



CBS Corporation

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

Via Electronic and First-Class Mail

April 13, 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 for 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 is managing the Remedial Program pursuant to the Order. This report covers activities in March 2012 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

- A. On March 20, 2012, CBS submitted to NYSDEC the monthly report on the status of O&M activities at the Site for the February 2012 operating period. That status report also transmitted the discharge monitoring data for February 2012.
- B. The recovery and treatment system operated throughout March 2012.
- C. Conestoga-Rovers & Associates (CRA) conducted routine and non-routine O&M on behalf of CBS, and TestAmerica Laboratories, Inc. (TestAmerica) provided required analytical laboratory services.

- D. On March 29, 2012, on behalf of CBS, CRA submitted electronic data deliverables to NYSDEC for the Site sampling conducted in February and March 2012.

2. Sampling Results and Other Site Data

- A. In March 2012, the groundwater system recovered and treated an estimated 146,000 gallons.¹
- B. Attachment A provides the discharge monitoring report for March 2012 based on the effluent sample collected on March 14, 2012. Attachment B includes the analytical laboratory report for this effluent sample.
- C. In reviewing the treatment system effluent monitoring information, please note the following:
- The flow data are provided via periodic on-site readings. The monthly total and maximum daily flows are calculated from these data.
 - 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 (interpolated) 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 March 2012 reporting period, the effluent sampling results 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 March 14, 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 March 13, 2012. Attachment C includes the analytical laboratory report for this monitoring well sample.

¹ Based on additional information and recalculation, the estimated total discharge for February 2012 has been revised to 100,000 gallons from the 93,000 gallons indicated in the March 2012 monthly status report.

- 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 have decreased significantly at well MW-32 following the *in situ* chemical oxidation treatment that was conducted after the source removal specified in the March 1995 Record of Decision failed to result in low residual VOC concentrations at this well.

3. Upcoming Activities

- A. CBS will continue required O&M activities.
- B. Following review by the Niagara Frontier Transportation Authority (NFTA), CBS will submit for NYSDEC approval a revised plan for the partial closure of the 002 system.
- C. After the partial closure of the 002 system, CRA will conduct additional water level measurements, surface water monitoring, and groundwater monitoring per the *Revised Work Plan* (Rev. 1, November 7, 2008).

4. Operational Problems

- A. Previously reported operational problems associated with elevated pH, pH control, and hardness continue. These operational problems are expected to be largely resolved with the phased shutdown of the collection system and limitation of inflows to those associated with Sump 003.
- B. Previously reported operational problems associated system inflows have been lessened with the minimal flows associated with Sump 001 now that the 001 portion of the groundwater collection system has been partially closed.
- C. The post-closure monitoring data indicate that the Phase 1 closure of the 001 groundwater collection system addressed the previously observed high water levels at Sump 001, which had led to periodic overtopping of that manhole. The ongoing periodic overtopping at Sump 002 will be addressed through the partial closure of that portion of the groundwater collection system.
- D. The Phase 1 closure of the 002 system is expected to reduce the conveyance of groundwater containing VOCs via underdrains and storm sewers installed by the NFTA as part of airport development.
- E. Other operational issues are being addressed in the course of O&M activities.

Mr. David P. Locey
April 13, 2012
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We trust this submittal satisfies your requirements at this time. If you have questions regarding this status report, please contact me.

Respectfully submitted,



Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

cc: K. P. Lynch, CRA
C. D'Aloise, 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

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

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.

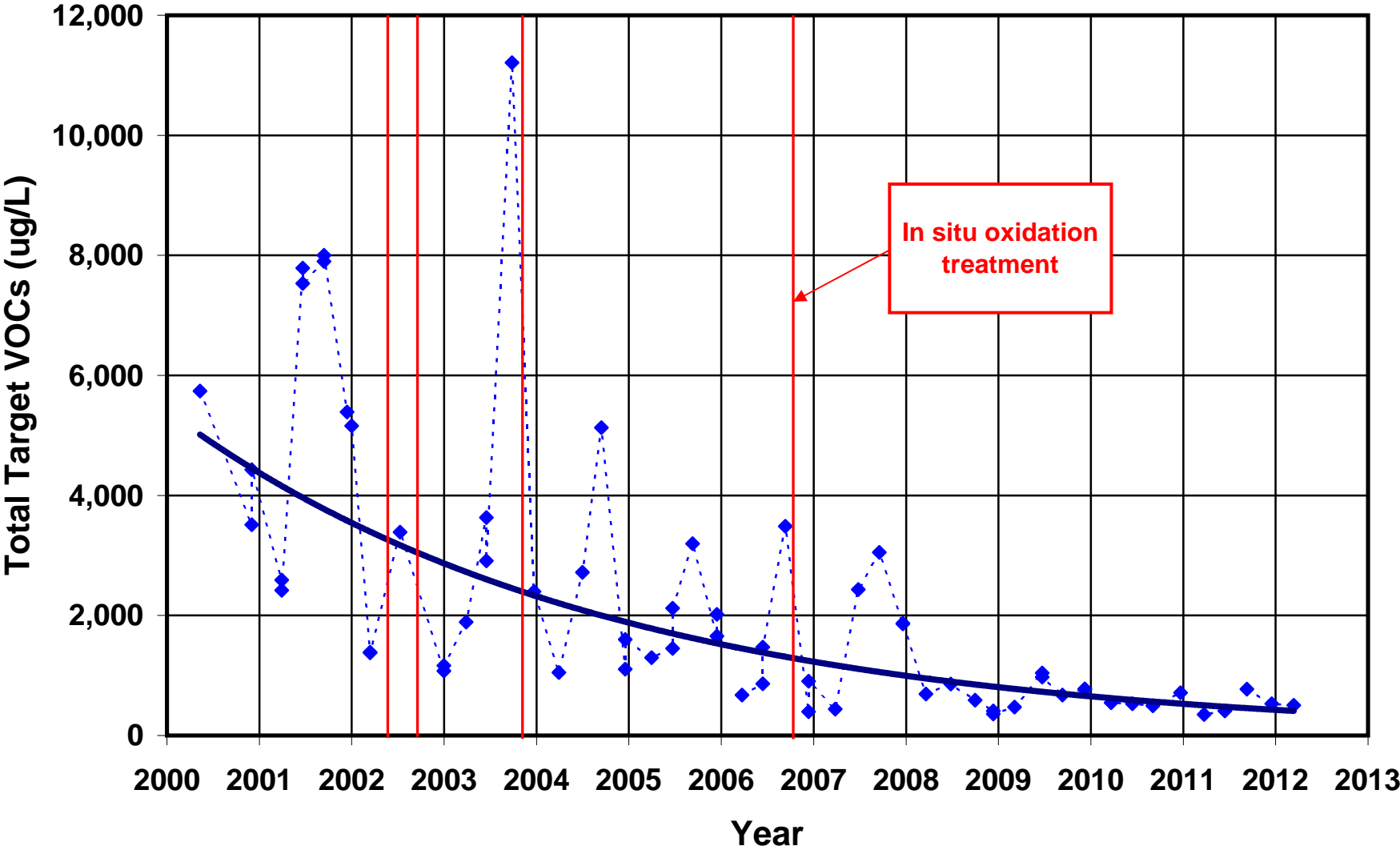
Data qualifiers:

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
MARCH 2012

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

Reporting Month & Year **Mar-12**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		5,025	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	6.88	7.31	s.u.		8	Grab
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		< 4.0	mg/L	< 0.17	1	Grab
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		< 1.0	ug/L	< 0.00004	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		< 1.0	ug/L	< 0.00005	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00005	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00005	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00005	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00005	1	Grab
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		0.66	ug/L	0.000028	1	Grab
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		7.2	ug/L	0.00030	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
ANALYTICAL LABORATORY REPORT
INFLUENT AND EFFLUENT SAMPLING – MARCH 2012

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: 180-9033-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

3/23/2012 8:00:27 AM

Jill Colussy

Project Manager I

jill.colussy@testamericainc.com

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www.testamericainc.com

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

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

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Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9033-1

Job ID: 180-9033-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-9033-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Due to the concentration of target compounds detected, sample INFLUENT (180-9033-2) was analyzed at a dilution. Elevated reporting limits (RLs) are provided.

Metals

No analytical or quality issues were noted.

General Chemistry

Due to insufficient sample volume the laboratory was unable to analyze sample EFFLUENT for laboratory pH.



Definitions/Glossary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9033-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

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.
HF	Field parameter with a holding time of 15 minutes

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: 180-9033-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Pittsburgh	Arkansas DEQ	State Program	6	88-0690
TestAmerica Pittsburgh	California	NELAC	9	4224CA
TestAmerica Pittsburgh	Connecticut	State Program	1	PH-0688
TestAmerica Pittsburgh	Florida	NELAC	4	E871008
TestAmerica Pittsburgh	Illinois	NELAC	5	002602
TestAmerica Pittsburgh	Kansas	NELAC	7	E-10350
TestAmerica Pittsburgh	L-A-B	DoD ELAP		L2314
TestAmerica Pittsburgh	Louisiana	NELAC	6	04041
TestAmerica Pittsburgh	New Hampshire	NELAC	1	203011
TestAmerica Pittsburgh	New Jersey	NELAC	2	PA005
TestAmerica Pittsburgh	New York	NELAC	2	11182
TestAmerica Pittsburgh	North Carolina DENR	State Program	4	434
TestAmerica Pittsburgh	Pennsylvania	NELAC	3	02-00416
TestAmerica Pittsburgh	Pennsylvania	State Program	3	02-416
TestAmerica Pittsburgh	South Carolina	State Program	4	89014002
TestAmerica Pittsburgh	USDA	Federal		P330-10-00139
TestAmerica Pittsburgh	USDA	Federal		P-Soil-01
TestAmerica Pittsburgh	Utah	NELAC	8	STLP
TestAmerica Pittsburgh	Virginia	NELAC	3	460189
TestAmerica Pittsburgh	West Virginia DEP	State Program	3	142
TestAmerica Pittsburgh	Wisconsin	State Program	5	998027800

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9033-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-9033-1	EFFLUENT	Water	03/14/12 09:00	03/15/12 09:15
180-9033-2	INFLUENT	Water	03/14/12 09:00	03/15/12 09:15

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Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9033-1

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

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Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9033-1

Client Sample ID: EFFLUENT

Lab Sample ID: 180-9033-1

Date Collected: 03/14/12 09:00

Matrix: Water

Date Received: 03/15/12 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			03/21/12 14:47	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			03/21/12 14:47	1
Toluene	1.0	U	1.0	0.15	ug/L			03/21/12 14:47	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			03/21/12 14:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			03/21/12 14:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/21/12 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		58 - 135		03/21/12 14:47	1
4-Bromofluorobenzene (Surr)	96		62 - 123		03/21/12 14:47	1
Toluene-d8 (Surr)	96		71 - 118		03/21/12 14:47	1
Dibromofluoromethane (Surr)	99		64 - 128		03/21/12 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.66	J	5.0	0.15	ug/L		03/19/12 11:23	03/19/12 16:13	1
Chromium	7.2		5.0	0.51	ug/L		03/19/12 11:23	03/19/12 16:13	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			03/15/12 15:36	1

Client Sample ID: INFLUENT

Lab Sample ID: 180-9033-2

Date Collected: 03/14/12 09:00

Matrix: Water

Date Received: 03/15/12 09:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	3.7	J	10	1.5	ug/L			03/21/12 14:23	10
Tetrachloroethene	10	U	10	1.5	ug/L			03/21/12 14:23	10
Toluene	10	U	10	1.5	ug/L			03/21/12 14:23	10
1,1,1-Trichloroethane	10	U	10	2.9	ug/L			03/21/12 14:23	10
Trichloroethene	120		10	1.4	ug/L			03/21/12 14:23	10
Vinyl chloride	10	U	10	2.3	ug/L			03/21/12 14:23	10
1,2-Dichlorobenzene	10	U	10	1.5	ug/L			03/21/12 14:23	10
cis-1,2-Dichloroethene	15		10	2.4	ug/L			03/21/12 14:23	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		58 - 135		03/21/12 14:23	10
4-Bromofluorobenzene (Surr)	93		62 - 123		03/21/12 14:23	10
Toluene-d8 (Surr)	100		71 - 118		03/21/12 14:23	10
Dibromofluoromethane (Surr)	98		64 - 128		03/21/12 14:23	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.15	ug/L		03/19/12 11:23	03/19/12 16:49	1
Chromium	5.2		5.0	0.51	ug/L		03/19/12 11:23	03/19/12 16:49	1
Lead	3.0	U	3.0	1.3	ug/L		03/19/12 11:23	03/19/12 16:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.97	HF	0.100	0.100	SU			03/20/12 14:59	1

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9033-1

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

Lab Sample ID: MB 180-31273/4

Matrix: Water

Analysis Batch: 31273

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			03/21/12 10:46	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			03/21/12 10:46	1
Toluene	1.0	U	1.0	0.15	ug/L			03/21/12 10:46	1
1,1,1-Trichloroethane	1.0	U	1.0	0.29	ug/L			03/21/12 10:46	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			03/21/12 10:46	1
Vinyl chloride	1.0	U	1.0	0.23	ug/L			03/21/12 10:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			03/21/12 10:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/21/12 10:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		58 - 135		03/21/12 10:46	1
4-Bromofluorobenzene (Surr)	95		62 - 123		03/21/12 10:46	1
Toluene-d8 (Surr)	93		71 - 118		03/21/12 10:46	1
Dibromofluoromethane (Surr)	98		64 - 128		03/21/12 10:46	1

Lab Sample ID: LCS 180-31273/3

Matrix: Water

Analysis Batch: 31273

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	18.2		ug/L		91	60 - 140
Tetrachloroethene	20.0	18.9		ug/L		95	73 - 127
Toluene	20.0	19.6		ug/L		98	74 - 126
1,1,1-Trichloroethane	20.0	20.7		ug/L		103	75 - 125
Trichloroethene	20.0	18.5		ug/L		93	73 - 125
Vinyl chloride	20.0	17.5		ug/L		87	30 - 140
1,2-Dichlorobenzene	20.0	18.0		ug/L		90	68 - 127
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	69 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		58 - 135
4-Bromofluorobenzene (Surr)	88		62 - 123
Toluene-d8 (Surr)	93		71 - 118
Dibromofluoromethane (Surr)	91		64 - 128

Lab Sample ID: 180-9033-2 MS

Matrix: Water

Analysis Batch: 31273

Client Sample ID: INFLUENT

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	3.7	J	200	184		ug/L		90	60 - 140
Tetrachloroethene	10	U	200	188		ug/L		94	73 - 127
Toluene	10	U	200	201		ug/L		101	74 - 126
1,1,1-Trichloroethane	10	U	200	214		ug/L		107	75 - 125
Trichloroethene	120		200	360		ug/L		120	73 - 125
Vinyl chloride	10	U	200	159		ug/L		79	30 - 140
1,2-Dichlorobenzene	10	U	200	185		ug/L		93	68 - 127
cis-1,2-Dichloroethene	15		200	218		ug/L		101	69 - 127

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9033-1

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

Lab Sample ID: 180-9033-2 MS

Matrix: Water

Analysis Batch: 31273

Client Sample ID: INFLUENT

Prep Type: Total/NA

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	92		58 - 135
4-Bromofluorobenzene (Surr)	89		62 - 123
Toluene-d8 (Surr)	100		71 - 118
Dibromofluoromethane (Surr)	98		64 - 128

Lab Sample ID: 180-9033-2 MSD

Matrix: Water

Analysis Batch: 31273

Client Sample ID: INFLUENT

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Methylene Chloride	3.7	J	200	186		ug/L		91	60 - 140	1	25	
Tetrachloroethene	10	U	200	200		ug/L		100	73 - 127	6	25	
Toluene	10	U	200	211		ug/L		105	74 - 126	5	25	
1,1,1-Trichloroethane	10	U	200	209		ug/L		104	75 - 125	3	25	
Trichloroethene	120		200	344		ug/L		112	73 - 125	5	25	
Vinyl chloride	10	U	200	161		ug/L		81	30 - 140	1	35	
1,2-Dichlorobenzene	10	U	200	187		ug/L		94	68 - 127	1	35	
cis-1,2-Dichloroethene	15		200	218		ug/L		102	69 - 127	0	20	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	95		58 - 135
4-Bromofluorobenzene (Surr)	98		62 - 123
Toluene-d8 (Surr)	100		71 - 118
Dibromofluoromethane (Surr)	96		64 - 128

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-31033/1-A

Matrix: Water

Analysis Batch: 31127

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 31033

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cadmium	5.0	U	5.0	0.15	ug/L		03/19/12 11:23	03/19/12 15:37	1
Chromium	5.0	U	5.0	0.51	ug/L		03/19/12 11:23	03/19/12 15:37	1
Lead	3.0	U	3.0	1.3	ug/L		03/19/12 11:23	03/19/12 15:37	1

Lab Sample ID: LCS 180-31033/2-A

Matrix: Water

Analysis Batch: 31127

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 31033

Analyte	Spike	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Cadmium	50.0	51.6		ug/L		103	85 - 115	
Chromium	200	204		ug/L		102	85 - 115	
Lead	500	519		ug/L		104	85 - 115	

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9033-1

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

Lab Sample ID: 180-9033-1 MS
Matrix: Water
Analysis Batch: 31127

Client Sample ID: EFFLUENT
Prep Type: Total Recoverable
Prep Batch: 31033

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Cadmium	0.66	J	50.0	52.7		ug/L		104	70 - 130
Chromium	7.2		200	214		ug/L		103	70 - 130
Lead	3.0		500	538		ug/L		108	70 - 130

Lab Sample ID: 180-9033-1 MSD
Matrix: Water
Analysis Batch: 31127

Client Sample ID: EFFLUENT
Prep Type: Total Recoverable
Prep Batch: 31033

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Cadmium	0.66	J	50.0	52.2		ug/L		103	70 - 130	1	20
Chromium	7.2		200	213		ug/L		103	70 - 130	0	20
Lead	3.0		500	535		ug/L		107	70 - 130	0	20

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

Lab Sample ID: MB 180-30835/2
Matrix: Water
Analysis Batch: 30835

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	4.0	U	4.0	2.0	mg/L			03/15/12 15:36	1

Lab Sample ID: LCS 180-30835/1
Matrix: Water
Analysis Batch: 30835

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Suspended Solids	52.6	44.0		mg/L		84	80 - 120

Lab Sample ID: 180-9007-A-4 DU
Matrix: Water
Analysis Batch: 30835

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Suspended Solids	2.8	J	2.80	J	mg/L		0	20

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-31191/1
Matrix: Water
Analysis Batch: 31191

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
pH	7.00	7.000		SU		100	99 - 101

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9033-1

Method: SM 4500 H+ B - pH (Continued)

Lab Sample ID: 180-9029-D-3 DU
Matrix: Water
Analysis Batch: 31191

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	8.08		8.080		SU		0	2

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QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9033-1

GC/MS VOA

Analysis Batch: 31273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-9033-1	EFFLUENT	Total/NA	Water	624	
180-9033-2	INFLUENT	Total/NA	Water	624	
180-9033-2 MS	INFLUENT	Total/NA	Water	624	
180-9033-2 MSD	INFLUENT	Total/NA	Water	624	
LCS 180-31273/3	Lab Control Sample	Total/NA	Water	624	
MB 180-31273/4	Method Blank	Total/NA	Water	624	

Metals

Prep Batch: 31033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-9033-1	EFFLUENT	Total Recoverable	Water	200.7	
180-9033-1 MS	EFFLUENT	Total Recoverable	Water	200.7	
180-9033-1 MSD	EFFLUENT	Total Recoverable	Water	200.7	
180-9033-2	INFLUENT	Total Recoverable	Water	200.7	
LCS 180-31033/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-31033/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 31127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-9033-1	EFFLUENT	Total Recoverable	Water	200.7 Rev 4.4	31033
180-9033-1 MS	EFFLUENT	Total Recoverable	Water	200.7 Rev 4.4	31033
180-9033-1 MSD	EFFLUENT	Total Recoverable	Water	200.7 Rev 4.4	31033
180-9033-2	INFLUENT	Total Recoverable	Water	200.7 Rev 4.4	31033
LCS 180-31033/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	31033
MB 180-31033/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	31033

General Chemistry

Analysis Batch: 30835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-9007-A-4 DU	Duplicate	Total/NA	Water	SM 2540D	
180-9033-1	EFFLUENT	Total/NA	Water	SM 2540D	
LCS 180-30835/1	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 180-30835/2	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 31191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-9029-D-3 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	
180-9033-2	INFLUENT	Total/NA	Water	SM 4500 H+ B	
LCS 180-31191/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

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

182-9033

Chain of Custody Record

.9 #3

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information
Client Contact: Mr. Leo Brausch
Company: Leo Brausch Consulting
Address: 131 Wedgewood Drive
City: Gibsonia
State, Zip: PA, 15044
Phone:
Email: lbrausch@ly.net
Project Name: Buffalo Airport
Site: New York
SSOW#:
Sample ID: *EF-0312*
Sample Date: *8/11/12*
Sample Time: *9:00*
Sample Type: *G*
Matrix: *Water*
Field Filtered Sample (Yes or No): Yes
Perform MS/MSD (Yes or No): Yes
2540D, SM4500_H+
200.7 - (MOD) Special List 200.7
624_25ml - (MOD) Volatiles - PPL List
SM4500_H+ - pH
ILM04.0_JCP - (MOD) Local Method
OLM04.2_Vol - (MOD) Local Method
Total Number of containers: *1*
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 - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)
Other:
COC No.: 180-3307-58.1
Page: Page 1 of 1
Job #:

Lab PM: Colussy, Jill L
E-Mail: jill.colussy@testamericainc.com
Carrier Tracking No(s):
Date Requested:
TAT Requested (days):
Purchase Order not required
WO #:
Project #: 18006817
SSOW#:

Sample ID: *EF-0312*
Sample Date: *8/11/12*
Sample Time: *9:00*
Sample Type: *G*
Matrix: *Water*
Field Filtered Sample (Yes or No): Yes
Perform MS/MSD (Yes or No): Yes
2540D, SM4500_H+
200.7 - (MOD) Special List 200.7
624_25ml - (MOD) Volatiles - PPL List
SM4500_H+ - pH
ILM04.0_JCP - (MOD) Local Method
OLM04.2_Vol - (MOD) Local Method
Total Number of containers: *1*
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 - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - ph 4-5
Z - other (specify)
Other:
COC No.: 180-3307-58.1
Page: Page 1 of 1
Job #:

Analysis Requested
Date: *8/11/12*
Time: *9:00*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Custody Seals Intact: Yes No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
Deliverable Requested: I, II, III, IV, Other (specify)
Empty Kit Relinquished by:
Date: *8/11/12*
Time: *9:15*
Method of Shipment:
Received by: *[Signature]*
Date/Time: *8/15/12*
Company: *TA Pitt*

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

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Relinquished by: *[Signature]*
Date/Time: *8/11/12*
Company: *Leo Brausch Consulting*

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-9033-1

Login Number: 9033

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: O'Donnell, Brandon R

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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 SAMPLING – MARCH 2012

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: 180-9004-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

3/26/2012 11:12:00 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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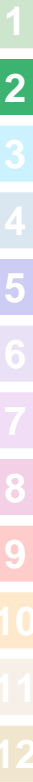


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Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9004-1

Job ID: 180-9004-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-9004-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Due to the concentration of target compounds detected, sample WG-18036-031312-001 (180-9004-1) was analyzed at a dilution. Elevated reporting limits (RLs) are provided.

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: 180-9004-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
E	Result exceeded calibration range.

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: 180-9004-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Pittsburgh	Arkansas DEQ	State Program	6	88-0690
TestAmerica Pittsburgh	California	NELAC	9	4224CA
TestAmerica Pittsburgh	Connecticut	State Program	1	PH-0688
TestAmerica Pittsburgh	Florida	NELAC	4	E871008
TestAmerica Pittsburgh	Illinois	NELAC	5	002602
TestAmerica Pittsburgh	Kansas	NELAC	7	E-10350
TestAmerica Pittsburgh	L-A-B	DoD ELAP		L2314
TestAmerica Pittsburgh	Louisiana	NELAC	6	04041
TestAmerica Pittsburgh	New Hampshire	NELAC	1	203011
TestAmerica Pittsburgh	New Jersey	NELAC	2	PA005
TestAmerica Pittsburgh	New York	NELAC	2	11182
TestAmerica Pittsburgh	North Carolina DENR	State Program	4	434
TestAmerica Pittsburgh	Pennsylvania	NELAC	3	02-00416
TestAmerica Pittsburgh	Pennsylvania	State Program	3	02-416
TestAmerica Pittsburgh	South Carolina	State Program	4	89014002
TestAmerica Pittsburgh	USDA	Federal		P330-10-00139
TestAmerica Pittsburgh	USDA	Federal		P-Soil-01
TestAmerica Pittsburgh	Utah	NELAC	8	STLP
TestAmerica Pittsburgh	Virginia	NELAC	3	460189
TestAmerica Pittsburgh	West Virginia DEP	State Program	3	142
TestAmerica Pittsburgh	Wisconsin	State Program	5	998027800

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9004-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-9004-1	WG-18036-031312-001	Water	03/13/12 11:15	03/14/12 10:30
180-9004-2	TB-18036-031312	Water	03/13/12 00:00	03/14/12 10:30

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Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9004-1

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: 180-9004-1

Client Sample ID: WG-18036-031312-001

Lab Sample ID: 180-9004-1

Date Collected: 03/13/12 11:15

Matrix: Water

Date Received: 03/14/12 10:30

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			03/22/12 11:54	1
Vinyl chloride	14		5.0	1.3	ug/L			03/22/12 11:54	1
cis-1,2-Dichloroethene	220		5.0	0.67	ug/L			03/22/12 11:54	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			03/22/12 11:54	1
Trichloroethene	260	E	5.0	0.80	ug/L			03/22/12 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		62 - 123		03/22/12 11:54	1
Toluene-d8 (Surr)	87		80 - 120		03/22/12 11:54	1
4-Bromofluorobenzene (Surr)	96		75 - 120		03/22/12 11:54	1
Dibromofluoromethane (Surr)	103		80 - 120		03/22/12 11:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	10	U	10	1.7	ug/L			03/23/12 12:41	2
Vinyl chloride	13		10	2.6	ug/L			03/23/12 12:41	2
cis-1,2-Dichloroethene	230		10	1.3	ug/L			03/23/12 12:41	2
1,1,1-Trichloroethane	10	U	10	2.1	ug/L			03/23/12 12:41	2
Trichloroethene	260		10	1.6	ug/L			03/23/12 12:41	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		62 - 123		03/23/12 12:41	2
Toluene-d8 (Surr)	87		80 - 120		03/23/12 12:41	2
4-Bromofluorobenzene (Surr)	93		75 - 120		03/23/12 12:41	2
Dibromofluoromethane (Surr)	102		80 - 120		03/23/12 12:41	2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.19	J	5.0	0.13	ug/L		03/15/12 15:37	03/16/12 16:08	1
Lead	3.0	U	3.0	1.3	ug/L		03/15/12 15:37	03/16/12 16:08	1

Client Sample ID: TB-18036-031312

Lab Sample ID: 180-9004-2

Date Collected: 03/13/12 00:00

Matrix: Water

Date Received: 03/14/12 10:30

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			03/22/12 08:34	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			03/22/12 08:34	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			03/22/12 08:34	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			03/22/12 08:34	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			03/22/12 08:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		62 - 123		03/22/12 08:34	1
Toluene-d8 (Surr)	83		80 - 120		03/22/12 08:34	1
4-Bromofluorobenzene (Surr)	93		75 - 120		03/22/12 08:34	1
Dibromofluoromethane (Surr)	108		80 - 120		03/22/12 08:34	1

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9004-1

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

Lab Sample ID: MB 180-31330/4

Matrix: Water

Analysis Batch: 31330

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			03/22/12 03:04	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			03/22/12 03:04	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			03/22/12 03:04	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			03/22/12 03:04	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			03/22/12 03:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		62 - 123		03/22/12 03:04	1
Toluene-d8 (Surr)	83		80 - 120		03/22/12 03:04	1
4-Bromofluorobenzene (Surr)	85		75 - 120		03/22/12 03:04	1
Dibromofluoromethane (Surr)	95		80 - 120		03/22/12 03:04	1

Lab Sample ID: LCS 180-31330/9

Matrix: Water

Analysis Batch: 31330

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	35.3		ug/L		88	80 - 124
Vinyl chloride	40.0	39.2		ug/L		98	57 - 128
cis-1,2-Dichloroethene	40.0	40.5		ug/L		101	82 - 116
1,1,1-Trichloroethane	40.0	43.7		ug/L		109	69 - 134
Trichloroethene	40.0	37.3		ug/L		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		62 - 123
Toluene-d8 (Surr)	88		80 - 120
4-Bromofluorobenzene (Surr)	85		75 - 120
Dibromofluoromethane (Surr)	98		80 - 120

Lab Sample ID: 180-9061-C-10 MS

Matrix: Water

Analysis Batch: 31330

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
Toluene	5.0	U	40.0	36.4		ug/L		91	80 - 124
Vinyl chloride	5.0	U	40.0	39.2		ug/L		98	57 - 128
cis-1,2-Dichloroethene	5.0	U	40.0	42.2		ug/L		106	82 - 116
1,1,1-Trichloroethane	5.0	U	40.0	46.8		ug/L		117	69 - 134
Trichloroethene	5.0	U	40.0	38.4		ug/L		96	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		62 - 123
Toluene-d8 (Surr)	88		80 - 120
4-Bromofluorobenzene (Surr)	85		75 - 120
Dibromofluoromethane (Surr)	100		80 - 120

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9004-1

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

Lab Sample ID: 180-9061-C-10 MSD

Matrix: Water

Analysis Batch: 31330

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample		Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Toluene	5.0	U	40.0	35.5		ug/L		89	80 - 124	3	20	
Vinyl chloride	5.0	U	40.0	36.4		ug/L		91	57 - 128	7	26	
cis-1,2-Dichloroethene	5.0	U	40.0	41.0		ug/L		103	82 - 116	3	20	
1,1,1-Trichloroethane	5.0	U	40.0	43.4		ug/L		108	69 - 134	8	24	
Trichloroethene	5.0	U	40.0	36.8		ug/L		92	80 - 120	4	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		62 - 123
Toluene-d8 (Surr)	86		80 - 120
4-Bromofluorobenzene (Surr)	83		75 - 120
Dibromofluoromethane (Surr)	96		80 - 120

Lab Sample ID: MB 180-31523/3

Matrix: Water

Analysis Batch: 31523

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	5.0	U	5.0	0.85	ug/L		03/23/12 09:11	1	
Vinyl chloride	5.0	U	5.0	1.3	ug/L		03/23/12 09:11	1	
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L		03/23/12 09:11	1	
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L		03/23/12 09:11	1	
Trichloroethene	5.0	U	5.0	0.80	ug/L		03/23/12 09:11	1	

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	113		62 - 123		03/23/12 09:11	1
Toluene-d8 (Surr)	81		80 - 120		03/23/12 09:11	1
4-Bromofluorobenzene (Surr)	95		75 - 120		03/23/12 09:11	1
Dibromofluoromethane (Surr)	89		80 - 120		03/23/12 09:11	1

Lab Sample ID: LCS 180-31523/4

Matrix: Water

Analysis Batch: 31523

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Toluene	40.0	34.7		ug/L		87	80 - 124	
Vinyl chloride	40.0	39.9		ug/L		100	57 - 128	
cis-1,2-Dichloroethene	40.0	41.9		ug/L		105	82 - 116	
1,1,1-Trichloroethane	40.0	45.8		ug/L		114	69 - 134	
Trichloroethene	40.0	36.8		ug/L		92	80 - 120	

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	94		62 - 123
Toluene-d8 (Surr)	84		80 - 120
4-Bromofluorobenzene (Surr)	85		75 - 120
Dibromofluoromethane (Surr)	98		80 - 120

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9004-1

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

Lab Sample ID: LCSD 180-31523/5

Matrix: Water

Analysis Batch: 31523

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	35.3		ug/L		88	80 - 124	2	20
Vinyl chloride	40.0	36.4		ug/L		91	57 - 128	9	26
cis-1,2-Dichloroethene	40.0	38.7		ug/L		97	82 - 116	8	20
1,1,1-Trichloroethane	40.0	42.7		ug/L		107	69 - 134	7	24
Trichloroethene	40.0	37.0		ug/L		93	80 - 120	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		62 - 123
Toluene-d8 (Surr)	87		80 - 120
4-Bromofluorobenzene (Surr)	86		75 - 120
Dibromofluoromethane (Surr)	96		80 - 120

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 180-30836/1-A

Matrix: Water

Analysis Batch: 31013

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 30836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		03/15/12 15:37	03/16/12 15:03	1
Lead	3.0	U	3.0	1.3	ug/L		03/15/12 15:37	03/16/12 15:03	1

Lab Sample ID: LCS 180-30836/2-A

Matrix: Water

Analysis Batch: 31013

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	46.4		ug/L		93	80 - 120
Lead	500	482		ug/L		96	80 - 120

Lab Sample ID: 180-9007-B-1-B MS

Matrix: Water

Analysis Batch: 31013

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 30836

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.31	J	50.0	46.5		ug/L		92	75 - 125
Lead	3.0	U	500	484		ug/L		97	75 - 125

Lab Sample ID: 180-9007-B-1-C MSD

Matrix: Water

Analysis Batch: 31013

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 30836

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	0.31	J	50.0	46.1		ug/L		92	75 - 125	1	20
Lead	3.0	U	500	481		ug/L		96	75 - 125	1	20

QC Association Summary

Client: Leo Brausch Consulting
 Project/Site: Buffalo Airport

TestAmerica Job ID: 180-9004-1

GC/MS VOA

Analysis Batch: 31330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-9004-1	WG-18036-031312-001	Total/NA	Water	8260B	
180-9004-2	TB-18036-031312	Total/NA	Water	8260B	
180-9061-C-10 MS	Matrix Spike	Total/NA	Water	8260B	
180-9061-C-10 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 180-31330/9	Lab Control Sample	Total/NA	Water	8260B	
MB 180-31330/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 31523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-9004-1 - DL	WG-18036-031312-001	Total/NA	Water	8260B	
LCS 180-31523/4	Lab Control Sample	Total/NA	Water	8260B	
LCS 180-31523/5	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 180-31523/3	Method Blank	Total/NA	Water	8260B	

Metals

Prep Batch: 30836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-9004-1	WG-18036-031312-001	Total/NA	Water	3010A	
180-9007-B-1-B MS	Matrix Spike	Total/NA	Water	3010A	
180-9007-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	
LCS 180-30836/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 180-30836/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 31013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-9004-1	WG-18036-031312-001	Total/NA	Water	6010B	30836
180-9007-B-1-B MS	Matrix Spike	Total/NA	Water	6010B	30836
180-9007-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	30836
LCS 180-30836/2-A	Lab Control Sample	Total/NA	Water	6010B	30836
MB 180-30836/1-A	Method Blank	Total/NA	Water	6010B	30836



CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD
Address: 2055 Niagara Falls Blvd, NY 14304
Phone: 9004 1.0 # 1

COC NO.: 31142

PAGE 1 OF 1

(See Reverse Side for Instructions)

Project No/ Phase/Task Code:
18036-1231

Project Name:
ViaCom 1/4 GW

Project Location:
Buffalo Airport

Chemistry Contact:

Sampler(s):
D. Tyran P. Ranieri

Laboratory Name:
Test America

Lab Location:
Pittsburgh

SSOW ID:
Cooler No:

Lab Contact:
SAMPLE TYPE

CONTAINER QUANTITY & PRESERVATION

ANALYSIS REQUESTED
(See Back of COC for Definitions)

Carrier:
Fedex

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)

Unpreserved

Hydrochloric Acid (HCl)

Nitric Acid (HNO₃)

Sulfuric Acid (H₂SO₄)

Sodium Hydroxide (NaOH)

Methanol/Water (Soil VOC)

EnCores 3x5-g, 1x25-g

Other:

Total Containers/Sample

MS/MSD Request

Date Shipped:
3-13-12

Airbill No:

COMMENTS/
SPECIAL INSTRUCTIONS:

1 W6-18036-031312-061 3/13/12 11:15 W6 G1 X X
2 TB-18036-031312 3/13/12 TB G X X

Notes: (P) 3-13-12

MS/MSD Request

Date Shipped:
3-13-12

Airbill No:

COMMENTS/
SPECIAL INSTRUCTIONS:

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)	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	MS/MSD Request	Date Shipped:	Airbill No:	COMMENTS/ SPECIAL INSTRUCTIONS:
1	W6-18036-031312-061	3/13/12	11:15	W6	G1	X	X							4		3-13-12		
2	TB-18036-031312	3/13/12		TB	G	X								3				
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		

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: 7
All Samples in Cooler must be on COC

Notes/ Special Requirements:

RELINQUISHED BY

COMPANY

DATE

TIME

RECEIVED BY

COMPANY

DATE

TIME

1. Paul W. Ranieri

CRA

3-13-12

12:55

[Signature]

CRA

3/14/12

1030

2.

Distribution:

WHITE - Fully Executed Copy (CRA)

YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampling Crew

CRA Form: COC-10B (20110804)

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

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-9004-1

Login Number: 9004

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Gamber, Tom

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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: 180-9004-1

Login Number: 9004

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Gamber, Tom

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

