90	709.75	707.48	700.03	698.41	685.56
09/10/15	684.47	683.33	682.38	688.99	683.34	709.23	707.28	699.13	696.57	684.77
12/10/15	684.31	683.26	682.32	689.07	681.83	709.34	707.10	699.16	696.61	684.84
03/17/16	685.17	683.54	682.50	690.39	683.71	710.16	707.61	699.96	699.39	685.78
06/23/16	684.41	682.41	682.33	688.28	684.51	709.78	707.19	699.03	698.68	684.65

Notes:

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

Table 2
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
	09/10/15	**0.32 J**	1 U	1 U	1 U	1 U	5 U	10 U
	12/10/15	**0.75 J**	1 U	1 U	1 U	**0.76 J**	5 U	20 U
	03/17/16	**0.32 J**	1 U	1 U	1 U	1 U	**0.27 J**	20 U
	06/23/16	**0.51 J**	1 U	1 U	1 U	**0.66 J**	5 U	**5.2 J**
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**
	09/10/15	1 U	1 U	1 U	**0.80 J**	1 U	5 U	10 U
	12/10/15	1 U	1 U	1 U	**1.3**	1 U	5 U	10 U
	03/17/16	1 U	1 U	1 U	**1.1**	1 U	5 U	10 U
	06/23/16	1 U	1 U	1 U	1 U	1 U	5 U	20 U
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**
	09/10/15	1 U	1 U	1 U	1 U	1 U	5 U	**4.9 J**
	12/10/15	1 U	1 U	1 U	1 U	1 U	5 U	**5.3 J**
	03/17/16	1 U	1 U	1 U	1 U	1 U	5 U	**4.8 J**
	06/23/16	1 U	1 U	1 U	1 U	1 U	5 U	20 U

Table 2
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-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
	09/10/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	12/10/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	03/17/16	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	06/23/16	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
	09/10/15	1 U	1 U	1 U	1 U	1 U	5 U	20 U
	12/10/15	1 U	1 U	1 U	1 U	1 U	5 U	20 U
	03/17/16	1 U	1 U	1 U	1 U	1 U	5 U	20 U
	06/23/16	1 U	1 U	1 U	**0.77 J**	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
	09/10/15	**4.5**	1 U	1 U	**0.65 J**	**7.4**	5 U	10 U
	09/10/15 (dup)	**4.5**	1 U	1 U	**0.61 J**	**6.4**	5 U	10 U
	12/10/15	**4.5**	1 U	1 U	**0.49 J**	**4.3**	5 U	10 U
	12/10/15 (dup)	**4.6**	1 U	1 U	**0.49 J**	**4.1**	5 U	10 U
	03/17/16	**3.5**	1 U	1 U	**0.30 J**	**5.6**	5 U	10 U
	06/23/16	**3.1**	1 U	1 U	**0.32 J**	**2.2**	5 U	10 U
	06/23/16 (dup)	**3.2**	1 U	1 U	**0.33 J**	**2.2**	5 U	10 U

Table 2
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-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
	09/10/15	1 U	1 U	1 U	**0.18 J**	1 U	5 U	10 U
	12/10/15	1 U	1 U	1 U	**0.18 J**	1 U	5 U	10 U
	03/17/16	1 U	1 U	1 U	**0.20 J**	1 U	5 U	10 U
	06/23/16	1 U	1 U	1 U	1 U	1 U	5 U	10 U
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**
	09/10/15	1 U	1 U	1 U	1 U	1 U	5 U	**2.0 J**
	12/10/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	03/17/16	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	06/23/16	1 U	1 U	1 U	1 U	1 U	5 U	10 U
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
	09/10/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	12/10/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	03/17/16	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	06/23/16	1 U	1 U	1 U	1 U	1 U	5 U	10 U

Table 2
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-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
	09/10/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	12/10/15	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	03/17/16	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	03/17/16 (dup)	1 U	1 U	1 U	1 U	1 U	5 U	10 U
	06/23/16	1 U	1 U	1 U	1 U	1 U	5 U	10 U

Data Legend:
"NA" - indicates not analyzed
Concentrations above Remedial Action Objectives are highlighted in yellow.
For clarity, the results of the most-recent sampling round are highlighted in light green.
Data qualifiers:
U - not detected at indicated reporting limit (RL)
J - estimated concentration.
B - analyte detected in corresponding blank sample.

Table 3
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	12/18/08	NA	NA	NA	NA	NA	1 U	1 U	1 U	**0.21 J**	**0.71 J**	1 U	NA
	04/16/09	NA	NA	**1.3 J**	**3.0 J**	**6.1**	1 U	1 U	1 U	**0.20 J**	**0.94 J**	1 U	1 U
	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
	09/10/15	**7.90 J**	**3.6**	**1.3 J**	5 U	**2.2 J**	1 U	1 U	1 U	1 U	**1.0**	1 U	1 U
	12/10/15	**7.64 J**	**6.3**	**3.8 J**	**1.5 J**	**2.0 J**	1 U	1 U	1 U	1 U	**1.7**	**0.20 J**	1 U
	03/17/16	**7.91 J**	**7.7**	**1.5 J**	**1.0 J**	10 U	1 U	1 U	1 U	1 U	**1.3**	**0.17 J**	1 U
	06/23/16	**7.84 J**	**350**	**2.6 J**	**5.7**	**9.2 J**	1 U	1 U	1 U	1 U	**0.98 J**	1 U	1 U
MH-1B	04/16/09	NA	NA	**1.3 J**	5 U	3 U	1 U	1 U	1 U	**0.26 J**	1 U	**0.23 J**	1 U
	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
	09/10/15	**8.16 J**	**1.1**	5 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	12/10/15	**7.90 J**	**1.2**	5 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	03/17/16	**8.08 J**	**0.8**	5 U	**1.1 J**	10 U	1 U	**0.66 J**	1 U	1 U	1 U	**0.45 J**	1 U
	06/23/16	**8.13 J**	**4.0**	5 U	**0.84 J**	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3
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-1C	04/16/09	NA	NA	5 U	5 U	3 U	1 U	1 U	1 U	**0.20 J**	1 U	1 U	1 U
	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
	09/10/15	**8.29 J**	**1.5**	5 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	12/10/15	**8.19 J**	**54**	5 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	03/17/16	**8.25 J**	**180**	5 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	06/23/16	**8.06 J**	**13**	**0.20 J**	**1.4 J**	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 4
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	12/18/08	NA	NA	NA	NA	NA	1 U	**30**	1 U	1 U	**0.88 J**	**42**	NA
	04/16/09	NA	NA	5 U	5 U	3 U	1 U	**20**	1 U	1 U	1 U	**49**	1 U
	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
	09/10/15	**8.29 J**	**1.2**	5 U	5 U	**2.6 J**	1 U	**4.0**	1 U	1 U	**0.55 J**	**16**	1 U
	12/10/15	**7.89 J**	**2.9**	5 U	**1.5 J**	**2.2 J**	1 U	**13**	1 U	1 U	**2.7**	**25**	1 U
	03/17/16	**8.25 J**	0.5 U	5 U	**2.5 J**	10 U	5 U	**18**	5 U	5 U	5 U	**93**	5 U
	06/23/16	**8.09 J**	**1.4**	5 U	**1.7 J**	10 U	5 U	**2.6 J**	5 U	5 U	5 U	**11**	5 U
MH-2B	12/18/08	NA	NA	NA	NA	NA	1 U	**36**	1 U	**0.36 J**	**15**	**75**	NA
	04/16/09	NA	NA	5 U	**5.3**	**4.8**	1 U	**52**	1 U	**0.39 J**	**19**	**150**	1 U
	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**
	09/10/15	**11.6 J**	**39**	5 U	**5.0**	**11**	2 U	**29**	1 U	2 U	**9.4**	**59**	**1.0 J**
	12/10/15	**11.6 J**	**57**	5 U	**5.2**	**8.4 J**	5 U	**33**	5 U	5 U	**8.6**	**58**	5 U
	03/17/16	**11.0 J**	**100**	5 U	**6.6**	**2.2 J**	3 U	**26**	3 U	3 U	**7.5**	**52**	**0.84 J**
	06/23/16	**11.2 J**	**260**	5 U	**7.3**	**18**	3 U	**18**	3 U	3 U	**4.7**	**28**	3 U

Table 4
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-2C	04/16/09	NA	NA	5 U	**3.2 J**	3 U	1 U	**12**	1 U	1 U	**5.4**	**34**	1 U
	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**
	09/10/15	**11.7 J**	**22**	5 U	**2.6 J**	**6.6 J**	1 U	**25**	1 U	1 U	**8.9**	**56**	**0.77 J**
	09/10/15	**11.7 J**	**20**	5 U	**2.5 J**	**6.4 J**	1 U	**25**	1 U	1 U	**8.8**	**56**	**0.76 J**
	12/10/15	**11.7 J**	**11**	5 U	**3.2 J**	**3.6 J**	3 U	**37**	3 U	3 U	**9.2**	**69**	**1.1 J**
	12/10/15	**11.6 J**	**6.8**	5 U	**2.7 J**	**4.6 J**	3 U	**36**	3 U	3 U	**9.5**	**68**	**1.1 J**
	03/17/16	**11.0 J**	**55**	5 U	**6.5**	10 U	1 U	**19 J**	1 U	1 U	**6.8**	**37 J**	**1.1**
	06/23/16	**11.6 J**	**18**	5 U	**4.6 J**	**4.4 J**	5 U	**23**	5 U	5 U	**5.4**	**50**	5 U
	06/23/16	**11.6 J**	**18**	5 U	**0.96 J**	20 U	2 U	**38**	2 U	2 U	**8.6**	**61**	**1.1 J**
MH-2D	04/16/09	NA	NA	**0.52 J**	**29**	**52**	1 U	**20**	1 U	**0.15 J**	1 U	**71**	1 U
	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**
	09/10/15	**8.14 J**	**24**	5 U	5 U	10 U	1 U	**5.7**	1 U	1 U	**0.75 J**	**24**	1 U
	12/10/15	**7.85 J**	**120**	5 U	**3.2 J**	**2.1 J**	1 U	**25**	1 U	1 U	**4.4**	**46**	**0.26 J**
	03/17/16	**8.34 J**	**1,300**	**0.41 J**	**35**	**49**	5 U	**23**	5 U	5 U	5 U	**130**	5 U
	06/23/16	**8.13 J**	**81**	**0.080 J**	**4.0 J**	**5.6 J**	1 U	**4.4**	1 U	1 U	1 U	**19**	1 U

See notes and data legend on following page.

Table 4
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 5
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	12/18/08	NA	NA	NA	NA	NA	2.5 U	**37**	3 U	3 U	**1.2 J**	**160**	NA
	04/16/09	NA	NA	5 U	**11.5**	3 U	12 U	**63**	12 U	12 U	12 U	**450**	12 U
	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**
	09/10/15	**9.55 J**	**19**	5 U	**2.7 J**	**4.5 J**	2 U	**16**	1 U	2 U	**2.0**	**64**	**1.6 J**
	12/10/15	**9.44 J**	**64**	5 U	**3.5 J**	**4.8 J**	5 U	**30**	5 U	5 U	**1.7 J**	**84**	**1.5 J**
	03/17/16	**8.94 J**	**330**	5 U	**13**	**6.5 J**	5 U	**20**	5 U	5 U	5 U	**77**	5 U
	06/23/16	**9.47 J**	**17**	5 U	**4.0 J**	10 U	3 U	**22**	3 U	3 U	**2.0 J**	**67**	**1.2 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
	09/10/15	**7.52 J**	**150**	5 U	**4.6 J**	**3.7 J**	1 U	1 U	1 U	1 U	1 U	**1.7**	1 U
	12/10/15	**7.22 J**	**14**	5 U	**1.6 J**	**2.1 J**	1 U	1 U	1 U	1 U	1 U	**0.22 J**	1 U
	03/17/16	**8.20 J**	**11**	5 U	**5.2**	**4.7 J**	1 U	1 U	1 U	1 U	1 U	**0.21 J**	1 U
	06/23/16	**7.72 J**	**23**	5 U	**17**	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

Table 5
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-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
	09/10/15	**7.62 J**	**320**	5 U	**9.0**	**9.9 J**	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	12/10/15	**7.14 J**	**72**	5 U	**1.9 J**	**3.3 J**	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	03/17/16	**8.10 J**	**170 J**	5 U	**13**	**15**	1 U	1 U	1 U	**0.18 J**	1 U	**0.18 J**	1 U
	03/17/16	**7.84 J**	**660 J**	**0.32 J**	**16**	**21**	1 U	1 U	1 U	**0.16 J**	1 U	**0.14 J**	1 U
	06/23/16	**7.44 J**	**240**	5 U	**14**	**9.5 J**	5 U	5 U	5 U	5 U	5 U	5 U	5 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

LEGEND

CSMH FORCEMAINS
CSMH-001 SYSTEM
CSMH-002 SYSTEM
CSMH-003 SYSTEM
NFTA STORM SEWER
2A STORM WATER SAMPLING LOCATION

MH-001-10
MH-001-06
MH-001-13
MH-001-03 COULD NOT BE LOCATED
MH-001-02
MH-001-03
MH-001-14
MW-34
MW-34D
MH-002-13
MH-002-12
MH-002-10
MH-002-09
MH-002-15
MH-002-05
MH-002-07
MH-002-03
MH-002-02
MH002-01
CSMH-002
MW-31
MW-30
MH001-01
CSMH-001
MH-003-07
MH-003-04
MH-003-03
ACCESS MANHOLE
CSMH-003
MH003-01
MW-5
MH-003-02
PARKING
LONG TERM PARKING
EAST ENTRANCE/EXIT
GENESEE STREET
1A
1B
1C
2A
2B
2C
2D
3A
3B
3C
N
0 50 150ft

figure 1

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

18036-2014(BRAU001)GN-NI001 AUG 7/2014

ATTACHMENT A

ANALYTICAL LABORATORY REPORT
JUNE 2016 GROUNDWATER SAMPLING

Groundwater Sampling Key
June 23, 2016
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well No.	Sample No.
MW-34D	WG-18036-062316-SG-001
MW-34	WG-18036-062316-SG-002
MW-30	WG-18036-062316-SG-003
MW-35	WG-18036-062316-SG-004
MW-33	WG-18036-062316-SG-005
MW-2	WG-18036-062316-SG-006
MW-32	WG-18036-062316-SG-007
MW-28	WG-18036-062316-SG-008
MW-32 (dup)	WG-18036-062316-SG-009
MW-31	WG-18036-062316-SG-010
MW-5	WG-18036-062316-SG-011
Trip Blank	TB-18036-062316-SG

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: 180-55990-1
Client Project/Site: Buffalo Airport

For:
Brausch Environmental LLC
5318 Alexa Road
Charlotte, North Carolina 28277

Attn: Leo Brausch

Authorized for release by:
6/30/2016 1:54:04 PM

Jill Colussy, Project Manager I
(412)963-2444
jill.colussy@testamericainc.com

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Job ID: 180-55990-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-55990-1

Receipt
The samples were received on 6/24/2016 8:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.9º C, 3.8º C and 4.4º C.

The chain of custody did not list a sampling time for TB-18036-062316-SG. Since this sample was a TRIP BLANK the earliest sample time was logged in. One of vials for this sample was received with head-space.

The chain of custody listed a sampling time of 11:00 for sample WG-18036-062316-SG-006. The metals bottle for this sample listed a sampling time of 10:15. The VOA vials for this sample had a sampling time of 11:00. The sampling time was logged in off of the chain of custody.

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

Metals
Due to sample matrix effect on the internal standard (ISTD); indium was suppressed; samples WG-18036-062316-SG-008 (180-55990-8) and WG-18036-062316-SG-011 (180-55990-11) were analyzed at a dilution for lead. The reporting limits have been adjusted according

Definitions/Glossary

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55990-1

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.
¤	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: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55990-1

Laboratory: TestAmerica Pittsburgh

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	11182	03-31-17

Sample Summary

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55990-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-55990-1	WG-18036-062316-SG-001	Water	06/23/16 08:40	06/24/16 08:50
180-55990-2	WG-18036-062316-SG-002	Water	06/23/16 08:40	06/24/16 08:50
180-55990-3	WG-18036-062316-SG-003	Water	06/23/16 09:55	06/24/16 08:50
180-55990-4	WG-18036-062316-SG-004	Water	06/23/16 09:35	06/24/16 08:50
180-55990-5	WG-18036-062316-SG-005	Water	06/23/16 11:05	06/24/16 08:50
180-55990-6	WG-18036-062316-SG-006	Water	06/23/16 11:00	06/24/16 08:50
180-55990-7	WG-18036-062316-SG-007	Water	06/23/16 12:05	06/24/16 08:50
180-55990-8	WG-18036-062316-SG-008	Water	06/23/16 11:55	06/24/16 08:50
180-55990-9	WG-18036-062316-SG-009	Water	06/23/16 12:05	06/24/16 08:50
180-55990-10	WG-18036-062316-SG-010	Water	06/23/16 13:05	06/24/16 08:50
180-55990-11	WG-18036-062316-SG-011	Water	06/23/16 13:55	06/24/16 08:50
180-55990-12	TB-18036-062316-SG	Water	06/23/16 08:40	06/24/16 08:50

Method Summary

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55990-1

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: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55990-1

Client Sample ID: WG-18036-062316-SG-001

Lab Sample ID: 180-55990-1
Date Collected: 06/23/16 08:40
Matrix: Water
Date Received: 06/24/16 08:50

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	180393	06/29/16 10:23	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 09:50	RJR	TAL PIT
	Instrument ID: Q									

Client Sample ID: WG-18036-062316-SG-002

Lab Sample ID: 180-55990-2
Date Collected: 06/23/16 08:40
Matrix: Water
Date Received: 06/24/16 08:50

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	180393	06/29/16 10:47	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 09:56	RJR	TAL PIT
	Instrument ID: Q									

Client Sample ID: WG-18036-062316-SG-003

Lab Sample ID: 180-55990-3
Date Collected: 06/23/16 09:55
Matrix: Water
Date Received: 06/24/16 08:50

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	180561	06/30/16 00:20	DLF	TAL PIT
	Instrument ID: CHHP6									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 10:01	RJR	TAL PIT
	Instrument ID: Q									

Client Sample ID: WG-18036-062316-SG-004

Lab Sample ID: 180-55990-4
Date Collected: 06/23/16 09:35
Matrix: Water
Date Received: 06/24/16 08:50

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	180561	06/29/16 15:02	DLF	TAL PIT
	Instrument ID: CHHP6									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 10:07	RJR	TAL PIT
	Instrument ID: Q									

Lab Chronicle

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55990-1

Client Sample ID: WG-18036-062316-SG-005

Lab Sample ID: 180-55990-5
Date Collected: 06/23/16 11:05
Matrix: Water
Date Received: 06/24/16 08:50

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	180561	06/30/16 00:45	DLF	TAL PIT
	Instrument ID: CHHP6									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 10:29	RJR	TAL PIT
	Instrument ID: Q									

Client Sample ID: WG-18036-062316-SG-006

Lab Sample ID: 180-55990-6
Date Collected: 06/23/16 11:00
Matrix: Water
Date Received: 06/24/16 08:50

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	180567	06/29/16 16:48	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 10:34	RJR	TAL PIT
	Instrument ID: Q									

Client Sample ID: WG-18036-062316-SG-007

Lab Sample ID: 180-55990-7
Date Collected: 06/23/16 12:05
Matrix: Water
Date Received: 06/24/16 08:50

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	180567	06/29/16 17:12	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 10:40	RJR	TAL PIT
	Instrument ID: Q									

Client Sample ID: WG-18036-062316-SG-008

Lab Sample ID: 180-55990-8
Date Collected: 06/23/16 11:55
Matrix: Water
Date Received: 06/24/16 08:50

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	180567	06/29/16 17:36	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 10:56	RJR	TAL PIT
	Instrument ID: Q									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		2	50 mL	50 mL	180485	06/28/16 13:31	RJR	TAL PIT
	Instrument ID: Q									

Lab Chronicle

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55990-1

Client Sample ID: WG-18036-062316-SG-009

Lab Sample ID: 180-55990-9
Date Collected: 06/23/16 12:05
Matrix: Water
Date Received: 06/24/16 08:50

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	180567	06/29/16 18:24	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 11:02	RJR	TAL PIT
	Instrument ID: Q									

Client Sample ID: WG-18036-062316-SG-010

Lab Sample ID: 180-55990-10
Date Collected: 06/23/16 13:05
Matrix: Water
Date Received: 06/24/16 08:50

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	180567	06/29/16 18:48	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 11:08	RJR	TAL PIT
	Instrument ID: Q									

Client Sample ID: WG-18036-062316-SG-011

Lab Sample ID: 180-55990-11
Date Collected: 06/23/16 13:55
Matrix: Water
Date Received: 06/24/16 08:50

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	180567	06/29/16 19:12	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 11:14	RJR	TAL PIT
	Instrument ID: Q									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		2	50 mL	50 mL	180422	06/28/16 11:46	RJR	TAL PIT
	Instrument ID: Q									

Client Sample ID: TB-18036-062316-SG

Lab Sample ID: 180-55990-12
Date Collected: 06/23/16 08:40
Matrix: Water
Date Received: 06/24/16 08:50

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	180561	06/29/16 15:26	DLF	TAL PIT
	Instrument ID: CHHP6									

Laboratory References:

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

Lab Chronicle

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55990-1

Analyst References:

Lab: TAL PIT

Batch Type: Prep

ANA = Alexis Anderson

Batch Type: Analysis

DLF = Donald Ferguson

RJR = Ron Rosenbaum

Client Sample ID: WG-18036-062316-SG-001

Lab Sample ID: 180-55990-1

Date Collected: 06/23/16 08:40

Matrix: Water

Date Received: 06/24/16 08:50

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	0.22	ug/L			06/29/16 10:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 10:23	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 10:23	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 10:23	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*58 - 135*		*06/29/16 10:23*	*1*
4-Bromofluorobenzene (Surr)	*101*		*62 - 123*		*06/29/16 10:23*	*1*
Dibromofluoromethane (Surr)	*123*		*64 - 128*		*06/29/16 10:23*	*1*
Toluene-d8 (Surr)	*108*		*71 - 118*		*06/29/16 10:23*	*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	0.057	ug/L		06/27/16 07:48	06/28/16 09:50	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 09:50	1

Client Sample ID: WG-18036-062316-SG-002

Lab Sample ID: 180-55990-2

Date Collected: 06/23/16 08:40

Matrix: Water

Date Received: 06/24/16 08:50

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	0.22	ug/L			06/29/16 10:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 10:47	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 10:47	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 10:47	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*58 - 135*		*06/29/16 10:47*	*1*
4-Bromofluorobenzene (Surr)	*96*		*62 - 123*		*06/29/16 10:47*	*1*
Dibromofluoromethane (Surr)	*119*		*64 - 128*		*06/29/16 10:47*	*1*
Toluene-d8 (Surr)	*110*		*71 - 118*		*06/29/16 10:47*	*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	0.057	ug/L		06/27/16 07:48	06/28/16 09:56	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 09:56	1

Client Sample ID: WG-18036-062316-SG-003

Lab Sample ID: 180-55990-3

Date Collected: 06/23/16 09:55

Matrix: Water

Date Received: 06/24/16 08:50

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	0.22	ug/L			06/30/16 00:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/30/16 00:20	1
Toluene	1.0	U	1.0	0.28	ug/L			06/30/16 00:20	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/30/16 00:20	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/30/16 00:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 135*		*06/30/16 00:20*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 123*		*06/30/16 00:20*	*1*
Dibromofluoromethane (Surr)	*94*		*64 - 128*		*06/30/16 00:20*	*1*
Toluene-d8 (Surr)	*107*		*71 - 118*		*06/30/16 00:20*	*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	0.057	ug/L		06/27/16 07:48	06/28/16 10:01	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 10:01	1

Client Sample ID: WG-18036-062316-SG-004

Lab Sample ID: 180-55990-4

Date Collected: 06/23/16 09:35

Matrix: Water

Date Received: 06/24/16 08:50

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	0.22	ug/L			06/29/16 15:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 15:02	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 15:02	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 15:02	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 135*		*06/29/16 15:02*	*1*
4-Bromofluorobenzene (Surr)	*106*		*62 - 123*		*06/29/16 15:02*	*1*
Dibromofluoromethane (Surr)	*96*		*64 - 128*		*06/29/16 15:02*	*1*
Toluene-d8 (Surr)	*110*		*71 - 118*		*06/29/16 15:02*	*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	0.057	ug/L		06/27/16 07:48	06/28/16 10:07	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 10:07	1

Client Sample ID: WG-18036-062316-SG-005

Lab Sample ID: 180-55990-5

Date Collected: 06/23/16 11:05

Matrix: Water

Date Received: 06/24/16 08:50

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	0.22	ug/L			06/30/16 00:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/30/16 00:45	1
Toluene	1.0	U	1.0	0.28	ug/L			06/30/16 00:45	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/30/16 00:45	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/30/16 00:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 135*		*06/30/16 00:45*	*1*
4-Bromofluorobenzene (Surr)	*105*		*62 - 123*		*06/30/16 00:45*	*1*
Dibromofluoromethane (Surr)	*97*		*64 - 128*		*06/30/16 00:45*	*1*
Toluene-d8 (Surr)	*109*		*71 - 118*		*06/30/16 00:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.057	ug/L		06/27/16 07:48	06/28/16 10:29	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 10:29	1

Client Sample ID: WG-18036-062316-SG-006

Lab Sample ID: 180-55990-6
Date Collected: 06/23/16 11:00
Matrix: Water
Date Received: 06/24/16 08:50

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	0.22	ug/L			06/29/16 16:48	1
cis-1,2-Dichloroethene	**0.51**	**J**	1.0	0.29	ug/L			06/29/16 16:48	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 16:48	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 16:48	1
Vinyl chloride	**0.66**	**J**	1.0	0.32	ug/L			06/29/16 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*58 - 135*		*06/29/16 16:48*	*1*
4-Bromofluorobenzene (Surr)	*89*		*62 - 123*		*06/29/16 16:48*	*1*
Dibromofluoromethane (Surr)	*109*		*64 - 128*		*06/29/16 16:48*	*1*
Toluene-d8 (Surr)	*107*		*71 - 118*		*06/29/16 16:48*	*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	0.057	ug/L		06/27/16 07:48	06/28/16 10:34	1
Lead	**5.2**	**J**	10	2.7	ug/L		06/27/16 07:48	06/28/16 10:34	1

Client Sample ID: WG-18036-062316-SG-007

Lab Sample ID: 180-55990-7
Date Collected: 06/23/16 12:05
Matrix: Water
Date Received: 06/24/16 08:50

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	0.22	ug/L			06/29/16 17:12	1
cis-1,2-Dichloroethene	**3.1**		1.0	0.29	ug/L			06/29/16 17:12	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 17:12	1
Trichloroethene	**0.32**	**J**	1.0	0.26	ug/L			06/29/16 17:12	1
Vinyl chloride	**2.2**		1.0	0.32	ug/L			06/29/16 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*58 - 135*		*06/29/16 17:12*	*1*
4-Bromofluorobenzene (Surr)	*93*		*62 - 123*		*06/29/16 17:12*	*1*
Dibromofluoromethane (Surr)	*105*		*64 - 128*		*06/29/16 17:12*	*1*
Toluene-d8 (Surr)	*105*		*71 - 118*		*06/29/16 17:12*	*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	0.057	ug/L		06/27/16 07:48	06/28/16 10:40	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 10:40	1

Client Sample ID: WG-18036-062316-SG-008

Lab Sample ID: 180-55990-8
Date Collected: 06/23/16 11:55
Matrix: Water
Date Received: 06/24/16 08:50

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	0.22	ug/L			06/29/16 17:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 17:36	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 17:36	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 17:36	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 17:36	1

Client Sample ID: WG-18036-062316-SG-008

Lab Sample ID: 180-55990-8
Date Collected: 06/23/16 11:55
Matrix: Water
Date Received: 06/24/16 08:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*58 - 135*		*06/29/16 17:36*	*1*
4-Bromofluorobenzene (Surr)	*88*		*62 - 123*		*06/29/16 17:36*	*1*
Dibromofluoromethane (Surr)	*109*		*64 - 128*		*06/29/16 17:36*	*1*
Toluene-d8 (Surr)	*110*		*71 - 118*		*06/29/16 17:36*	*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	0.057	ug/L		06/27/16 07:48	06/28/16 10:56	1
Lead	20	U	20	5.4	ug/L		06/27/16 07:48	06/28/16 13:31	2

Client Sample ID: WG-18036-062316-SG-009

Lab Sample ID: 180-55990-9
Date Collected: 06/23/16 12:05
Matrix: Water
Date Received: 06/24/16 08:50

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	0.22	ug/L			06/29/16 18:24	1
cis-1,2-Dichloroethene	**3.2**		1.0	0.29	ug/L			06/29/16 18:24	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 18:24	1
Trichloroethene	**0.33**	**J**	1.0	0.26	ug/L			06/29/16 18:24	1
Vinyl chloride	**2.2**		1.0	0.32	ug/L			06/29/16 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*58 - 135*		*06/29/16 18:24*	*1*
4-Bromofluorobenzene (Surr)	*90*		*62 - 123*		*06/29/16 18:24*	*1*
Dibromofluoromethane (Surr)	*107*		*64 - 128*		*06/29/16 18:24*	*1*
Toluene-d8 (Surr)	*107*		*71 - 118*		*06/29/16 18:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.057	ug/L		06/27/16 07:48	06/28/16 11:02	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 11:02	1

Client Sample ID: WG-18036-062316-SG-010

Lab Sample ID: 180-55990-10
Date Collected: 06/23/16 13:05
Matrix: Water
Date Received: 06/24/16 08:50

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	0.22	ug/L			06/29/16 18:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 18:48	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 18:48	1
Trichloroethene	**0.77**	**J**	1.0	0.26	ug/L			06/29/16 18:48	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*58 - 135*		*06/29/16 18:48*	*1*
4-Bromofluorobenzene (Surr)	*86*		*62 - 123*		*06/29/16 18:48*	*1*
Dibromofluoromethane (Surr)	*110*		*64 - 128*		*06/29/16 18:48*	*1*
Toluene-d8 (Surr)	*101*		*71 - 118*		*06/29/16 18:48*	*1*

Client Sample ID: WG-18036-062316-SG-010

Lab Sample ID: 180-55990-10
Date Collected: 06/23/16 13:05
Matrix: Water
Date Received: 06/24/16 08:50

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	0.057	ug/L		06/27/16 07:48	06/28/16 11:08	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 11:08	1

Client Sample ID: WG-18036-062316-SG-011

Lab Sample ID: 180-55990-11
Date Collected: 06/23/16 13:55
Matrix: Water
Date Received: 06/24/16 08:50

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	0.22	ug/L			06/29/16 19:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 19:12	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 19:12	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 19:12	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*58 - 135*		*06/29/16 19:12*	*1*
4-Bromofluorobenzene (Surr)	*89*		*62 - 123*		*06/29/16 19:12*	*1*
Dibromofluoromethane (Surr)	*114*		*64 - 128*		*06/29/16 19:12*	*1*
Toluene-d8 (Surr)	*103*		*71 - 118*		*06/29/16 19:12*	*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	0.057	ug/L		06/27/16 07:48	06/28/16 11:14	1
Lead	20	U	20	5.4	ug/L		06/27/16 07:48	06/28/16 11:46	2

Client Sample ID: TB-18036-062316-SG

Lab Sample ID: 180-55990-12
Date Collected: 06/23/16 08:40
Matrix: Water
Date Received: 06/24/16 08:50

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	0.22	ug/L			06/29/16 15:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 15:26	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 15:26	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 15:26	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 135*		*06/29/16 15:26*	*1*
4-Bromofluorobenzene (Surr)	*100*		*62 - 123*		*06/29/16 15:26*	*1*
Dibromofluoromethane (Surr)	*96*		*64 - 128*		*06/29/16 15:26*	*1*
Toluene-d8 (Surr)	*103*		*71 - 118*		*06/29/16 15:26*	*1*

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

Lab Sample ID: MB 180-180393/9
Matrix: Water
Analysis Batch: 180393

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	0.22	ug/L			06/28/16 13:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/28/16 13:31	1
Toluene	1.0	U	1.0	0.28	ug/L			06/28/16 13:31	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/28/16 13:31	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/28/16 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*58 - 135*		*06/28/16 13:31*	*1*
4-Bromofluorobenzene (Surr)	*97*		*62 - 123*		*06/28/16 13:31*	*1*
Dibromofluoromethane (Surr)	*110*		*64 - 128*		*06/28/16 13:31*	*1*
Toluene-d8 (Surr)	*107*		*71 - 118*		*06/28/16 13:31*	*1*

Lab Sample ID: LCS 180-180393/1008
Matrix: Water
Analysis Batch: 180393

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	8.49		ug/L		85	75 - 125
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	69 - 127
Toluene	10.0	11.3		ug/L		113	74 - 126
Trichloroethene	10.0	10.2		ug/L		102	73 - 125
Vinyl chloride	10.0	10.3		ug/L		103	30 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 135*
4-Bromofluorobenzene (Surr)	*93*		*62 - 123*
Dibromofluoromethane (Surr)	*96*		*64 - 128*
Toluene-d8 (Surr)	*108*		*71 - 118*

Lab Sample ID: MB 180-180561/5
Matrix: Water
Analysis Batch: 180561

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	0.22	ug/L			06/29/16 14:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 14:22	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 14:22	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 14:22	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 14:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 135*		*06/29/16 14:22*	*1*
4-Bromofluorobenzene (Surr)	*106*		*62 - 123*		*06/29/16 14:22*	*1*
Dibromofluoromethane (Surr)	*91*		*64 - 128*		*06/29/16 14:22*	*1*
Toluene-d8 (Surr)	*110*		*71 - 118*		*06/29/16 14:22*	*1*

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

Lab Sample ID: LCS 180-180561/1002
Matrix: Water
Analysis Batch: 180561

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	10.5		ug/L		105	69 - 127
Toluene	10.0	10.7		ug/L		107	74 - 126
Trichloroethene	10.0	10.3		ug/L		103	73 - 125
Vinyl chloride	10.0	10.1		ug/L		101	30 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 135*
4-Bromofluorobenzene (Surr)	*106*		*62 - 123*
Dibromofluoromethane (Surr)	*104*		*64 - 128*
Toluene-d8 (Surr)	*101*		*71 - 118*

Lab Sample ID: 180-55990-4 MS
Matrix: Water
Analysis Batch: 180561

Client Sample ID: WG-18036-062316-SG-004
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	10.6		ug/L		106	75 - 125
cis-1,2-Dichloroethene	1.0	U	10.0	10.6		ug/L		106	69 - 127
Toluene	1.0	U	10.0	11.1		ug/L		111	74 - 126
Trichloroethene	1.0	U	10.0	10.5		ug/L		105	73 - 125
Vinyl chloride	1.0	U	10.0	10.4		ug/L		104	30 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 135*
4-Bromofluorobenzene (Surr)	*103*		*62 - 123*
Dibromofluoromethane (Surr)	*98*		*64 - 128*
Toluene-d8 (Surr)	*105*		*71 - 118*

Lab Sample ID: 180-55990-4 MSD
Matrix: Water
Analysis Batch: 180561

Client Sample ID: WG-18036-062316-SG-004
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	9.81		ug/L		98	75 - 125	7	25
cis-1,2-Dichloroethene	1.0	U	10.0	9.88		ug/L		99	69 - 127	7	20
Toluene	1.0	U	10.0	10.7		ug/L		107	74 - 126	4	25
Trichloroethene	1.0	U	10.0	10.1		ug/L		101	73 - 125	4	25
Vinyl chloride	1.0	U	10.0	10.0		ug/L		100	30 - 140	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 135*
4-Bromofluorobenzene (Surr)	*102*		*62 - 123*
Dibromofluoromethane (Surr)	*99*		*64 - 128*
Toluene-d8 (Surr)	*101*		*71 - 118*

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

Lab Sample ID: MB 180-180567/7
Matrix: Water
Analysis Batch: 180567

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	0.22	ug/L			06/29/16 15:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 15:10	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 15:10	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 15:10	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 15:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*58 - 135*		*06/29/16 15:10*	*1*
4-Bromofluorobenzene (Surr)	*89*		*62 - 123*		*06/29/16 15:10*	*1*
Dibromofluoromethane (Surr)	*106*		*64 - 128*		*06/29/16 15:10*	*1*
Toluene-d8 (Surr)	*106*		*71 - 118*		*06/29/16 15:10*	*1*

Lab Sample ID: LCS 180-180567/1002
Matrix: Water
Analysis Batch: 180567

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	7.59		ug/L		76	75 - 125
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	69 - 127
Toluene	10.0	10.8		ug/L		108	74 - 126
Trichloroethene	10.0	10.1		ug/L		101	73 - 125
Vinyl chloride	10.0	9.99		ug/L		100	30 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*58 - 135*
4-Bromofluorobenzene (Surr)	*88*		*62 - 123*
Dibromofluoromethane (Surr)	*93*		*64 - 128*
Toluene-d8 (Surr)	*102*		*71 - 118*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-180267/1-A
Matrix: Water
Analysis Batch: 180422

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 180267

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.057	ug/L		06/27/16 07:48	06/28/16 08:45	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 08:45	1

Lab Sample ID: LCS 180-180267/2-A
Matrix: Water
Analysis Batch: 180422

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 180267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	50.4		ug/L		101	85 - 115
Lead	500	506		ug/L		101	85 - 115

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

Lab Sample ID: 180-55990-4 MS
Matrix: Water
Analysis Batch: 180422

Client Sample ID: WG-18036-062316-SG-004
Prep Type: Total Recoverable
Prep Batch: 180267

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	5.0	U	50.0	49.9		ug/L		100	70 - 130
Lead	10	U	500	503		ug/L		101	70 - 130

Lab Sample ID: 180-55990-4 MSD
Matrix: Water
Analysis Batch: 180422

Client Sample ID: WG-18036-062316-SG-004
Prep Type: Total Recoverable
Prep Batch: 180267

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	5.0	U	50.0	49.8		ug/L		100	70 - 130	0	20
Lead	10	U	500	505		ug/L		101	70 - 130	0	20

GC/MS VOA

Analysis Batch: 180393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55990-1	WG-18036-062316-SG-001	Total/NA	Water	624	
180-55990-2	WG-18036-062316-SG-002	Total/NA	Water	624	
LCS 180-180393/1008	Lab Control Sample	Total/NA	Water	624	
MB 180-180393/9	Method Blank	Total/NA	Water	624	

Analysis Batch: 180561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55990-3	WG-18036-062316-SG-003	Total/NA	Water	624	
180-55990-4	WG-18036-062316-SG-004	Total/NA	Water	624	
180-55990-4 MS	WG-18036-062316-SG-004	Total/NA	Water	624	
180-55990-4 MSD	WG-18036-062316-SG-004	Total/NA	Water	624	
180-55990-5	WG-18036-062316-SG-005	Total/NA	Water	624	
180-55990-12	TB-18036-062316-SG	Total/NA	Water	624	
LCS 180-180561/1002	Lab Control Sample	Total/NA	Water	624	
MB 180-180561/5	Method Blank	Total/NA	Water	624	

Analysis Batch: 180567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55990-6	WG-18036-062316-SG-006	Total/NA	Water	624	
180-55990-7	WG-18036-062316-SG-007	Total/NA	Water	624	
180-55990-8	WG-18036-062316-SG-008	Total/NA	Water	624	
180-55990-9	WG-18036-062316-SG-009	Total/NA	Water	624	
180-55990-10	WG-18036-062316-SG-010	Total/NA	Water	624	
180-55990-11	WG-18036-062316-SG-011	Total/NA	Water	624	
LCS 180-180567/1002	Lab Control Sample	Total/NA	Water	624	
MB 180-180567/7	Method Blank	Total/NA	Water	624	

Metals

Prep Batch: 180267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55990-1	WG-18036-062316-SG-001	Total Recoverable	Water	200.7	
180-55990-2	WG-18036-062316-SG-002	Total Recoverable	Water	200.7	
180-55990-3	WG-18036-062316-SG-003	Total Recoverable	Water	200.7	
180-55990-4	WG-18036-062316-SG-004	Total Recoverable	Water	200.7	
180-55990-4 MS	WG-18036-062316-SG-004	Total Recoverable	Water	200.7	
180-55990-4 MSD	WG-18036-062316-SG-004	Total Recoverable	Water	200.7	
180-55990-5	WG-18036-062316-SG-005	Total Recoverable	Water	200.7	
180-55990-6	WG-18036-062316-SG-006	Total Recoverable	Water	200.7	
180-55990-7	WG-18036-062316-SG-007	Total Recoverable	Water	200.7	
180-55990-8	WG-18036-062316-SG-008	Total Recoverable	Water	200.7	
180-55990-9	WG-18036-062316-SG-009	Total Recoverable	Water	200.7	
180-55990-10	WG-18036-062316-SG-010	Total Recoverable	Water	200.7	
180-55990-11	WG-18036-062316-SG-011	Total Recoverable	Water	200.7	
LCS 180-180267/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-180267/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 180422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55990-1	WG-18036-062316-SG-001	Total Recoverable	Water	200.7 Rev 4.4	180267

Metals (Continued)

Analysis Batch: 180422 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55990-2	WG-18036-062316-SG-002	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-3	WG-18036-062316-SG-003	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-4	WG-18036-062316-SG-004	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-4 MS	WG-18036-062316-SG-004	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-4 MSD	WG-18036-062316-SG-004	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-5	WG-18036-062316-SG-005	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-6	WG-18036-062316-SG-006	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-7	WG-18036-062316-SG-007	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-8	WG-18036-062316-SG-008	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-9	WG-18036-062316-SG-009	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-10	WG-18036-062316-SG-010	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-11	WG-18036-062316-SG-011	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55990-11	WG-18036-062316-SG-011	Total Recoverable	Water	200.7 Rev 4.4	180267
LCS 180-180267/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	180267
MB 180-180267/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	180267

Analysis Batch: 180485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55990-8	WG-18036-062316-SG-008	Total Recoverable	Water	200.7 Rev 4.4	180267

GHD

180-55990 Chain of Custody

CHAIN OF CUSTODY RECORD

COC NO.: 55704

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6/30/2016

s: NF office

ne: Fax:

Project No/ Phase/Task Code: 18036-2014	Laboratory Name: Test America	Lab Location:	SSOW ID:
Project Name: BNIA - Quarterly Post Closure Monitoring	Lab Contact: Jill Colussy	Pittsburgh	Cooler No:
Project Location: Buffalo Airport			Carrier:
GHD Chemistry Contact:			Airbill No:
Sampler(s): S. Gardner B. Tyler			Total # of Containers:

ANALYSIS REQUESTED (See Back of COC for Definitions)

Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yy)	TIME (hh:mm)	SAMPLE TYPE: Matrix Code (see back of COC)	Grab (G) or Comp (C)	Filtered (Y/N)	8260 VOCs	8270 Meths	Total Containers/sample	MS/MSD Required	COMMENTS/ SPECIAL INSTRUCTIONS:
	PRESERVATION - (SEE BACK OF COC FOR ABBREVIATIONS)						HCl	NN			
1	WG-18036-062316-SG-001	6-23-16	0840	WG	G	N	X	X	4		
2	WG-18036-062316-SG-002	6-23-16	0840	WG	G	N	X	X	4		
3	WG-18036-062316-SG-003	6-23-16	0955	WG	G	N	X	X	4		
4	WG-18036-062316-SG-004	6-23-16	0935	WG	G	N	X	X	12	X	
5	WG-18036-062316-SG-005	6-23-16	1105	WG	G	N	X	X	4		
6	WG-18036-062316-SG-006	6-23-16	1100	WG	G	N	X	X	4		
7	WG-18036-062316-SG-007	6-23-16	1205	WG	G	N	X	X	4		
8	WG-18036-062316-SG-008	6-23-16	1155	WG	G	N	X	X	4		
9	WG-18036-062316-SG-009	6-23-16	1205	WG	G	N	X	X	4		
10	WG-18036-062316-SG-010	6-23-16	1305	WG	G	N	X	X	4		
11	WG-18036-062316-SG-011	6-23-16	1355	WG	G	N	X	X	4		
12	TB-18036-062316-SG	6-23-16		TB	G	N	X		2		

Page 23 of 24

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

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

Notes/ Special Requirements:

	Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1.	Dave Tyler	GHD	6/23/16	1525	Debbie Watson	TAP	6-24-16	8:50
2.								
3.								

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

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

GHD Form: COC-10B (20110804)

Login Sample Receipt Checklist

Client: Brausch Environmental LLC

Job Number: 180-55990-1

Login Number: 55990
List Number: 1
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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 (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	False	
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 2016 SURFACE WATER SAMPLING

Surface Water Sampling Key
June 23, 2016
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Manhole No.	Sample No.
1B	SW-18036-062316-001
1C	SW-18036-062316-002
2A	SW-18036-062316-003
2B	SW-18036-062316-004
2C	SW-18036-062316-005
2C (dup)	SW-18036-062316-006
3A	SW-18036-062316-007
2D	SW-18036-062316-008
3C	SW-18036-062316-009
3B	SW-18036-062316-010
1A	SW-18036-062316-011
Trip Blank	TB-18036-062316-001

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

TestAmerica Job ID: 180-55991-1
Client Project/Site: Buffalo Airport

For:
Brausch Environmental LLC
5318 Alexa Road
Charlotte, North Carolina 28277

Attn: Leo Brausch

Authorized for release by:
7/6/2016 3:02:47 PM

Jill Colussy, Project Manager I
(412)963-2444
jill.colussy@testamericainc.com

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Case Narrative

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55991-1

Job ID: 180-55991-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-55991-1

Receipt
The samples were received on 6/24/2016 8:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.9º C, 3.8º C and 4.4º C.

The chain of custody was not relinquished by the client.

One out of three VOA vials for the following sample was received broken or leaking: SW-18036-062316-010 (180-55991-10).

One of the VOA vials for sample SW-18036-062316-001 was identified as SW-18036-062316-011.

GC/MS VOA
The following volatiles samples was diluted due to foaming at the time of purging during the original sample analysis: SW-18036-062316-003 (180-55991-3), SW-18036-062316-004 (180-55991-4), SW-18036-062316-005 (180-55991-5), SW-18036-062316-009 (180-55991-9), and : SW-18036-062316-010 (180-55991-10). Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: SW-18036-062316-005 (180-55991-5),SW-18036-062316-006 (180-55991-6) and SW-18036-062316-007 (180-55991-7). Elevated reporting limits (RLs) are provided.

Metals
Due to sample matrix effect on the internal standard (ISTD); indium was suppressed; a dilution was required for the following sample: SW-18036-062316-006 (180-55991-6). Elevated reporting limits (RLs) are provided.

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

Definitions/Glossary

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55991-1

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.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
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: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55991-1

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	03-31-17

The following analytes are included in this report, but certification is not offered by the governing authority:

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

Sample Summary

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55991-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-55991-1	SW-18036-062316-001	Water	06/23/16 08:00	06/24/16 08:50
180-55991-2	SW-18036-062316-002	Water	06/23/16 09:00	06/24/16 08:50
180-55991-3	SW-18036-062316-003	Water	06/23/16 09:30	06/24/16 08:50
180-55991-4	SW-18036-062316-004	Water	06/23/16 09:45	06/24/16 08:50
180-55991-5	SW-18036-062316-005	Water	06/23/16 10:15	06/24/16 08:50
180-55991-6	SW-18036-062316-006	Water	06/23/16 10:15	06/24/16 08:50
180-55991-7	SW-18036-062316-007	Water	06/23/16 10:45	06/24/16 08:50
180-55991-8	SW-18036-062316-008	Water	06/23/16 11:30	06/24/16 08:50
180-55991-9	SW-18036-062316-009	Water	06/23/16 12:00	06/24/16 08:50
180-55991-10	SW-18036-062316-010	Water	06/23/16 12:45	06/24/16 08:50
180-55991-11	SW-18036-062316-011	Water	06/23/16 13:15	06/24/16 08:50
180-55991-12	TB-18036-062316-001	Water	06/23/16 08:00	06/24/16 08:50

Method Summary

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55991-1

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: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55991-1

Client Sample ID: SW-18036-062316-001

Lab Sample ID: 180-55991-1
Matrix: Water
Date Collected: 06/23/16 08:00
Date Received: 06/24/16 08:50

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	180567	06/29/16 20:00	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 09:23	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:28	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SW-18036-062316-002

Lab Sample ID: 180-55991-2
Matrix: Water
Date Collected: 06/23/16 09:00
Date Received: 06/24/16 08:50

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	180567	06/29/16 20:24	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 09:28	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:48	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SW-18036-062316-003

Lab Sample ID: 180-55991-3
Matrix: Water
Date Collected: 06/23/16 09:30
Date Received: 06/24/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		5	5 mL	5 mL	180567	06/29/16 20:48	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180267	06/27/16 07:48	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180422	06/28/16 09:34	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:50	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55991-1

Client Sample ID: SW-18036-062316-004

Lab Sample ID: 180-55991-4

Date Collected: 06/23/16 09:45
Matrix: Water
Date Received: 06/24/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		3	5 mL	5 mL	180567	06/29/16 21:12	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180268	06/27/16 07:49	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180485	06/28/16 12:19	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	500 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:18	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SW-18036-062316-005

Lab Sample ID: 180-55991-5

Date Collected: 06/23/16 10:15
Matrix: Water
Date Received: 06/24/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		5	5 mL	5 mL	180567	06/29/16 21:36	DLF	TAL PIT
	Instrument ID: CHHP5									
Total Recoverable	Prep	200.7			50 mL	50 mL	180268	06/27/16 07:49	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180485	06/28/16 12:25	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:20	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SW-18036-062316-006

Lab Sample ID: 180-55991-6

Date Collected: 06/23/16 10:15
Matrix: Water
Date Received: 06/24/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		2	5 mL	5 mL	180705	07/01/16 00:15	DLF	TAL PIT
	Instrument ID: CHHP6									
Total Recoverable	Prep	200.7			50 mL	50 mL	180268	06/27/16 07:49	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180485	06/28/16 12:30	RJR	TAL PIT
	Instrument ID: Q									
Total Recoverable	Prep	200.7			50 mL	50 mL	180268	06/27/16 07:49	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		2	50 mL	50 mL	180485	06/28/16 13:37	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:22	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55991-1

Client Sample ID: SW-18036-062316-007

Lab Sample ID: 180-55991-7

Date Collected: 06/23/16 10:45

Matrix: Water

Date Received: 06/24/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		3	5 mL	5 mL	180705	07/01/16 00:41	DLF	TAL PIT
	Instrument ID: CHHP6									
Total Recoverable	Prep	200.7			50 mL	50 mL	180268	06/27/16 07:49	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180485	06/28/16 12:36	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	1000 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:24	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SW-18036-062316-008

Lab Sample ID: 180-55991-8

Date Collected: 06/23/16 11:30

Matrix: Water

Date Received: 06/24/16 08:50

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	180837	07/01/16 23:12	DLF	TAL PIT
	Instrument ID: CHHP6									
Total Recoverable	Prep	200.7			50 mL	50 mL	180268	06/27/16 07:49	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180485	06/28/16 12:42	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	500 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:26	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SW-18036-062316-009

Lab Sample ID: 180-55991-9

Date Collected: 06/23/16 12:00

Matrix: Water

Date Received: 06/24/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		5	5 mL	5 mL	180705	06/30/16 14:02	DLF	TAL PIT
	Instrument ID: CHHP6									
Total Recoverable	Prep	200.7			50 mL	50 mL	180268	06/27/16 07:49	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180485	06/28/16 12:47	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	250 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:13	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55991-1

Client Sample ID: SW-18036-062316-010

Lab Sample ID: 180-55991-10

Date Collected: 06/23/16 12:45

Matrix: Water

Date Received: 06/24/16 08:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		5	5 mL	5 mL	180837	07/02/16 00:01	DLF	TAL PIT
	Instrument ID: CHHP6									
Total Recoverable	Prep	200.7			50 mL	50 mL	180268	06/27/16 07:49	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180485	06/28/16 13:20	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	500 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:30	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SW-18036-062316-011

Lab Sample ID: 180-55991-11

Date Collected: 06/23/16 13:15

Matrix: Water

Date Received: 06/24/16 08:50

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	180837	07/02/16 00:49	DLF	TAL PIT
	Instrument ID: CHHP6									
Total Recoverable	Prep	200.7			50 mL	50 mL	180268	06/27/16 07:49	ANA	TAL PIT
Total Recoverable	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	180485	06/28/16 13:25	RJR	TAL PIT
	Instrument ID: Q									
Total/NA	Analysis	SM 2540D		1	250 mL	1000 mL	180324	06/27/16 13:21	JWS	TAL PIT
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 4500 H+ B		1		20 mL	180277	06/27/16 15:32	JJZ	TAL PIT
	Instrument ID: NOEQUIP									

Client Sample ID: TB-18036-062316-001

Lab Sample ID: 180-55991-12

Date Collected: 06/23/16 08:00

Matrix: Water

Date Received: 06/24/16 08:50

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	180705	06/30/16 14:27	DLF	TAL PIT
	Instrument ID: CHHP6									

Laboratory References:

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

Lab Chronicle

Client: Brausch Environmental LLC
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-55991-1

Analyst References:

Lab: TAL PIT

Batch Type: Prep

ANA = Alexis Anderson

Batch Type: Analysis

DLF = Donald Ferguson

JJZ = Joseph Zubrow

JWS = Jim Swanson

RJR = Ron Rosenbaum

Client Sample ID: SW-18036-062316-001

Lab Sample ID: 180-55991-1

Date Collected: 06/23/16 08:00

Matrix: Water

Date Received: 06/24/16 08:50

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	0.36	ug/L			06/29/16 20:00	1
Tetrachloroethene	1.0	U	1.0	0.27	ug/L			06/29/16 20:00	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 20:00	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 20:00	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 20:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.28	ug/L			06/29/16 20:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*58 - 135*		*06/29/16 20:00*	*1*
4-Bromofluorobenzene (Surr)	*92*		*62 - 123*		*06/29/16 20:00*	*1*
Toluene-d8 (Surr)	*108*		*71 - 118*		*06/29/16 20:00*	*1*
Dibromofluoromethane (Surr)	*107*		*64 - 128*		*06/29/16 20:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.057	ug/L		06/27/16 07:48	06/28/16 09:23	1
Chromium	**0.84**	**J**	5.0	0.69	ug/L		06/27/16 07:48	06/28/16 09:23	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 09:23	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			06/27/16 13:21	1
pH	**8.13**	**HF**	0.100	0.100	SU			06/27/16 15:28	1

Client Sample ID: SW-18036-062316-002

Lab Sample ID: 180-55991-2

Date Collected: 06/23/16 09:00

Matrix: Water

Date Received: 06/24/16 08:50

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	0.36	ug/L			06/29/16 20:24	1
Tetrachloroethene	1.0	U	1.0	0.27	ug/L			06/29/16 20:24	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 20:24	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 20:24	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 20:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.28	ug/L			06/29/16 20:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*58 - 135*		*06/29/16 20:24*	*1*
4-Bromofluorobenzene (Surr)	*77*		*62 - 123*		*06/29/16 20:24*	*1*
Toluene-d8 (Surr)	*109*		*71 - 118*		*06/29/16 20:24*	*1*
Dibromofluoromethane (Surr)	*108*		*64 - 128*		*06/29/16 20:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.20**	**J**	5.0	0.057	ug/L		06/27/16 07:48	06/28/16 09:28	1
Chromium	**1.4**	**J**	5.0	0.69	ug/L		06/27/16 07:48	06/28/16 09:28	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 09:28	1

Client Sample ID: SW-18036-062316-002

Lab Sample ID: 180-55991-2
Date Collected: 06/23/16 09:00
Matrix: Water
Date Received: 06/24/16 08:50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**13**		0.50	0.50	mg/L			06/27/16 13:21	1
pH	**8.06**	**HF**	0.100	0.100	SU			06/27/16 15:48	1

Client Sample ID: SW-18036-062316-003

Lab Sample ID: 180-55991-3
Date Collected: 06/23/16 09:30
Matrix: Water
Date Received: 06/24/16 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**2.1**	**J**	5.0	1.8	ug/L			06/29/16 20:48	5
Tetrachloroethene	5.0	U	5.0	1.3	ug/L			06/29/16 20:48	5
Toluene	5.0	U	5.0	1.4	ug/L			06/29/16 20:48	5
Trichloroethene	**11**		5.0	1.3	ug/L			06/29/16 20:48	5
Vinyl chloride	5.0	U	5.0	1.6	ug/L			06/29/16 20:48	5
1,2-Dichlorobenzene	5.0	U	5.0	1.4	ug/L			06/29/16 20:48	5
cis-1,2-Dichloroethene	**2.6**	**J**	5.0	1.4	ug/L			06/29/16 20:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*58 - 135*		*06/29/16 20:48*	*5*
4-Bromofluorobenzene (Surr)	*92*		*62 - 123*		*06/29/16 20:48*	*5*
Toluene-d8 (Surr)	*105*		*71 - 118*		*06/29/16 20:48*	*5*
Dibromofluoromethane (Surr)	*113*		*64 - 128*		*06/29/16 20:48*	*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	0.057	ug/L		06/27/16 07:48	06/28/16 09:34	1
Chromium	**1.7**	**J**	5.0	0.69	ug/L		06/27/16 07:48	06/28/16 09:34	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 09:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**1.4**		0.50	0.50	mg/L			06/27/16 13:21	1
pH	**8.09**	**HF**	0.100	0.100	SU			06/27/16 15:50	1

Client Sample ID: SW-18036-062316-004

Lab Sample ID: 180-55991-4
Date Collected: 06/23/16 09:45
Matrix: Water
Date Received: 06/24/16 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**1.3**	**J**	3.0	1.1	ug/L			06/29/16 21:12	3
Tetrachloroethene	**4.7**		3.0	0.80	ug/L			06/29/16 21:12	3
Toluene	3.0	U	3.0	0.84	ug/L			06/29/16 21:12	3
Trichloroethene	**28**		3.0	0.77	ug/L			06/29/16 21:12	3
Vinyl chloride	3.0	U	3.0	0.95	ug/L			06/29/16 21:12	3
1,2-Dichlorobenzene	3.0	U	3.0	0.84	ug/L			06/29/16 21:12	3
cis-1,2-Dichloroethene	**18**		3.0	0.86	ug/L			06/29/16 21:12	3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*58 - 135*		*06/29/16 21:12*	*3*
4-Bromofluorobenzene (Surr)	*96*		*62 - 123*		*06/29/16 21:12*	*3*

Client Sample ID: SW-18036-062316-004

Lab Sample ID: 180-55991-4
Date Collected: 06/23/16 09:45
Matrix: Water
Date Received: 06/24/16 08:50

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*108*		*71 - 118*		*06/29/16 21:12*	*3*
Dibromofluoromethane (Surr)	*110*		*64 - 128*		*06/29/16 21:12*	*3*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.057	ug/L		06/27/16 07:49	06/28/16 12:19	1
Chromium	**7.3**		5.0	0.69	ug/L		06/27/16 07:49	06/28/16 12:19	1
Lead	**18**		10	2.7	ug/L		06/27/16 07:49	06/28/16 12:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**260**		1.0	1.0	mg/L			06/27/16 13:21	1
pH	**11.2**	**HF**	0.100	0.100	SU			06/27/16 15:18	1

Client Sample ID: SW-18036-062316-005

Lab Sample ID: 180-55991-5
Date Collected: 06/23/16 10:15
Matrix: Water
Date Received: 06/24/16 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**1.8**	**J**	5.0	1.8	ug/L			06/29/16 21:36	5
Tetrachloroethene	**5.4**		5.0	1.3	ug/L			06/29/16 21:36	5
Toluene	5.0	U	5.0	1.4	ug/L			06/29/16 21:36	5
Trichloroethene	**50**		5.0	1.3	ug/L			06/29/16 21:36	5
Vinyl chloride	5.0	U	5.0	1.6	ug/L			06/29/16 21:36	5
1,2-Dichlorobenzene	5.0	U	5.0	1.4	ug/L			06/29/16 21:36	5
cis-1,2-Dichloroethene	**23**		5.0	1.4	ug/L			06/29/16 21:36	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*111*		*58 - 135*		*06/29/16 21:36*	*5*
4-Bromofluorobenzene (Surr)	*92*		*62 - 123*		*06/29/16 21:36*	*5*
Toluene-d8 (Surr)	*97*		*71 - 118*		*06/29/16 21:36*	*5*
Dibromofluoromethane (Surr)	*108*		*64 - 128*		*06/29/16 21:36*	*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	0.057	ug/L		06/27/16 07:49	06/28/16 12:25	1
Chromium	**4.6**	**J**	5.0	0.69	ug/L		06/27/16 07:49	06/28/16 12:25	1
Lead	**4.4**	**J**	10	2.7	ug/L		06/27/16 07:49	06/28/16 12:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**18**		0.50	0.50	mg/L			06/27/16 13:21	1
pH	**11.6**	**HF**	0.100	0.100	SU			06/27/16 15:20	1

Client Sample ID: SW-18036-062316-006

Lab Sample ID: 180-55991-6
Date Collected: 06/23/16 10:15
Matrix: Water
Date Received: 06/24/16 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	2.0	U	2.0	0.72	ug/L			07/01/16 00:15	2
Tetrachloroethene	**8.6**		2.0	0.54	ug/L			07/01/16 00:15	2
Toluene	2.0	U	2.0	0.56	ug/L			07/01/16 00:15	2
Trichloroethene	**61**		2.0	0.52	ug/L			07/01/16 00:15	2
Vinyl chloride	**1.1**	**J**	2.0	0.63	ug/L			07/01/16 00:15	2
1,2-Dichlorobenzene	2.0	U	2.0	0.56	ug/L			07/01/16 00:15	2
cis-1,2-Dichloroethene	**38**		2.0	0.57	ug/L			07/01/16 00:15	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*58 - 135*		*07/01/16 00:15*	*2*
4-Bromofluorobenzene (Surr)	*102*		*62 - 123*		*07/01/16 00:15*	*2*
Toluene-d8 (Surr)	*104*		*71 - 118*		*07/01/16 00:15*	*2*
Dibromofluoromethane (Surr)	*98*		*64 - 128*		*07/01/16 00:15*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.057	ug/L		06/27/16 07:49	06/28/16 12:30	1
Chromium	**0.96**	**J**	5.0	0.69	ug/L		06/27/16 07:49	06/28/16 12:30	1
Lead	20	U	20	5.4	ug/L		06/27/16 07:49	06/28/16 13:37	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**18**		0.50	0.50	mg/L			06/27/16 13:21	1
pH	**11.6**	**HF**	0.100	0.100	SU			06/27/16 15:22	1

Client Sample ID: SW-18036-062316-007

Lab Sample ID: 180-55991-7
Date Collected: 06/23/16 10:45
Matrix: Water
Date Received: 06/24/16 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	3.0	U	3.0	1.1	ug/L			07/01/16 00:41	3
Tetrachloroethene	**2.0**	**J**	3.0	0.80	ug/L			07/01/16 00:41	3
Toluene	3.0	U	3.0	0.84	ug/L			07/01/16 00:41	3
Trichloroethene	**67**		3.0	0.77	ug/L			07/01/16 00:41	3
Vinyl chloride	**1.2**	**J**	3.0	0.95	ug/L			07/01/16 00:41	3
1,2-Dichlorobenzene	3.0	U	3.0	0.84	ug/L			07/01/16 00:41	3
cis-1,2-Dichloroethene	**22**		3.0	0.86	ug/L			07/01/16 00:41	3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 135*		*07/01/16 00:41*	*3*
4-Bromofluorobenzene (Surr)	*102*		*62 - 123*		*07/01/16 00:41*	*3*
Toluene-d8 (Surr)	*106*		*71 - 118*		*07/01/16 00:41*	*3*
Dibromofluoromethane (Surr)	*100*		*64 - 128*		*07/01/16 00:41*	*3*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.057	ug/L		06/27/16 07:49	06/28/16 12:36	1
Chromium	**4.0**	**J**	5.0	0.69	ug/L		06/27/16 07:49	06/28/16 12:36	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:49	06/28/16 12:36	1

Client Sample ID: SW-18036-062316-007

Lab Sample ID: 180-55991-7
Date Collected: 06/23/16 10:45
Matrix: Water
Date Received: 06/24/16 08:50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**17**		0.50	0.50	mg/L			06/27/16 13:21	1
pH	**9.47**	**HF**	0.100	0.100	SU			06/27/16 15:24	1

Client Sample ID: SW-18036-062316-008

Lab Sample ID: 180-55991-8
Date Collected: 06/23/16 11:30
Matrix: Water
Date Received: 06/24/16 08:50

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	0.36	ug/L			07/01/16 23:12	1
Tetrachloroethene	1.0	U	1.0	0.27	ug/L			07/01/16 23:12	1
Toluene	1.0	U	1.0	0.28	ug/L			07/01/16 23:12	1
Trichloroethene	**19**		1.0	0.26	ug/L			07/01/16 23:12	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			07/01/16 23:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.28	ug/L			07/01/16 23:12	1
cis-1,2-Dichloroethene	**4.4**		1.0	0.29	ug/L			07/01/16 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 135*		*07/01/16 23:12*	*1*
4-Bromofluorobenzene (Surr)	*107*		*62 - 123*		*07/01/16 23:12*	*1*
Toluene-d8 (Surr)	*108*		*71 - 118*		*07/01/16 23:12*	*1*
Dibromofluoromethane (Surr)	*106*		*64 - 128*		*07/01/16 23:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.080**	**J**	5.0	0.057	ug/L		06/27/16 07:49	06/28/16 12:42	1
Chromium	**4.0**	**J**	5.0	0.69	ug/L		06/27/16 07:49	06/28/16 12:42	1
Lead	**5.6**	**J**	10	2.7	ug/L		06/27/16 07:49	06/28/16 12:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**81**		1.0	1.0	mg/L			06/27/16 13:21	1
pH	**8.13**	**HF**	0.100	0.100	SU			06/27/16 15:26	1

Client Sample ID: SW-18036-062316-009

Lab Sample ID: 180-55991-9
Date Collected: 06/23/16 12:00
Matrix: Water
Date Received: 06/24/16 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**3.0**	**J**	5.0	1.8	ug/L			06/30/16 14:02	5
Tetrachloroethene	5.0	U	5.0	1.3	ug/L			06/30/16 14:02	5
Toluene	5.0	U	5.0	1.4	ug/L			06/30/16 14:02	5
Trichloroethene	5.0	U	5.0	1.3	ug/L			06/30/16 14:02	5
Vinyl chloride	5.0	U	5.0	1.6	ug/L			06/30/16 14:02	5
1,2-Dichlorobenzene	5.0	U	5.0	1.4	ug/L			06/30/16 14:02	5
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/L			06/30/16 14:02	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 135*		*06/30/16 14:02*	*5*
4-Bromofluorobenzene (Surr)	*105*		*62 - 123*		*06/30/16 14:02*	*5*

Client Sample ID: SW-18036-062316-009

Lab Sample ID: 180-55991-9
Date Collected: 06/23/16 12:00
Matrix: Water
Date Received: 06/24/16 08:50

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*107*		*71 - 118*		*06/30/16 14:02*	*5*
Dibromofluoromethane (Surr)	*100*		*64 - 128*		*06/30/16 14:02*	*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	0.057	ug/L		06/27/16 07:49	06/28/16 12:47	1
Chromium	**14**		5.0	0.69	ug/L		06/27/16 07:49	06/28/16 12:47	1
Lead	**9.5**	**J**	10	2.7	ug/L		06/27/16 07:49	06/28/16 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**240**		2.0	2.0	mg/L			06/27/16 13:21	1
pH	**7.44**	**HF**	0.100	0.100	SU			06/27/16 15:13	1

Client Sample ID: SW-18036-062316-010

Lab Sample ID: 180-55991-10
Date Collected: 06/23/16 12:45
Matrix: Water
Date Received: 06/24/16 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**1.8**	**J**	5.0	1.8	ug/L			07/02/16 00:01	5
Tetrachloroethene	5.0	U	5.0	1.3	ug/L			07/02/16 00:01	5
Toluene	5.0	U	5.0	1.4	ug/L			07/02/16 00:01	5
Trichloroethene	5.0	U	5.0	1.3	ug/L			07/02/16 00:01	5
Vinyl chloride	5.0	U	5.0	1.6	ug/L			07/02/16 00:01	5
1,2-Dichlorobenzene	5.0	U	5.0	1.4	ug/L			07/02/16 00:01	5
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/L			07/02/16 00:01	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 135*		*07/02/16 00:01*	*5*
4-Bromofluorobenzene (Surr)	*107*		*62 - 123*		*07/02/16 00:01*	*5*
Toluene-d8 (Surr)	*104*		*71 - 118*		*07/02/16 00:01*	*5*
Dibromofluoromethane (Surr)	*97*		*64 - 128*		*07/02/16 00:01*	*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	0.057	ug/L		06/27/16 07:49	06/28/16 13:20	1
Chromium	**17**		5.0	0.69	ug/L		06/27/16 07:49	06/28/16 13:20	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:49	06/28/16 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**23**		1.0	1.0	mg/L			06/27/16 13:21	1
pH	**7.72**	**HF**	0.100	0.100	SU			06/27/16 15:30	1

Client Sample ID: SW-18036-062316-011

Lab Sample ID: 180-55991-11
Date Collected: 06/23/16 13:15
Matrix: Water
Date Received: 06/24/16 08:50

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	0.36	ug/L			07/02/16 00:49	1
Tetrachloroethene	**0.98**	**J**	1.0	0.27	ug/L			07/02/16 00:49	1
Toluene	1.0	U	1.0	0.28	ug/L			07/02/16 00:49	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			07/02/16 00:49	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			07/02/16 00:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.28	ug/L			07/02/16 00:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			07/02/16 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 135*		*07/02/16 00:49*	*1*
4-Bromofluorobenzene (Surr)	*100*		*62 - 123*		*07/02/16 00:49*	*1*
Toluene-d8 (Surr)	*104*		*71 - 118*		*07/02/16 00:49*	*1*
Dibromofluoromethane (Surr)	*99*		*64 - 128*		*07/02/16 00:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**2.6**	**J**	5.0	0.057	ug/L		06/27/16 07:49	06/28/16 13:25	1
Chromium	**5.7**		5.0	0.69	ug/L		06/27/16 07:49	06/28/16 13:25	1
Lead	**9.2**	**J**	10	2.7	ug/L		06/27/16 07:49	06/28/16 13:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**350**		2.0	2.0	mg/L			06/27/16 13:21	1
pH	**7.84**	**HF**	0.100	0.100	SU			06/27/16 15:32	1

Client Sample ID: TB-18036-062316-001

Lab Sample ID: 180-55991-12
Date Collected: 06/23/16 08:00
Matrix: Water
Date Received: 06/24/16 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**0.43**	**J**	1.0	0.36	ug/L			06/30/16 14:27	1
Tetrachloroethene	1.0	U	1.0	0.27	ug/L			06/30/16 14:27	1
Toluene	1.0	U	1.0	0.28	ug/L			06/30/16 14:27	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/30/16 14:27	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/30/16 14:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.28	ug/L			06/30/16 14:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/30/16 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 135*		*06/30/16 14:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*62 - 123*		*06/30/16 14:27*	*1*
Toluene-d8 (Surr)	*101*		*71 - 118*		*06/30/16 14:27*	*1*
Dibromofluoromethane (Surr)	*104*		*64 - 128*		*06/30/16 14:27*	*1*

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

Lab Sample ID: MB 180-180567/7
Matrix: Water
Analysis Batch: 180567

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	0.36	ug/L			06/29/16 15:10	1
Tetrachloroethene	1.0	U	1.0	0.27	ug/L			06/29/16 15:10	1
Toluene	1.0	U	1.0	0.28	ug/L			06/29/16 15:10	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/29/16 15:10	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/29/16 15:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.28	ug/L			06/29/16 15:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/29/16 15:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*58 - 135*		*06/29/16 15:10*	*1*
4-Bromofluorobenzene (Surr)	*89*		*62 - 123*		*06/29/16 15:10*	*1*
Toluene-d8 (Surr)	*106*		*71 - 118*		*06/29/16 15:10*	*1*
Dibromofluoromethane (Surr)	*106*		*64 - 128*		*06/29/16 15:10*	*1*

Lab Sample ID: LCS 180-180567/1002
Matrix: Water
Analysis Batch: 180567

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	10.0	9.35		ug/L		94	60 - 140
Tetrachloroethene	10.0	11.1		ug/L		111	73 - 127
Toluene	10.0	10.8		ug/L		108	74 - 126
Trichloroethene	10.0	10.1		ug/L		101	73 - 125
Vinyl chloride	10.0	9.99		ug/L		100	30 - 140
1,2-Dichlorobenzene	10.0	10.4		ug/L		104	68 - 127
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	69 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*58 - 135*
4-Bromofluorobenzene (Surr)	*88*		*62 - 123*
Toluene-d8 (Surr)	*102*		*71 - 118*
Dibromofluoromethane (Surr)	*93*		*64 - 128*

Lab Sample ID: MB 180-180705/5
Matrix: Water
Analysis Batch: 180705

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	0.36	ug/L			06/30/16 13:25	1
Tetrachloroethene	1.0	U	1.0	0.27	ug/L			06/30/16 13:25	1
Toluene	1.0	U	1.0	0.28	ug/L			06/30/16 13:25	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			06/30/16 13:25	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			06/30/16 13:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.28	ug/L			06/30/16 13:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			06/30/16 13:25	1

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

Lab Sample ID: MB 180-180705/5
Matrix: Water
Analysis Batch: 180705

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		58 - 135		06/30/16 13:25	1
4-Bromofluorobenzene (Surr)	101		62 - 123		06/30/16 13:25	1
Toluene-d8 (Surr)	102		71 - 118		06/30/16 13:25	1
Dibromofluoromethane (Surr)	98		64 - 128		06/30/16 13:25	1

Lab Sample ID: LCS 180-180705/1002
Matrix: Water
Analysis Batch: 180705

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	10.0	9.83		ug/L		98	60 - 140
Tetrachloroethene	10.0	10.7		ug/L		107	73 - 127
Toluene	10.0	11.3		ug/L		113	74 - 126
Trichloroethene	10.0	10.6		ug/L		106	73 - 125
Vinyl chloride	10.0	10.2		ug/L		102	30 - 140
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	68 - 127
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	69 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		58 - 135
4-Bromofluorobenzene (Surr)	105		62 - 123
Toluene-d8 (Surr)	107		71 - 118
Dibromofluoromethane (Surr)	104		64 - 128

Lab Sample ID: 180-55991-9 MS
Matrix: Water
Analysis Batch: 180705

Client Sample ID: SW-18036-062316-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	3.0	J	50.0	49.3		ug/L		93	60 - 140
Tetrachloroethene	5.0	U	50.0	54.9		ug/L		110	73 - 127
Toluene	5.0	U	50.0	55.2		ug/L		110	74 - 126
Trichloroethene	5.0	U	50.0	53.0		ug/L		106	73 - 125
Vinyl chloride	5.0	U	50.0	52.7		ug/L		105	30 - 140
1,2-Dichlorobenzene	5.0	U	50.0	46.3		ug/L		93	68 - 127
cis-1,2-Dichloroethene	5.0	U	50.0	51.7		ug/L		103	69 - 127

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		58 - 135
4-Bromofluorobenzene (Surr)	109		62 - 123
Toluene-d8 (Surr)	106		71 - 118
Dibromofluoromethane (Surr)	98		64 - 128

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

Lab Sample ID: 180-55991-9 MSD
Matrix: Water
Analysis Batch: 180705

Client Sample ID: SW-18036-062316-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	3.0	J	50.0	48.2		ug/L		90	60 - 140	2	25
Tetrachloroethene	5.0	U	50.0	52.5		ug/L		105	73 - 127	4	25
Toluene	5.0	U	50.0	51.6		ug/L		103	74 - 126	7	25
Trichloroethene	5.0	U	50.0	51.8		ug/L		104	73 - 125	2	25
Vinyl chloride	5.0	U	50.0	47.0		ug/L		94	30 - 140	11	35
1,2-Dichlorobenzene	5.0	U	50.0	49.2		ug/L		98	68 - 127	6	35
cis-1,2-Dichloroethene	5.0	U	50.0	51.9		ug/L		104	69 - 127	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 135*
4-Bromofluorobenzene (Surr)	*97*		*62 - 123*
Toluene-d8 (Surr)	*100*		*71 - 118*
Dibromofluoromethane (Surr)	*98*		*64 - 128*

Lab Sample ID: MB 180-180837/5
Matrix: Water
Analysis Batch: 180837

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	0.36	ug/L			07/01/16 12:48	1
Tetrachloroethene	1.0	U	1.0	0.27	ug/L			07/01/16 12:48	1
Toluene	1.0	U	1.0	0.28	ug/L			07/01/16 12:48	1
Trichloroethene	1.0	U	1.0	0.26	ug/L			07/01/16 12:48	1
Vinyl chloride	1.0	U	1.0	0.32	ug/L			07/01/16 12:48	1
1,2-Dichlorobenzene	1.0	U	1.0	0.28	ug/L			07/01/16 12:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.29	ug/L			07/01/16 12:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 135*		*07/01/16 12:48*	*1*
4-Bromofluorobenzene (Surr)	*100*		*62 - 123*		*07/01/16 12:48*	*1*
Toluene-d8 (Surr)	*103*		*71 - 118*		*07/01/16 12:48*	*1*
Dibromofluoromethane (Surr)	*102*		*64 - 128*		*07/01/16 12:48*	*1*

Lab Sample ID: LCS 180-180837/1002
Matrix: Water
Analysis Batch: 180837

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	10.0	9.23		ug/L		92	60 - 140
Tetrachloroethene	10.0	10.8		ug/L		108	73 - 127
Toluene	10.0	10.9		ug/L		109	74 - 126
Trichloroethene	10.0	9.83		ug/L		98	73 - 125
Vinyl chloride	10.0	9.13		ug/L		91	30 - 140
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	68 - 127
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	69 - 127

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

Lab Sample ID: LCS 180-180837/1002
Matrix: Water
Analysis Batch: 180837

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 135*
4-Bromofluorobenzene (Surr)	*109*		*62 - 123*
Toluene-d8 (Surr)	*104*		*71 - 118*
Dibromofluoromethane (Surr)	*98*		*64 - 128*

Lab Sample ID: 180-56185-F-2 MSD
Matrix: Water
Analysis Batch: 180837

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	1.0	U	10.0	10.9		ug/L		109	60 - 140	3	25
Tetrachloroethene	0.41	J	10.0	10.8		ug/L		104	73 - 127	10	25
Toluene	1.0	U	10.0	11.4		ug/L		114	74 - 126	1	25
Trichloroethene	5.0		10.0	14.8		ug/L		98	73 - 125	2	25
Vinyl chloride	18		10.0	23.7		ug/L		57	30 - 140	3	35
1,2-Dichlorobenzene	1.0	U	10.0	10.9		ug/L		109	68 - 127	6	35
cis-1,2-Dichloroethene	9.1		10.0	18.9		ug/L		98	69 - 127	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*109*		*58 - 135*
4-Bromofluorobenzene (Surr)	*110*		*62 - 123*
Toluene-d8 (Surr)	*107*		*71 - 118*
Dibromofluoromethane (Surr)	*106*		*64 - 128*

Lab Sample ID: 180-56185-G-2 MS
Matrix: Water
Analysis Batch: 180837

Client Sample ID: Matrix Spike
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	11.2		ug/L		112	60 - 140
Tetrachloroethene	0.41	J	10.0	11.9		ug/L		115	73 - 127
Toluene	1.0	U	10.0	11.6		ug/L		116	74 - 126
Trichloroethene	5.0		10.0	14.5		ug/L		96	73 - 125
Vinyl chloride	18		10.0	24.5		ug/L		65	30 - 140
1,2-Dichlorobenzene	1.0	U	10.0	10.3		ug/L		103	68 - 127
cis-1,2-Dichloroethene	9.1		10.0	18.9		ug/L		98	69 - 127

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*105*		*58 - 135*
4-Bromofluorobenzene (Surr)	*106*		*62 - 123*
Toluene-d8 (Surr)	*103*		*71 - 118*
Dibromofluoromethane (Surr)	*99*		*64 - 128*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-180267/1-A
Matrix: Water
Analysis Batch: 180422

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 180267

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.057	ug/L		06/27/16 07:48	06/28/16 08:45	1
Chromium	5.0	U	5.0	0.69	ug/L		06/27/16 07:48	06/28/16 08:45	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:48	06/28/16 08:45	1

Lab Sample ID: LCS 180-180267/2-A
Matrix: Water
Analysis Batch: 180422

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 180267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	50.4		ug/L		101	85 - 115
Chromium	200	196		ug/L		98	85 - 115
Lead	500	506		ug/L		101	85 - 115

Lab Sample ID: 180-55996-D-1-B MS
Matrix: Water
Analysis Batch: 180422

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 180267

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	5.0	U	50.0	50.1		ug/L		100	70 - 130
Chromium	5.7		200	203		ug/L		98	70 - 130
Lead	10	U	500	514		ug/L		103	70 - 130

Lab Sample ID: 180-55996-D-1-C MSD
Matrix: Water
Analysis Batch: 180422

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 180267

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	5.0	U	50.0	50.1		ug/L		100	70 - 130	0	20
Chromium	5.7		200	209		ug/L		101	70 - 130	3	20
Lead	10	U	500	515		ug/L		103	70 - 130	0	20

Lab Sample ID: MB 180-180268/1-A
Matrix: Water
Analysis Batch: 180485

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 180268

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.057	ug/L		06/27/16 07:49	06/28/16 12:08	1
Chromium	5.0	U	5.0	0.69	ug/L		06/27/16 07:49	06/28/16 12:08	1
Lead	10	U	10	2.7	ug/L		06/27/16 07:49	06/28/16 12:08	1

Lab Sample ID: LCS 180-180268/2-A
Matrix: Water
Analysis Batch: 180485

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 180268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	48.7		ug/L		97	85 - 115
Chromium	200	189		ug/L		94	85 - 115
Lead	500	488		ug/L		98	85 - 115

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

Lab Sample ID: 180-55991-9 MS
Matrix: Water
Analysis Batch: 180485

Client Sample ID: SW-18036-062316-009
Prep Type: Total Recoverable
Prep Batch: 180268

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	5.0	U	50.0	48.0		ug/L		96	70 - 130
Chromium	14		200	207		ug/L		96	70 - 130
Lead	9.5	J	500	499		ug/L		98	70 - 130

Lab Sample ID: 180-55991-9 MSD
Matrix: Water
Analysis Batch: 180485

Client Sample ID: SW-18036-062316-009
Prep Type: Total Recoverable
Prep Batch: 180268

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	5.0	U	50.0	47.1		ug/L		94	70 - 130	2	20
Chromium	14		200	206		ug/L		96	70 - 130	1	20
Lead	9.5	J	500	488		ug/L		96	70 - 130	2	20

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

Lab Sample ID: MB 180-180324/2
Matrix: Water
Analysis Batch: 180324

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	0.50	U	0.50	0.50	mg/L			06/27/16 13:21	1

Lab Sample ID: LCS 180-180324/1
Matrix: Water
Analysis Batch: 180324

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	49.0	48.0		mg/L		98	80 - 120

Lab Sample ID: 180-55991-4 DU
Matrix: Water
Analysis Batch: 180324

Client Sample ID: SW-18036-062316-004
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	260		259		mg/L		2	10

Lab Sample ID: 180-55991-9 DU
Matrix: Water
Analysis Batch: 180324

Client Sample ID: SW-18036-062316-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	240		234		mg/L		1	10

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-180277/1
Matrix: Water
Analysis Batch: 180277

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	7.050		SU		101	99 - 101		

Lab Sample ID: 180-55991-9 DU
Matrix: Water
Analysis Batch: 180277

Client Sample ID: SW-18036-062316-009
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.44	HF		7.460	HF	SU				0.3	2

GC/MS VOA

Analysis Batch: 180567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55991-1	SW-18036-062316-001	Total/NA	Water	624	
180-55991-2	SW-18036-062316-002	Total/NA	Water	624	
180-55991-3	SW-18036-062316-003	Total/NA	Water	624	
180-55991-4	SW-18036-062316-004	Total/NA	Water	624	
180-55991-5	SW-18036-062316-005	Total/NA	Water	624	
LCS 180-180567/1002	Lab Control Sample	Total/NA	Water	624	
MB 180-180567/7	Method Blank	Total/NA	Water	624	

Analysis Batch: 180705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55991-6	SW-18036-062316-006	Total/NA	Water	624	
180-55991-7	SW-18036-062316-007	Total/NA	Water	624	
180-55991-9	SW-18036-062316-009	Total/NA	Water	624	
180-55991-9 MS	SW-18036-062316-009	Total/NA	Water	624	
180-55991-9 MSD	SW-18036-062316-009	Total/NA	Water	624	
180-55991-12	TB-18036-062316-001	Total/NA	Water	624	
LCS 180-180705/1002	Lab Control Sample	Total/NA	Water	624	
MB 180-180705/5	Method Blank	Total/NA	Water	624	

Analysis Batch: 180837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55991-8	SW-18036-062316-008	Total/NA	Water	624	
180-55991-10	SW-18036-062316-010	Total/NA	Water	624	
180-55991-11	SW-18036-062316-011	Total/NA	Water	624	
180-56185-F-2 MSD	Matrix Spike Duplicate	Total/NA	Water	624	
180-56185-G-2 MS	Matrix Spike	Total/NA	Water	624	
LCS 180-180837/1002	Lab Control Sample	Total/NA	Water	624	
MB 180-180837/5	Method Blank	Total/NA	Water	624	

Metals

Prep Batch: 180267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55991-1	SW-18036-062316-001	Total Recoverable	Water	200.7	
180-55991-2	SW-18036-062316-002	Total Recoverable	Water	200.7	
180-55991-3	SW-18036-062316-003	Total Recoverable	Water	200.7	
180-55996-D-1-B MS	Matrix Spike	Total Recoverable	Water	200.7	
180-55996-D-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7	
LCS 180-180267/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-180267/1-A	Method Blank	Total Recoverable	Water	200.7	

Prep Batch: 180268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55991-4	SW-18036-062316-004	Total Recoverable	Water	200.7	
180-55991-5	SW-18036-062316-005	Total Recoverable	Water	200.7	
180-55991-6	SW-18036-062316-006	Total Recoverable	Water	200.7	
180-55991-7	SW-18036-062316-007	Total Recoverable	Water	200.7	
180-55991-8	SW-18036-062316-008	Total Recoverable	Water	200.7	
180-55991-9	SW-18036-062316-009	Total Recoverable	Water	200.7	
180-55991-9 MS	SW-18036-062316-009	Total Recoverable	Water	200.7	

Metals (Continued)

Prep Batch: 180268 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55991-9 MSD	SW-18036-062316-009	Total Recoverable	Water	200.7	
180-55991-10	SW-18036-062316-010	Total Recoverable	Water	200.7	
180-55991-11	SW-18036-062316-011	Total Recoverable	Water	200.7	
LCS 180-180268/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-180268/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 180422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55991-1	SW-18036-062316-001	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55991-2	SW-18036-062316-002	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55991-3	SW-18036-062316-003	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55996-D-1-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	180267
180-55996-D-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	180267
LCS 180-180267/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	180267
MB 180-180267/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	180267

Analysis Batch: 180485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55991-4	SW-18036-062316-004	Total Recoverable	Water	200.7 Rev 4.4	180268
180-55991-5	SW-18036-062316-005	Total Recoverable	Water	200.7 Rev 4.4	180268
180-55991-6	SW-18036-062316-006	Total Recoverable	Water	200.7 Rev 4.4	180268
180-55991-6	SW-18036-062316-006	Total Recoverable	Water	200.7 Rev 4.4	180268
180-55991-7	SW-18036-062316-007	Total Recoverable	Water	200.7 Rev 4.4	180268
180-55991-8	SW-18036-062316-008	Total Recoverable	Water	200.7 Rev 4.4	180268
180-55991-9	SW-18036-062316-009	Total Recoverable	Water	200.7 Rev 4.4	180268
180-55991-9 MS	SW-18036-062316-009	Total Recoverable	Water	200.7 Rev 4.4	180268
180-55991-9 MSD	SW-18036-062316-009	Total Recoverable	Water	200.7 Rev 4.4	180268
180-55991-10	SW-18036-062316-010	Total Recoverable	Water	200.7 Rev 4.4	180268
180-55991-11	SW-18036-062316-011	Total Recoverable	Water	200.7 Rev 4.4	180268
LCS 180-180268/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	180268
MB 180-180268/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	180268

General Chemistry

Analysis Batch: 180277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55991-1	SW-18036-062316-001	Total/NA	Water	SM 4500 H+ B	
180-55991-2	SW-18036-062316-002	Total/NA	Water	SM 4500 H+ B	
180-55991-3	SW-18036-062316-003	Total/NA	Water	SM 4500 H+ B	
180-55991-4	SW-18036-062316-004	Total/NA	Water	SM 4500 H+ B	
180-55991-5	SW-18036-062316-005	Total/NA	Water	SM 4500 H+ B	
180-55991-6	SW-18036-062316-006	Total/NA	Water	SM 4500 H+ B	
180-55991-7	SW-18036-062316-007	Total/NA	Water	SM 4500 H+ B	
180-55991-8	SW-18036-062316-008	Total/NA	Water	SM 4500 H+ B	
180-55991-9	SW-18036-062316-009	Total/NA	Water	SM 4500 H+ B	
180-55991-9 DU	SW-18036-062316-009	Total/NA	Water	SM 4500 H+ B	
180-55991-10	SW-18036-062316-010	Total/NA	Water	SM 4500 H+ B	
180-55991-11	SW-18036-062316-011	Total/NA	Water	SM 4500 H+ B	
LCS 180-180277/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

General Chemistry (Continued)

Analysis Batch: 180324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-55991-1	SW-18036-062316-001	Total/NA	Water	SM 2540D	
180-55991-2	SW-18036-062316-002	Total/NA	Water	SM 2540D	
180-55991-3	SW-18036-062316-003	Total/NA	Water	SM 2540D	
180-55991-4	SW-18036-062316-004	Total/NA	Water	SM 2540D	
180-55991-4 DU	SW-18036-062316-004	Total/NA	Water	SM 2540D	
180-55991-5	SW-18036-062316-005	Total/NA	Water	SM 2540D	
180-55991-6	SW-18036-062316-006	Total/NA	Water	SM 2540D	
180-55991-7	SW-18036-062316-007	Total/NA	Water	SM 2540D	
180-55991-8	SW-18036-062316-008	Total/NA	Water	SM 2540D	
180-55991-9	SW-18036-062316-009	Total/NA	Water	SM 2540D	
180-55991-9 DU	SW-18036-062316-009	Total/NA	Water	SM 2540D	
180-55991-10	SW-18036-062316-010	Total/NA	Water	SM 2540D	
180-55991-11	SW-18036-062316-011	Total/NA	Water	SM 2540D	
LCS 180-180324/1	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 180-180324/2	Method Blank	Total/NA	Water	SM 2540D	

CHAIN OF CUSTODY RECORD

COC NO.: 55703

180-55991 Chain of Custody

Address: 2055 Niagara Falls Blvd, Niagara Falls, NY — PAGE 1 OF 1

Phone: (716) 297-6150 — Fax: (716) 297-2265

Project No/ Phase/Task Code: 18036-2014	Laboratory Name: TestAmerica	Lab Location: Pittsburgh, PA	SSOW ID: 18036-CBS
Project Name: Quarterly Storm Sewer Sampling-CBS	Lab Contact: Jill Colussy		Cooler No:
Project Location: Buffalo-Niagara International Airport			Carrier: Fed Ex
GHD Chemistry Contact: Sue Scrocchi			Airbill No:
Sampler(s): Kevin Lynch			Total # of Containers: 76

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Filtered (Y/N)	624 PPL List	200.7 Metals	2540D TSS	pH	Total Containers/sample	MS/MSD Request	Comments/ Special Instructions:
	PRESERVATION - (SEE BACK OF COC FOR ABBREVIATIONS)						HCl	HNO3	1	1			
1	SW-18036-062316-001	6/23/16	0800	WS	G	N	3	1	1	1	6		
2	SW-18036-062316-002		0900				3	1	1	1	6		
3	SW-18036-062316-003		0930				3	1	1	1	6		
4	SW-18036-062316-004		0945				3	1	1	1	6		11.23 pH
5	SW-18036-062316-005		1015				3	1	1	1	6		11.44 pH
6	SW-18036-062316-006		1015				3	1	1	1	6		11.44 pH
7	SW-18036-062316-007		1045				3	1	1	1	6		9.71 pH
8	SW-18036-062316-008		1130				3	1	1	1	6		
9	SW-18036-062316-009		1200				9	3	3	1	16	X	No MS/MSD for pH
10	SW-18036-062316-010	1245	1245				3	1	1	1	6		
11	SW-18036-062316-011		1315				3	1	1	1	6		
12	TB-18036-062316-001	↓	—	↓	↓	↓	2	—	—	—	2		

TAT Required in business days (use separate COCs for different TATs): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☒ Other: Per CBS Contract

Notes/ Special Requirements: No QC for pH samples. pH also field measured. Elevated pH samples noted above - may affect preservation

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
				1. Dallice Watson	TAP	6-24-16	8:50
				2.			
				3.			

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

WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

GHD Form: COC-10B (20110804)

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7/6/2016

Login Sample Receipt Checklist

Client: Brausch Environmental LLC

Job Number: 180-55991-1

Login Number: 55991
List Number: 1
Creator: Watson, Debbie

List Source: TestAmerica Pittsburgh

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

ATTACHMENT C

DATA VALIDATION AND USABILITY EVALUATION
JUNE 2016 GROUNDWATER AND SURFACE WATER SAMPLING

Memorandum

To:	Leo Brausch [lbrausch@brauschenv.com], Jim Kay	Ref. No.:	018036
From:	Paul McMahon/mkd/7-NF	Date:	July 13, 2016
cc:	Kevin Lynch		

Re: Analytical Results and Reduced Validation
Groundwater and Surface Water Monitoring Program
CBS Corporation Airport Site – Cheektowaga, New York
June 2016

1. Introduction

This document details a reduced validation of analytical results for surface water and groundwater samples collected at the Cheektowaga, New York Site on June 23, 2016. 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

GHD Services Inc.
2055 Niagara Falls Boulevard Niagara Falls New York 14304 USA
T 716 297 6150 F 716 297 2265 W www.ghd.com

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 method 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 were acceptable, demonstrating good analytical efficiency.

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.

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. Most results were non-detect for the compounds of interest. Methylene chloride was detected in the surface water trip blank. Associated detected sample results with similar concentrations were qualified as non-detect (see Table 4).

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 reporting limit (RL), the evaluation criterion is one times the RL 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 reporting limit (RL) but greater than the MDL were qualified as estimated (J) unless qualified otherwise in this memorandum.

Due to matrix interferences, dilutions were required for the lead analysis for samples collected from locations MW-5, MW-28, and 2C. The reporting limit for lead was adjusted accordingly by the laboratory.

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 2016

Sample ID	Location ID	Collection Date (mm/dd/yy)	Collection Time (hr:min)	Analysis/Parameters: VOCs	Metals	pH/TSS	Comments
Surface Water							
SW-18036-062316-001	1B	06/23/2016	08:00	X	X	X	
SW-18036-062316-002	1C	06/23/2016	09:00	X	X	X	
SW-18036-062316-003	2A	06/23/2016	09:30	X	X	X	
SW-18036-062316-004	2B	06/23/2016	09:45	X	X	X	
SW-18036-062316-005	2C	06/23/2016	10:15	X	X	X	
SW-18036-062316-006	2C	06/23/2016	10:15	X	X	X	Duplicate of SW-18036-062316-05
SW-18036-062316-007	3A	06/23/2016	10:45	X	X	X	
SW-18036-062316-008	2D	06/23/2016	11:30	X	X	X	
SW-18036-062316-009	3C	06/23/2016	12:00	X	X	X	MS/MSD/DUP
SW-18036-062316-010	3B	06/23/2016	12:45	X	X	X	
SW-18036-062316-011	1A	06/23/2016	13:15	X	X	X	
TB-18036-062316-01	-	06/23/2016	-	X			Trip Blank
Groundwater							
WG-18036-062316-SG-001	MW-34D	06/23/2016	08:40	X	X		
WG-18036-062316-SG-002	MW-34	06/23/2016	08:40	X	X		
WG-18036-062316-SG-003	MW-30	06/23/2016	09:55	X	X		
WG-18036-062316-SG-004	MW-35	06/23/2016	09:35	X	X		MS/MSD
WG-18036-062316-SG-005	MW-33	06/23/2016	11:05	X	X		
WG-18036-062316-SG-006	MW-2	06/23/2016	11:00	X	X		
WG-18036-062316-SG-007	MW-32	06/23/2016	12:05	X	X		
WG-18036-062316-SG-008	MW-28	06/23/2016	11:55	X	X		
WG-18036-062316-SG-009	MW-32	06/23/2016	12:05	X	X		Duplicate of WG-18036-062316-SG-007
WG-18036-062316-SG-010	MW-31	06/23/2016	13:05	X	X		
WG-18036-062316-SG-011	MW-5	06/23/2016	13:55	X	X		
TB-18036-062316-SG	-	06/23/2016	-	X			Trip Blank

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 2016

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, (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 2016

Parameter	Holding Time	Holding Time Criteria	Sample ID	Qualified Sample Results	Units
pH	4 days	15 minutes	SW-18036-062316-001	8.13 J	S.U.
			SW-18036-062316-002	8.06 J	S.U.
			SW-18036-062316-003	8.09 J	S.U.
			SW-18036-062316-004	11.2 J	S.U.
			SW-18036-062316-005	11.6 J	S.U.
			SW-18036-062316-006	11.6 J	S.U.
			SW-18036-062316-007	9.47 J	S.U.
			SW-18036-062316-008	8.13 J	S.U.
			SW-18036-062316-009	7.44 J	S.U.
			SW-18036-062316-010	7.72 J	S.U.
			SW-18036-062316-011	7.84 J	S.U.

Notes:

J - Estimated concentration
S.U. - Standard Units

Table 4

Qualified Sample Results Due to Analyte Concentrations in the Trip Blank
Groundwater and Surface Water Monitoring Program
CBS Corporation Airport Site
Cheektowaga, New York
June 2016

Parameter	Blank Date	Analyte	Blank Result	Sample ID	Original Sample Result	Qualified Sample Result	Units
VOCs	06/23/2016	Methylene Chloride	0.43 J	SW-18036-062316-003	2.1 J	5.0 U	µg/L
				SW-18036-062316-004	1.3 J	3.0 U	µg/L
				SW-18036-062316-005	1.8 J	5.0 U	µg/L
				SW-18036-062316-009	3.0 J	5.0 U	µg/L
				SW-18036-062316-010	1.8 J	5.0 U	µg/L

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
VOCs - Volatile Organic Compounds