



**CBS Corporation**

Environmental Remediation  
PNC Center  
20 Stanwix Street, 10<sup>th</sup> Floor  
Pittsburgh, PA 15222

July 14, 2013

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 Status Report  
NYSDEC Site 9-15-066, Cheektowaga, New York**

Dear Mr. Locey:

As a Respondent to the Order on Consent and Settlement Agreement (Index No. B9-0381-91-8) entered with the New York State Department of Environmental Conservation (NYSDEC), CBS Corporation (CBS) submits this monthly status report for activities undertaken by CBS in June 2013 at NYSDEC Site No. 9-15-066 in Cheektowaga, New York (the "Site").

**1. Site Activities and Status**

- A. On June 11, 2013, CBS submitted to NYSDEC a monthly report on the status of its activities at the Site in May 2013.
- B. On June 20, 2013, Conestoga-Rovers & Associates completed the sampling for the semi-annual groundwater monitoring event. Samples were submitted to TestAmerica Laboratories, Inc. in Pittsburgh, Pennsylvania for analysis.

**2. Sampling Results and Other Site Data**

- A. 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 20, 2013.

- B. Figure 1 shows target volatile organic compound (VOC) concentrations over time at well MW-32. As shown in Figure 1, total target VOC concentrations decreased significantly at well MW-32 following the *in situ* chemical oxidation treatment that was conducted after the source removal specified in the June 1995 Record of Decision (ROD) failed to result in low residual VOC concentrations at this well. Following this initial sharp decline in concentrations and a brief rebound period, the VOC concentrations at this well have been stable with a slight decreasing trend over the past 23 quarters of monitoring.
- C. 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 detectable concentrations of the VOCs or metals for which remedial action objectives were established in the December 1995 ROD.
- D. Attachment A provides the analytical laboratory data report for the semi-annual groundwater monitoring. This attachment also includes a key to correlate laboratory sample numbers to well numbers.
- E. Table 3 provides water-level data at groundwater monitoring wells and select manholes from measurements taken as part of the June 2013 monitoring event.
- F. CBS developed no other sampling or Site data during the June 2013 reporting period.

### **3. Upcoming Activities**

- A. None currently planned.

### **4. Operational Problems**

- A. CBS and the Niagara Frontier Transportation Authority (NFTA) continue to exchange technical information and other comments and positions with regard to closure of the groundwater collection and treatment system and in consideration of NYSDEC comments. CBS is holding off submitting a revised *Work Plan, Closure of Groundwater Collection and Treatment System* until that exchange has been completed.
- B. Problems associated with the operation and maintenance of the Site groundwater collection and treatment system have been addressed in previously submitted monthly status reports.

David P. Locey  
July 14, 2013  
Page 3

\* \* \* \*

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: Christine D'Aloise, NFTA  
Tim Carvana, NFTA  
M. G. Graham, Esq.  
Kevin P. Lynch, CRA  
W. D. Wall, Esq.

## **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	<b>1,500</b>	5 U	5 U	<b>3,700</b>	<b>540</b>	5 U	3 U
12/01/00	<b>2,200</b>	5 U	5 U	<b>1,200</b>	<b>110</b>	1 U	10 U
12/01/00 (Dup)	<b>2,300</b>	10 U	10 U	<b>1,900</b>	<b>230 J</b>	NA	NA
03/30/01	<b>1,600</b>	100 U	100 U	<b>650</b>	<b>340</b>	5 U	3 U
03/30/01 (Dup)	<b>1,500</b>	100 U	100 U	<b>610</b>	<b>310</b>	5 U	3 U
06/21/01	<b>2,800</b>	250 U	250 U	<b>4,100</b>	<b>890</b>	5 U	3 U
06/21/01 (Dup)	<b>2,700</b>	250 U	250 U	<b>4,000</b>	<b>830</b>	5 U	3 U
09/13/01	<b>4,000</b>	250 U	250 U	<b>2,900</b>	<b>1,000</b>	<b>0.70 J</b>	3 U
09/13/01 (Dup)	<b>4,100</b>	250 U	250 U	<b>2,800</b>	<b>1,100</b>	<b>0.83 J</b>	3 U
12/13/01	<b>2,300</b>	200 U	200 U	<b>2,500</b>	<b>590</b>	5 U	3 U
12/31/01 (Dup)	<b>2,200</b>	200 U	200 U	<b>2,400</b>	<b>560</b>	5 U	3 U
03/14/02	<b>560</b>	250 U	250 U	<b>730</b>	<b>98</b>	5 U	3 U
03/14/02 (Dup)	<b>570</b>	250 U	250 U	<b>710</b>	<b>100</b>	5 U	3 U
07/10/02	<b>1,200</b>	NA	NA	<b>2,000</b>	<b>190</b>	NA	NA
12/31/02	<b>480</b>	NA	50 U	<b>530</b>	<b>66</b>	<b>0.34 J</b>	<b>4.9</b>
12/31/02 (Dup)	<b>510</b>	NA	50 U	<b>580</b>	<b>77</b>	5 U	<b>4.7</b>
03/29/03	<b>1,000</b>	80 U	80 U	<b>740</b>	<b>150</b>	5 U	3 U
06/17/03	<b>1,100</b>	200 U	200 U	<b>2,400</b>	<b>130 J</b>	<b>0.34 J</b>	<b>4.9</b>
06/17/03 (Dup)	<b>1,100</b>	100 U	100 U	<b>1,700</b>	<b>110</b>	5 U	3 U
09/26/03	<b>2,800</b>	100 U	100 U	<b>8,100</b>	<b>310 J</b>	5 U	3 U
12/22/03	<b>1,000</b>	100 U	100 U	<b>1,300</b>	<b>97 J</b>	5 U	<b>1.1 J</b>
03/29/04	<b>460</b>	10 U	10 U	<b>570</b>	<b>20 J</b>	5 U	3 U
06/30/04	<b>620</b>	200 U	200 U	<b>1,900</b>	200 U	5 U	3 U
09/13/04	<b>2,100</b>	200 U	200 U	<b>2,900</b>	<b>130 J</b>	5 U	<b>1.8 J</b>
12/17/04	<b>640</b>	10 U	10 U	<b>420</b>	<b>45</b>	5 U	3 U
12/17/04 (Dup)	<b>760</b>	50 U	50 U	<b>790</b>	<b>50 J</b>	5 U	<b>2.3 J</b>
03/31/05	<b>570</b>	50 U	50 U	<b>680</b>	<b>49 J</b>	5 U	3 U
06/22/05	<b>540</b>	10 U	10 U	<b>810</b>	<b>100</b>	5 U	3 U
06/22/05 (Dup)	<b>1,100</b>	100 U	100 U	<b>880</b>	<b>140</b>	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
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
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 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
09/09/11	<b>330</b>	10 U	10 U	<b>410</b>	<b>32</b>	5 U	3 U
12/16/11	<b>230</b>	13 U	13 U	<b>280</b>	<b>19</b>	5 U	3 U
03/13/12	<b>230</b>	5 U	5 U	<b>260</b>	<b>13</b>	<b>0.19 J</b>	3 U
06/19/12	<b>210</b>	25 U	25 U	<b>200</b>	<b>11 J</b>	5 U	<b>1.4 J</b>
09/27/12	<b>540</b>	25 U	25 U	<b>430</b>	<b>45</b>	<b>0.13 J</b>	<b>3.0</b>
12/19/12	<b>430</b>	5 U	5 U	<b>530</b>	<b>19</b>	5 U	<b>3.1</b>
03/18/13	<b>200</b>	5 U	5 U	<b>220</b>	<b>15</b>	<b>0.13 J</b>	3 U
06/20/13	<b>180</b>	5 U	5 U	<b>220</b>	<b>9.6</b>	5 U	<b>1.4 J</b>

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**  
**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
<b>Remedial Action Objective</b>		5	5	5	5	2	5	25
MW-2	05/04/00	5 U	5 U	5 U	5 U	<b>1.6 J</b>	<b>1.3</b>	<b>3.0 J</b>
	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	<b>2.0 J</b>
	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	<b>4.1</b>
	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	<b>2.4 J</b>
	12/12/06	10 U	10 U	10 U	10 U	10 U	5 U	<b>4.3</b>
	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	<b>5.6</b>
	12/11/08	10 U	10 U	10 U	10 U	10 U	5 U	<b>3.2</b>
	06/22/09	10 U	10 U	10 U	10 U	10 U	5 U	<b>1.7 J</b>
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	<b>1.5 J</b>
	06/14/10	10 U	10 U	10 U	10 U	10 U	5 U	<b>4.7</b>
	12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	<b>3.2</b>
	06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	<b>2.0 J</b>
	12/16/11	5 U	5 U	5 U	5 U	5 U	<b>0.22 J</b>	<b>6.3</b>
	06/19/12	5 U	5 U	5 U	5 U	5 U	5 U	<b>14</b>
	12/19/12	5 U	5 U	5 U	5 U	5 U	5 U	3 U
	06/20/13	5 U	5 U	5 U	5 U	5 U	5 U	3 U



**Table 2**  
**Summary of Groundwater Monitoring Data**  
**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
<b>Remedial Action Objective</b>		5	5	5	5	2	5	25
MW-5	05/11/00	5 U	5 U	5 U	<b>5.0</b>	5 U	1 U	<b>18</b>
	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	<b>7.1 J</b>	10 U	<b>1.1</b>	<b>14</b>
	06/21/01	10 U	10 U	10 U	<b>4.1 J</b>	10 U	5 U	3 U
	09/13/01	10 U	10 U	10 U	<b>1.5 J</b>	10 U	<b>1.2</b>	<b>15</b>
	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	<b>0.29 J</b>	3 U
	12/31/02	10 U	NA	10 U	10 U	10 U	<b>0.57 J</b>	<b>5.0</b>
	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	<b>6.1</b>
	06/30/04	10 U	10 U	10 U	10 U	10 U	<b>1.0 J</b>	<b>45</b>
	12/17/04	10 U	10 U	10 U	10 U	10 U	<b>0.43 J</b>	<b>17</b>
	06/22/05	10 U	10 U	10 U	<b>1.1 J</b>	10 U	<b>0.23 J</b>	<b>35</b>
	12/14/05	10 U	10 U	10 U	10 U	10 U	5 U	<b>9.4</b>
	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	<b>1.8 J</b>
	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	<b>0.9 J</b>	5 U	5 U	3 U	
12/16/11	5 U	5 U	5 U	5 U	5 U	5 U	3 U	
06/19/12	5 U	5 U	5 U	5 U	5 U	5 U	3 U	
12/19/12	5 U	5 U	5 U	5 U	5 U	5 U	3 U	
06/20/13	5 U	5 U	5 U	5 U	5 U	5 U	3 U	

**Table 2**  
**Summary of Groundwater Monitoring Data**  
**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
<b>Remedial Action Objective</b>		5	5	5	5	2	5	25
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
	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
	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	37
	12/15/05	10 U	10 U	10 U	10 U	10 U	5 U	12
	06/13/06	10 U	10 U	10 U	10 U	10 U	5 U	37
	12/12/06	10 U	10 U	10 U	10 U	10 U	5 U	43
	06/26/07	10 U	10 U	10 U	10 U	10 U	5 U	59
	12/19/07	10 U	10 U	10 U	10 U	10 U	0.72 J	65
	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
	06/14/10	10 U	10 U	10 U	10 U	10 U	1.1 J	68
	12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	17
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	
12/16/11	5 U	5 U	5 U	5 U	5 U	0.13 J	6.4	
12/16/11 (dup)	5 U	5 U	5 U	5 U	5 U	5 U	6.0	
06/19/12	5 U	5 U	5 U	5 U	5 U	5 U	6.0	
12/19/12	5 U	5 U	5 U	5 U	5 U	5 U	7.0	
06/20/13	5 U	5 U	5 U	5 U	5 U	0.24 J	6.5	

**Table 2**  
**Summary of Groundwater Monitoring Data**  
**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
<b>Remedial Action Objective</b>		5	5	5	5	2	5	25
MW-30	05/04/00	5 U	5 U	5 U	5 U	5 U	<b>3.0</b>	<b>12</b>
	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	<b>0.60 J</b>	<b>2.7 J</b>
	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	<b>0.59 J</b>	<b>3.7</b>
	12/31/02	10 U	10 U	10 U	10 U	10 U	<b>1.6 J</b>	<b>9.4</b>
	06/18/03	10 U	10 U	10 U	10 U	10 U	<b>0.47 J</b>	<b>4.3</b>
	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
	01/05/05	10 U	10 U	10 U	10 U	10 U	5 U	<b>2.8 J</b>
	06/22/05	10 U	10 U	10 U	10 U	10 U	<b>2.4 J</b>	<b>28</b>
	12/14/05	10 U	10 U	10 U	10 U	10 U	<b>0.90 J</b>	<b>5.9</b>
	06/13/06	10 U	10 U	10 U	10 U	10 U	<b>1.9 J</b>	<b>15</b>
	12/12/06	10 U	10 U	10 U	10 U	10 U	<b>0.91 J</b>	<b>12</b>
	06/26/07	10 U	10 U	10 U	10 U	10 U	<b>1.7 J</b>	<b>18</b>
	12/19/07	10 U	10 U	10 U	10 U	10 U	<b>0.65 J</b>	<b>15</b>
	06/26/08	10 U	10 U	10 U	10 U	10 U	<b>1.4 J</b>	<b>15</b>
	12/11/08	10 U	10 U	<b>1.1 J</b>	10 U	10 U	<b>0.55 J</b>	<b>12</b>
	06/22/09	10 U	10 U	10 U	10 U	10 U	<b>2.6 J</b>	<b>30</b>
	09/10/09	10 U	10 U	10 U	10 U	10 U	<b>0.63 J</b>	<b>10</b>
	12/07/09	10 U	10 U	10 U	10 U	10 U	<b>1.4 J</b>	<b>14</b>
06/14/10	10 U	10 U	10 U	10 U	10 U	<b>3.0 J</b>	<b>37</b>	
12/21/10	10 U	10 U	10 U	10 U	10 U	<b>1.3 J</b>	<b>13</b>	
06/14/11	5 U	5 U	5 U	5 U	5 U	<b>2.0 J</b>	<b>21</b>	
12/16/11	5 U	5 U	5 U	5 U	5 U	<b>1.7 J</b>	<b>14</b>	
06/19/12	5 U	5 U	5 U	5 U	5 U	<b>1.6 J</b>	<b>16</b>	
12/19/12	5 U	5 U	5 U	5 U	5 U	<b>18</b>	<b>78</b>	
06/20/13	5 U	5 U	5 U	5 U	5 U	<b>0.40 J</b>	<b>3 U</b>	

**Table 2**  
**Summary of Groundwater Monitoring Data**  
**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
<b>Remedial Action Objective</b>		5	5	5	5	2	5	25
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	<b>0.27 J</b>	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	<b>0.55 J</b>	<b>3.4</b>
	12/31/02	10 U	NA	10 U	10 U	10 U	5 U	<b>2.9 J</b>
	06/17/03	10 U	10 U	10 U	10 U	10 U	5 U	<b>8.1</b>
	12/22/03	10 U	10 U	10 U	10 U	10 U	5 U	<b>13</b>
	06/30/04	10 U	10 U	10 U	10 U	10 U	<b>0.38 J</b>	<b>11</b>
	12/17/04	10 U	10 U	10 U	10 U	10 U	5 U	<b>2.0 J</b>
	06/22/05	10 U	10 U	10 U	10 U	10 U	<b>1.1 J</b>	<b>38.2</b>
	12/15/05	10 U	10 U	10 U	10 U	10 U	<b>0.58 J</b>	<b>3.9</b>
	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	<b>2.4 J</b>
	06/26/07	10 U	10 U	10 U	10 U	10 U	<b>1.1 J</b>	<b>23.1</b>
	12/19/07	10 U	10 U	10 U	10 U	10 U	<b>6.2</b>	<b>116</b>
	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	<b>2.3 J</b>
	06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	3 U
12/16/11	5 U	5 U	5 U	5 U	5 U	5 U	3 U	
06/19/12	5 U	5 U	5 U	5 U	5 U	5 U	15 U	
12/19/12	5 U	5 U	5 U	5 U	5 U	<b>0.13 J</b>	3 U	
06/20/13	5 U	5 U	5 U	5 U	5 U	<b>0.17 J</b>	3 U	

**Table 2**  
**Summary of Groundwater Monitoring Data**  
**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
<b>Remedial Action Objective</b>		5	5	5	5	2	5	25
MW-33	05/11/00	NA	5 U	<b>1.3 J</b>	5 U	5 U	<b>1.3</b>	3 U
	12/01/00	NA	5 U	<b>35</b>	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	<b>1.2 J</b>	<b>15</b>
	06/15/04	10 U	10 U	10 U	10 U	10 U	5 U	<b>7.4</b>
	12/17/04	10 U	10 U	10 U	10 U	10 U	5 U	<b>2.5 J</b>
	06/22/05	10 U	10 U	10 U	10 U	10 U	5 U	<b>1.9 J</b>
	12/14/05	<b>23</b>	10 U	10 U	<b>16</b>	<b>1.5 J</b>	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	<b>2.7 J</b>
	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	<b>2.6 J</b>
	06/26/08	10 U	10 U	10 U	10 U	10 U	5 U	<b>2.3 J</b>
	12/11/08	10 U	10 U	10 U	10 U	10 U	5 U	<b>3.2</b>
	06/22/09	10 U	10 U	10 U	10 U	10 U	5 U	<b>4.5</b>
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	<b>2.3 J</b>
	06/14/10	10 U	10 U	10 U	10 U	10 U	5 U	<b>3.2</b>
12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	<b>3.9</b>	
06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	<b>5.5</b>	
12/16/11	5 U	5 U	5 U	5 U	5 U	5 U	<b>3.1</b>	
06/19/12	5 U	5 U	5 U	5 U	5 U	5 U	<b>2.4</b>	
12/19/12	5 U	5 U	5 U	5 U	5 U	5 U	<b>2.1 J</b>	
06/20/13	5 U	5 U	5 U	5 U	5 U	5 U	3 U	

**Table 2**  
**Summary of Groundwater Monitoring Data**  
**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
<b>Remedial Action Objective</b>		5	5	5	5	2	5	25
MW-34	05/06/00	5 U	5 U	10 U	5 U	5 U	<b>1.2</b>	<b>3.8 J</b>
	11/30/00	5 U	5 U	35 U	5 U	5 U	<b>2.1</b>	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	<b>2.8 J</b>
	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	<b>2.3 J</b>
	06/15/04	10 U	10 U	10 U	10 U	10 U	<b>0.29 J</b>	<b>4.1</b>
	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	<b>5.4</b>
	12/14/05	10 U	10 U	10 U	10 U	10 U	<b>0.41 J</b>	<b>6.5</b>
	06/13/06	10 U	10 U	10 U	10 U	10 U	5 U	<b>2.7 J</b>
	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	<b>4.3</b>
	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	<b>3.2</b>
	06/22/09	10 U	10 U	10 U	10 U	10 U	5 U	<b>1.9 J</b>
	09/10/09	10 U	10 U	10 U	10 U	10 U	5 U	<b>3.1</b>
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	<b>1.4 J</b>
06/14/10	10 U	10 U	10 U	10 U	10 U	5 U	<b>3.2</b>	
12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	<b>0.96 J</b>	
06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	3 U	
12/16/11	5 U	5 U	5 U	5 U	5 U	<b>0.20 J</b>	3 U	
06/19/12	5 U	5 U	5 U	5 U	5 U	5 U	3 U	
12/19/12	5 U	5 U	5 U	5 U	5 U	5 U	<b>7.1</b>	
06/20/13	5 U	5 U	5 U	5 U	5 U	5 U	3 U	

**Table 2**  
**Summary of Groundwater Monitoring Data**  
**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
<b>Remedial Action Objective</b>		5	5	5	5	2	5	25
MW-34D	05/06/00	5 U	5 U	5 U	5 U	5 U	<b>1.2</b>	<b>3.1 J</b>
	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	<b>2.2 J</b>	10 U	<b>1.1 J</b>	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	<b>2.3 J</b>
	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	<b>13</b>
	06/15/04	10 U	10 U	10 U	10 U	10 U	5 U	<b>3.9</b>
	01/05/05	10 U	10 U	10 U	10 U	10 U	5 U	<b>1.7 J</b>
	06/22/05	10 U	10 U	10 U	10 U	10 U	5 U	<b>9.8</b>
	12/14/05	10 U	10 U	10 U	10 U	10 U	5 U	<b>2.6 J</b>
	06/13/06	10 U	10 U	10 U	10 U	10 U	<b>1.7 J</b>	3 U
	12/12/06	10 U	10 U	10 U	10 U	10 U	5 U	<b>7.0</b>
	06/26/07	10 U	10 U	10 U	10 U	10 U	<b>0.47 J</b>	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	<b>0.31 J</b>	<b>2.4 J</b>
	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	<b>0.23 J</b>	<b>2.4 J</b>
	06/22/09	10 U	10 U	10 U	10 U	10 U	<b>0.37 J</b>	3 U
	09/10/09	10 U	10 U	10 U	10 U	10 U	<b>0.16 J</b>	3 U
	12/07/09	10 U	10 U	10 U	10 U	10 U	<b>0.38 J</b>	3 U
	06/14/10	10 U	10 U	10 U	10 U	10 U	<b>0.53 J</b>	3 U
	12/21/10	10 U	10 U	10 U	10 U	10 U	<b>0.57 J</b>	<b>1.3 J</b>
06/14/11	5 U	5 U	5 U	5 U	5 U	<b>0.26 J</b>	3 U	
12/16/11	5 U	5 U	5 U	5 U	5 U	<b>0.70 J</b>	<b>1.8 J</b>	
06/19/12	5 U	5 U	5 U	5 U	5 U	<b>0.59 J</b>	<b>2.0 J</b>	
12/19/12	5 U	5 U	5 U	5 U	5 U	<b>0.60 J</b>	3 U	
06/20/13	5 U	5 U	5 U	5 U	5 U	<b>0.28 J</b>	3 U	

**Table 2**  
**Summary of Groundwater Monitoring Data**  
**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
<b>Remedial Action Objective</b>		5	5	5	5	2	5	25
MW-35	09/10/09	10 U	10 U	10 U	10 U	10 U	5 U	<b>2.1 J</b>
	12/07/09	10 U	10 U	10 U	10 U	10 U	5 U	<b>2.0 J</b>
	06/14/10	10 U	10 U	10 U	10 U	10 U	5 U	<b>8.2</b>
	12/21/10	10 U	10 U	10 U	10 U	10 U	5 U	<b>14</b>
	06/14/11	5 U	5 U	5 U	5 U	5 U	5 U	<b>4.6</b>
	12/16/11	5 U	5 U	5 U	5 U	5 U	5 U	<b>1.4 J</b>
	06/19/12	5 U	5 U	5 U	5 U	5 U	5 U	<b>9.1</b>
	12/19/12	5 U	5 U	5 U	5 U	5 U	5 U	<b>3.9</b>
	12/19/12 (dup)	5 U	5 U	5 U	5 U	5 U	5 U	<b>3.3</b>
06/20/13	5 U	5 U	5 U	5 U	5 U	<b>0.24 J</b>	3 U	

Data Legend:

"NA" - indicates not analyzed

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

Concentrations above Remedial Action Objectives are highlighted in yellow.

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.



**Table 3**  
**Groundwater Level Measurements, June 20, 2013**  
**NYSDEC Site No. 9-15-066, Cheektowaga, New York**

Monitoring Well or Manhole Designation	MP Elevation (ft-msl)	Depth to Water (feet)	Groundwater Elevation (ft-msl)
MW-2	691.59	7.29	684.30
MW-5	685.75	2.67	683.08
MW-28	688.07	5.88	682.19
MW-30	694.65	10.35	684.30
MW-31	688.25	5.16	683.09
MW-32	NA	1.41	NA
MW-33	NA	5.03	NA
MW-34	702.81	3.73	699.08
MW-34D	701.64	5.28	696.36
MW-35	NA	12.53	NA
CSMH-1	701.34	0.35	700.99
CSMH-2	688.97	0.06	688.91
CSMH-3	688.49	3.96	684.53

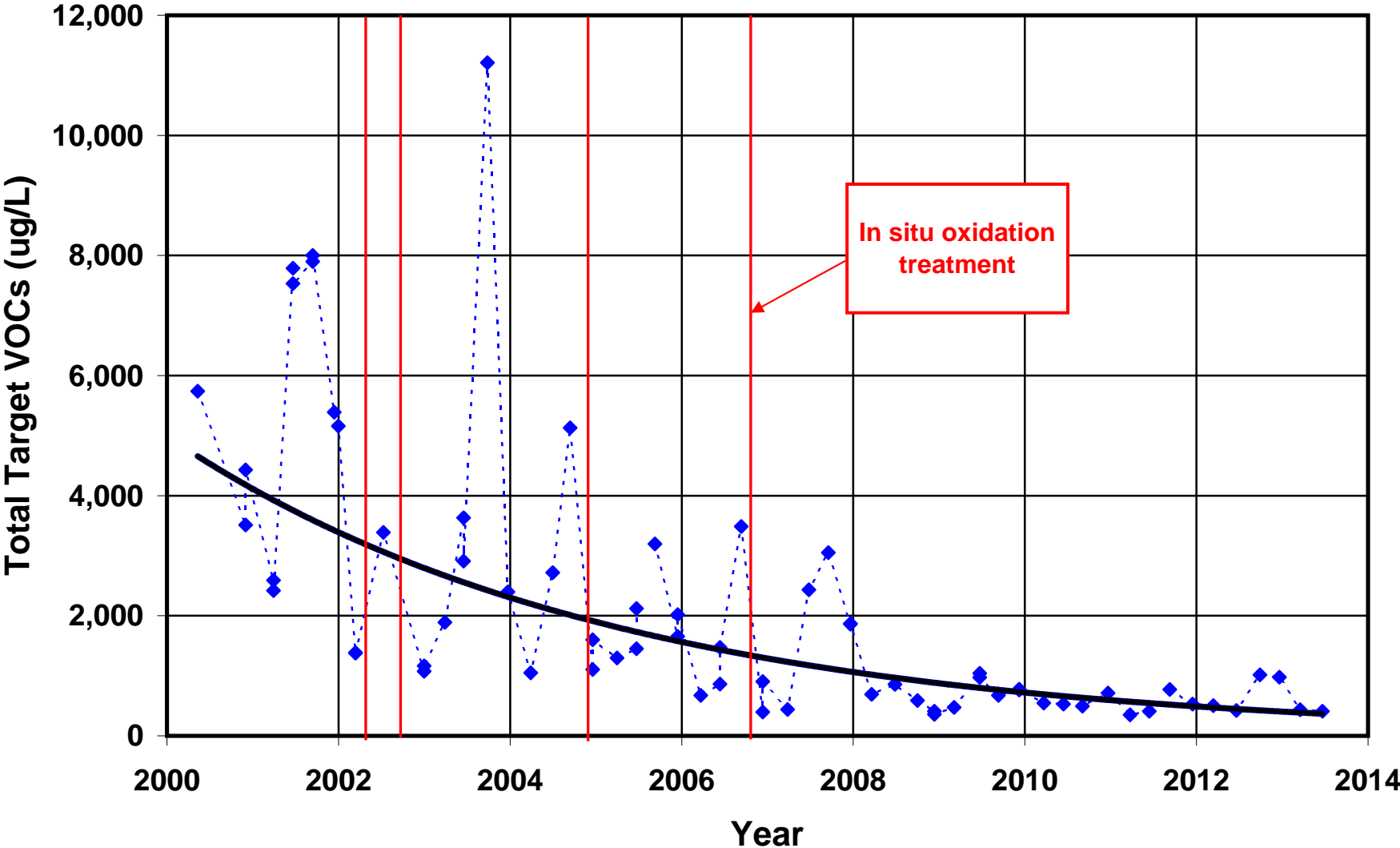
Notes:

"MP" - refers to defined (depth) measuring point at well or manhole.

"NA" - indicates not available.

**FIGURE**

Figure 1: Total Target VOCs at MW-32



**ATTACHMENT A**  
**ANALYTICAL LABORATORY REPORT**  
**JUNE 2013 SEMI-ANNUAL GROUNDWATER MONITORING**

**Well Sampling Key**  
**June 20, 2013**  
**NYSDEC Site No. 9-15-066, Cheektowaga, New York**

<b>Well No.</b>	<b>Sample No.</b>
MW-34D	WG-18036-062013 -001
MW-34	WG-18036-062013 -002
MW-35	WG-18036-062013 -003
MW-30	WG-18036-062013 -004
MW-2	WG-18036-062013 -005
MW-33	WG-18036-062013 -006
MW-28	WG-18036-062013 -007
MW-32	WG-18036-062013 -008
MW-5	WG-18036-062013 -009
MW-31	WG-18036-062013 -010
TRIP BLANK	WG-18036-062013 -011

# 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: 180-22450-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

7/9/2013 12:24:03 PM

Jill Colussy, Project Manager I

[jill.colussy@testamericainc.com](mailto:jill.colussy@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

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

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

1

2

3

4

5

6

7

8

9

10

11

12

13



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Case Narrative . . . . .	3
Definitions/Glossary . . . . .	4
Certification Summary . . . . .	5
Sample Summary . . . . .	6
Method Summary . . . . .	7
Lab Chronicle . . . . .	8
Client Sample Results . . . . .	11
QC Sample Results . . . . .	16
QC Association Summary . . . . .	20
Chain of Custody . . . . .	22
Receipt Checklists . . . . .	23

# Case Narrative

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

---

**Job ID: 180-22450-1**

---

**Laboratory: TestAmerica Pittsburgh**

---

**Narrative**

**Job Narrative**  
**180-22450-1**

**Receipt**

The samples were received on 6/21/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6° C.

**GC/MS VOA**

No analytical or quality issues were noted.

**Metals**

No analytical or quality issues were noted.





# Definitions/Glossary

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

## 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.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Certification Summary

Client: Leo Brausch Consulting  
 Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

## Laboratory: TestAmerica Pittsburgh

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-13 *
California	NELAP	9	4224CA	03-31-14
Connecticut	State Program	1	PH-0688	09-30-14
Florida	NELAP	4	E871008	06-30-14
Illinois	NELAP	5	002602	06-30-13 *
Kansas	NELAP	7	E-10350	01-31-14
L-A-B	DoD ELAP		L2314	07-24-13
Louisiana	NELAP	6	04041	06-30-13 *
New Hampshire	NELAP	1	203011	04-05-14
New Jersey	NELAP	2	PA005	06-30-14
New York	NELAP	2	11182	04-01-14
North Carolina DENR	State Program	4	434	12-31-13
Pennsylvania	NELAP	3	02-00416	04-30-14
South Carolina	State Program	4	89014	04-30-13 *
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P-Soil-01	04-16-15
USDA	Federal		P330-10-00139	05-23-16 *
Utah	NELAP	8	STLP	04-30-14
Virginia	NELAP	3	460189	09-14-13
West Virginia DEP	State Program	3	142	01-31-14
Wisconsin	State Program	5	998027800	08-31-13

\* Expired certification is currently pending renewal and is considered valid.



# Sample Summary

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-22450-1	WG-18036-062013-001	Water	06/20/13 09:50	06/21/13 09:00
180-22450-2	WG-18036-062013-002	Water	06/20/13 09:55	06/21/13 09:00
180-22450-3	WG-18036-062013-003	Water	06/20/13 11:20	06/21/13 09:00
180-22450-4	WG-18036-062013-004	Water	06/20/13 11:05	06/21/13 09:00
180-22450-5	WG-18036-062013-005	Water	06/20/13 12:25	06/21/13 09:00
180-22450-6	WG-18036-062013-006	Water	06/20/13 12:10	06/21/13 09:00
180-22450-7	WG-18036-062013-007	Water	06/20/13 13:25	06/21/13 09:00
180-22450-8	WG-18036-062013-008	Water	06/20/13 13:25	06/21/13 09:00
180-22450-9	WG-18036-062013-009	Water	06/20/13 14:25	06/21/13 09:00
180-22450-10	WG-18036-062013-010	Water	06/20/13 15:20	06/21/13 09:00
180-22450-11	TB-18036-062013	Water	06/20/13 00:00	06/21/13 09:00



# Method Summary

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

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



# Lab Chronicle

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

**Client Sample ID: WG-18036-062013-001**

**Lab Sample ID: 180-22450-1**

Date Collected: 06/20/13 09:50

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76445	07/02/13 18:23	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	75976	06/27/13 08:14	CH	TAL PIT
Total/NA	Analysis	6010B		1			76517	07/02/13 19:38	BR	TAL PIT
Instrument ID: T										

**Client Sample ID: WG-18036-062013-002**

**Lab Sample ID: 180-22450-2**

Date Collected: 06/20/13 09:55

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76445	07/02/13 18:49	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	75976	06/27/13 08:14	CH	TAL PIT
Total/NA	Analysis	6010B		1			76517	07/02/13 20:08	BR	TAL PIT
Instrument ID: T										

**Client Sample ID: WG-18036-062013-003**

**Lab Sample ID: 180-22450-3**

Date Collected: 06/20/13 11:20

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76445	07/02/13 19:15	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	75976	06/27/13 08:14	CH	TAL PIT
Total/NA	Analysis	6010B		1			76517	07/02/13 20:22	BR	TAL PIT
Instrument ID: T										

**Client Sample ID: WG-18036-062013-004**

**Lab Sample ID: 180-22450-4**

Date Collected: 06/20/13 11:05

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76445	07/02/13 19:41	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	75976	06/27/13 08:14	CH	TAL PIT
Total/NA	Analysis	6010B		1			76517	07/02/13 20:27	BR	TAL PIT
Instrument ID: T										

TestAmerica Pittsburgh

# Lab Chronicle

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

**Client Sample ID: WG-18036-062013-005**

**Lab Sample ID: 180-22450-5**

Date Collected: 06/20/13 12:25

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76445	07/02/13 20:07	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	75976	06/27/13 08:14	CH	TAL PIT
Total/NA	Analysis	6010B		1			76517	07/02/13 20:32	BR	TAL PIT
Instrument ID: T										

**Client Sample ID: WG-18036-062013-006**

**Lab Sample ID: 180-22450-6**

Date Collected: 06/20/13 12:10

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76445	07/02/13 20:33	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	75976	06/27/13 08:14	CH	TAL PIT
Total/NA	Analysis	6010B		1			76517	07/02/13 20:38	BR	TAL PIT
Instrument ID: T										

**Client Sample ID: WG-18036-062013-007**

**Lab Sample ID: 180-22450-7**

Date Collected: 06/20/13 13:25

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76445	07/02/13 20:59	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	75976	06/27/13 08:14	CH	TAL PIT
Total/NA	Analysis	6010B		1			76517	07/02/13 20:43	BR	TAL PIT
Instrument ID: T										

**Client Sample ID: WG-18036-062013-008**

**Lab Sample ID: 180-22450-8**

Date Collected: 06/20/13 13:25

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76537	07/03/13 11:01	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	75976	06/27/13 08:14	CH	TAL PIT
Total/NA	Analysis	6010B		1			76517	07/02/13 20:48	BR	TAL PIT
Instrument ID: T										

# Lab Chronicle

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

**Client Sample ID: WG-18036-062013-009**

**Lab Sample ID: 180-22450-9**

Date Collected: 06/20/13 14:25

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76445	07/02/13 21:25	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	75976	06/27/13 08:14	CH	TAL PIT
Total/NA	Analysis	6010B		1			76517	07/02/13 20:53	BR	TAL PIT
Instrument ID: T										

**Client Sample ID: WG-18036-062013-010**

**Lab Sample ID: 180-22450-10**

Date Collected: 06/20/13 15:20

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76445	07/02/13 21:51	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	75976	06/27/13 08:14	CH	TAL PIT
Total/NA	Analysis	6010B		1			76517	07/02/13 20:58	BR	TAL PIT
Instrument ID: T										

**Client Sample ID: TB-18036-062013**

**Lab Sample ID: 180-22450-11**

Date Collected: 06/20/13 00:00

Matrix: Water

Date Received: 06/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	76445	07/02/13 16:39	PJJ	TAL PIT
Instrument ID: HP4										

**Laboratory References:**

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

**Analyst References:**

Lab: TAL PIT

Batch Type: Prep

CH = Caitlyn Haluck

Batch Type: Analysis

BR = Bill Reinheimer

PJJ = Patrick Journet

# Client Sample Results

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

**Client Sample ID: WG-18036-062013-001**

**Lab Sample ID: 180-22450-1**

Date Collected: 06/20/13 09:50

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/02/13 18:23	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 18:23	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 18:23	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 18:23	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		62 - 123		07/02/13 18:23	1
Toluene-d8 (Surr)	112		80 - 120		07/02/13 18:23	1
4-Bromofluorobenzene (Surr)	96		75 - 120		07/02/13 18:23	1
Dibromofluoromethane (Surr)	101		80 - 120		07/02/13 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.28	J	5.0	0.13	ug/L		06/27/13 08:14	07/02/13 19:38	1
Lead	3.0	U	3.0	1.3	ug/L		06/27/13 08:14	07/02/13 19:38	1

**Client Sample ID: WG-18036-062013-002**

**Lab Sample ID: 180-22450-2**

Date Collected: 06/20/13 09:55

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/02/13 18:49	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 18:49	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 18:49	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 18:49	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		62 - 123		07/02/13 18:49	1
Toluene-d8 (Surr)	98		80 - 120		07/02/13 18:49	1
4-Bromofluorobenzene (Surr)	90		75 - 120		07/02/13 18:49	1
Dibromofluoromethane (Surr)	99		80 - 120		07/02/13 18:49	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		06/27/13 08:14	07/02/13 20:08	1
Lead	3.0	U	3.0	1.3	ug/L		06/27/13 08:14	07/02/13 20:08	1

**Client Sample ID: WG-18036-062013-003**

**Lab Sample ID: 180-22450-3**

Date Collected: 06/20/13 11:20

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/02/13 19:15	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 19:15	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 19:15	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 19:15	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 19:15	1

TestAmerica Pittsburgh



# Client Sample Results

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

**Client Sample ID: WG-18036-062013-003**

**Lab Sample ID: 180-22450-3**

Date Collected: 06/20/13 11:20

Matrix: Water

Date Received: 06/21/13 09:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		62 - 123		07/02/13 19:15	1
Toluene-d8 (Surr)	114		80 - 120		07/02/13 19:15	1
4-Bromofluorobenzene (Surr)	101		75 - 120		07/02/13 19:15	1
Dibromofluoromethane (Surr)	103		80 - 120		07/02/13 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.24	J	5.0	0.13	ug/L		06/27/13 08:14	07/02/13 20:22	1
Lead	3.0	U	3.0	1.3	ug/L		06/27/13 08:14	07/02/13 20:22	1

**Client Sample ID: WG-18036-062013-004**

**Lab Sample ID: 180-22450-4**

Date Collected: 06/20/13 11:05

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/02/13 19:41	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 19:41	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 19:41	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 19:41	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		62 - 123		07/02/13 19:41	1
Toluene-d8 (Surr)	109		80 - 120		07/02/13 19:41	1
4-Bromofluorobenzene (Surr)	91		75 - 120		07/02/13 19:41	1
Dibromofluoromethane (Surr)	97		80 - 120		07/02/13 19:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.40	J	5.0	0.13	ug/L		06/27/13 08:14	07/02/13 20:27	1
Lead	3.0	U	3.0	1.3	ug/L		06/27/13 08:14	07/02/13 20:27	1

**Client Sample ID: WG-18036-062013-005**

**Lab Sample ID: 180-22450-5**

Date Collected: 06/20/13 12:25

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/02/13 20:07	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 20:07	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 20:07	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 20:07	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 123		07/02/13 20:07	1
Toluene-d8 (Surr)	101		80 - 120		07/02/13 20:07	1
4-Bromofluorobenzene (Surr)	86		75 - 120		07/02/13 20:07	1
Dibromofluoromethane (Surr)	91		80 - 120		07/02/13 20:07	1

TestAmerica Pittsburgh

# Client Sample Results

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

**Client Sample ID: WG-18036-062013-005**

**Lab Sample ID: 180-22450-5**

Date Collected: 06/20/13 12:25

Matrix: Water

Date Received: 06/21/13 09:00

**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		06/27/13 08:14	07/02/13 20:32	1
Lead	3.0	U	3.0	1.3	ug/L		06/27/13 08:14	07/02/13 20:32	1

**Client Sample ID: WG-18036-062013-006**

**Lab Sample ID: 180-22450-6**

Date Collected: 06/20/13 12:10

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/02/13 20:33	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 20:33	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 20:33	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 20:33	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		62 - 123		07/02/13 20:33	1
Toluene-d8 (Surr)	119		80 - 120		07/02/13 20:33	1
4-Bromofluorobenzene (Surr)	97		75 - 120		07/02/13 20:33	1
Dibromofluoromethane (Surr)	112		80 - 120		07/02/13 20:33	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		06/27/13 08:14	07/02/13 20:38	1
Lead	3.0	U	3.0	1.3	ug/L		06/27/13 08:14	07/02/13 20:38	1

**Client Sample ID: WG-18036-062013-007**

**Lab Sample ID: 180-22450-7**

Date Collected: 06/20/13 13:25

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/02/13 20:59	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 20:59	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 20:59	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 20:59	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		62 - 123		07/02/13 20:59	1
Toluene-d8 (Surr)	102		80 - 120		07/02/13 20:59	1
4-Bromofluorobenzene (Surr)	91		75 - 120		07/02/13 20:59	1
Dibromofluoromethane (Surr)	100		80 - 120		07/02/13 20:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.24	J	5.0	0.13	ug/L		06/27/13 08:14	07/02/13 20:43	1
Lead	6.5		3.0	1.3	ug/L		06/27/13 08:14	07/02/13 20:43	1

TestAmerica Pittsburgh

# Client Sample Results

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

**Client Sample ID: WG-18036-062013-008**

**Lab Sample ID: 180-22450-8**

Date Collected: 06/20/13 13:25

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/03/13 11:01	1
Vinyl chloride	9.6		5.0	1.3	ug/L			07/03/13 11:01	1
cis-1,2-Dichloroethene	180		5.0	0.67	ug/L			07/03/13 11:01	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/03/13 11:01	1
Trichloroethene	220		5.0	0.80	ug/L			07/03/13 11:01	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	96		62 - 123					07/03/13 11:01	1
Toluene-d8 (Surr)	100		80 - 120					07/03/13 11:01	1
4-Bromofluorobenzene (Surr)	81		75 - 120					07/03/13 11:01	1
Dibromofluoromethane (Surr)	96		80 - 120					07/03/13 11:01	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		06/27/13 08:14	07/02/13 20:48	1
Lead	1.4	J	3.0	1.3	ug/L		06/27/13 08:14	07/02/13 20:48	1

**Client Sample ID: WG-18036-062013-009**

**Lab Sample ID: 180-22450-9**

Date Collected: 06/20/13 14:25

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/02/13 21:25	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 21:25	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 21:25	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 21:25	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 21:25	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	123		62 - 123					07/02/13 21:25	1
Toluene-d8 (Surr)	114		80 - 120					07/02/13 21:25	1
4-Bromofluorobenzene (Surr)	100		75 - 120					07/02/13 21:25	1
Dibromofluoromethane (Surr)	112		80 - 120					07/02/13 21:25	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		06/27/13 08:14	07/02/13 20:53	1
Lead	3.0	U	3.0	1.3	ug/L		06/27/13 08:14	07/02/13 20:53	1

**Client Sample ID: WG-18036-062013-010**

**Lab Sample ID: 180-22450-10**

Date Collected: 06/20/13 15:20

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/02/13 21:51	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 21:51	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 21:51	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 21:51	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 21:51	1

TestAmerica Pittsburgh

# Client Sample Results

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

**Client Sample ID: WG-18036-062013-010**

**Lab Sample ID: 180-22450-10**

Date Collected: 06/20/13 15:20

Matrix: Water

Date Received: 06/21/13 09:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123		62 - 123		07/02/13 21:51	1
Toluene-d8 (Surr)	118		80 - 120		07/02/13 21:51	1
4-Bromofluorobenzene (Surr)	103		75 - 120		07/02/13 21:51	1
Dibromofluoromethane (Surr)	110		80 - 120		07/02/13 21:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.17	J	5.0	0.13	ug/L		06/27/13 08:14	07/02/13 20:58	1
Lead	3.0	U	3.0	1.3	ug/L		06/27/13 08:14	07/02/13 20:58	1

**Client Sample ID: TB-18036-062013**

**Lab Sample ID: 180-22450-11**

Date Collected: 06/20/13 00:00

Matrix: Water

Date Received: 06/21/13 09:00

**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			07/02/13 16:39	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 16:39	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 16:39	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 16:39	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		62 - 123		07/02/13 16:39	1
Toluene-d8 (Surr)	120		80 - 120		07/02/13 16:39	1
4-Bromofluorobenzene (Surr)	112		75 - 120		07/02/13 16:39	1
Dibromofluoromethane (Surr)	110		80 - 120		07/02/13 16:39	1

# QC Sample Results

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

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

**Lab Sample ID: MB 180-76445/4**

**Matrix: Water**

**Analysis Batch: 76445**

**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			07/02/13 11:41	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/02/13 11:41	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/02/13 11:41	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/02/13 11:41	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/02/13 11:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		62 - 123		07/02/13 11:41	1
Toluene-d8 (Surr)	105		80 - 120		07/02/13 11:41	1
4-Bromofluorobenzene (Surr)	88		75 - 120		07/02/13 11:41	1
Dibromofluoromethane (Surr)	98		80 - 120		07/02/13 11:41	1

**Lab Sample ID: LCS 180-76445/11**

**Matrix: Water**

**Analysis Batch: 76445**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	40.0	41.2		ug/L		103	80 - 124
Vinyl chloride	40.0	39.4		ug/L		98	57 - 128
cis-1,2-Dichloroethene	40.0	38.3		ug/L		96	82 - 116
1,1,1-Trichloroethane	40.0	37.5		ug/L		94	69 - 134
Trichloroethene	40.0	37.8		ug/L		94	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		62 - 123
Toluene-d8 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	102		75 - 120
Dibromofluoromethane (Surr)	96		80 - 120

**Lab Sample ID: 180-22644-D-2 MS**

**Matrix: Water**

**Analysis Batch: 76445**

**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	41.0		ug/L		103	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	41.1		ug/L		103	82 - 116
1,1,1-Trichloroethane	5.0	U	40.0	41.7		ug/L		104	69 - 134
Trichloroethene	5.0	U	40.0	39.2		ug/L		98	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		62 - 123
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	103		75 - 120
Dibromofluoromethane (Surr)	100		80 - 120

TestAmerica Pittsburgh

# QC Sample Results

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

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

**Lab Sample ID: 180-22644-D-2 MSD**

**Matrix: Water**

**Analysis Batch: 76445**

**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	41.3		ug/L		103	80 - 124	1	20
Vinyl chloride	5.0	U	40.0	38.8		ug/L		97	57 - 128	1	26
cis-1,2-Dichloroethene	5.0	U	40.0	40.5		ug/L		101	82 - 116	1	20
1,1,1-Trichloroethane	5.0	U	40.0	41.0		ug/L		102	69 - 134	2	24
Trichloroethene	5.0	U	40.0	39.3		ug/L		98	80 - 120	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		62 - 123
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	103		75 - 120
Dibromofluoromethane (Surr)	100		80 - 120

**Lab Sample ID: MB 180-76537/4**

**Matrix: Water**

**Analysis Batch: 76537**

**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			07/03/13 10:34	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			07/03/13 10:34	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			07/03/13 10:34	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			07/03/13 10:34	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			07/03/13 10:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		62 - 123		07/03/13 10:34	1
Toluene-d8 (Surr)	105		80 - 120		07/03/13 10:34	1
4-Bromofluorobenzene (Surr)	81		75 - 120		07/03/13 10:34	1
Dibromofluoromethane (Surr)	97		80 - 120		07/03/13 10:34	1

**Lab Sample ID: LCS 180-76537/10**

**Matrix: Water**

**Analysis Batch: 76537**

**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	42.4		ug/L		106	80 - 124
Vinyl chloride	40.0	40.4		ug/L		101	57 - 128
cis-1,2-Dichloroethene	40.0	39.6		ug/L		99	82 - 116
1,1,1-Trichloroethane	40.0	40.3		ug/L		101	69 - 134
Trichloroethene	40.0	38.0		ug/L		95	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		62 - 123
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	106		75 - 120
Dibromofluoromethane (Surr)	95		80 - 120

TestAmerica Pittsburgh

# QC Sample Results

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

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

**Lab Sample ID: 180-22478-C-2 MS**

**Matrix: Water**

**Analysis Batch: 76537**

**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	42.3		ug/L		106	80 - 124
Vinyl chloride	5.0	U	40.0	42.1		ug/L		105	57 - 128
cis-1,2-Dichloroethene	4.5	J	40.0	46.8		ug/L		106	82 - 116
1,1,1-Trichloroethane	5.0	U	40.0	40.9		ug/L		102	69 - 134
Trichloroethene	8.2		40.0	51.6		ug/L		109	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		62 - 123
Toluene-d8 (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	109		75 - 120
Dibromofluoromethane (Surr)	97		80 - 120

**Lab Sample ID: 180-22478-C-2 MSD**

**Matrix: Water**

**Analysis Batch: 76537**

**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	43.6		ug/L		109	80 - 124	3	20
Vinyl chloride	5.0	U	40.0	44.7		ug/L		112	57 - 128	6	26
cis-1,2-Dichloroethene	4.5	J	40.0	50.8		ug/L		116	82 - 116	8	20
1,1,1-Trichloroethane	5.0	U	40.0	44.1		ug/L		110	69 - 134	7	24
Trichloroethene	8.2		40.0	54.8		ug/L		117	80 - 120	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		62 - 123
Toluene-d8 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	111		75 - 120
Dibromofluoromethane (Surr)	102		80 - 120

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 180-75976/1-A**

**Matrix: Water**

**Analysis Batch: 76517**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 75976**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		06/27/13 08:14	07/02/13 19:28	1
Lead	3.0	U	3.0	1.3	ug/L		06/27/13 08:14	07/02/13 19:28	1

**Lab Sample ID: LCS 180-75976/2-A**

**Matrix: Water**

**Analysis Batch: 76517**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 75976**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	48.8		ug/L		98	80 - 120
Lead	500	495		ug/L		99	80 - 120

TestAmerica Pittsburgh

# QC Sample Results

Client: Leo Brausch Consulting  
 Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

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

**Lab Sample ID: 180-22450-1 MS**

**Matrix: Water**

**Analysis Batch: 76517**

**Client Sample ID: WG-18036-062013-001**

**Prep Type: Total/NA**

**Prep Batch: 75976**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	Limits
Cadmium	0.28	J	50.0	48.5		ug/L		97	75 - 125	
Lead	3.0	U	500	494		ug/L		99	75 - 125	

**Lab Sample ID: 180-22450-1 MSD**

**Matrix: Water**

**Analysis Batch: 76517**

**Client Sample ID: WG-18036-062013-001**

**Prep Type: Total/NA**

**Prep Batch: 75976**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	Limits	RPD	Limit
Cadmium	0.28	J	50.0	49.5		ug/L		99	75 - 125	2	20	
Lead	3.0	U	500	503		ug/L		101	75 - 125	2	20	



# QC Association Summary

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

## GC/MS VOA

### Analysis Batch: 76445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-22450-1	WG-18036-062013-001	Total/NA	Water	8260B	
180-22450-2	WG-18036-062013-002	Total/NA	Water	8260B	
180-22450-3	WG-18036-062013-003	Total/NA	Water	8260B	
180-22450-4	WG-18036-062013-004	Total/NA	Water	8260B	
180-22450-5	WG-18036-062013-005	Total/NA	Water	8260B	
180-22450-6	WG-18036-062013-006	Total/NA	Water	8260B	
180-22450-7	WG-18036-062013-007	Total/NA	Water	8260B	
180-22450-9	WG-18036-062013-009	Total/NA	Water	8260B	
180-22450-10	WG-18036-062013-010	Total/NA	Water	8260B	
180-22450-11	TB-18036-062013	Total/NA	Water	8260B	
180-22644-D-2 MS	Matrix Spike	Total/NA	Water	8260B	
180-22644-D-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 180-76445/11	Lab Control Sample	Total/NA	Water	8260B	
MB 180-76445/4	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 76537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-22450-8	WG-18036-062013-008	Total/NA	Water	8260B	
180-22478-C-2 MS	Matrix Spike	Total/NA	Water	8260B	
180-22478-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 180-76537/10	Lab Control Sample	Total/NA	Water	8260B	
MB 180-76537/4	Method Blank	Total/NA	Water	8260B	

## Metals

### Prep Batch: 75976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-22450-1	WG-18036-062013-001	Total/NA	Water	3010A	
180-22450-1 MS	WG-18036-062013-001	Total/NA	Water	3010A	
180-22450-1 MSD	WG-18036-062013-001	Total/NA	Water	3010A	
180-22450-2	WG-18036-062013-002	Total/NA	Water	3010A	
180-22450-3	WG-18036-062013-003	Total/NA	Water	3010A	
180-22450-4	WG-18036-062013-004	Total/NA	Water	3010A	
180-22450-5	WG-18036-062013-005	Total/NA	Water	3010A	
180-22450-6	WG-18036-062013-006	Total/NA	Water	3010A	
180-22450-7	WG-18036-062013-007	Total/NA	Water	3010A	
180-22450-8	WG-18036-062013-008	Total/NA	Water	3010A	
180-22450-9	WG-18036-062013-009	Total/NA	Water	3010A	
180-22450-10	WG-18036-062013-010	Total/NA	Water	3010A	
LCS 180-75976/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 180-75976/1-A	Method Blank	Total/NA	Water	3010A	

### Analysis Batch: 76517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-22450-1	WG-18036-062013-001	Total/NA	Water	6010B	75976
180-22450-1 MS	WG-18036-062013-001	Total/NA	Water	6010B	75976
180-22450-1 MSD	WG-18036-062013-001	Total/NA	Water	6010B	75976
180-22450-2	WG-18036-062013-002	Total/NA	Water	6010B	75976
180-22450-3	WG-18036-062013-003	Total/NA	Water	6010B	75976
180-22450-4	WG-18036-062013-004	Total/NA	Water	6010B	75976

TestAmerica Pittsburgh

# QC Association Summary

Client: Leo Brausch Consulting  
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-22450-1

## Metals (Continued)

### Analysis Batch: 76517 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-22450-5	WG-18036-062013-005	Total/NA	Water	6010B	75976
180-22450-6	WG-18036-062013-006	Total/NA	Water	6010B	75976
180-22450-7	WG-18036-062013-007	Total/NA	Water	6010B	75976
180-22450-8	WG-18036-062013-008	Total/NA	Water	6010B	75976
180-22450-9	WG-18036-062013-009	Total/NA	Water	6010B	75976
180-22450-10	WG-18036-062013-010	Total/NA	Water	6010B	75976
LCS 180-75976/2-A	Lab Control Sample	Total/NA	Water	6010B	75976
MB 180-75976/1-A	Method Blank	Total/NA	Water	6010B	75976





CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

Address: 2055 Niagara Falls Blvd, WF NY 14304

Phone: 716 297-6150

Fax:

COC NO.: 40907

PAGE 1 OF 1

(See Reverse Side for Instructions)

Project No/Phase/Task Code: 18036-1321

Project Name: Via com

Project Location: Buffalo Airport

Chemistry Contact: S. Gardner / D. Tyrn

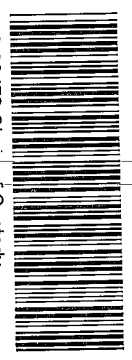
Laboratory Name: Fest America

Lab Contact: Jill Colussy

Lab Location: Pittsburgh

Lab Quote No.:

SSOW ID:



180-22450 Chain of Custody

Date Shipped: 6-20-13

COMMENTS/SPECIAL INSTRUCTIONS:

Item	SAMPLE IDENTIFICATION <small>(Containers for each sample may be combined on one line)</small>	DATE <small>(mm/dd/yyyy)</small>	TIME <small>(hh:mm)</small>	Matrix Code <small>(see back of COC)</small>	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO <sub>3</sub> )	Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	MS/MSD Request	DATE SHIPPED	COMMENTS/SPECIAL INSTRUCTIONS
1	W6-18036-062013-001	6-20-13	0950	W6 G	G		X	X						4	X	X	
2	W6-18036-062013-002	6-20-13	0955	W6 G	G		X	X						4	X	X	
3	W6-18036-062013-003	6-20-13	1120	W6 G	G		X	X						4	X	X	
4	W6-18036-062013-004	6-20-13	1005	W6 G	G		X	X						4	X	X	
5	W6-18036-062013-005	6-20-13	1225	W6 G	G		X	X						4	X	X	
6	W6-18036-062013-006	6-20-13	1210	W6 G	G		X	X						4	X	X	
7	W6-18036-062013-007	6-20-13	1325	W6 G	G		X	X						4	X	X	
8	W6-18036-062013-008	6-20-13	1325	W6 G	G		X	X						4	X	X	
9	W6-18036-062013-009	6-20-13	1425	W6 G	G		X	X						4	X	X	
10	W6-18036-062013-010	6-20-13	1520	W6 G	G		X	X						4	X	X	
11	TB-18036-062013	6-20-13		TB G	G		X							2	X		

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

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

RELIQUISHED BY

COMPANY

DATE

TIME

RECEIVED BY

COMPANY

DATE

TIME

1. Stephen Hartman

CRA

6-20-13

11:40

1. Debrae Wadson

CRAT

6-21-13

11:58

3.

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

Distribution: WHITE - Fully Executed Copy (CRA)

YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampling Crew

CRA Form: COC-10B (20110804)

## Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-22450-1

**Login Number: 22450**

**List Source: TestAmerica Pittsburgh**

**List Number: 1**

**Creator: Watson, Debbie**

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

