CBS Corporation

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

Via Electronic and First-Class Mail
August 22, 2011

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 during July 2011 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

A. On July 18, 2011, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the June 2011 operating period. That status report also transmitted the discharge monitoring data for June 2011.

B. The recovery and treatment system operated throughout July 2011.

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. Via email dated July 28, 2011, NYSDEC indicated that its approval of the partial closure of the 002 system under the *Revised Work Plan* (Rev. 1, November 7, 2008) was being withheld because of concerns raised by the Niagara Frontier Transportation Authority (NFTA) regarding possible flooding and cross connections of their storm sewers. As indicated in its return email of July 28, 2011, CBS had discussed this topic with NFTA in the past (most recently in January and February 2010) but believed that, based on telephone discussions and email correspondence from NFTA at that time, NFTA's concerns had been addressed. CBS is unaware of any ongoing or unresolved issues that would reasonably delay the implementation the Phase 1 closure of the 002 system under the *Revised Work Plan* (Rev. 1, November 7, 2008).

2. Sampling Results and Other Site Data

A. In July 2011, the groundwater system recovered and treated an estimated 211,000 gallons.[1]

B. Attachment A provides the discharge monitoring report for July 2011 based on the effluent sample collected on July 6, 2011, and 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 were calculated from these data.

- The pH data are provided via periodic on-site readings and laboratory analysis of the monthly effluent sample. 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. Also please note that the analytical laboratory reported a pH of 1.21 for the effluent sample collected on July 6 and received on July 7, 2011. This value clearly results from an error in sampling or analysis. It is suspected that in field sampling some of the nitric acid preservative in the sample bottle for metals analysis was unintentionally introduced to the bottle for general

[1] Based on additional information and recalculation, the estimated total discharge for June 2011 has been revised to 265,000 gallons from the 260,000 gallons as indicated in the June 2011 monthly status report.

chemistry analysis or at the laboratory the pH was inadvertent measured from the metals sample bottle rather than the general chemistry sample bottle. Field-measured pH values both before (July 4, 2011) and after (July 12, 2011) were in the typical range observed for the effluent, *i.e.*, 7.54 and 7.29, respectively. On this basis, the laboratory pH result was rejected as unusable, and the effluent pH results for the July 2011 reporting period are considered compliant with all discharge limitations. For the July 2011 reporting period, all other effluent sampling results complied with discharge limitations as well.

E. Table 1 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 June 14, 2011. Attachment C includes the analytical laboratory report for this monitoring well sample.

F. Figure 1 shows the relationship between target volatile organic compound (VOC) concentrations over time at well MW-32. As shown in Figure 1, total target VOC concentrations have significantly decreased at well MW-32 following the multiple rounds of in situ chemical oxidation treatment that were conducted after the source removal specified in the December 1995 Record of Decision (ROD) failed to result in low residual VOC concentrations at this well.

G. Table 2 provides the data from the semi-annual groundwater monitoring of the nine wells located in the central and southern portion of the Site. As has been typical throughout the period of groundwater monitoring, the groundwater shows no concentrations of the VOCs above the remedial action objectives (RAOs) established in the December 1995 ROD. In this latest round of sampling, cadmium and lead concentrations in all wells were likewise below RAOs.

H. Attachment C provides the analytical laboratory data report for the groundwater monitoring. This attachment also includes a key to correlate laboratory sample numbers to well numbers.

I. On behalf of CBS, CRA is forwarding electronic data deliverables to NYENVDATA@gw.dec.state.ny.us via email.

3. Upcoming Activities

A. CBS will continue required O&M activities.

B. With NYSDEC approval, CBS will complete the Phase 1 closure of the 002 system by filling and sealing manholes MH-002-09 and MH-002-10.

C. After closing MH-002-09, and MH-002-10, 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 are lessening 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 storm sewers installed by the NFTA as part of airport development.

E. CBS seeks resolution of any outstanding issues with NYSDEC that have delayed NYSDEC approval of the *Revised Work Plan* (Rev. 1, November 7, 2008) with respect to the Phase 1 closure of the 002 system.

* * * *

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
F. Cefalu, NFTA

TABLES

Table 1
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 1
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**

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.

Table 2
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (µg/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-2	05/04/00	5 U	5 U	5 U	5 U	**1.6 J**	**1.3**	**3.0 J**
	11/30/00	5 U	5 U	5 U	5 U	5 U	1 U	10 U
	03/29/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/13/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/31/02	NA	10 U	10 U	10 U	10 U	5 U	**2.0 J**
	06/17/03	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/22/03	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/15/04	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/17/04	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/22/05	10 U	10 U	10 U	10 U	10 U	5 U	**4.1**
	12/15/05	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/13/06	10 U	10 U	10 U	10 U	10 U	5 U	**2.4 J**
	12/12/06	10 U	10 U	10 U	10 U	10 U	5 U	**4.3**
	06/26/07	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/19/07	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/26/08	10 U	10 U	10 U	10 U	10 U	5 U	**5.6**
	12/11/08	10 U	10 U	10 U	10 U	10 U	5 U	**3.2**
	06/22/09	10 U	10 U	10 U	10 U	10 U	5 U	**1.7 J**
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	**1.5 J**
	06/14/10	10 U	10 U	10 U	10 U	10 U	5 U	**4.7**
	12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	**3.2**
	06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	**2.0 J**
MW-5	05/11/00	5 U	5 U	5 U	**5.0**	5 U	1 U	**18.0**
	11/30/00	NA	5 U	5 U	5 U	5 U	1 U	10 U
	03/29/01	10 U	10 U	10 U	**7.1 J**	10 U	**1.1**	**14.3**
	06/21/01	10 U	10 U	10 U	**4.1 J**	10 U	5 U	3 U
	09/13/01	10 U	10 U	10 U	**1.5 J**	10 U	**1.2**	**14.7**

Table 2
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (µg/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-5 (cont'd)	12/13/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	**0.29 J**	3 U
	12/31/02	10 U	NA	10 U	10 U	10 U	**0.57 J**	**5.0**
	06/17/03	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/22/03	10 U	10 U	10 U	10 U	10 U	5 U	**6.1**
	06/30/04	10 U	10 U	10 U	10 U	10 U	**1.0 J**	**44.5**
	12/17/04	10 U	10 U	10 U	10 U	10 U	**0.43 J**	**17.2**
	06/22/05	10 U	10 U	10 U	**1.1 J**	10 U	**0.23 J**	**35.1**
	12/14/05	10 U	10 U	10 U	10 U	10 U	5 U	**9.4**
	06/13/06	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/12/06	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/26/07	10 U	10 U	10 U	10 U	10 U	5 U	**1.8 J**
	12/19/07	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/26/08	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/11/08	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/22/09	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/14/10	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/14/10 (dup)	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/21/10 (dup)	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/14/11	5 U	5 U	5 U	**0.9 J**	5 U	5 U	3 U
MW-28	05/04/00	5 U	5 U	5 U	5 U	5 U	**1.5**	**3.1 J**
	03/29/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	5 U	**7.0**
	12/12/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	5 U	**8.8**
	12/31/02	10 U	NA	10 U	10 U	10 U	5 U	**4.7 J**

Table 2
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (µg/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-28 (cont'd)	06/17/03	10 U	10 U	10 U	10 U	10 U	5 U	**1.4 J**
	12/22/03	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/15/04	10 U	10 U	10 U	10 U	10 U	5 U	**35.0**
	12/17/04	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/22/05	10 U	10 U	10 U	10 U	10 U	5 U	**36.8**
	12/15/05	10 U	10 U	10 U	10 U	10 U	5 U	**12.3**
	06/13/06	10 U	10 U	10 U	10 U	10 U	5 U	**36.5**
	12/12/06	10 U	10 U	10 U	10 U	10 U	5 U	**43.1**
	06/26/07	10 U	10 U	10 U	10 U	10 U	5 U	**58.6**
	12/19/07	10 U	10 U	10 U	10 U	10 U	**0.72 J**	**64.7**
	06/26/08	10 U	10 U	10 U	10 U	10 U	5 U	**8.2**
	12/11/08	10 U	10 U	10 U	10 U	10 U	5 U	**4.6**
	06/22/09	10 U	10 U	10 U	10 U	10 U	5 U	**4.6**
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	**19.2**
	06/14/10	10 U	10 U	10 U	10 U	10 U	**1.1 J**	**67.7**
	12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	**16.6**
	06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	**5.1**
	06/14/11 (dup)	5 U	5 U	5 U	5 U	5 U	5 U	**6.8**
MW-30	05/04/00	5 U	5 U	5 U	5 U	5 U	**3.0**	**11.8**
	11/30/00	NA	5 U	5 U	5 U	5 U	1.0 U	10 U
	03/29/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	**0.60 J**	**2.7 J**
	12/13/01	10 U	NA	10 U	10 U	10 U	5 U	3 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	**0.59 J**	**3.7**
	12/31/02	10 U	10 U	10 U	10 U	10 U	**1.6 J**	**9.4**
	06/18/03	10 U	10 U	10 U	10 U	10 U	**0.47 J**	**4.3**
	12/22/03	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/15/04	10 U	10 U	10 U	10 U	10 U	5 U	3 U

Table 2
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (µg/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-30 (cont'd)	01/05/05	10 U	10 U	10 U	10 U	10 U	5 U	**2.8 J**
	06/22/05	10 U	10 U	10 U	10 U	10 U	**2.4 J**	**27.5**
	12/14/05	10 U	10 U	10 U	10 U	10 U	**0.90 J**	**5.9**
	06/13/06	10 U	10 U	10 U	10 U	10 U	**1.9 J**	**14.7**
	12/12/06	10 U	10 U	10 U	10 U	10 U	**0.91 J**	**12.1**
	06/26/07	10 U	10 U	10 U	10 U	10 U	**1.7 J**	**17.8**
	12/19/07	10 U	10 U	10 U	10 U	10 U	**0.65 J**	**15.4**
	06/26/08	10 U	10 U	10 U	10 U	10 U	**1.4 J**	**15.4**
	12/11/08	10 U	10 U	**1.1 J**	10 U	10 U	**0.55 J**	**11.5**
	06/22/09	10 U	10 U	10 U	10 U	10 U	**2.6 J**	**29.7**
	09/10/09	10 U	10 U	10 U	10 U	10 U	**0.63 J**	**10.0**
	12/07/09	10 U	10 U	10 U	10 U	10 U	**1.4 J**	**14.0**
	06/14/10	10 U	10 U	10 U	10 U	10 U	**3.0 J**	**37.3**
	12/21/10	10 U	10 U	10 U	10 U	10 U	**1.3 J**	**12.7**
	06/14/11	5 U	5 U	5 U	5 U	5 U	**2.0 J**	**21.0**
MW-31	05/09/00	5 U	5 U	5 U	5 U	5 U	1 U	3 U
	11/30/00	NA	5 U	5 U	5 U	5 U	1 U	10 U
	03/29/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	**0.27 J**	3 U
	12/13/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	**0.55 J**	**3.4**
	12/31/02	10 U	NA	10 U	10 U	10 U	5 U	**2.9 J**
	06/17/03	10 U	10 U	10 U	10 U	10 U	5 U	**8.1**
	12/22/03	10 U	10 U	10 U	10 U	10 U	5 U	**13.2**
	06/30/04	10 U	10 U	10 U	10 U	10 U	**0.38 J**	**11.0**
	12/17/04	10 U	10 U	10 U	10 U	10 U	5 U	**2.0 J**
	06/22/05	10 U	10 U	10 U	10 U	10 U	**1.1 J**	**38.2**
	12/15/05	10 U	10 U	10 U	10 U	10 U	**0.58 J**	**3.9**

Table 2
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (µg/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-31 (cont'd)	06/13/06	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/12/06	10 U	10 U	10 U	10 U	10 U	5 U	**2.4 J**
	06/26/07	10 U	10 U	10 U	10 U	10 U	**1.1 J**	**23.1**
	12/19/07	10 U	10 U	10 U	10 U	10 U	**6.2**	**116**
	06/27/08	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/11/08	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/22/09	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	09/10/09	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/14/10	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	**2.3 J**
	06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	3 U
MW-33	05/11/00	NA	5 U	**1.3 J**	5 U	5 U	**1.3**	3 U
	12/01/00	NA	5 U	**35**	5 U	5 U	1 U	10 U
	03/28/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/13/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/31/02	10 U	NA	10 U	10 U	10 U	5 U	3 U
	06/18/03	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/22/03	10 U	10 U	10 U	10 U	10 U	**1.2 J**	**15.0**
	06/15/04	10 U	10 U	10 U	10 U	10 U	5 U	**7.4**
	12/17/04	10 U	10 U	10 U	10 U	10 U	5 U	**2.5 J**
	06/22/05	10 U	10 U	10 U	10 U	10 U	5 U	**1.9 J**
	12/14/05	**23**	10 U	10 U	**16**	**1.5 J**	5 U	3 U
	06/13/06	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/12/06	10 U	10 U	10 U	10 U	10 U	5 U	**2.7 J**

Table 2
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (µg/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-33 (cont'd)	06/26/07	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/19/07	10 U	10 U	10 U	10 U	10 U	5 U	**2.6 J**
	06/26/08	10 U	10 U	10 U	10 U	10 U	5 U	**2.3 J**
	12/11/08	10 U	10 U	10 U	10 U	10 U	5 U	**3.2**
	06/22/09	10 U	10 U	10 U	10 U	10 U	5 U	**4.5**
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	**2.3 J**
	06/14/10	10 U	10 U	10 U	10 U	10 U	5 U	**3.2**
	12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	**3.9**
	06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	**5.5**
MW-34	05/06/00	5 U	5 U	10 U	5 U	5 U	**1.2**	**3.8 J**
	11/30/00	5 U	5 U	35 U	5 U	5 U	**2.1**	10 U
	03/28/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/13/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/31/02	10 U	NA	10 U	10 U	10 U	5 U	**2.8 J**
	06/18/03	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/22/03	10 U	10 U	10 U	10 U	10 U	5 U	**2.3 J**
	06/15/04	10 U	10 U	10 U	10 U	10 U	**0.29 J**	**4.1**
	01/05/05	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/22/05	10 U	10 U	10 U	10 U	10 U	5 U	**5.4**
	12/14/05	10 U	10 U	10 U	10 U	10 U	**0.41 J**	**6.5**
	06/13/06	10 U	10 U	10 U	10 U	10 U	5 U	**2.7 J**
	12/12/06	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/26/07	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/19/07	10 U	10 U	10 U	10 U	10 U	5 U	**4.3**
	06/26/08	10 U	10 U	10 U	10 U	10 U	5 U	3 U

Table 2
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (µg/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-34 (cont'd)	12/11/08	10 U	10 U	10 U	10 U	10 U	5 U	**3.2**
	06/22/09	10 U	10 U	10 U	10 U	10 U	5 U	**1.9 J**
	09/10/09	10 U	10 U	10 U	10 U	10 U	5 U	**3.1**
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	**1.4 J**
	06/14/10	10 U	10 U	10 U	10 U	10 U	5 U	**3.2**
	12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	**0.96 J**
	06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	3 U
MW-34D	05/06/00	5 U	5 U	5 U	5 U	5 U	**1.2**	**3.1 J**
	11/30/00	5 U	5 U	5 U	5 U	5 U	1 U	10 U
	03/28/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	06/21/01	10 U	**2.2 J**	10 U	**1.1 J**	10 U	5 U	3 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/13/01	10 U	10 U	10 U	10 U	10 U	5 U	4 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/31/02	10 U	NA	10 U	10 U	10 U	5 U	**2.3 J**
	06/18/03	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/22/03	10 U	10 U	10 U	10 U	10 U	5 U	**12.8**
	06/15/04	10 U	10 U	10 U	10 U	10 U	5 U	**3.9**
	01/05/05	10 U	10 U	10 U	10 U	10 U	5 U	**1.7 J**
	06/22/05	10 U	10 U	10 U	10 U	10 U	5 U	**9.8**
	12/14/05	10 U	10 U	10 U	10 U	10 U	5 U	**2.6 J**
	06/13/06	10 U	10 U	10 U	10 U	10 U	**1.7 J**	3 U
	12/12/06	10 U	10 U	10 U	10 U	10 U	5 U	**7.0**
	06/26/07	10 U	10 U	10 U	10 U	10 U	**0.47 J**	3 U
	06/26/07	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/19/07	10 U	10 U	10 U	10 U	10 U	**0.31 J**	**2.4 J**
	06/26/08	10 U	10 U	10 U	10 U	10 U	5 U	3 U
	12/11/08	10 U	10 U	10 U	10 U	10 U	**0.23 J**	**2.4 J**

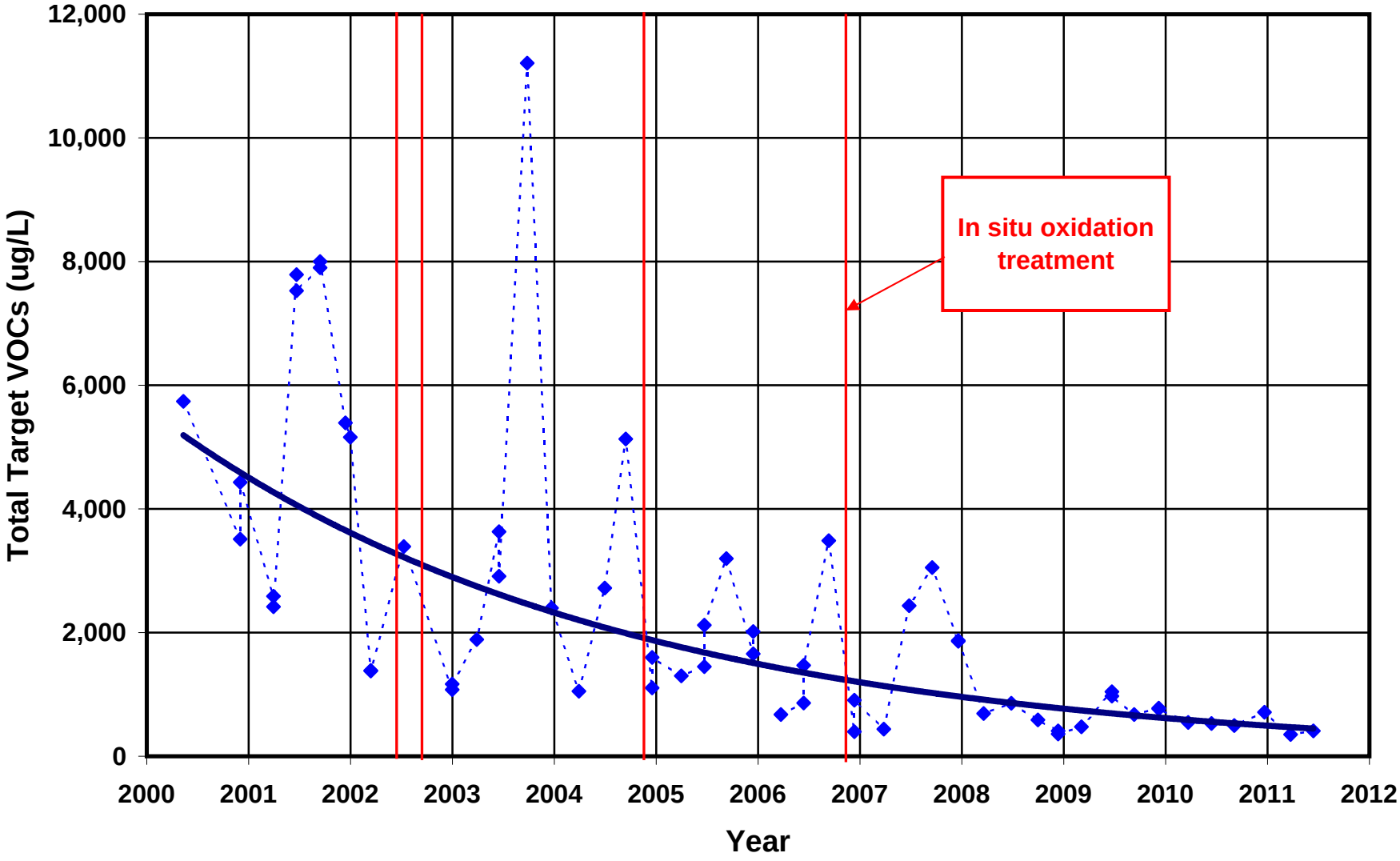
Table 2
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (µg/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-34D (cont'd)	06/22/09	10 U	10 U	10 U	10 U	10 U	**0.37 J**	3 U
	09/10/09	10 U	10 U	10 U	10 U	10 U	**0.16 J**	3 U
	12/07/09	10 U	10 U	10 U	10 U	10 U	**0.38 J**	3 U
	06/14/10	10 U	10 U	10 U	10 U	10 U	**0.53 J**	3 U
	12/21/10	10 U	10 U	10 U	10 U	10 U	**0.57 J**	**1.3 J**
	06/14/11	5 U	5 U	5 U	5 U	5 U	**0.26 J**	3 U
MW-35	09/10/09	10 U	10 U	10 U	10 U	10 U	5 U	**2.1 J**
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	**2.0 J**
	06/14/10	10 U	10 U	10 U	10 U	10 U	5 U	**8.2**
	12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	**14.4**
	06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	**4.6**

Data Legend:
"NA" - indicates not analyzed
*Detections and estimated values are in **bold-face** type.*
Concentrations above Remedial Action Objectives are highlighted in yellow.
For clarity, the results of the most-recent sampling round are highlighted in light green.
Data qualifiers:
U - not detected at indicated reporting limit (RL)
J - estimated concentration above minimum detection limit (MDL), but below RL.

FIGURE

Figure 1: Total Target VOCs at MW-32



ATTACHMENT A

DISCHARGE MONITORING REPORT
JULY 2011

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

Reporting Month & Year **Jul-11**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**8,748**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**7.18**	**7.59**	**s.u.**		**4**	**Grab**
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		**< 4.0**	**mg/L**	**< 0.29**	**1**	**Grab**
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00007**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**< 0.15**	**ug/L**	**< 0.000011**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**3.6**	**ug/L**	**0.00026**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

ANALYTICAL LABORATORY REPORT
EFFLUENT SAMPLING – JULY 2011

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: 180-1729-1
Client Project/Site: Buffalo Airport
Sampling Event: Effluent

For:
Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch

Authorized for release by:
07/22/2011 04:57:35 PM
Larry Matko
Laboratory Technical Director
larry.matko@testamericainc.com

Designee for

Carrie Gamber
Project Manager II
carrie.gamber@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.

Table of Contents

Job ID: 180-1729-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-1729-1

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1729-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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.

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.

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.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Certification Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1729-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Pittsburgh	ACLASS	DoD ELAP		ADE-1422
TestAmerica Pittsburgh	Arkansas	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	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	North Carolina DENR	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	USDA		P-Soil-01
TestAmerica Pittsburgh	USDA	USDA		P330-10-00139
TestAmerica Pittsburgh	Utah	NELAC	8	STLP
TestAmerica Pittsburgh	West Virginia	West Virginia DEP	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: 180-1729-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-1729-1	EFF0711	Water	07/06/11 09:00	07/07/11 10:00

Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1729-1

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: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1729-1

Client Sample ID: EFF0711
Date Collected: 07/06/11 09:00
Date Received: 07/07/11 10:00

Lab Sample ID: 180-1729-1
Matrix: Water

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			07/13/11 15:42	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			07/13/11 15:42	1
Toluene	1.0	U	1.0	0.15	ug/L			07/13/11 15:42	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			07/13/11 15:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			07/13/11 15:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/13/11 15:42	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 135*		*07/13/11 15:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*62 - 123*		*07/13/11 15:42*	*1*
Toluene-d8 (Surr)	*104*		*71 - 118*		*07/13/11 15:42*	*1*
Dibromofluoromethane (Surr)	*101*		*64 - 128*		*07/13/11 15:42*	*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		07/11/11 12:12	07/12/11 11:09	1
Chromium	**3.6**	**J**	5.0	0.51	ug/L		07/11/11 12:12	07/12/11 11:09	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			07/07/11 14:19	1
pH	**1.21**	**HF**	0.100	0.100	SU			07/08/11 08:53	1

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1729-1

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

Lab Sample ID: MB 180-7135/4
Matrix: Water
Analysis Batch: 7135

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			07/13/11 13:02	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			07/13/11 13:02	1
Toluene	1.0	U	1.0	0.15	ug/L			07/13/11 13:02	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			07/13/11 13:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			07/13/11 13:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			07/13/11 13:02	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 135*		*07/13/11 13:02*	*1*
4-Bromofluorobenzene (Surr)	*109*		*62 - 123*		*07/13/11 13:02*	*1*
Toluene-d8 (Surr)	*104*		*71 - 118*		*07/13/11 13:02*	*1*
Dibromofluoromethane (Surr)	*107*		*64 - 128*		*07/13/11 13:02*	*1*

Lab Sample ID: LCS 180-7135/3
Matrix: Water
Analysis Batch: 7135

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	17.4		ug/L		87	60 - 140
Tetrachloroethene	20.0	19.5		ug/L		97	73 - 127
Toluene	20.0	18.9		ug/L		94	74 - 126
Trichloroethene	20.0	18.2		ug/L		91	73 - 125
1,2-Dichlorobenzene	20.0	19.3		ug/L		96	68 - 127
cis-1,2-Dichloroethene	20.0	17.7		ug/L		88	69 - 127

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*58 - 135*
4-Bromofluorobenzene (Surr)	*94*		*62 - 123*
Toluene-d8 (Surr)	*94*		*71 - 118*
Dibromofluoromethane (Surr)	*89*		*64 - 128*

Lab Sample ID: 180-1661-N-1 MS
Matrix: Water
Analysis Batch: 7135

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Methylene Chloride	1.0	U	20.0	16.9		ug/L		85	60 - 140
Tetrachloroethene	1.0	U	20.0	20.3		ug/L		102	73 - 127
Toluene	1.0	U	20.0	19.1		ug/L		96	74 - 126
Trichloroethene	1.0	U	20.0	18.5		ug/L		93	73 - 125
1,2-Dichlorobenzene	1.0	U	20.0	20.2		ug/L		101	68 - 127
cis-1,2-Dichloroethene	1.0	U	20.0	18.9		ug/L		94	69 - 127

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*58 - 135*
4-Bromofluorobenzene (Surr)	*95*		*62 - 123*
Toluene-d8 (Surr)	*99*		*71 - 118*
Dibromofluoromethane (Surr)	*95*		*64 - 128*

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

Lab Sample ID: 180-1661-O-1 MSD
Matrix: Water
Analysis Batch: 7135

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methylene Chloride	1.0	U	20.0	16.9		ug/L		84	60 - 140	0	25
Tetrachloroethene	1.0	U	20.0	20.7		ug/L		104	73 - 127	2	25
Toluene	1.0	U	20.0	19.6		ug/L		98	74 - 126	2	25
Trichloroethene	1.0	U	20.0	17.5		ug/L		88	73 - 125	6	25
1,2-Dichlorobenzene	1.0	U	20.0	20.2		ug/L		101	68 - 127	0	35
cis-1,2-Dichloroethene	1.0	U	20.0	18.2		ug/L		91	69 - 127	4	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*58 - 135*
4-Bromofluorobenzene (Surr)	*99*		*62 - 123*
Toluene-d8 (Surr)	*100*		*71 - 118*
Dibromofluoromethane (Surr)	*92*		*64 - 128*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-6846/1-A
Matrix: Water
Analysis Batch: 7036

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 6846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.15	ug/L		07/11/11 12:12	07/12/11 10:39	1
Chromium	5.0	U	5.0	0.51	ug/L		07/11/11 12:12	07/12/11 10:39	1

Lab Sample ID: LCS 180-6846/2-A
Matrix: Water
Analysis Batch: 7036

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 6846

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Cadmium			50.0	49.0		ug/L		98	85 - 115		
Chromium			200	200		ug/L		100	85 - 115		

Lab Sample ID: 180-1729-1 MS
Matrix: Water
Analysis Batch: 7036

Client Sample ID: EFF0711
Prep Type: Total Recoverable
Prep Batch: 6846

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Cadmium	5.0	U	50.0	48.3		ug/L		97	70 - 130		
Chromium	3.6	J	200	201		ug/L		99	70 - 130		

Lab Sample ID: 180-1729-1 MSD
Matrix: Water
Analysis Batch: 7036

Client Sample ID: EFF0711
Prep Type: Total Recoverable
Prep Batch: 6846

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cadmium	5.0	U	50.0	50.9		ug/L		102	70 - 130	5	20
Chromium	3.6	J	200	210		ug/L		103	70 - 130	4	20

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1729-1

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

Lab Sample ID: MB 180-6560/2
Matrix: Water
Analysis Batch: 6560

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			07/07/11 13:37	1

Lab Sample ID: LCS 180-6560/1
Matrix: Water
Analysis Batch: 6560

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Total Suspended Solids			54.9	48.0		mg/L		87	80 - 120		

Lab Sample ID: 180-1688-A-15 DU
Matrix: Water
Analysis Batch: 6560

Client Sample ID: Duplicate
Prep Type: Total/NA

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

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-6637/1
Matrix: Water
Analysis Batch: 6637

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
pH			7.00	6.960		SU		99	99 - 101		

Lab Sample ID: 180-1743-M-1 DU
Matrix: Water
Analysis Batch: 6637

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	6.81			6.820		SU				0.1	2

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1729-1

GC/MS VOA

Analysis Batch: 7135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-7135/3	Lab Control Sample	Total/NA	Water	624	
MB 180-7135/4	Method Blank	Total/NA	Water	624	
180-1729-1	EFF0711	Total/NA	Water	624	
180-1661-N-1 MS	Matrix Spike	Total/NA	Water	624	
180-1661-O-1 MSD	Matrix Spike Duplicate	Total/NA	Water	624	

Metals

Prep Batch: 6846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-6846/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 180-6846/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
180-1729-1	EFF0711	Total Recoverable	Water	200.7	
180-1729-1 MS	EFF0711	Total Recoverable	Water	200.7	
180-1729-1 MSD	EFF0711	Total Recoverable	Water	200.7	

Analysis Batch: 7036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-6846/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	6846
LCS 180-6846/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	6846
180-1729-1	EFF0711	Total Recoverable	Water	200.7 Rev 4.4	6846
180-1729-1 MS	EFF0711	Total Recoverable	Water	200.7 Rev 4.4	6846
180-1729-1 MSD	EFF0711	Total Recoverable	Water	200.7 Rev 4.4	6846

General Chemistry

Analysis Batch: 6560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-6560/1	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 180-6560/2	Method Blank	Total/NA	Water	SM 2540D	
180-1688-A-15 DU	Duplicate	Total/NA	Water	SM 2540D	
180-1729-1	EFF0711	Total/NA	Water	SM 2540D	

Analysis Batch: 6637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-6637/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
180-1743-M-1 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	
180-1729-1	EFF0711	Total/NA	Water	SM 4500 H+ B	

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
2055 Niagara Falls Blvd
Niagara Falls NY 14304

SHIPPED TO (Laboratory Name): Test America Pitts

REFERENCE NUMBER: 018036 Buffalo Airport Viacom

SAMPLER'S SIGNATURE: [signature] PRINTED NAME: Charles Bell

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	VOCs 624	200.7 metals	Sm 4500							REMARKS
	7611	9:00am	EFF0711	water	5	3	1	1							

TOTAL NUMBER OF CONTAINERS

HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
① [signature]	DATE: 1400 TIME: 7-6-11	① [signature]	DATE: 7/7/11 TIME: 1000
②	DATE: TIME:	②	DATE: TIME:
③	DATE: TIME:	③	DATE: TIME:

METHOD OF SHIPMENT:

WAY BILL No.

White —Fully Executed Copy
Yellow —Receiving Laboratory Copy
Pink —Shipper Copy
Goldenrod —Sampler Copy

SAMPLE TEAM: [signature]

RECEIVED FOR LABORATORY BY:

DATE: ______ TIME: ______

Nº CRA 25332

1001 (D) APR 28/97(NF) REV. 0 (F-15)

07/22/2011

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-1729-1

Login Number: 1729

List Number: 1

Creator: Blotzer, Tristan

List Source: TestAmerica Pittsburgh

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
GROUNDWATER MONITORING – JUNE 2011

Well Sampling Key
June 14, 2011
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well No.	Sample No.	Well Sampling Method
MW-34D	WG-18036-061411 -001	Bailer
MW-34	WG-18036-061411 -002	Bailer
MW-35	WG-18036-061411 -003	Bailer
MW-30	WG-18036-061411 -004	Bailer
MW-33	WG-18036-061411 -005	Bailer
MW-2	WG-18036-061411 -006	Bailer
MW-28	WG-18036-061411 -007	Low-Flow
MW-28 (duplicate)	WG-18036-061411 -008	Low-Flow
MW-32	WG-18036-061411 -009	Bailer
MW-5	WG-18036-061411 -010	Low-Flow
MW-31	WG-18036-061411 -011	Low-Flow
Trip Blank	TB-18036-061411	--

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: 180-1086-1
Client Project/Site: Buffalo Airport

For:
Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch

Authorized for release by:
07/11/2011 09:33:09 AM

Carrie Gamber
Project Manager II
carrie.gamber@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.

Table of Contents

Job ID: 180-1086-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-1086-1

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1086-1

Qualifiers

GC/MS VOA

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.

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.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Certification Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1086-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Pittsburgh	ACLASS	DoD ELAP		ADE-1422
TestAmerica Pittsburgh	California	NELAC	9	4224CA
TestAmerica Pittsburgh	Connecticut	State Program	1	PH-0688
TestAmerica Pittsburgh	Florida	NELAC	4	E871008
TestAmerica Pittsburgh	Kansas	NELAC	7	E-10350
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	North Carolina DENR	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	USDA		P-Soil-01
TestAmerica Pittsburgh	USDA	USDA		P330-10-00139
TestAmerica Pittsburgh	Utah	NELAC	8	STLP
TestAmerica Pittsburgh	West Virginia	West Virginia DEP	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: 180-1086-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-1086-1	WG-18036-061411-001	Water	06/14/11 09:15	06/15/11 10:00
180-1086-2	WG-18036-061411-002	Water	06/14/11 09:30	06/15/11 10:00
180-1086-3	WG-18036-061411-003	Water	06/14/11 10:30	06/15/11 10:00
180-1086-4	WG-18036-061411-004	Water	06/14/11 10:35	06/15/11 10:00
180-1086-5	WG-18036-061411-005	Water	06/14/11 11:20	06/15/11 10:00
180-1086-6	WG-18036-061411-006	Water	06/14/11 09:45	06/15/11 10:00
180-1086-7	WG-18036-061411-007	Water	06/14/11 11:00	06/15/11 10:00
180-1086-8	WG-18036-061411-008	Water	06/14/11 11:15	06/15/11 10:00
180-1086-9	WG-18036-061411-009	Water	06/14/11 11:50	06/15/11 10:00
180-1086-10	WG-18036-061411-010	Water	06/14/11 12:50	06/15/11 10:00
180-1086-11	WG-18036-061411-011	Water	06/14/11 14:10	06/15/11 10:00
180-1086-12	TB-18036-061411	Water	06/14/11 00:00	06/15/11 10:00

Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1086-1

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

Client Sample ID: WG-18036-061411-001

Lab Sample ID: 180-1086-1

Date Collected: 06/14/11 09:15

Matrix: Water

Date Received: 06/15/11 10:00

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			06/23/11 15:34	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/23/11 15:34	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/23/11 15:34	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 15:34	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/23/11 15:34	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*62 - 123*		*06/23/11 15:34*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*06/23/11 15:34*	*1*
4-Bromofluorobenzene (Surr)	*105*		*75 - 120*		*06/23/11 15:34*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*06/23/11 15:34*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.26**	**J**	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 09:54	1
Lead	3.0	U	3.0	1.3	ug/L		06/17/11 11:41	07/05/11 09:54	1

Client Sample ID: WG-18036-061411-002

Lab Sample ID: 180-1086-2

Date Collected: 06/14/11 09:30

Matrix: Water

Date Received: 06/15/11 10:00

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			06/22/11 17:01	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/22/11 17:01	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/22/11 17:01	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/22/11 17:01	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/22/11 17:01	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 123*		*06/22/11 17:01*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*06/22/11 17:01*	*1*
4-Bromofluorobenzene (Surr)	*106*		*75 - 120*		*06/22/11 17:01*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*06/22/11 17:01*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 10:00	1
Lead	3.0	U	3.0	1.3	ug/L		06/17/11 11:41	07/05/11 10:00	1

Client Sample ID: WG-18036-061411-003

Lab Sample ID: 180-1086-3

Date Collected: 06/14/11 10:30

Matrix: Water

Date Received: 06/15/11 10:00

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			06/22/11 17:24	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/22/11 17:24	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/22/11 17:24	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/22/11 17:24	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/22/11 17:24	1

Client Sample ID: WG-18036-061411-003

Lab Sample ID: 180-1086-3

Date Collected: 06/14/11 10:30

Matrix: Water

Date Received: 06/15/11 10:00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*110*		*62 - 123*		*06/22/11 17:24*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/22/11 17:24*	*1*
4-Bromofluorobenzene (Surr)	*106*		*75 - 120*		*06/22/11 17:24*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*06/22/11 17:24*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 10:06	1
Lead	**4.6**		3.0	1.3	ug/L		06/17/11 11:41	07/05/11 10:06	1

Client Sample ID: WG-18036-061411-004

Lab Sample ID: 180-1086-4

Date Collected: 06/14/11 10:35

Matrix: Water

Date Received: 06/15/11 10:00

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			06/23/11 19:49	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/23/11 19:49	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/23/11 19:49	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 19:49	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/23/11 19:49	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*118*		*62 - 123*		*06/23/11 19:49*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/23/11 19:49*	*1*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*		*06/23/11 19:49*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*06/23/11 19:49*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**2.0**	**J**	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 10:12	1
Lead	**21**		3.0	1.3	ug/L		06/17/11 11:41	07/05/11 10:12	1

Client Sample ID: WG-18036-061411-005

Lab Sample ID: 180-1086-5

Date Collected: 06/14/11 11:20

Matrix: Water

Date Received: 06/15/11 10:00

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			06/23/11 16:20	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/23/11 16:20	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/23/11 16:20	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 16:20	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/23/11 16:20	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*115*		*62 - 123*		*06/23/11 16:20*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/23/11 16:20*	*1*
4-Bromofluorobenzene (Surr)	*102*		*75 - 120*		*06/23/11 16:20*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*06/23/11 16:20*	*1*

Client Sample ID: WG-18036-061411-005

Lab Sample ID: 180-1086-5

Date Collected: 06/14/11 11:20

Matrix: Water

Date Received: 06/15/11 10:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 10:18	1
Lead	**5.5**		3.0	1.3	ug/L		06/17/11 11:41	07/05/11 10:18	1

Client Sample ID: WG-18036-061411-006

Lab Sample ID: 180-1086-6

Date Collected: 06/14/11 09:45

Matrix: Water

Date Received: 06/15/11 10:00

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			06/23/11 16:45	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/23/11 16:45	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/23/11 16:45	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 16:45	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/23/11 16:45	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 123*		*06/23/11 16:45*	*1*
Toluene-d8 (Surr)	*83*		*80 - 120*		*06/23/11 16:45*	*1*
4-Bromofluorobenzene (Surr)	*83*		*75 - 120*		*06/23/11 16:45*	*1*
Dibromofluoromethane (Surr)	*80*		*80 - 120*		*06/23/11 16:45*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 10:25	1
Lead	**2.0**	**J**	3.0	1.3	ug/L		06/17/11 11:41	07/05/11 10:25	1

Client Sample ID: WG-18036-061411-007

Lab Sample ID: 180-1086-7

Date Collected: 06/14/11 11:00

Matrix: Water

Date Received: 06/15/11 10:00

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			06/23/11 17:09	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/23/11 17:09	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/23/11 17:09	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 17:09	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/23/11 17:09	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 123*		*06/23/11 17:09*	*1*
Toluene-d8 (Surr)	*82*		*80 - 120*		*06/23/11 17:09*	*1*
4-Bromofluorobenzene (Surr)	*83*		*75 - 120*		*06/23/11 17:09*	*1*
Dibromofluoromethane (Surr)	*81*		*80 - 120*		*06/23/11 17:09*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 10:31	1
Lead	**5.1**		3.0	1.3	ug/L		06/17/11 11:41	07/05/11 10:31	1

Client Sample ID: WG-18036-061411-008

Lab Sample ID: 180-1086-8

Date Collected: 06/14/11 11:15

Matrix: Water

Date Received: 06/15/11 10:00

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			06/23/11 17:32	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/23/11 17:32	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/23/11 17:32	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 17:32	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/23/11 17:32	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*62 - 123*		*06/23/11 17:32*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/23/11 17:32*	*1*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*06/23/11 17:32*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 120*		*06/23/11 17:32*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 10:37	1
Lead	**6.8**		3.0	1.3	ug/L		06/17/11 11:41	07/05/11 10:37	1

Client Sample ID: WG-18036-061411-009

Lab Sample ID: 180-1086-9

Date Collected: 06/14/11 11:50

Matrix: Water

Date Received: 06/15/11 10:00

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			06/23/11 17:55	1
Vinyl chloride	**11**		5.0	1.3	ug/L			06/23/11 17:55	1
cis-1,2-Dichloroethene	**190**		5.0	0.67	ug/L			06/23/11 17:55	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 17:55	1
Trichloroethene	**210**		5.0	0.80	ug/L			06/23/11 17:55	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*62 - 123*		*06/23/11 17:55*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/23/11 17:55*	*1*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*06/23/11 17:55*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*06/23/11 17:55*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 11:02	1
Lead	**1.6**	**J**	3.0	1.3	ug/L		06/17/11 11:41	07/05/11 11:02	1

Client Sample ID: WG-18036-061411-010

Lab Sample ID: 180-1086-10

Date Collected: 06/14/11 12:50

Matrix: Water

Date Received: 06/15/11 10:00

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			06/23/11 18:18	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/23/11 18:18	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/23/11 18:18	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 18:18	1
Trichloroethene	**0.90**	**J**	5.0	0.80	ug/L			06/23/11 18:18	1

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1086-1

Client Sample ID: WG-18036-061411-010

Lab Sample ID: 180-1086-10

Date Collected: 06/14/11 12:50

Matrix: Water

Date Received: 06/15/11 10:00

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*116*		*62 - 123*		*06/23/11 18:18*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*06/23/11 18:18*	*1*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*06/23/11 18:18*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*06/23/11 18:18*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 11:08	1
Lead	3.0	U	3.0	1.3	ug/L		06/17/11 11:41	07/05/11 11:08	1

Client Sample ID: WG-18036-061411-011

Lab Sample ID: 180-1086-11

Date Collected: 06/14/11 14:10

Matrix: Water

Date Received: 06/15/11 10:00

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			06/23/11 18:41	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/23/11 18:41	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/23/11 18:41	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 18:41	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/23/11 18:41	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*111*		*62 - 123*		*06/23/11 18:41*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/23/11 18:41*	*1*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*		*06/23/11 18:41*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*06/23/11 18:41*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 11:14	1
Lead	3.0	U	3.0	1.3	ug/L		06/17/11 11:41	07/05/11 11:14	1

Client Sample ID: TB-18036-061411

Lab Sample ID: 180-1086-12

Date Collected: 06/14/11 00:00

Matrix: Water

Date Received: 06/15/11 10:00

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			06/23/11 19:03	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/23/11 19:03	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/23/11 19:03	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 19:03	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/23/11 19:03	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*109*		*62 - 123*		*06/23/11 19:03*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/23/11 19:03*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*06/23/11 19:03*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*06/23/11 19:03*	*1*

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

Lab Sample ID: MB 180-5121/3
Matrix: Water
Analysis Batch: 5121

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			06/22/11 08:16	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/22/11 08:16	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/22/11 08:16	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/22/11 08:16	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/22/11 08:16	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 123*		*06/22/11 08:16*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/22/11 08:16*	*1*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*		*06/22/11 08:16*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*06/22/11 08:16*	*1*

Lab Sample ID: LCS 180-5121/6
Matrix: Water
Analysis Batch: 5121

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	44.1		ug/L		110	80 - 124
Vinyl chloride	40.0	42.8		ug/L		107	57 - 128
cis-1,2-Dichloroethene	40.0	44.6		ug/L		112	82 - 116
1,1,1-Trichloroethane	40.0	45.1		ug/L		113	69 - 134
Trichloroethene	40.0	44.1		ug/L		110	80 - 120

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 123*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*

Lab Sample ID: 180-1167-C-3 MS
Matrix: Water
Analysis Batch: 5121

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	43.8		ug/L		109	80 - 124
Vinyl chloride	5.0	U	40.0	41.4		ug/L		104	57 - 128
cis-1,2-Dichloroethene	5.0	U	40.0	44.2		ug/L		111	82 - 116
1,1,1-Trichloroethane	5.0	U	40.0	45.3		ug/L		113	69 - 134
Trichloroethene	5.0	U	40.0	43.9		ug/L		110	80 - 120

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*

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

Lab Sample ID: 180-1167-E-3 MSD
Matrix: Water
Analysis Batch: 5121

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Toluene	5.0	U	40.0	37.7		ug/L		94	80 - 124	15	20
Vinyl chloride	5.0	U	40.0	39.2		ug/L		98	57 - 128	5	26
cis-1,2-Dichloroethene	5.0	U	40.0	38.7		ug/L		97	82 - 116	13	20
1,1,1-Trichloroethane	5.0	U	40.0	39.4		ug/L		99	69 - 134	14	24
Trichloroethene	5.0	U	40.0	40.4		ug/L		101	80 - 120	8	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*62 - 123*
Toluene-d8 (Surr)	*84*		*80 - 120*
4-Bromofluorobenzene (Surr)	*81*		*75 - 120*
Dibromofluoromethane (Surr)	*87*		*80 - 120*

Lab Sample ID: MB 180-5438/3
Matrix: Water
Analysis Batch: 5438

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			06/23/11 10:15	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			06/23/11 10:15	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			06/23/11 10:15	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			06/23/11 10:15	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			06/23/11 10:15	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*62 - 123*		*06/23/11 10:15*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/23/11 10:15*	*1*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*		*06/23/11 10:15*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*06/23/11 10:15*	*1*

Lab Sample ID: LCS 180-5438/6
Matrix: Water
Analysis Batch: 5438

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	36.9		ug/L		92	80 - 124		
Vinyl chloride			40.0	31.5		ug/L		79	57 - 128		
cis-1,2-Dichloroethene			40.0	36.2		ug/L		90	82 - 116		
1,1,1-Trichloroethane			40.0	47.1		ug/L		118	69 - 134		
Trichloroethene			40.0	36.1		ug/L		90	80 - 120		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*62 - 123*
Toluene-d8 (Surr)	*94*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*

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

Lab Sample ID: 180-1167-D-11 MS
Matrix: Water
Analysis Batch: 5438

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	38.8		ug/L		97	80 - 124
Vinyl chloride	5.0	U	40.0	32.4		ug/L		81	57 - 128
cis-1,2-Dichloroethene	1.1	J	40.0	38.7		ug/L		94	82 - 116
1,1,1-Trichloroethane	29		40.0	75.7		ug/L		116	69 - 134
Trichloroethene	1.8	J	40.0	39.0		ug/L		93	80 - 120

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*62 - 123*
Toluene-d8 (Surr)	*93*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*75 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*

Lab Sample ID: 180-1167-D-11 MSD
Matrix: Water
Analysis Batch: 5438

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Toluene	5.0	U	40.0	38.7		ug/L		97	80 - 124	0	20
Vinyl chloride	5.0	U	40.0	35.4		ug/L		88	57 - 128	9	26
cis-1,2-Dichloroethene	1.1	J	40.0	41.2		ug/L		100	82 - 116	6	20
1,1,1-Trichloroethane	29		40.0	80.5		ug/L		128	69 - 134	6	24
Trichloroethene	1.8	J	40.0	40.3		ug/L		96	80 - 120	3	20

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*62 - 123*
Toluene-d8 (Surr)	*91*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 180-4697/1-A
Matrix: Water
Analysis Batch: 6348

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 4697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/17/11 11:41	07/05/11 08:30	1
Lead	3.0	U	3.0	1.3	ug/L		06/17/11 11:41	07/05/11 08:30	1

Lab Sample ID: LCS 180-4697/2-A
Matrix: Water
Analysis Batch: 6348

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 4697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cadmium	50.0	51.3		ug/L		103	80 - 120
Lead	500	523		ug/L		105	80 - 120

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-1086-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 180-1092-D-1-D MS
Matrix: Water
Analysis Batch: 6348

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 4697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Cadmium	0.17	J	50.0	52.0		ug/L		104	75 - 125
Lead	3.0	U	500	528		ug/L		106	75 - 125

Lab Sample ID: 180-1092-D-1-E MSD
Matrix: Water
Analysis Batch: 6348

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 4697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cadmium	0.17	J	50.0	51.8		ug/L		103	75 - 125	0	20
Lead	3.0	U	500	525		ug/L		105	75 - 125	1	20

GC/MS VOA

Analysis Batch: 5121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-5121/3	Method Blank	Total/NA	Water	8260B	
LCS 180-5121/6	Lab Control Sample	Total/NA	Water	8260B	
180-1167-C-3 MS	Matrix Spike	Total/NA	Water	8260B	
180-1167-E-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
180-1086-2	WG-18036-061411-002	Total/NA	Water	8260B	
180-1086-3	WG-18036-061411-003	Total/NA	Water	8260B	

Analysis Batch: 5438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-5438/3	Method Blank	Total/NA	Water	8260B	
LCS 180-5438/6	Lab Control Sample	Total/NA	Water	8260B	
180-1167-D-11 MS	Matrix Spike	Total/NA	Water	8260B	
180-1167-D-11 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
180-1086-1	WG-18036-061411-001	Total/NA	Water	8260B	
180-1086-5	WG-18036-061411-005	Total/NA	Water	8260B	
180-1086-6	WG-18036-061411-006	Total/NA	Water	8260B	
180-1086-7	WG-18036-061411-007	Total/NA	Water	8260B	
180-1086-8	WG-18036-061411-008	Total/NA	Water	8260B	
180-1086-9	WG-18036-061411-009	Total/NA	Water	8260B	
180-1086-10	WG-18036-061411-010	Total/NA	Water	8260B	
180-1086-11	WG-18036-061411-011	Total/NA	Water	8260B	
180-1086-12	TB-18036-061411	Total/NA	Water	8260B	
180-1086-4	WG-18036-061411-004	Total/NA	Water	8260B	

Metals

Prep Batch: 4697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-4697/1-A	Method Blank	Total/NA	Water	3010A	
LCS 180-4697/2-A	Lab Control Sample	Total/NA	Water	3010A	
180-1092-D-1-D MS	Matrix Spike	Total/NA	Water	3010A	
180-1092-D-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	
180-1086-1	WG-18036-061411-001	Total/NA	Water	3010A	
180-1086-2	WG-18036-061411-002	Total/NA	Water	3010A	
180-1086-3	WG-18036-061411-003	Total/NA	Water	3010A	
180-1086-4	WG-18036-061411-004	Total/NA	Water	3010A	
180-1086-5	WG-18036-061411-005	Total/NA	Water	3010A	
180-1086-6	WG-18036-061411-006	Total/NA	Water	3010A	
180-1086-7	WG-18036-061411-007	Total/NA	Water	3010A	
180-1086-8	WG-18036-061411-008	Total/NA	Water	3010A	
180-1086-9	WG-18036-061411-009	Total/NA	Water	3010A	
180-1086-10	WG-18036-061411-010	Total/NA	Water	3010A	
180-1086-11	WG-18036-061411-011	Total/NA	Water	3010A	

Analysis Batch: 6348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-4697/1-A	Method Blank	Total/NA	Water	6010B	4697
LCS 180-4697/2-A	Lab Control Sample	Total/NA	Water	6010B	4697
180-1092-D-1-D MS	Matrix Spike	Total/NA	Water	6010B	4697
180-1092-D-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	4697
180-1086-1	WG-18036-061411-001	Total/NA	Water	6010B	4697
180-1086-2	WG-18036-061411-002	Total/NA	Water	6010B	4697

Metals (Continued)

Analysis Batch: 6348 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-1086-3	WG-18036-061411-003	Total/NA	Water	6010B	4697
180-1086-4	WG-18036-061411-004	Total/NA	Water	6010B	4697
180-1086-5	WG-18036-061411-005	Total/NA	Water	6010B	4697
180-1086-6	WG-18036-061411-006	Total/NA	Water	6010B	4697
180-1086-7	WG-18036-061411-007	Total/NA	Water	6010B	4697
180-1086-8	WG-18036-061411-008	Total/NA	Water	6010B	4697
180-1086-9	WG-18036-061411-009	Total/NA	Water	6010B	4697
180-1086-10	WG-18036-061411-010	Total/NA	Water	6010B	4697
180-1086-11	WG-18036-061411-011	Total/NA	Water	6010B	4697

1086 0.6

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES — NF Office

SHIPPED TO (Laboratory Name): Test America Pittsburgh

REFERENCE NUMBER: 18036-1121 Viacom – Semi Annual GW Sampling

SAMPLER'S SIGNATURE: Dave Tyran PRINTED NAME: David Tyran

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	VOCs	Pb	Cd	REMARKS
	6-14-11	0915	WG-18036-061411-001	Water	4	X	X	X	
		0930	WG-18036-061411-002		4	X	X	X	
		1030	WG-18036-061411-003		4	X	X	X	
		1035	WG-18036-061411-004		4	X	X	X	
		1120	WG-18036-061411-005		4	X	X	X	
		0945	WG-18036-061411-006		4	X	X	X	
		1100	WG-18036-061411-007		4	X	X	X	
		1115	WG-18036-061411-008		4	X	X	X	
		1150	WG-18036-061411-009		4	X	X	X	
		1250	WG-18036-061411-010		4	X	X	X	
		1410	WG-18036-061411-011		4	X	X	X	
			TB-18036-061411	Lab Water	2	X			

TOTAL NUMBER OF CONTAINERS: 46

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① Dave Tyran	DATE: 6-14-11 TIME: 1600	RECEIVED BY: ①	DATE: 6/15/11 TIME: 1000
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: Fed Ex WAY BILL No.

White —Fully Executed Copy
Yellow —Receiving Laboratory Copy
Pink —Shipper Copy
Goldenrod —Sampler Copy

SAMPLE TEAM: S. Gardner, D. Tyran

RECEIVED FOR LABORATORY BY: DATE: TIME:

Nº CRA 17338

1001 (D) APR 28/97(NF) REV. 0 (F-15)

07/11/2011

2055 NIAGARA FALLS BLVD
NIAGARA FALLS, NY 14304
UNITED STATES US

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TO SAMPLE CUSTODIAN
TEST AMERICA
301 ALPHA DRIVE

PITTSBURGH PA 152381330
(412) 963-7058
REF: 018036-1121 GEB (TYRAN)

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XH AGCA

15238
PA-US
PIT

505C1/0CB0/DA47

Part # 154254-354 RIT2 11/10

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-1086-1

Login Number: 1086

List Number: 1

Creator: Oakley, Jason

List Source: TestAmerica Pittsburgh

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
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.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	