



CBS Corporation

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

Via Electronic and First-Class Mail

October 12, 2012

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

**Re: Monthly Operation and Maintenance Report
NYSDEC Site 9-15-066, Cheektowaga, New York**

Dear Mr. Locey:

On behalf of the Respondents to the Order on Consent and Settlement Agreement, Index No. B9-0381-91-8 (the "Order"), CBS Corporation (CBS) submits this monthly status report regarding operation and maintenance (O&M) activities at New York State Department of Environmental Conservation (NYSDEC) Site No. 9-15-066 in Cheektowaga, New York (the "Site"). Under an Agreement among the Respondents, CBS has managed the Remedial Program pursuant to the Order. This report addresses activities conducted in September 2012 and transmits the discharge monitoring report for this period.

1. Site Activities and Status

- A. The collection and treatment system operated throughout September 2012.
- B. On behalf of CBS, Conestoga-Rovers & Associates (CRA) conducted routine and non-routine O&M, and TestAmerica Laboratories, Inc. provided required analytical laboratory services.
- C. On September 7, 2012, CBS submitted the report, *Termination of Operation, Maintenance, and Monitoring Activities*, which provides the technical basis and rationale for the proposed closure of the groundwater collection and treatment system installed and operated as part of Operable Unit 2 at the Site.

- D. On September 12, 2012, representatives of CBS, NYSDEC, and the Niagara Frontier Transportation Authority (NFTA) met to discuss proposed plans and procedures to close the Operable Unit 2 groundwater collection and treatment system.
- E. On September 20, 2012, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for August 2012. That status report also transmitted the discharge monitoring data for August 2012.
- F. On September 27, 2012, CRA conducted the quarterly sampling of groundwater at monitoring well MW-32 located in Area P of the Site.
- G. CRA submitted electronic data deliverables to NYSDEC for the Site sampling as follows:
 - September 20, 2012: June 2012 semi-annual groundwater monitoring and August 2012 system effluent; and
 - September 24, 2012: July 2012 system effluent.
- H. CBS prepared the final closure plan for the Operable Unit 2 groundwater collection and treatment system.

2. Sampling Results and Other Site Data

- A. In September 2012, the groundwater system recovered and treated an estimated 44,000 gallons.¹
- B. Attachment A provides the discharge monitoring report for September 2012 based on the effluent sample collected on September 19, 2012. Attachment B provides the analytical laboratory report for this effluent sample.²
- C. In reviewing the treatment system effluent monitoring information, please note the following:
 - Flow data are provided via periodic on-site readings. The maximum daily flow was calculated from these data.

¹ Based on additional information and recalculation, the estimated total discharge for August 2012 has been revised to 37,000 gallons from the 36,000 gallons as indicated in the August 2012 monthly status report. Also, the maximum daily flow for August 2012, has been revised to 2,005 gallons per day (gpd) from the 1,926 gpd reported in the previously submitted discharge monitoring report. This adjustment in the maximum daily flow rate does not materially affect the calculated mass loadings of constituents in the discharge.

² CRA submitted to NYSDEC the electronic deliverables for these data on October 1, 2012.

- The pH data are provided via periodic on-site readings. Effluent pH data are reported only for measurements taken while the treatment pump is operating and the system is actively discharging.
 - The reported daily maximum values (pounds per day) are calculated using the maximum observed daily flow and the results of the monthly effluent monitoring, irrespective of whether the actual maximum daily flow occurred on the day of sampling.
- D. For the September 2012 reporting period, the effluent complied with all discharge limitations.
- E. Table 1 presents the results of influent sampling, including the data from the most-recent influent sample collected on September 19, 2012. No flow was observed from Sump 001 at the time of sampling, and this latest influent sample is a composite of the influent from the 002 and 003 portions of the system only. Attachment B includes the analytical laboratory report for this influent sample.
- F. Table 2 presents the results of quarterly monitoring of well MW-32 located in Area P at the northern portion of the Site, including the most-recent sample collected on September 27, 2012. Attachment C provides the analytical laboratory report for this groundwater sample.
- G. Figure 1 shows target volatile organic compound (VOC) concentrations over time at well MW-32. As shown in Figure 1, total target VOC concentrations decreased significantly at well MW-32 follow the *in-situ* chemical oxidation treatment that was conducted after the source removal specified in the June 1995 Record of Decision failed to result in low residual VOC concentrations in groundwater at this well. Following this decrease, and a brief rebound period, the VOC concentrations at well MW-32 have been relatively stable over the past 19 quarters of monitoring.

3. Upcoming Activities

- A. CBS will submit its plan for closure of the groundwater collection and treatment system and submit this plan for NYSDEC approval.³
- B. CBS will implement the groundwater collection and treatment system closure plan upon NYSDEC approval and assuming NFTA cooperation. The timing of the field work is, however, weather-dependent.

³ CBS submitted this plan on October 10, 2012.

Mr. David P. Locey

July 20, 2012

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- C. In accordance with prior communications with NYSDEC and NFTA, CBS will continue Site O&M activities through October 12, 2012, at which time CBS will look to NFTA to assume those activities.

4. Operational Problems

- A. CBS' work plan for shutdown and closure of the collection and treatment system includes a review of potential operational problems related to the shutdown and closure.

* * * *

Please contact me if you have questions regarding this status report.

Very truly yours,



Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

cc (via electronic mail):
W. D. Wall, Esq.
M. G. Graham, Esq.
K. P. Lynch, CRA
T. Carvana, NFTA

TABLES

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

Date of Sampling	Outfall	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
08/21/00	Composite	200 U	200 U	200 U	3,100	200 U	1.5	NA
08/29/00	Composite	200 U	200 U	200 U	8,500	200 U	0.7	NA
09/06/00	Composite	200 U	200 U	200 U	4,100	200 U	0.7 U	NA
09/13/00	Composite	400 U	400 U	400 U	9,600	400 U	1.6	NA
09/20/00	Composite	54 J	100 U	100 U	2,500	100 U	0.6 U	NA
09/27/00	Composite	100 U	100 U	100 U	2,200	100 U	0.68 J	NA
10/04/00	Composite	60 J	100 U	100 U	2,500	100 U	0.69 J	NA
10/10/00	Composite	23 J	25 U	25 U	430	25 U	0.5 U	NA
03/29/01	Composite	9.1 J	10 U	1.4 J	16	10 U	1.5	2.5 U
06/26/01	001	25	4.5 U	0.9 J	37	4.5 U	448	NA
06/26/01	002	16	4.5 U	2.3 J	280	4.5 U	3.0 U	NA
06/26/01	003	510	4.5 U	4.5 J	1,700	4.5 U	3.0 U	NA
09/29/01	Comp - Perm	18	25 U	4 J	8.3 J	10 U	0.25 U	7.4
09/29/01	Comp - Temp	14 J	25 U	25 U	350	25 U	0.25 U	8.7
12/21/01	Composite	14	10 U	10 U	130	10 U	1.7	4.1 U
03/14/02	Composite	18	10 U	10 U	130	10 U	0.29	4.5
10/15/02	Composite	11.3	530	9.0	990	16	5 U	NA
12/15/02	Composite	7.3	19	0.16	46	1.3	8.4	50 U
03/15/03	Composite	7.8	14	1.0	29	NA	21	3 U
06/11/03	Composite	11.0	130	64	570	25 U	4.2	5.5
09/09/03	Composite	8.6	290	25 U	620	15	3.0	3.5
12/10/03	Composite	8.6	54	25 U	430	25 U	2.5	3.0
03/12/04	Composite	7.7	51	2.0 U	3.9	2.0 U	1.4	1.6
06/09/04	Composite	8.3	54	40 U	650	40 U	1.8	6.8

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

Date of Sampling	Outfall	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
09/13/04	Composite	10.3	98	10 U	250	10 U	1.8	2.2
12/13/04	Composite	140	4.4 J	20 U	470	20 U	0.81 J	1.6 J
03/23/05	Composite	46	15 U	15 U	250	15 U	2.1 J	1.5 U
06/09/05	Composite	100	15 U	15 U	1,200	5.4 J	1.2 J	3.0 U
10/03/05	Composite	26	1.0 U	2.0	8.6	11	5.0 U	3.0 U
12/16/05	Composite	34	5.0 U	5.0 U	140	3.5 J	0.68 J	3.0 U
03/13/06	Composite	36	10 U	10 U	190	2.6 J	0.95 J	2.0 J
05/09/06	Composite	87	10 U	10 U	710	5.6 J	1.0 J	3.0 U
06/12/06	Composite	72	3.3 U	3.3 U	190	4.0 J	0.72 J	3.0 U
09/11/06	Composite	16	5.0 U	5.0 U	85	5 U	0.47 J	2.0 J
12/11/06	Composite	14	5.0 U	5.0 U	71	1.8 J	5.0 U	3.0 U
03/22/07	Composite	32	5.0 U	2.7 J	130	4.6 J	1.2 J	3.0 U
06/20/07	Composite	31	0.45 J	0.76 J	210	1.7 J	0.44 J	3.0 U
09/17/07	Composite	89	20 U	20 U	730	7.0 J	5.0 U	3.0 U
12/18/07	Composite	18	2.0 U	2.0 U	90	1.5 J	5.0 U	3.0 U
03/19/08	Composite	12	0.38 J	1.0 J	120	1.2 J	5.0 U	3.0 U
06/17/08	Composite	20	4.0 U	4.0 U	190	2.3 J	5.0 U	3.0 U
09/18/08	Composite	20	2.0 U	2.0 U	180	4.4	5.0 U	3.0 U
12/18/08	Composite	19	0.17 J	2.0 U	98	2.8	5.0 U	3.0 U
03/30/09	Composite	5.2	1.0 U	1.0 U	73	1.6	5.0 U	3.0 U
06/12/09	Composite	18	5.0 U	1.1 J	180	2.5 J	5.0 U	3.0 U
09/30/09	Composite (002 & 003)	43	10 U	10 U	310	4.4 J	0.85 J	3.0 U
12/29/09	Composite (002 & 003)	19	2.0 U	0.51 J	120	1.1 J	0.56 J	1.9 J

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

Date of Sampling	Outfall	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
03/17/10	Composite (002 & 003)	13	0.29 J	0.56 J	93	2.2	5.0 U	1.8 J
06/30/10	Composite (002 & 003)	24	3.3 U	3.3 U	310	1.2 J	5.0 U	5.0 U
09/28/10	Composite (002 & 003)	18	2.0 U	2.0 U	140	0.77 J	5.0 U	5.0 U
01/19/11	Composite (002 & 003)	79	5.0 U	5.0 U	340	6.3	5.0 U	3.0 U
03/30/11	Composite (002 & 003)	76	5.0 U	5.0 U	180	3.7 J	5.0 U	15 U
06/09/11	Composite (002 & 003)	37	13 U	13 U	230	13 U	5.0 U	3.0 U
09/15/11	Composite (002 & 003)	160	110	13 U	460	13 J	5.0 U	3.0 U
12/12/11	Composite (002 & 003)	56	10 U	10 U	200	10 U	5.0 U	1.3 J
03/14/12	Composite (002 & 003)	15	10 U	10 U	120	10 U	5.0 U	3.0 U
06/12/12	Composite (002 & 003)	20	10 U	10 U	170	10 U	2.0 J	3.0 U
09/19/12	Composite (002 & 003)	46	25 U	25 U	310	25 U	5.0 U	6.0 U

Data Legend:

"NA" - indicates not analyzed

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

For clarity, the results of the most-recent sampling round are highlighted in light green.

Data qualifiers:

U - not detected at indicated detection limit

J - estimated concentration below reporting limit but above minimum detection limit.

Table 2
Summary of Groundwater Monitoring Data, Well MW-32
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
05/11/00	1,500	5 U	5 U	3,700	540	5 U	3 U
12/01/00	2,200	5 U	5 U	1,200	110	1 U	10 U
12/01/00 (Dup)	2,300	10 U	10 U	1,900	230 J	NA	NA
03/30/01	1,600	100 U	100 U	650	340	5 U	3 U
03/30/01 (Dup)	1,500	100 U	100 U	610	310	5 U	3 U
06/21/01	2,800	250 U	250 U	4,100	890	5 U	3 U
06/21/01 (Dup)	2,700	250 U	250 U	4,000	830	5 U	3 U
09/13/01	4,000	250 U	250 U	2,900	1,000	0.70 J	3 U
09/13/01 (Dup)	4,100	250 U	250 U	2,800	1,100	0.83 J	3 U
12/13/01	2,300	200 U	200 U	2,500	590	5 U	3 U
12/31/01 (Dup)	2,200	200 U	200 U	2,400	560	5 U	3 U
03/14/02	560	250 U	250 U	730	98	5 U	3 U
03/14/02 (Dup)	570	250 U	250 U	710	100	5 U	3 U
07/10/02	1,200	NA	NA	2,000	190	NA	NA
12/31/02	480	NA	50 U	530	66	0.34 J	4.9
12/31/02 (Dup)	510	NA	50 U	580	77	5 U	4.7
03/29/03	1,000	80 U	80 U	740	150	5 U	3 U
06/17/03	1,100	200 U	200 U	2,400	130 J	0.34 J	4.9
06/17/03 (Dup)	1,100	100 U	100 U	1,700	110	5 U	3 U
09/26/03	2,800	100 U	100 U	8,100	310 J	5 U	3 U
12/22/03	1,000	100 U	100 U	1,300	97 J	5 U	1.1 J
03/29/04	460	10 U	10 U	570	20 J	5 U	3 U
06/30/04	620	200 U	200 U	1,900	200 U	5 U	3 U
09/13/04	2,100	200 U	200 U	2,900	130 J	5 U	1.8 J
12/17/04	640	10 U	10 U	420	45	5 U	3 U
12/17/04 (Dup)	760	50 U	50 U	790	50 J	5 U	2.3 J
03/31/05	570	50 U	50 U	680	49 J	5 U	3 U
06/22/05	540	10 U	10 U	810	100	5 U	3 U
06/22/05 (Dup)	1,100	100 U	100 U	880	140	5 U	3 U
09/09/05	1,400	330 U	330 U	1,700	96 J	5 U	3 U
12/14/05	900	10 U	10 U	700	56	5 U	3 U
12/14/05 (Dup)	1,200	100 U	100 U	750	68 J	5 U	3 U

Table 2
Summary of Groundwater Monitoring Data, Well MW-32
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
03/23/06	350	30 U	30 U	290	36	5 U	3 U
06/13/06	410	50 U	50 U	440	13 J	5 U	3 U
06/13/06 (Dup)	540	50 U	50 U	880	51	5 U	3 U
09/11/06	1,400	150 U	150 U	2,000	85 J	0.34 J	4.9 J
12/12/06	290	40 U	40 U	67	42 J	5 U	1.2 B
12/12/06 (Dup)	590	50 U	50 U	240	75 J	5 U	3.1
03/27/07	380	10 U	10 U	22	36 J	5 U	2.4 J
06/26/07	1,700	150 U	150 U	23 J	710	5 U	1.5 J
09/17/07	2,500	150 U	150 U	410	140	5 U	1.5 J
12/19/07	1,500	150 U	150 U	160	200	0.29 J	3.0
12/19/07 (Dup)	1,500	100 U	100 U	170	200	5 U	3 U
03/19/08	530	40 U	40 U	110	53	0.38 J	2.2 J
06/26/08	520	50 U	50 U	310	27 J	5 U	1 U
09/30/08	420	50 U	50 U	120	48	5 U	1 U
12/11/08	200	20 U	20 U	200	9.9 J	5 U	5.4
12/11/08 (Dup)	170	10 U	10 U	180	9.0 J	5 U	3.5
03/05/09	280	20 U	20 U	170	25	0.090 J	4.1
06/22/09	430	40 U	40 U	590	22 J	5 U	1.6 J
06/22/09 (Dup)	410	40 U	40 U	540	24 J	5 U	3.4
09/10/09	320	25 U	25 U	330	26	5 U	3.8
12/07/09	390	50 U	50 U	370	17 J	5 U	2.5 J
12/07/09 (Dup)	380	50 U	50 U	370	16 J	5 U	1.1 J
03/22/10	360	25 U	25 U	160	25 J	5 U	3.1
06/14/10	260	20 U	20 U	250	18 J	5 U	2.5 J
09/03/10	240	20 U	20 U	240	17 J	5 U	3 U
12/21/10	400	50 U	50 U	290	22 J	5 U	3 U
03/24/11	210	20 U	20 U	130	11 J	5 U	3 U
06/14/11	190	5 U	5 U	210	11	5 U	1.6 J

Table 2
Summary of Groundwater Monitoring Data, Well MW-32
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
09/09/11	330	10 U	10 U	410	32	5 U	3 U
12/16/11	230	13 U	13 U	280	19	5 U	3 U
03/13/12	230	5 U	5 U	260	13	0.19 J	3 U
06/19/12	210	25 U	25 U	200	11 J	5 U	1.4 J
09/27/12	540	25 U	25 U	430	45	0.13 J	3.0

Data Legend:

"NA" - indicates not analyzed

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

For clarity, the results of the most-recent sampling round are highlighted in light green.

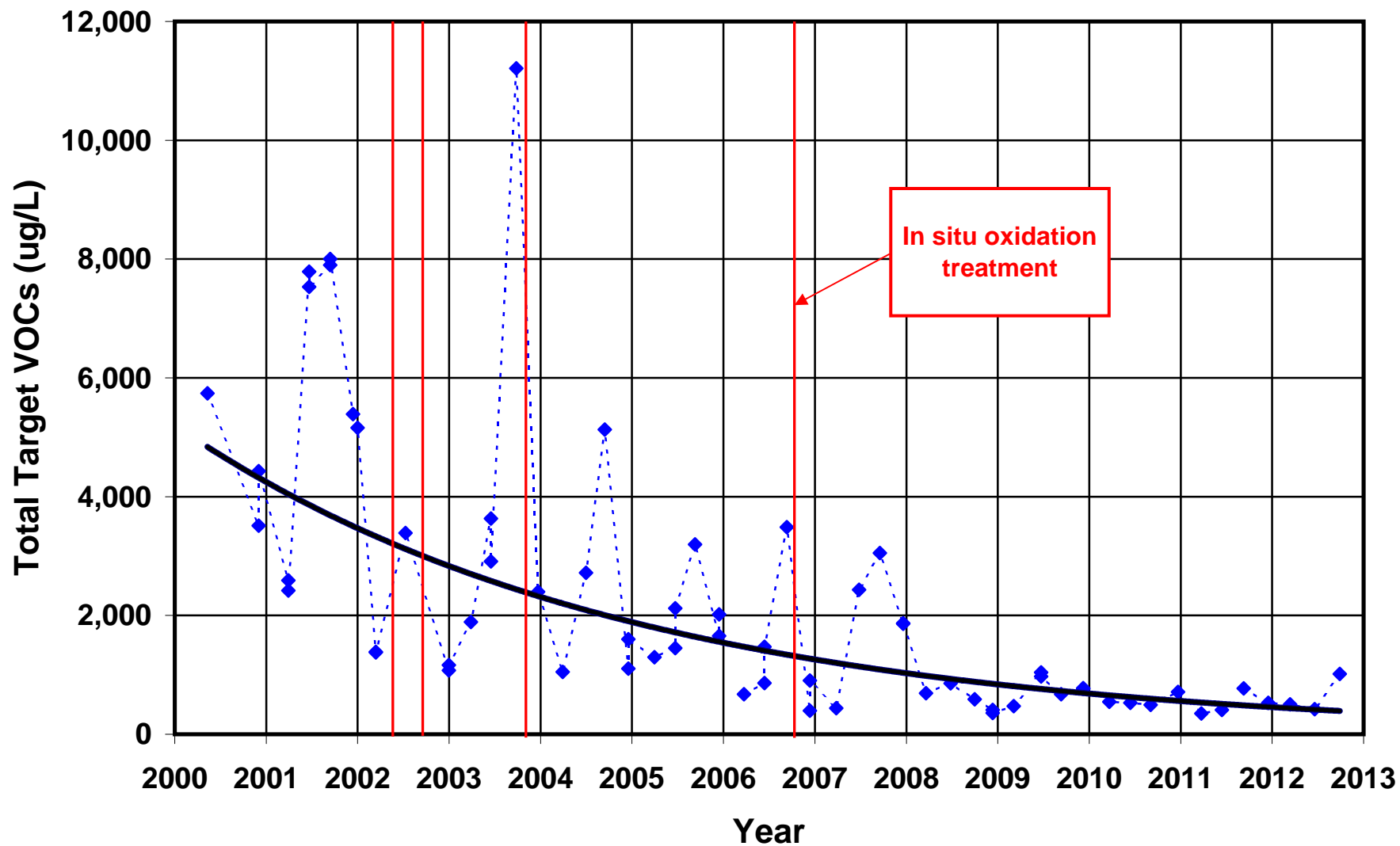
Data qualifiers:

U - not detected at indicated reporting limit

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

FIGURE

Figure 1: Total Target VOCs at MW-32



ATTACHMENT A
DISCHARGE MONITORING REPORT
SEPTEMBER 2012

Discharge Monitoring Data
Outfall 001 - Treated Groundwater Remediation Discharge
NYSDEC Site No. 9-15-006
Cheektowaga, New York

Reporting Month & Year **Sep-12**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		2,103	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	7.15	7.29	s.u.		8	Grab
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		< 4.0	mg/L	< 0.07	1	Grab
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		< 1.0	ug/L	< 0.00002	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		< 1.0	ug/L	< 0.00002	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00002	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00002	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00002	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00002	1	Grab
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		< 1.0	ug/L	< 0.00002	1	Grab
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		< 5.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
ANALYTICAL LABORATORY REPORT
SEPTEMBER 2012 EFFLUENT AND INFLUENT SAMPLES

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: 180-14617-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

9/28/2012 7:36:32 PM

Jill Colussy

Project Manager I

jill.colussy@testamericainc.com

LINKS

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Have a Question?



Visit us at:

www.testamericainc.com

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

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

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Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

Job ID: 180-14617-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-14617-1

Receipt

The samples were received on 9/20/2012 @ 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8° C.

GC/MS VOA

Due to the concentration of target compounds detected, sample INFLUENT (180-14617-2) was analyzed at a dilution. Elevated reporting limits (RLs) are provided.

Metals

Sample INFLUENT (180-14617-2) was analyzed at dilution for lead. This analyte was reported from the 6500ICP, for which internal standards, indium and yttrium, are added to all standards and samples during analysis. The indium counts in this sample was outside of QC criteria (70-130% of the indium counts in the ICB), therefore, the analytes referencing indium were diluted for analysis. Elevated reporting limits (RLs) are provided.

General Chemistry

pH is a field parameter. Laboratory pH analysis was completed at the request of the client.

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Definitions/Glossary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

Qualifiers

GC/MS VOA

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

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
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
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

Laboratory: TestAmerica Pittsburgh

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-13
California	NELAC	9	4224CA	03-31-13
Connecticut	State Program	1	PH-0688	09-30-12
Florida	NELAC	4	E871008	06-30-13
Illinois	NELAC	5	002602	06-30-13
Kansas	NELAC	7	E-10350	01-31-13
L-A-B	DoD ELAP		L2314	02-24-13
Louisiana	NELAC	6	04041	06-30-13
New Hampshire	NELAC	1	203011	04-04-13
New Jersey	NELAC	2	PA005	06-30-13
New York	NELAC	2	11182	04-01-13
North Carolina DENR	State Program	4	434	12-31-12
Pennsylvania	NELAC	3	02-00416	04-30-13
South Carolina	State Program	4	89014	04-30-13
USDA	Federal		P-Soil-01	04-16-15
USDA	Federal		P330-10-00139	04-28-13
Utah	NELAC	8	STLP	04-30-13
Virginia	NELAC	3	460189	09-14-13
West Virginia DEP	State Program	3	142	01-31-13
Wisconsin	State Program	5	998027800	08-31-13

Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-14617-1	EFFLUENT	Water	09/19/12 13:00	09/20/12 09:00
180-14617-2	INFLUENT	Water	09/19/12 13:00	09/20/12 09:00

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Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

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



Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-14617-1

Date Collected: 09/19/12 13:00

Matrix: Water

Date Received: 09/20/12 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			09/26/12 14:20	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			09/26/12 14:20	1
Toluene	1.0	U	1.0	0.15	ug/L			09/26/12 14:20	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			09/26/12 14:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			09/26/12 14:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/26/12 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		58 - 135		09/26/12 14:20	1
4-Bromofluorobenzene (Surr)	92		62 - 123		09/26/12 14:20	1
Toluene-d8 (Surr)	90		71 - 118		09/26/12 14:20	1
Dibromofluoromethane (Surr)	97		64 - 128		09/26/12 14:20	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	0.15	ug/L		09/24/12 09:55	09/26/12 17:20	1
Chromium	5.0	U	5.0	0.51	ug/L		09/24/12 09:55	09/26/12 17:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	2.0	mg/L			09/26/12 14:28	1
pH	7.15	HF	0.100	0.100	SU			09/25/12 09:43	1

Client Sample ID: INFLUENT

Lab Sample ID: 180-14617-2

Date Collected: 09/19/12 13:00

Matrix: Water

Date Received: 09/20/12 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	9.8	J B	25	3.7	ug/L			09/26/12 14:44	25
Tetrachloroethene	25	U	25	3.7	ug/L			09/26/12 14:44	25
Toluene	25	U	25	3.8	ug/L			09/26/12 14:44	25
1,1,1-Trichloroethane	25	U	25	7.2	ug/L			09/26/12 14:44	25
Trichloroethene	310		25	3.6	ug/L			09/26/12 14:44	25
Vinyl chloride	25	U	25	5.7	ug/L			09/26/12 14:44	25
1,2-Dichlorobenzene	25	U	25	3.8	ug/L			09/26/12 14:44	25
cis-1,2-Dichloroethene	46		25	5.9	ug/L			09/26/12 14:44	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		58 - 135		09/26/12 14:44	25
4-Bromofluorobenzene (Surr)	90		62 - 123		09/26/12 14:44	25
Toluene-d8 (Surr)	91		71 - 118		09/26/12 14:44	25
Dibromofluoromethane (Surr)	98		64 - 128		09/26/12 14:44	25

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	0.15	ug/L		09/24/12 09:55	09/26/12 17:41	1
Chromium	4.3	J	5.0	0.51	ug/L		09/24/12 09:55	09/26/12 17:41	1
Lead	6.0	U	6.0	2.5	ug/L		09/24/12 09:55	09/27/12 13:38	2

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

Client Sample ID: INFLUENT

Lab Sample ID: 180-14617-2

Date Collected: 09/19/12 13:00

Matrix: Water

Date Received: 09/20/12 09:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.82	HF	0.100	0.100	SU			09/25/12 09:49	1

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QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

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

Lab Sample ID: MB 180-49751/4

Matrix: Water

Analysis Batch: 49751

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.162	J	1.0	0.15	ug/L			09/26/12 10:00	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			09/26/12 10:00	1
Toluene	1.0	U	1.0	0.15	ug/L			09/26/12 10:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			09/26/12 10:00	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			09/26/12 10:00	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			09/26/12 10:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			09/26/12 10:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			09/26/12 10:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		58 - 135		09/26/12 10:00	1
4-Bromofluorobenzene (Surr)	89		62 - 123		09/26/12 10:00	1
Toluene-d8 (Surr)	91		71 - 118		09/26/12 10:00	1
Dibromofluoromethane (Surr)	101		64 - 128		09/26/12 10:00	1

Lab Sample ID: LCS 180-49751/3

Matrix: Water

Analysis Batch: 49751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	20.0	15.2		ug/L		76	60 - 140
Tetrachloroethene	20.0	22.0		ug/L		110	73 - 127
Toluene	20.0	19.0		ug/L		95	74 - 126
1,1,1-Trichloroethane	20.0	18.7		ug/L		93	75 - 125
Trichloroethene	20.0	20.0		ug/L		100	73 - 125
Vinyl chloride	20.0	19.2		ug/L		96	30 - 140
1,2-Dichlorobenzene	20.0	19.5		ug/L		98	68 - 127
cis-1,2-Dichloroethene	20.0	18.1		ug/L		91	69 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	112		58 - 135
4-Bromofluorobenzene (Surr)	95		62 - 123
Toluene-d8 (Surr)	99		71 - 118
Dibromofluoromethane (Surr)	101		64 - 128

Lab Sample ID: 180-14617-1 MS

Matrix: Water

Analysis Batch: 49751

Client Sample ID: EFFLUENT

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	20.0	15.9		ug/L		80	60 - 140
Tetrachloroethene	1.0	U	20.0	21.5		ug/L		107	73 - 127
Toluene	1.0	U	20.0	19.5		ug/L		98	74 - 126
1,1,1-Trichloroethane	1.0		20.0	19.3		ug/L		97	75 - 125
Trichloroethene	1.0	U	20.0	18.7		ug/L		94	73 - 125
Vinyl chloride	1.0		20.0	22.3		ug/L		106	30 - 140
1,2-Dichlorobenzene	1.0	U	20.0	18.1		ug/L		91	68 - 127
cis-1,2-Dichloroethene	1.0	U	20.0	18.3		ug/L		92	69 - 127

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

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

Lab Sample ID: 180-14617-1 MS
Matrix: Water
Analysis Batch: 49751

Client Sample ID: EFFLUENT
Prep Type: Total/NA

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	108		58 - 135
4-Bromofluorobenzene (Surr)	87		62 - 123
Toluene-d8 (Surr)	99		71 - 118
Dibromofluoromethane (Surr)	97		64 - 128

Lab Sample ID: 180-14617-1 MSD
Matrix: Water
Analysis Batch: 49751

Client Sample ID: EFFLUENT
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Methylene Chloride	1.0	U	20.0	15.9		ug/L		80	60 - 140	0	25	
Tetrachloroethene	1.0	U	20.0	22.7		ug/L		113	73 - 127	5	25	
Toluene	1.0	U	20.0	19.8		ug/L		99	74 - 126	1	25	
1,1,1-Trichloroethane	1.0		20.0	19.9		ug/L		99	75 - 125	3	25	
Trichloroethene	1.0	U	20.0	18.4		ug/L		92	73 - 125	2	25	
Vinyl chloride	1.0		20.0	21.1		ug/L		100	30 - 140	5	35	
1,2-Dichlorobenzene	1.0	U	20.0	18.1		ug/L		90	68 - 127	0	35	
cis-1,2-Dichloroethene	1.0	U	20.0	18.1		ug/L		91	69 - 127	1	20	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	110		58 - 135
4-Bromofluorobenzene (Surr)	85		62 - 123
Toluene-d8 (Surr)	98		71 - 118
Dibromofluoromethane (Surr)	97		64 - 128

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-49394/1-A
Matrix: Water
Analysis Batch: 49857

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 49394

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cadmium	5.0	U	5.0	0.15	ug/L		09/24/12 09:55	09/26/12 16:24	1
Chromium	5.0	U	5.0	0.51	ug/L		09/24/12 09:55	09/26/12 16:24	1
Lead	3.0	U	3.0	1.3	ug/L		09/24/12 09:55	09/26/12 16:24	1

Lab Sample ID: LCS 180-49394/2-A
Matrix: Water
Analysis Batch: 49857

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 49394

Analyte	Spike	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Cadmium	50.0	51.1		ug/L		102	85 - 115	
Chromium	200	201		ug/L		100	85 - 115	
Lead	500	527		ug/L		105	85 - 115	

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

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

Lab Sample ID: 180-14617-1 MS
Matrix: Water
Analysis Batch: 49857

Client Sample ID: EFFLUENT
Prep Type: Total Recoverable
Prep Batch: 49394

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				
Cadmium	5.0	U	50.0	49.4		ug/L		99	70 - 130
Chromium	5.0	U	200	198		ug/L		99	70 - 130

Lab Sample ID: 180-14617-1 MS
Matrix: Water
Analysis Batch: 50046

Client Sample ID: EFFLUENT
Prep Type: Total Recoverable
Prep Batch: 49394

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				
Lead	3.0		500	518		ug/L		104	70 - 130

Lab Sample ID: 180-14617-1 MSD
Matrix: Water
Analysis Batch: 49857

Client Sample ID: EFFLUENT
Prep Type: Total Recoverable
Prep Batch: 49394

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier		Result	Qualifier						Limits
Cadmium	5.0	U	50.0	49.1		ug/L		98	70 - 130	1	20
Chromium	5.0	U	200	198		ug/L		99	70 - 130	0	20

Lab Sample ID: 180-14617-1 MSD
Matrix: Water
Analysis Batch: 50046

Client Sample ID: EFFLUENT
Prep Type: Total Recoverable
Prep Batch: 49394

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier		Result	Qualifier						Limits
Lead	3.0		500	515		ug/L		103	70 - 130	1	20

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

Lab Sample ID: MB 180-49779/2
Matrix: Water
Analysis Batch: 49779

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	4.0	U	4.0	2.0	mg/L			09/26/12 14:28	1

Lab Sample ID: LCS 180-49779/1
Matrix: Water
Analysis Batch: 49779

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				
Total Suspended Solids	83.9	92.0		mg/L		110	80 - 120

Lab Sample ID: 180-14674-A-74 DU
Matrix: Water
Analysis Batch: 49779

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Suspended Solids	4.0	U	2.40	J	mg/L		NC	20

QC Sample Results

Client: Leo Brausch Consulting
 Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-49539/1
 Matrix: Water
 Analysis Batch: 49539

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

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

Lab Sample ID: 180-14617-1 DU
 Matrix: Water
 Analysis Batch: 49539

Client Sample ID: EFFLUENT
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.15	HF	7.170		SU		0.3	2

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QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14617-1

GC/MS VOA

Analysis Batch: 49751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-14617-1	EFFLUENT	Total/NA	Water	624	
180-14617-1 MS	EFFLUENT	Total/NA	Water	624	
180-14617-1 MSD	EFFLUENT	Total/NA	Water	624	
180-14617-2	INFLUENT	Total/NA	Water	624	
LCS 180-49751/3	Lab Control Sample	Total/NA	Water	624	
MB 180-49751/4	Method Blank	Total/NA	Water	624	

Metals

Prep Batch: 49394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-14617-1	EFFLUENT	Total Recoverable	Water	200.7	
180-14617-1 MS	EFFLUENT	Total Recoverable	Water	200.7	
180-14617-1 MSD	EFFLUENT	Total Recoverable	Water	200.7	
180-14617-2	INFLUENT	Total Recoverable	Water	200.7	
LCS 180-49394/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-49394/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 49857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-14617-1	EFFLUENT	Total Recoverable	Water	200.7 Rev 4.4	49394
180-14617-1 MS	EFFLUENT	Total Recoverable	Water	200.7 Rev 4.4	49394
180-14617-1 MSD	EFFLUENT	Total Recoverable	Water	200.7 Rev 4.4	49394
180-14617-2	INFLUENT	Total Recoverable	Water	200.7 Rev 4.4	49394
LCS 180-49394/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	49394
MB 180-49394/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	49394

Analysis Batch: 50046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-14617-1 MS	EFFLUENT	Total Recoverable	Water	200.7 Rev 4.4	49394
180-14617-1 MSD	EFFLUENT	Total Recoverable	Water	200.7 Rev 4.4	49394
180-14617-2	INFLUENT	Total Recoverable	Water	200.7 Rev 4.4	49394

General Chemistry

Analysis Batch: 49539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-14617-1	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
180-14617-1 DU	EFFLUENT	Total/NA	Water	SM 4500 H+ B	
180-14617-2	INFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-49539/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 49779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-14617-1	EFFLUENT	Total/NA	Water	SM 2540D	
180-14674-A-74 DU	Duplicate	Total/NA	Water	SM 2540D	
LCS 180-49779/1	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 180-49779/2	Method Blank	Total/NA	Water	SM 2540D	

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Client Information

Client Contact: Mr. Leo Brausch
Company: Leo Brausch Consulting
Address: 131 Wedgewood Drive
City: Gibsonia
State Zip: PA, 15044
Phone:
Email: lbrausch@vni.net
Project Name: Buffalo Airport
Site: New York

Sample: Check Boiler
Phone: 716 297 6150

Lab Pk. Colussy, Jill L
E-Mail: jill.colussy@testamericainc.com

Carrier Tracking No(s):

COC No: 180-3308-58.1
Page: 1 of 1
Job #:

Due Date Requested: 9/19/12
TAT Requested (days):

PO #:
Purchase Order not requir

Project #:
18006817

SSOW#:

Analysis Requested

Field Filtered Sample (Yes or No)
Perform MS/MSD (Yes or No)

2540D, SM4500_H+
200.7 - (MOD) Special List 200.7
624_25ml - (MOD) Volatiles - PPL List
SM4500_H+ - pH
ILM04.0_ICP - (MOD) Local Method
OLM04.2_Vol - (MOD) Local Method

Total Number of containers

Special Instructions/Note:

Preservation Codes:
A - HCl
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2OAS
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecylhydrate
U - Acetone
V - MCAA
W - ph 4.5
Z - other (specify)

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Over-satd, BT=Basic, AA=Al)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
Effluent				Water					
Influent				Water					
MW32				Water	5	1	13	7	

Possible Hazard Identification
 Non-Hazard
 Flammable
 Skin Irritant
 Poison B
 Unknown
 Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client
 Disposal By Lab
 Archive For
 Special Instructions/QC Requirements:

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: _____ Date/Time: 9/19/12 205 _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No
 Custody Seal No.: _____

Method of Shipment: _____ Date/Time: 9/20/11 0900 _____ Company: MACT

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-14617-1

Login Number: 14617

List Number: 1

Creator: Gamber, Tom

List Source: TestAmerica Pittsburgh

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

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-14617-1

Login Number: 14617

List Number: 1

Creator: Gamber, Tom

List Source: TestAmerica Pittsburgh

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

ATTACHMENT C
ANALYTICAL LABORATORY REPORT
MW-32 QUARTERLY MONITORING

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: 180-14896-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

10/12/2012 9:36:17 AM

Jill Colussy

Project Manager I

jill.colussy@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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

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

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Table of Contents

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Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14896-1

Job ID: 180-14896-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-14896-1

Receipt

The samples were received on 9/28/2012 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9° C.

GC/MS VOA

Due to the concentration of target compounds detected, sample WG-18036-092712-001 (180-14896-1) was analyzed at a dilution. Elevated reporting limits (RLs) are provided.

The laboratory control standard and the laboratory control duplicate for batch 180-50689 recovered high and outside of the control limits for 1,1,1-trichloroethane. As the recoveries were high and the associated sample was non-detect for this compound, all results were reported.

Metals

No analytical or quality issues were noted.

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Definitions/Glossary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14896-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
U	Indicates the analyte was analyzed for but not detected.

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14896-1

Laboratory: TestAmerica Pittsburgh

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-13
California	NELAC	9	4224CA	03-31-13
Connecticut	State Program	1	PH-0688	09-30-12
Florida	NELAC	4	E871008	06-30-13
Illinois	NELAC	5	002602	06-30-13
Kansas	NELAC	7	E-10350	01-31-13
L-A-B	DoD ELAP		L2314	02-24-13
Louisiana	NELAC	6	04041	06-30-13
New Hampshire	NELAC	1	203011	04-04-13
New Jersey	NELAC	2	PA005	06-30-13
New York	NELAC	2	11182	04-01-13
North Carolina DENR	State Program	4	434	12-31-12
Pennsylvania	NELAC	3	02-00416	04-30-13
South Carolina	State Program	4	89014	04-30-13
USDA	Federal		P-Soil-01	04-16-15
USDA	Federal		P330-10-00139	04-28-13
Utah	NELAC	8	STLP	04-30-13
Virginia	NELAC	3	460189	09-14-13
West Virginia DEP	State Program	3	142	01-31-13
Wisconsin	State Program	5	998027800	08-31-13

Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14896-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-14896-1	WG-18036-092712-001	Water	09/27/12 09:45	09/28/12 09:30
180-14896-2	TB-18036-092712	Water	09/27/12 00:00	09/28/12 09:30

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Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14896-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
6010B	Metals (ICP)	SW846	TAL PIT

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

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Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14896-1

Client Sample ID: WG-18036-092712-001

Lab Sample ID: 180-14896-1

Date Collected: 09/27/12 09:45

Matrix: Water

Date Received: 09/28/12 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	25	U	25	4.2	ug/L			10/03/12 19:48	5
Vinyl chloride	35		25	6.5	ug/L			10/03/12 19:48	5
cis-1,2-Dichloroethene	430		25	3.3	ug/L			10/03/12 19:48	5
1,1,1-Trichloroethane	25	U*	25	5.1	ug/L			10/03/12 19:48	5
Trichloroethene	540		25	4.0	ug/L			10/03/12 19:48	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		62 - 123		10/03/12 19:48	5
Toluene-d8 (Surr)	98		80 - 120		10/03/12 19:48	5
4-Bromofluorobenzene (Surr)	109		75 - 120		10/03/12 19:48	5
Dibromofluoromethane (Surr)	112		80 - 120		10/03/12 19:48	5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.13	J	5.0	0.13	ug/L		10/03/12 15:30	10/05/12 19:42	1
Lead	3.0		3.0	1.3	ug/L		10/03/12 15:30	10/05/12 19:42	1

Client Sample ID: TB-18036-092712

Lab Sample ID: 180-14896-2

Date Collected: 09/27/12 00:00

Matrix: Water

Date Received: 09/28/12 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	5.0	U	5.0	0.85	ug/L			10/02/12 16:02	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			10/02/12 16:02	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			10/02/12 16:02	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			10/02/12 16:02	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			10/02/12 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		62 - 123		10/02/12 16:02	1
Toluene-d8 (Surr)	97		80 - 120		10/02/12 16:02	1
4-Bromofluorobenzene (Surr)	83		75 - 120		10/02/12 16:02	1
Dibromofluoromethane (Surr)	102		80 - 120		10/02/12 16:02	1

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14896-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-50510/3

Matrix: Water

Analysis Batch: 50510

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	5.0	U	5.0	0.85	ug/L			10/02/12 10:31	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			10/02/12 10:31	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			10/02/12 10:31	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			10/02/12 10:31	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			10/02/12 10:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		62 - 123		10/02/12 10:31	1
Toluene-d8 (Surr)	94		80 - 120		10/02/12 10:31	1
4-Bromofluorobenzene (Surr)	85		75 - 120		10/02/12 10:31	1
Dibromofluoromethane (Surr)	95		80 - 120		10/02/12 10:31	1

Lab Sample ID: LCS 180-50510/4

Matrix: Water

Analysis Batch: 50510

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	40.0	41.9		ug/L		105	80 - 124
Vinyl chloride	40.0	30.0		ug/L		75	57 - 128
cis-1,2-Dichloroethene	40.0	33.2		ug/L		83	82 - 116
1,1,1-Trichloroethane	40.0	31.6		ug/L		79	69 - 134
Trichloroethene	40.0	37.0		ug/L		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		62 - 123
Toluene-d8 (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	91		75 - 120
Dibromofluoromethane (Surr)	86		80 - 120

Lab Sample ID: LCSD 180-50510/5

Matrix: Water

Analysis Batch: 50510

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	40.0	42.4		ug/L		106	80 - 124	1	20
Vinyl chloride	40.0	29.9		ug/L		75	57 - 128	0	26
cis-1,2-Dichloroethene	40.0	33.5		ug/L		84	82 - 116	1	20
1,1,1-Trichloroethane	40.0	31.1		ug/L		78	69 - 134	2	24
Trichloroethene	40.0	36.9		ug/L		92	80 - 120	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	82		62 - 123
Toluene-d8 (Surr)	98		80 - 120
4-Bromofluorobenzene (Surr)	88		75 - 120
Dibromofluoromethane (Surr)	82		80 - 120

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14896-1

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

Lab Sample ID: MB 180-50689/3

Matrix: Water

Analysis Batch: 50689

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	5.0	U	5.0	0.85	ug/L			10/03/12 15:19	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			10/03/12 15:19	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			10/03/12 15:19	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			10/03/12 15:19	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			10/03/12 15:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		62 - 123		10/03/12 15:19	1
Toluene-d8 (Surr)	95		80 - 120		10/03/12 15:19	1
4-Bromofluorobenzene (Surr)	99		75 - 120		10/03/12 15:19	1
Dibromofluoromethane (Surr)	100		80 - 120		10/03/12 15:19	1

Lab Sample ID: LCS 180-50689/6

Matrix: Water

Analysis Batch: 50689

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	40.0	37.7		ug/L		94	80 - 124
Vinyl chloride	40.0	42.1		ug/L		105	57 - 128
cis-1,2-Dichloroethene	40.0	40.1		ug/L		100	82 - 116
1,1,1-Trichloroethane	40.0	59.6 *		ug/L		149	69 - 134
Trichloroethene	40.0	37.3		ug/L		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	121		62 - 123
Toluene-d8 (Surr)	95		80 - 120
4-Bromofluorobenzene (Surr)	109		75 - 120
Dibromofluoromethane (Surr)	109		80 - 120

Lab Sample ID: LCSD 180-50689/7

Matrix: Water

Analysis Batch: 50689

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	40.0	37.2		ug/L		93	80 - 124	1	20
Vinyl chloride	40.0	42.5		ug/L		106	57 - 128	1	26
cis-1,2-Dichloroethene	40.0	41.6		ug/L		104	82 - 116	4	20
1,1,1-Trichloroethane	40.0	59.9 *		ug/L		150	69 - 134	0	24
Trichloroethene	40.0	38.0		ug/L		95	80 - 120	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	118		62 - 123
Toluene-d8 (Surr)	94		80 - 120
4-Bromofluorobenzene (Surr)	111		75 - 120
Dibromofluoromethane (Surr)	110		80 - 120

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14896-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 180-50674/1-A
Matrix: Water
Analysis Batch: 51081

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 50674

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		10/03/12 15:30	10/05/12 19:27	1
Lead	3.0	U	3.0	1.3	ug/L		10/03/12 15:30	10/05/12 19:27	1

Lab Sample ID: LCS 180-50674/2-A
Matrix: Water
Analysis Batch: 51081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 50674

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	46.8		ug/L		94	80 - 120
Lead	500	484		ug/L		97	80 - 120

Lab Sample ID: 180-14963-A-5-B MS
Matrix: Water
Analysis Batch: 51081

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 50674

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	5.0	U	50.0	46.5		ug/L		93	75 - 125
Lead	3.0	U	500	488		ug/L		98	75 - 125

Lab Sample ID: 180-14963-A-5-C MSD
Matrix: Water
Analysis Batch: 51081

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 50674

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Cadmium	5.0	U	50.0	45.8		ug/L		92	75 - 125	1	20
Lead	3.0	U	500	481		ug/L		96	75 - 125	2	20

QC Association Summary

Client: Leo Brausch Consulting
 Project/Site: Buffalo Airport

TestAmerica Job ID: 180-14896-1

GC/MS VOA

Analysis Batch: 50510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-14896-2	TB-18036-092712	Total/NA	Water	8260B	
LCS 180-50510/4	Lab Control Sample	Total/NA	Water	8260B	
LCS D 180-50510/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 180-50510/3	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 50689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-14896-1	WG-18036-092712-001	Total/NA	Water	8260B	
LCS 180-50689/6	Lab Control Sample	Total/NA	Water	8260B	
LCS D 180-50689/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 180-50689/3	Method Blank	Total/NA	Water	8260B	

Metals

Prep Batch: 50674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-14896-1	WG-18036-092712-001	Total/NA	Water	3010A	
180-14963-A-5-B MS	Matrix Spike	Total/NA	Water	3010A	
180-14963-A-5-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	
LCS 180-50674/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 180-50674/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 51081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-14896-1	WG-18036-092712-001	Total/NA	Water	6010B	50674
180-14963-A-5-B MS	Matrix Spike	Total/NA	Water	6010B	50674
180-14963-A-5-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	50674
LCS 180-50674/2-A	Lab Control Sample	Total/NA	Water	6010B	50674
MB 180-50674/1-A	Method Blank	Total/NA	Water	6010B	50674



CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

COC NO: 37562 PAGE 1 OF 1

(See Reverse Side for Instructions)

Project No/Phase/Task Code: 18036-1231

Laboratory Name: TEST AMERICA PITTSBURGH

Lab Location: PITTSBURGH

SSOW ID:

Project Name: VIADUCT Kaly GW SAMPLING (MW-32)

Lab Contact: JILL COUSSY

Lab Quote No:

Cooler No: 1

Project Location: BUREAU

Carrier: FED EX

Airbill No:

Sampler(s): S GARDNER

Item	DATE (mm/dd/yy)	TIME (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample
1	WB-18036-092712-001	9/27/12 0945	WB G		X		X						4 X
2	TB-18036-092712	9/27/12	WB G		X								2 X

CONTAINER QUANTITY & PRESERVATION	ANALYSIS REQUESTED (See Back of COC for Definitions)	MS/MSD Request
	OLM04.2-Vg ILM04.0.1C	

Carrier: FED EX
Date Shipped: 9/27/12
COMMENTS/SPECIAL INSTRUCTIONS:

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
<i>Sharon Gardner</i>	CRA	9/27/12	1120	<i>Ms DM</i>	TAFI	9-28-12	930

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

Total Number of Containers: 6
All Samples in Cooler must be on COC

Notes/Special Requirements:

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-14896-1

Login Number: 14896

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: O'Donnell, Brandon R

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