



**CBS Corporation**

Environmental Remediation  
11 Stanwix Street  
Pittsburgh, PA 15222

August 15, 2007

Martin L. Doster, P.E.  
New York State Department of Environmental Conservation  
Division of Environmental 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. Biel:

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 report on the status of 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 under the Order. This report covers activities during the period of July 1 through July 31, 2007 and transmits the discharge monitoring report for this reporting period.

**1. Site Activities and Status**

- A. On July 13, 2007, CBS submitted to NYSDEC a monthly report on the status of both routine and non-routine O&M activities at the Site for the June 2007 operating period. That status report also transmitted the discharge monitoring data for June 2007.
- B. The recovery and treatment system operated throughout the July 2007 reporting period.
- C. Conestoga-Rovers & Associates (CRA) conducted routine O&M on behalf of CBS, and Test America Laboratories, Inc. (TestAmerica, formerly known as Severn Trent Laboratories, Inc.) provided analytical laboratory services, as required.

## 2. Sampling Results and Other Site Data

- A. In July 2007, the groundwater system recovered an estimated 118,000 gallons.
- B. Attachment A provides the discharge monitoring report for July 2007 based on effluent sample collected on July 17, 2007, 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 on-site readings and calls into the Autodialer. The maximum daily flow was calculated from these data.
  - The pH data are provided via on-site readings, calls into the Autodialer, and laboratory analysis of the monthly effluent sample. pH data are reported only for measurements taken while the treatment pump is operating and the system is actively discharging.
  - The reported daily maximum values (pounds per day) are calculated using the maximum observed daily flow and the results of the monthly effluent monitoring, irrespective of whether the actual maximum daily flow occurred on the day of sampling.
- D. For the July 2007 reporting period, the effluent complied with all discharge limitations.
- E. Table 1 presents the data for well MW-32, which monitors groundwater quality at the former Area P located in the northern portion of the Site (i.e., outside the zone of influence for the recovery and treatment system), including the results of the most-recent sampling conducted on June 26, 2007. Table 2 shows the total target VOC concentrations in response to in situ oxidation treatments, and Figure 1 presents a graph of the total target VOC concentrations at MW-32.
- F. Table 3 provides the data from the semi-annual groundwater monitoring of the eight wells located in the central and southern portion of the Site including the results of the most-recent sampling conducted on June 26, 2007. As has been typical throughout the 6+ years of groundwater monitoring, the groundwater shows no detectable concentrations of the volatile organic compounds for which remedial action objectives (RAOs) were established in the July 1995 Record of Decision. Concentrations of target inorganics were below RAOs, except for lead at well MW-28.

- G. 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.

### 3. Upcoming Activities

- A. Under separate cover, CBS is submitting a revised termination schedule based on the initial shutdown of the 002 system followed by the shutdown of the 001 system. CBS will implement this termination upon NYSDEC concurrence. In the meantime, CBS will continue O&M activities, as needed.

### 4. Operational Problems

- A. Previously reported operational problems associated with elevated pH, hardness, and inflow continue. These operational problems are expected to be largely resolved with the phased shutdown of the collection and treatment system and limitation of inflows to those associated with Sump 003.

\* \* \* \*

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  
K. Minkel, 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	<b>1,500</b>	5 U	5 U	<b>3,700</b>	<b>540</b>	1.0 U	3.0 U
12/01/00	<b>2,200</b>	5 U	5 U	<b>1,200</b>	<b>110</b>	1.0 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>	0.41 U	2.47 U
03/30/01 (Dup)	<b>1,500</b>	100 U	100 U	<b>610</b>	<b>310</b>	0.41 U	2.47 U
06/21/01	<b>2,800</b>	250 U	250 U	<b>4,100</b>	<b>890</b>	0.85 U	1.21 U
06/21/01 (Dup)	<b>2,700</b>	250 U	250 U	<b>4,000</b>	<b>830</b>	0.85 U	1.21 U
09/13/01	<b>4,000</b>	250 U	250 U	<b>2,900</b>	<b>1,000</b>	<b>0.70 B</b>	2.1 U
09/13/01 (Dup)	<b>4,100</b>	250 U	250 U	<b>2,800</b>	<b>1,100</b>	<b>0.83 B</b>	2.8 U
12/13/01	<b>2,300</b>	200 U	200 U	<b>2,500</b>	<b>590</b>	0.44 U	3.7 U
12/31/01 (Dup)	<b>2,200</b>	200 U	200 U	<b>2,400</b>	<b>560</b>	0.44 U	2.0 U
03/14/02	<b>560</b>	250 U	250 U	<b>730</b>	<b>98</b>	0.17 U	2.03 U
03/14/02 (Dup)	<b>570</b>	250 U	250 U	<b>710</b>	<b>100</b>	0.17 U	2.03 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 B</b>	<b>4.9</b>
12/31/02 (Dup)	<b>510</b>	NA	50 U	<b>580</b>	<b>77</b>	0.29 U	<b>4.7</b>
03/29/03	<b>1,000</b>	80 U	80 U	<b>740</b>	<b>150</b>	5.0 U	3.0 U
06/17/03	<b>1,100</b>	200 U	200 U	<b>2,400</b>	<b>130 J</b>	<b>0.34 B</b>	<b>4.9</b>
06/17/03 (Dup)	<b>1,100</b>	100 U	100 U	<b>1,700</b>	<b>110</b>	5.0 U	3.0 U
09/26/03	<b>2,800</b>	100 U	100 U	<b>8,100</b>	<b>310 J</b>	5.0 U	3.0 U
12/22/03	<b>1,000</b>	100 U	100 U	<b>1,300</b>	<b>97 J</b>	0.38 U	<b>1.1 B</b>
03/29/04	<b>460</b>	10 U	10 U	<b>570</b>	<b>20 J</b>	0.37 U	1.4 U
06/30/04	<b>620</b>	200 U	200 U	<b>1,900</b>	200 U	0.29 U	1.5 U
09/13/04	<b>2,100</b>	200 U	200 U	<b>2,900</b>	<b>130 J</b>	5.0 U	<b>1.8 B</b>
12/17/04	<b>640</b>	10 U	10 U	<b>420</b>	<b>45</b>	5.0 U	3.0 U
12/17/04 (Dup)	<b>760</b>	50 U	50 U	<b>790</b>	<b>50 J</b>	5.0 U	<b>2.3 B</b>
03/31/05	<b>570</b>	50 U	50 U	<b>680</b>	<b>49 J</b>	5.0 U	3.0 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
06/22/05	<b>540</b>	10 U	10 U	<b>810</b>	<b>100</b>	5.0 U	3.0 U
06/22/05 (Dup)	<b>1,100</b>	100 U	100 U	<b>880</b>	<b>140</b>	5.0 U	3.0 U
09/09/05	<b>1,400</b>	330 U	330 U	<b>1,700</b>	<b>96 J</b>	5.0 U	3.0 U
12/14/05	<b>900</b>	10 U	10 U	<b>700</b>	<b>56</b>	5.0 U	3.0 U
12/14/05 (Dup)	<b>1,200</b>	100 U	100 U	<b>750</b>	<b>68 J</b>	5.0 U	3.0 U
03/23/06	<b>350</b>	30 U	30 U	<b>290</b>	<b>36</b>	5.0 U	3.0 U
06/13/06	<b>410</b>	50 U	50 U	<b>440</b>	<b>13 J</b>	5.0 U	3.0 U
06/13/06 (Dup)	<b>540</b>	50 U	50 U	<b>880</b>	<b>51</b>	5.0 U	3.0 U
09/11/06	<b>1,400</b>	150 U	150 U	<b>2,000</b>	<b>85 J</b>	<b>0.34 B</b>	<b>4.9</b>
12/12/06	<b>290</b>	40 U	40 U	<b>67</b>	<b>42 J</b>	5.0 U	<b>1.2 B</b>
12/12/06 (Dup)	<b>590</b>	50 U	50 U	<b>240</b>	<b>75 J</b>	5.0 U	<b>3.1</b>
03/27/07	<b>380</b>	10 U	10 U	<b>22</b>	<b>36 J</b>	5.0 U	<b>2.4 B</b>
06/26/07	<b>1,700</b>	150 U	150 U	<b>23 J</b>	<b>710</b>	5.0 U	<b>1.5 B</b>

Data Legend:

"NA" - indicates not analyzed

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

Organic data qualifiers:

U - not detected at indicated reporting limit

J - estimated concentration

Inorganic data qualifiers:

U - not detected at indicated detection limit

B - detected concentration below contract required detection limit but above instrument detection limit.

**Table 2**  
**Evaluation of In Situ Oxidation Treatment**  
**Well MW-32, Area P**  
**NYSDEC Site No. 9-15-066, Cheektowaga, New York**

Treatment Number	Date of Treatment	Total Target VOC Concentration (ug/L)		
		Date	Description	Value
1	05/31/02	03/14/02	Pre-Treatment	1,384
		07/10/02	1st Post-Treatment	3,390
2	08/28/02	07/10/02	Pre-Treatment	3,390
		12/31/02	1st Post-Treatment	1,122
		03/29/03	2nd Post-Treatment	1,890
		06/17/03	3rd Post-Treatment	3,270
3	10/27/04	09/13/04	Pre-Treatment	5,130
		12/17/04	1st Post-Treatment	1,353
		03/31/05	2nd Post-Treatment	1,299
		06/22/05	3rd Post-Treatment	1,785
		09/09/05	4th Post-Treatment	3,196
		12/14/05	5th Post-Treatment	1,837
		03/23/06	6th Post-Treatment	676
		06/14/06	7th Post-Treatment	1,167
4	10/26/06	09/11/06	Pre-Treatment	3,485
		12/12/06	1st Post-Treatment	652
		03/27/07	2nd Post-Treatment	438
		06/26/07	3rd Post-Treatment	2,433

**Table 3**  
**Summary of Groundwater Monitoring Data**  
**Wells in Central and Southern Portion of Site**  
**NYSDEC Site No. 9-15-066**

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
<b>Remedial Action Objective</b>		5	5	5	5	5	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 B</b>
	11/30/00	5 U	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	0.41 U	2.47 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	0.85 U	1.21 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	0.25 U	0.79 U
	12/13/01	10 U	10 U	10 U	10 U	10 U	0.44 U	0.82 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	0.17 U	2.03 U
	12/31/02	NA	10 U	10 U	10 U	10 U	0.29 U	<b>2.0 B</b>
	06/17/03	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/22/03	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/15/04	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/17/04	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/22/05	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>4.1</b>
	12/15/05	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/13/06	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>2.4 B</b>
12/12/06	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>4.3</b>	
06/26/07	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U	
MW-5	05/11/00	5 U	5 U	5 U	<b>5.0</b>	5 U	0.70 U	<b>18.0</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	<b>7.1 J</b>	10 U	<b>1.1</b>	<b>14.3</b>
	06/21/01	10 U	10 U	10 U	<b>4.1 J</b>	10 U	0.85 U	1.21 U
	09/13/01	10 U	10 U	10 U	<b>1.5 J</b>	10 U	<b>1.2</b>	<b>14.7</b>
	12/13/01	10 U	10 U	10 U	10 U	10 U	0.44 U	1.6 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	<b>0.29 B</b>	3.20 U
	12/31/02	10 U	NA	10 U	10 U	10 U	<b>0.57 B</b>	<b>5.0</b>
	06/17/03	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/22/03	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>6.1</b>
	06/30/04	1 U	1 U	1 U	1 U	1 U	<b>1.0 B</b>	<b>44.5</b>
	12/17/04	1 U	1 U	1 U	1 U	1 U	<b>0.43 B</b>	<b>17.2</b>
	06/22/05	1 U	1 U	1 U	<b>1.1 J</b>	1 U	<b>0.23 B</b>	<b>35.1</b>



**Table 3**  
**Summary of Groundwater Monitoring Data**  
**Wells in Central and Southern Portion of Site**  
**NYSDEC Site No. 9-15-066**

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
<b>Remedial Action Objective</b>		5	5	5	5	5	5	25
MW-5 (cont'd)	12/14/05	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>9.4</b>
	06/13/06	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/12/06	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/26/07	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>1.8 B</b>
MW-28	05/04/00	5 U	5 U	5 U	5 U	5 U	<b>1.5</b>	<b>3.1 B</b>
	03/29/01	10 U	10 U	10 U	10 U	10 U	0.41 U	2.47 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	0.85 U	1.21 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	0.25 U	<b>7.0</b>
	12/12/01	10 U	10 U	10 U	10 U	10 U	0.44 U	3 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	0.17 U	<b>8.8</b>
	12/31/02	10 U	NA	10 U	10 U	10 U	0.29 U	<b>4.7 B</b>
	06/17/03	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>1.4 B</b>
	12/22/03	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/15/04	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>35.0</b>
	12/17/04	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/22/05	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>36.8</b>
	12/15/05	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>12.3</b>
	06/13/06	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>36.5</b>
	12/12/06	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>43.1</b>
06/26/07	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>58.6</b>	
MW-30	05/04/00	5 U	5 U	5 U	5 U	5 U	<b>3.0</b>	<b>11.8</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	0.41 U	2.47 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	0.85 U	1.21 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	<b>0.60 B</b>	<b>2.7 B</b>
	12/13/01	10 U	NA	10 U	10 U	10 U	0.44 U	1.5 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	<b>0.59 B</b>	<b>3.7</b>
	12/31/02	10 U	10 U	10 U	10 U	10 U	<b>1.60 B</b>	<b>9.4</b>
	06/18/03	1 U	1 U	1 U	1 U	1 U	<b>0.47 B</b>	<b>4.3</b>
	12/22/03	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U

**Table 3**  
**Summary of Groundwater Monitoring Data**  
**Wells in Central and Southern Portion of Site**  
**NYSDEC Site No. 9-15-066**

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
<b>Remedial Action Objective</b>		5	5	5	5	5	5	25
MW-30 (cont'd)	06/15/04	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	01/05/05	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>2.8 B</b>
	06/22/05	1 U	1 U	1 U	1 U	1 U	<b>2.4 B</b>	<b>27.5</b>
	12/14/05	1 U	1 U	1 U	1 U	1 U	<b>0.90 B</b>	<b>5.9</b>
	06/13/06	1 U	1 U	1 U	1 U	1 U	<b>1.9 B</b>	<b>14.7</b>
	12/12/06	1 U	1 U	1 U	1 U	1 U	<b>0.91 B</b>	<b>12.1</b>
	06/26/07	1 U	1 U	1 U	1 U	1 U	<b>1.7 B</b>	<b>17.8</b>
MW-31	05/09/00	5 U	5 U	5 U	5 U	5 U	0.70 U	3.0 U
	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	0.41 U	2.47 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	0.85 U	1.21 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	<b>0.27 B</b>	0.79 U
	12/13/01	10 U	10 U	10 U	10 U	10 U	0.44 U	2.2 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	<b>0.55 B</b>	<b>3.4</b>
	12/31/02	10 U	NA	10 U	10 U	10 U	0.29 U	<b>2.9 B</b>
	06/17/03	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>8.1</b>
	12/22/03	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>13.2</b>
	06/30/04	1 U	1 U	1 U	1 U	1 U	<b>0.38 B</b>	<b>11.0</b>
	12/17/04	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>2.0 B</b>
	06/22/05	1 U	1 U	1 U	1 U	1 U	<b>1.1 B</b>	<b>38.2</b>
	12/15/05	1 U	1 U	1 U	1 U	1 U	<b>0.58 B</b>	<b>3.9</b>
	06/13/06	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
12/12/06	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>2.4 B</b>	
06/26/07	1 U	1 U	1 U	1 U	1 U	<b>1.1 B</b>	<b>23.1</b>	
MW-33	05/11/00	NA	5 U	<b>1.3 J</b>	5 U	5 U	<b>1.3</b>	3.0 U
	12/01/00	NA	5 U	<b>35</b>	5 U	5 U	1.0 U	10.0 U
	03/28/01	10 U	10 U	10 U	10 U	10 U	0.41 U	2.47 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	0.85 U	1.21 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	0.25 U	0.79 U
	12/13/01	10 U	10 U	10 U	10 U	10 U	0.44 U	0.82 U

**Table 3**  
**Summary of Groundwater Monitoring Data**  
**Wells in Central and Southern Portion of Site**  
**NYSDEC Site No. 9-15-066**

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
<b>Remedial Action Objective</b>		5	5	5	5	5	5	25
MW-33 (cont'd)	03/14/02	10 U	10 U	10 U	10 U	10 U	0.17 U	2.03 U
	12/31/02	10 U	NA	10 U	10 U	10 U	0.29 U	1.46 U
	06/18/03	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/22/03	1 U	1 U	1 U	1 U	1 U	<b>1.2 B</b>	<b>15.0</b>
	06/15/04	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>7.4</b>
	12/17/04	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>2.5 B</b>
	06/22/05	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>1.9 B</b>
	12/14/05	<b>23</b>	1 U	1 U	<b>16</b>	<b>1.5 J</b>	5.0 U	3.0 U
	06/13/06	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/12/06	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>2.7 B</b>
	06/26/07	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
MW-34	05/06/00	5 U	5 U	10 U	5 U	5 U	<b>1.2</b>	<b>3.8 B</b>
	11/30/00	5 U	5 U	35 U	5 U	5 U	<b>2.1</b>	10.0 U
	03/28/01	10 U	10 U	10 U	10 U	10 U	0.41 U	2.47 U
	06/21/01	10 U	10 U	10 U	10 U	10 U	0.85 U	1.21 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	0.25 U	0.79 U
	12/13/01	10 U	10 U	10 U	10 U	10 U	0.44 U	0.82 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	0.17 U	2.03 U
	12/31/02	10 U	NA	10 U	10 U	10 U	0.29 U	<b>2.8 B</b>
	06/18/03	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/22/03	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>2.3 B</b>
	06/15/04	1 U	1 U	1 U	1 U	1 U	<b>0.29 B</b>	<b>4.1</b>
	01/05/05	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/22/05	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>5.4</b>
	12/14/05	1 U	1 U	1 U	1 U	1 U	<b>0.41 B</b>	<b>6.5</b>
	06/13/06	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>2.7 B</b>
12/12/06	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U	
06/26/07	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U	
MW-34D	05/06/00	5 U	5 U	5 U	5 U	5 U	<b>1.2</b>	<b>3.1 B</b>
	11/30/00	5 U	5 U	5 U	5 U	5 U	1.0 U	10.0 U

**Table 3**  
**Summary of Groundwater Monitoring Data**  
**Wells in Central and Southern Portion of Site**  
**NYSDEC Site No. 9-15-066**

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
<b>Remedial Action Objective</b>		5	5	5	5	5	5	25
MW-34D (cont'd)	03/28/01	10 U	10 U	10 U	10 U	10 U	0.41 U	2.47 U
	06/21/01	10 U	<b>2.2 J</b>	10 U	<b>1.1 J</b>	10 U	0.85 U	1.21 U
	09/13/01	10 U	10 U	10 U	10 U	10 U	0.25 U	0.79 U
	12/13/01	10 U	10 U	10 U	10 U	10 U	0.44 U	4.0 U
	03/14/02	10 U	10 U	10 U	10 U	10 U	0.17 U	2.03 U
	12/31/02	10 U	NA	10 U	10 U	10 U	0.29 U	<b>2.3 B</b>
	06/18/03	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/22/03	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>12.8</b>
	06/15/04	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>3.9</b>
	01/05/05	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>1.7 B</b>
	06/22/05	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>9.8</b>
	12/14/05	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>2.6 B</b>
	06/13/06	1 U	1 U	1 U	1 U	1 U	<b>1.7 B</b>	3.0 U
	12/12/06	1 U	1 U	1 U	1 U	1 U	5.0 U	<b>7.0</b>
	06/26/07	1 U	1 U	1 U	1 U	1 U	<b>0.47 B</b>	3.0 U
	06/26/07	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 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.

Organic data qualifiers:

U - not detected at indicated minimum detection limit (MDL)

J - estimated concentration above MDL, but below reporting limit (RL)

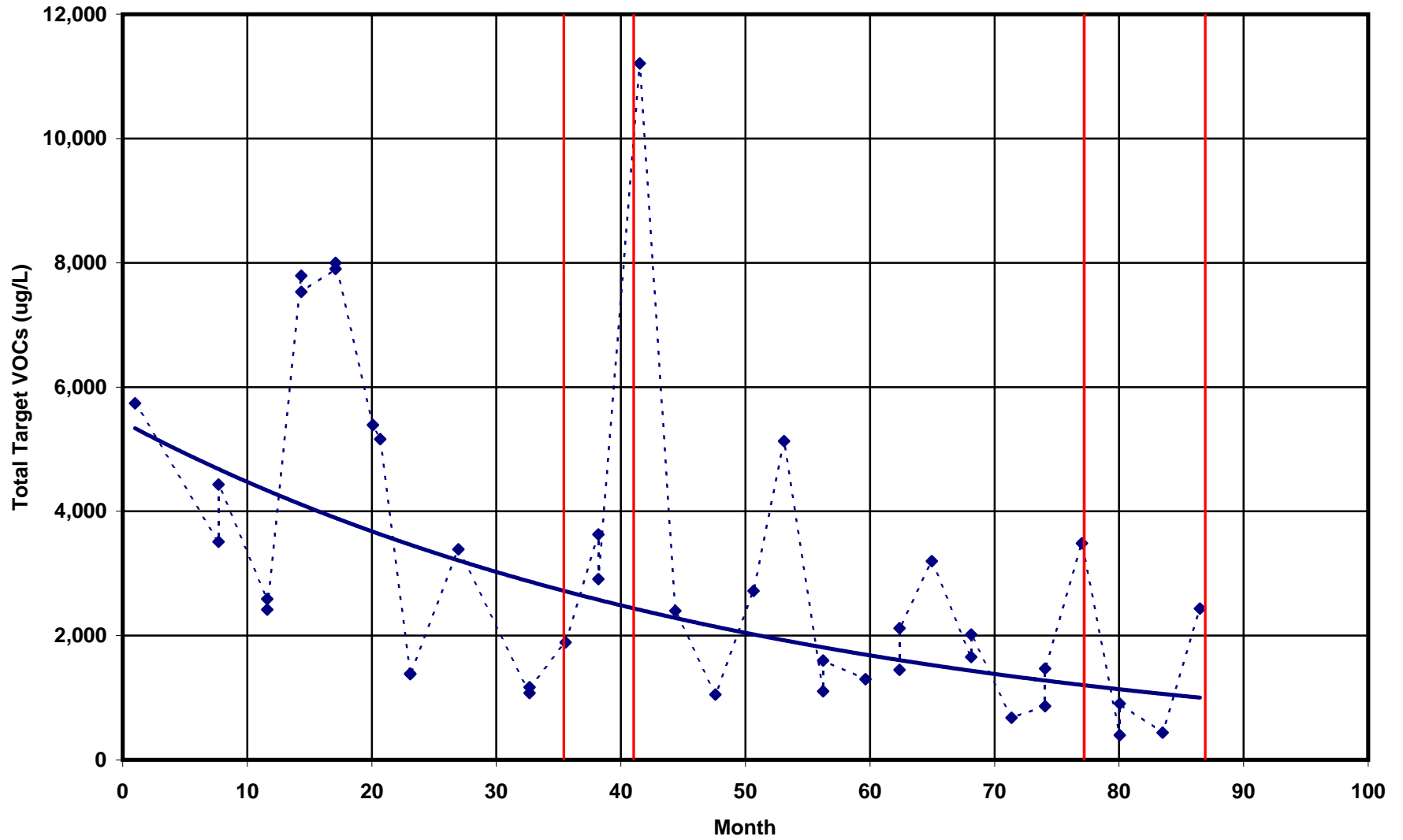
Inorganic data qualifiers:

U - not detected at indicated RL

B - detected concentration above MDL, but below RL.

**FIGURE**

Figure 1: Total Target VOCs at MW-32



**ATTACHMENT A**  
**DISCHARGE MONITORING REPORT**  
**JULY 2007**

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

Reporting Month & Year **Jul-07**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		<b>6,457</b>	<b>gpd</b>		<b>Continuous</b>	<b>Meter</b>
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	<b>7.26</b>	<b>7.64</b>	<b>s.u.</b>		<b>10</b>	<b>Grab</b>
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		<b>&lt; 4.0</b>	<b>mg/L</b>	<b>&lt; 0.26</b>	<b>1</b>	<b>Grab</b>
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		<b>&lt; 1.0</b>	<b>ug/L</b>	<b>&lt; 0.00006</b>	<b>1</b>	<b>Grab</b>
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		<b>&lt; 1.0</b>	<b>ug/L</b>	<b>&lt; 0.00006</b>	<b>1</b>	<b>Grab</b>
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		<b>&lt; 1.0</b>	<b>ug/L</b>	<b>&lt; 0.00006</b>	<b>1</b>	<b>Grab</b>
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		<b>&lt; 1.0</b>	<b>ug/L</b>	<b>&lt; 0.00006</b>	<b>1</b>	<b>Grab</b>
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		<b>&lt; 1.0</b>	<b>ug/L</b>	<b>&lt; 0.00006</b>	<b>1</b>	<b>Grab</b>
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		<b>&lt; 1.0</b>	<b>ug/L</b>	<b>&lt; 0.00006</b>	<b>1</b>	<b>Grab</b>
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		<b>&lt; 0.43</b>	<b>ug/L</b>	<b>&lt; 0.000023</b>	<b>1</b>	<b>Grab</b>
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		<b>1.0</b>	<b>ug/L</b>	<b>0.000054</b>	<b>1</b>	<b>Grab</b>
	Discharge Limitation		99	ug/L		Monthly	Grab



**ATTACHMENT B**  
**LABORATORY ANALYSIS REPORT**  
**JULY 2007 EFFLUENT SAMPLE**

STL Pittsburgh  
301 Alpha Drive  
Pittsburgh, PA 15238

Tel: 412 963 7058 Fax: 412 963 2468  
www.stl-inc.com

## ANALYTICAL REPORT

PROJECT NO. VIACOM BUFFALO

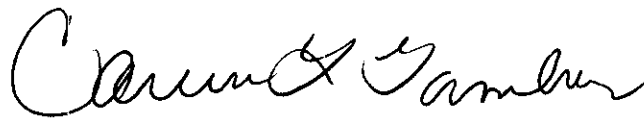
Viacom Buffalo Airport

Lot #: C7G190139

Leo Brausch

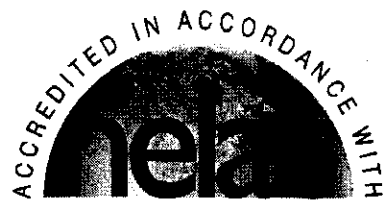
Leo Brausch Consulting  
131 Wedgewood Drive  
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC. (FKA STL)



Carrie L. Gamber  
Project Manager

July 27, 2007



**NELAC REPORTING:**

The format and content of the attached report meets NELAC standards and guidelines except as noted in the narrative. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
NFESC	NA	NAVY	X
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW	X
		HW	X
California - nelac	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida - nelac	(#E87660)	WW	X
		HW	X
Illinois - nelac	(#200005)	WW	X
		HW	X
Kansas - nelac	(#E-10350)	WW	X
		HW	X
Louisiana - nelac	(#93200)	WW	X
		HW	X
New Hampshire - nelac	(#203002)	WW	X
		--	--
New Jersey - nelac	(PA-005)	WW	X
		HW	X
New York - nelac	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
Ohio Vap	(#CL0063)	WW	X
		HW	X
Pennsylvania - nelac	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014001)	WW	X
		HW	X
Utah - nelac	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

- HW Hazardous Waste certification
- WW Non-potable Water and/or Wastewater certification
- X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 06/18/07

## CASE NARRATIVE

**Leo Brausch Consulting**  
Viacom  
Buffalo Airport

STL Lot # C7G190139

### **Sample Receiving:**

TestAmerica Pittsburgh, PA received one sample on July 18, 2007. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

### **GC/MS Volatiles:**

TestAmerica North Canton, Ohio performed the 624 analysis. All results are included in the report.

The method blank had methylene chloride detected between the MDL and the reporting limit. The result was flagged with a "J" qualifier. Any sample that had this compound detected had the result flagged with a "J" qualifier.

### **Metals:**

There were no problems associated with the analysis.

### **General Chemistry:**

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

# METHODS SUMMARY

C7G190139

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
pH (Electrometric)	MCAWW 150.1	MCAWW 150.1
Non-Filterable Residue (TSS)	MCAWW 160.2	MCAWW 160.2
Purgeables	CFR136A 624	SW846 5030B
Trace Inductively Coupled Plasma (ICP) Metals	MCAWW 200.7	MCAWW 200.7

## References:

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

# SAMPLE SUMMARY

C7G190139

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J241C	001	EFF0707	07/17/07	14:00

**NOTE (S) :**

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.



Leo Brausch Consulting

Client Sample ID: EFF0707

GC/MS Volatiles

Lot-Sample #....: C7G190139-001  
Date Sampled....: 07/17/07  
Prep Date.....: 07/24/07  
Prep Batch #....: 7206453  
Dilution Factor: 1

Work Order #....: J241C1AF  
Date Received...: 07/18/07  
Analysis Date...: 07/25/07  
Analysis Time...: 03:36

Matrix.....: WATER  
MS Run #.....: 7206286

Method.....: CFR136A 624

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.33
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
Trichloroethene	ND	1.0	ug/L	0.17

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	104	(90 - 117)
Toluene-d8	90	(90 - 110)
Bromofluorobenzene	90	(85 - 111)



Leo Brausch Consulting

Client Sample ID: EFF0707

TOTAL Metals

Lot-Sample #...: C7G190139-001

Matrix.....: WATER

Date Sampled...: 07/17/07

Date Received...: 07/18/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>		<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Prep Batch #...: 7201297						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	07/23-07/25/07	J241C1AA
		Dilution Factor: 1		Analysis Time...: 20:19	MS Run #.....: 7201193	
		MDL.....: 0.43				
Chromium	1.0 B	5.0	ug/L	MCAWW 200.7	07/23-07/25/07	J241C1AC
		Dilution Factor: 1		Analysis Time...: 20:19	MS Run #.....: 7201193	
		MDL.....: 0.59				

**NOTE(S):**

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFF0707

General Chemistry

Lot-Sample #....: C7G190139-001  
Date Sampled....: 07/17/07

Work Order #....: J241C  
Date Received...: 07/18/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
pH	7.5	--	No Units	MCAWW 150.1	07/20/07	7201265
			Dilution Factor: 1	Analysis Time..: 15:20	MS Run #.....: 7201186	
			MDL.....: --			
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	07/19/07	7200407
			Dilution Factor: 1	Analysis Time..: 00:00	MS Run #.....: 7200272	
			MDL.....: 3.4			

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7G190139  
 MB Lot-Sample #: A7G250000-453

Work Order #...: J3JMR1AA

Matrix.....: WATER

Analysis Date...: 07/24/07  
 Dilution Factor: 1

Prep Date.....: 07/24/07

Analysis Time...: 21:57

Prep Batch #...: 7206453

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Toluene	ND	1.0	ug/L	CFR136A 624
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	ND	1.0	ug/L	CFR136A 624
<b>Methylene chloride</b>	<b>0.59 J</b>	<b>1.0</b>	<b>ug/L</b>	<b>CFR136A 624</b>
Tetrachloroethene	ND	1.0	ug/L	CFR136A 624
Trichloroethene	ND	1.0	ug/L	CFR136A 624

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
1,2-Dichloroethane-d4	96	(90 - 117)
Toluene-d8	94	(90 - 110)
Bromofluorobenzene	93	(85 - 111)

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: C7G190139

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
<b>MB Lot-Sample #:</b> C7G200000-297 <b>Prep Batch #....:</b> 7201297						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	07/23-07/25/07	J291L1AA
		Dilution Factor: 1				
		Analysis Time...: 20:08				
Chromium	ND	5.0	ug/L	MCAWW 200.7	07/23-07/25/07	J291L1AC
		Dilution Factor: 1				
		Analysis Time...: 20:08				

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #....: C7G190139

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>LIMIT</u>	<u>UNITS</u>		<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	07/19/07	7200407
		Work Order #: J26LA1AA		MB Lot-Sample #: C7G190000-407		
		Dilution Factor: 1				
		Analysis Time...: 00:00				

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7G190139      Work Order #...: J3JMR1AC      Matrix.....: WATER  
 LCS Lot-Sample#: A7G250000-453  
 Prep Date.....: 07/24/07      Analysis Date...: 07/24/07  
 Prep Batch #...: 7206453      Analysis Time...: 17:07  
 Dilution Factor: 1

PARAMETER	PERCENT	RECOVERY	METHOD
	RECOVERY	LIMITS	
Benzene	100	(37 - 151)	CFR136A 624
Bromodichloromethane	108	(35 - 155)	CFR136A 624
Bromoform	94	(45 - 169)	CFR136A 624
Bromomethane	73	(10 - 242)	CFR136A 624
Carbon tetrachloride	110	(70 - 140)	CFR136A 624
Chlorobenzene	96	(37 - 160)	CFR136A 624
Chloroethane	80	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	74	(10 - 305)	CFR136A 624
Chloroform	109	(51 - 138)	CFR136A 624
Chloromethane	83	(10 - 273)	CFR136A 624
Dibromochloromethane	106	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	92	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	93	(18 - 190)	CFR136A 624
1,1-Dichloroethane	106	(59 - 155)	CFR136A 624
1,2-Dichloroethane	108	(49 - 155)	CFR136A 624
1,1-Dichloroethene	102	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	106	(54 - 156)	CFR136A 624
1,2-Dichloropropane	93	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	82	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	74	(17 - 183)	CFR136A 624
Ethylbenzene	97	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	84	(46 - 157)	CFR136A 624
1,1,1-Trichloroethane	104	(52 - 162)	CFR136A 624
1,1,2-Trichloroethane	97	(52 - 150)	CFR136A 624
Trichlorofluoromethane	106	(17 - 181)	CFR136A 624
Vinyl chloride	75	(10 - 251)	CFR136A 624
1,2-Dichlorobenzene	92	(18 - 190)	CFR136A 624
Methylene chloride	104	(10 - 221)	CFR136A 624
Tetrachloroethene	113	(64 - 148)	CFR136A 624
Toluene	97	(47 - 150)	CFR136A 624
Trichloroethene	107	(71 - 157)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: C7G190139  
LCS Lot-Sample#: A7G250000-453

Work Order #....: J3JMR1AC

Matrix.....: WATER

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	99	(90 - 117)
Toluene-d8	98	(90 - 110)
Bromofluorobenzene	104	(85 - 111)

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C7G190139

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
------------------	-------------------------	------------------------	---------------	-----------------------------------	---------------------

LCS Lot-Sample#: C7G200000-297 Prep Batch #....: 7201297

Cadmium	101	(85 - 115)	MCAWW 200.7	07/23-07/25/07	J291L1AD
		Dilution Factor: 1		Analysis Time..: 20:13	

Chromium	103	(85 - 115)	MCAWW 200.7	07/23-07/25/07	J291L1AE
		Dilution Factor: 1		Analysis Time..: 20:13	

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.



**LABORATORY CONTROL SAMPLE EVALUATION REPORT**

**General Chemistry**

Client Lot #....: C7G190139

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
pH	100	(99 - 101)	MCAWW 150.1	07/20/07	7201265
		Dilution Factor: 1		Analysis Time...: 15:15	
Total Suspended Solids	106	(80 - 120)	MCAWW 160.2	07/19/07	7200407
		Dilution Factor: 1		Analysis Time...: 00:00	

**NOTE(S) :**

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Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C7G190139      Work Order #...: J3AK51AC      Matrix.....: WATER  
 MS Lot-Sample #: A7G200348-001  
 Date Sampled...: 07/19/07      Date Received...: 07/20/07  
 Prep Date.....: 07/25/07      Analysis Date...: 07/25/07  
 Prep Batch #...: 7206453      MS Run #.....: 7206286  
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	72 a	(90 - 114)	CFR136A 624
Bromodichloromethane	70 a	(78 - 123)	CFR136A 624
Bromoform	43	(40 - 141)	CFR136A 624
Bromomethane	54	(42 - 160)	CFR136A 624
Carbon tetrachloride	59 a	(61 - 129)	CFR136A 624
Chlorobenzene	72 a	(90 - 113)	CFR136A 624
Chloroethane	60	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)	CFR136A 624
Chloroform	81 a	(90 - 118)	CFR136A 624
Chloromethane	60	(37 - 127)	CFR136A 624
Dibromochloromethane	59 a	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	68 a	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	69 a	(90 - 112)	CFR136A 624
1,1-Dichloroethane	77 a	(90 - 114)	CFR136A 624
1,2-Dichloroethane	83 a	(90 - 123)	CFR136A 624
1,1-Dichloroethene	76 a	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	78 a	(85 - 116)	CFR136A 624
1,2-Dichloropropane	70 a	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	48 a	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	42 a	(71 - 114)	CFR136A 624
Ethylbenzene	70 a	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	63 a	(77 - 133)	CFR136A 624
1,1,1-Trichloroethane	67 a	(82 - 119)	CFR136A 624
1,1,2-Trichloroethane	74 a	(89 - 123)	CFR136A 624
Trichlorofluoromethane	80	(62 - 110)	CFR136A 624
Vinyl chloride	55	(50 - 119)	CFR136A 624
1,2-Dichlorobenzene	70 a	(90 - 115)	CFR136A 624
Methylene chloride	73 a	(78 - 131)	CFR136A 624
Tetrachloroethene	86	(81 - 112)	CFR136A 624
Toluene	72 a	(87 - 112)	CFR136A 624
Trichloroethene	78 a	(85 - 114)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	106	(90 - 117)
Toluene-d8	95	(90 - 110)
Bromofluorobenzene	101	(85 - 111)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C7G190139

Work Order #...: J3AK51AC

Matrix.....: WATER

MS Lot-Sample #: A7G200348-001

**NOTE(S) :**

---

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

**MATRIX SPIKE SAMPLE EVALUATION REPORT**

**TOTAL Metals**

Client Lot #...: C7G190139  
 Date Sampled...: 07/17/07

Date Received...: 07/18/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
<b>MS Lot-Sample #: C7G190139-001 Prep Batch #...: 7201297</b>							
Cadmium	98	(70 - 130)			MCAWW 200.7	07/23-07/25/07	J241C1AH
	96	(70 - 130)	2.3	(0-20)	MCAWW 200.7	07/23-07/25/07	J241C1AJ
			Dilution Factor: 1				
			Analysis Time...: 20:30				
			MS Run #.....: 7201193				
Chromium	98	(70 - 130)			MCAWW 200.7	07/23-07/25/07	J241C1AK
	97	(70 - 130)	1.6	(0-20)	MCAWW 200.7	07/23-07/25/07	J241C1AL
			Dilution Factor: 1				
			Analysis Time...: 20:30				
			MS Run #.....: 7201193				

**NOTE(S) :**

---

Calculations are performed before rounding to avoid round-off errors in calculated results.



**SAMPLE DUPLICATE EVALUATION REPORT**

**General Chemistry**

Client Lot #...: C7G190139

Work Order #...: J241C-SMP  
J241C-DUP

Matrix.....: WATER

Date Sampled...: 07/17/07

Date Received...: 07/18/07

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u> <u>RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u> <u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
pH	7.5	7.6	No Units	1.5	(0-2.0)	MCAWW 150.1	07/20/07	7201265
			Dilution Factor: 1			Analysis Time...: 15:20	MS Run Number...: 7201186	
						SD Lot-Sample #: C7G190139-001		

**ATTACHMENT C**  
**LABORATORY ANALYSIS REPORT**  
**JUNE 2007 GROUNDWATER MONITORING**

**Well Sampling Key**  
**June 26, 2007**  
**NYSDEC Site No. 9-15-066**

<b>Sample No.</b>	<b>Well No.</b>
WG-18036-121206-001	MW-34D
WG-18036-121206-002	MW-34D (dup)
WG-18036-121206-003	MW-34
WG-18036-121206-004	MW-30
WG-18036-121206-005	MW-33
WG-18036-121206-006	MW-5
WG-18036-121206-007	MW-32
WG-18036-121206-008	MW-31
WG-18036-121206-009	MW-2
WG-18036-121206-010	MW-28
TB-18036-0607	TRIP BLANK



SEVERN

TRENT

STL

STL Pittsburgh  
301 Alpha Drive  
Pittsburgh, PA 15238

Tel: 412 963 7058 Fax: 412 963 2468  
www.stl-inc.com

## ANALYTICAL REPORT

PROJECT NO. VIACOM BUFFALO

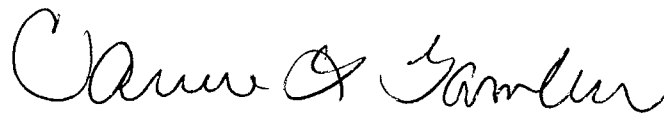
Viacom Buffalo Airport

Lot #: C7E270370

Leo Brausch

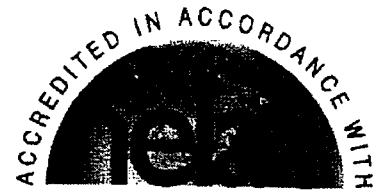
Leo Brausch Consulting  
131 Wedgewood Drive  
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC. (FKA STL)



Carrie L. Gamber  
Project Manager

July 17, 2007



**NELAC REPORTING:**

The format and content of the attached report meets NELAC standards and guidelines except as noted in the narrative. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
NFESC	NA	NAVY	X
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW	X
		HW	X
California - nelac	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida - nelac	(#E87660)	WW	X
		HW	X
Illinois - nelac	(#200005)	WW	X
		HW	X
Kansas - nelac	(#E-10350)	WW	X
		HW	X
Louisiana - nelac	(#93200)	WW	X
		HW	X
New Hampshire - nelac	(#203002)	WW	X
		-	-
New Jersey - nelac	(PA-005)	WW	X
		HW	X
New York - nelac	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
Ohio Vap	(#CL0063)	WW	X
		HW	X
Pennsylvania - nelac	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014001)	WW	X
		HW	X
Utah - nelac	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

- HW Hazardous Waste certification
- WW Non-potable Water and/or Wastewater certification
- X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 06/18/07

## CASE NARRATIVE

### Leo Brausch Consulting

STL Lot # C7F270370

#### **Sample Receiving:**

TestAmerica Pittsburgh received samples on June 27, 2007. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

#### **GC/MS Volatiles:**

Sample WG-18036-0607-007 was analyzed at a dilution due to the concentration of target compounds detected.

#### **Metals:**

Sample WG-18036-0607-001 and its duplicate RPD was outside QC limits for lead.

# METHODS SUMMARY

C7F270370

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
CLP - Volatile Organic Compounds (OLM04.2) Inductively Coupled Plasma	OCLP OLM04.2 ICLP ILM04.0/4.	OCLP OLM04.2 ICLP ILM04.0

## References:

- ICLP USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis, Multi-Media, Multi-Concentration.
- OCLP USEPA Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration.

# SAMPLE SUMMARY

C7F270370

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J1X79	001	WG-18036-0607-001	06/26/07	09:11
J1X8P	002	WG-18036-0607-002	06/26/07	09:16
J1X8Q	003	WG-18036-0607-003	06/26/07	09:29
J1X8R	004	TB-18036-0607	06/26/07	
J1X8T	005	WG-18036-0607-004	06/26/07	10:00
J1X8V	006	WG-18036-0607-005	06/26/07	11:15
J1X8W	007	WG-18036-0607-006	06/26/07	10:51
J1X8X	008	WG-18036-0607-007	06/26/07	11:50
J1X80	009	WG-18036-0607-008	06/26/07	12:14
J1X81	010	WG-18036-0607-009	06/26/07	12:59
J1X82	011	WG-18036-0607-010	06/26/07	13:40

## NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

# CHAIN OF CUSTODY RECORD

**CONESTOGA-ROVERS & ASSOCIATES**  
2055 Niagara Falls Blvd., Suite 3  
Niagara Falls, N.Y. 14304 (716) 297-6150

SHIPPED TO (Laboratory Name):  
**STL Pittsburgh**

REFERENCE NUMBER:  
**18036-50**

**Viacom**

SAMPLER'S SIGNATURE: *Rachel B. Nasueti* PRINTED NAME: **RACHEL B. NASUETI**

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No of Containers	PARAMETERS	REMARKS
	6/24/07	0911	WG-18036-0607-001	water	4	VC	
	0916		WG-18036-0607-002	↓	4	VC	
	0929		WX-18036-0607-003	↓	4	VC	
			TB-18036-0607	lab waste	3	VC	
	1002		WG-18036-0607-004	water	4	VC	
	1115		WG-18036-0607-005	↓	4	VC	
	1051		WG-18036-0607-006	water	4	VC	
	1150		WG-18036-0607-007	↓	4	VC	
	1214		WG-18036-0607-008	↓	4	VC	
	1259		WG-18036-0607-009	↓	4	VC	
	1340		WG-18036-0607-010	↓	4	VC	

TOTAL NUMBER OF CONTAINERS: **43**

REINQUISHED BY: *Rachel B. Nasueti* DATE: **6/26/07** TIME: **1400** RECEIVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_  
REINQUISHED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ RECEIVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_  
REINQUISHED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ RECEIVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

HEALTH/CHEMICAL HAZARDS

METHOD OF SHIPMENT: **FED EX**  
White - Fully Executed Copy  
Yellow - Receiving Laboratory Copy  
Pink - Shipper Copy  
Goldenrod - Sampler Copy  
SAMPLE TEAM: **RN**  
**SM**  
WAY BILL No. **8468 1666 7001**  
RECEIVED FOR LABORATORY BY: \_\_\_\_\_  
DATE: **06-27-07** TIME: **1000**  
No N **4380**

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-001

GC/MS Volatiles

Lot-Sample #....: C7F270370-001    Work Order #....: J1X791AA    Matrix.....: WATER  
 Date Sampled....: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
 Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
 Prep Batch #....: 7184559    Analysis Time...: 18:18  
 Dilution Factor: 1  
 Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	97	(88 - 110)
Bromofluorobenzene	91	(86 - 115)
1,2-Dichloroethane-d4	104	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-001

TOTAL Metals

Lot-Sample #....: C7F270370-001

Date Sampled....: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>		<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Prep Batch #....: 7187193						
Cadmium	0.47 B	5	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X791AC
		Dilution Factor: 1		Analysis Time...: 08:05	MS Run #.....: 7187094	
		MDL.....: 0.23				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X791AD
		Dilution Factor: 1		Analysis Time...: 08:05	MS Run #.....: 7187094	
		MDL.....: 1.3				

NOTE(S):

B Estimated result. Result is less than RL.



Leo Brausch Consulting

Client Sample ID: WG-18036-0607-002

GC/MS Volatiles

Lot-Sample #....: C7F270370-002    Work Order #....: J1X8P1AA    Matrix.....: WATER  
 Date Sampled....: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
 Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
 Prep Batch #....: 7184559    Analysis Time...: 18:43  
 Dilution Factor: 1  
 Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
	<u>RECOVERY</u>	<u>LIMITS</u>		
Toluene-d8	92	(88 - 110)		
Bromofluorobenzene	87	(86 - 115)		
1,2-Dichloroethane-d4	97	(76 - 114)		

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-002

TOTAL Metals

Lot-Sample #...: C7F270370-002

Date Sampled...: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #...: 7187193						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X8P1AC
		Dilution Factor: 1		Analysis Time...: 08:44	MS Run #.....: 7187094	
		MDL.....: 0.23				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X8P1AD
		Dilution Factor: 1		Analysis Time...: 08:44	MS Run #.....: 7187094	
		MDL.....: 1.3				

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-003

GC/MS Volatiles

Lot-Sample #...: C7F270370-003    Work Order #...: J1X8Q1AA    Matrix.....: WATER  
 Date Sampled...: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
 Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
 Prep Batch #...: 7184559    Analysis Time...: 19:06  
 Dilution Factor: 1  
 Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Toluene-d8	92	(88 - 110)
Bromofluorobenzene	86	(86 - 115)
1,2-Dichloroethane-d4	98	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-003

TOTAL Metals

Lot-Sample #...: C7F270370-003

Date Sampled...: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>		<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Prep Batch #...: 7187193						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X8Q1AC
		Dilution Factor: 1		Analysis Time...: 09:00	MS Run #.....: 7187094	
		MDL.....: 0.23				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X8Q1AD
		Dilution Factor: 1		Analysis Time...: 09:00	MS Run #.....: 7187094	
		MDL.....: 1.3				

Leo Brausch Consulting

Client Sample ID: TB-18036-0607

GC/MS Volatiles

Lot-Sample #....: C7F270370-004    Work Order #....: J1X8R1AA    Matrix.....: WATER  
 Date Sampled....: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
 Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
 Prep Batch #....: 7184559    Analysis Time...: 17:53  
 Dilution Factor: 1  
 Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Toluene-d8	91	(88 - 110)		
Bromofluorobenzene	87	(86 - 115)		
1,2-Dichloroethane-d4	99	(76 - 114)		

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-004

GC/MS Volatiles

Lot-Sample #....: C7F270370-005    Work Order #....: J1X8T1AA    Matrix.....: WATER  
 Date Sampled....: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
 Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
 Prep Batch #....: 7184559    Analysis Time...: 19:33  
 Dilution Factor: 1  
 Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0
	<u>PERCENT</u>	<u>RECOVERY</u>		
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
Toluene-d8	96	(88 - 110)		
Bromofluorobenzene	92	(86 - 115)		
1,2-Dichloroethane-d4	102	(76 - 114)		

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-004

TOTAL Metals

Lot-Sample #...: C7F270370-005

Date Sampled...: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>		<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Prep Batch #...: 7187193						
Cadmium	1.7 B	5	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	JLX8T1AC
		Dilution Factor: 1		Analysis Time...: 09:06	MS Run #.....: 7187094	
		MDL.....: 0.23				
Lead	17.8	3	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	JLX8T1AD
		Dilution Factor: 1		Analysis Time...: 09:06	MS Run #.....: 7187094	
		MDL.....: 1.3				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-005

GC/MS Volatiles

Lot-Sample #....: C7F270370-006    Work Order #....: J1X8V1AA    Matrix.....: WATER  
Date Sampled...: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
Prep Batch #....: 7184559    Analysis Time...: 21:13  
Dilution Factor: 1  
Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
	<u>RECOVERY</u>	<u>LIMITS</u>		
Toluene-d8	98	(88 - 110)		
Bromofluorobenzene	101	(86 - 115)		
1,2-Dichloroethane-d4	103	(76 - 114)		



Leo Brausch Consulting

Client Sample ID: WG-18036-0607-005

TOTAL Metals

Lot-Sample #...: C7F270370-006

Date Sampled...: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #...: 7187193						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X8V1AC
		Dilution Factor: 1		Analysis Time...: 09:11	MS Run #.....: 7187094	
		MDL.....: 0.23				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X8V1AD
		Dilution Factor: 1		Analysis Time...: 09:11	MS Run #.....: 7187094	
		MDL.....: 1.3				

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-006

GC/MS Volatiles

Lot-Sample #...: C7F270370-007    Work Order #...: J1X8W1AA    Matrix.....: WATER  
 Date Sampled...: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
 Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
 Prep Batch #...: 7184559    Analysis Time...: 21:37  
 Dilution Factor: 1  
 Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Toluene-d8	97	(88 - 110)
Bromofluorobenzene	101	(86 - 115)
1,2-Dichloroethane-d4	101	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-006

TOTAL Metals

Lot-Sample #...: C7F270370-007

Date Sampled...: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>WORK</u> <u>ORDER #</u>
Prep Batch #...: 7187193						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X8W1AC
		Dilution Factor: 1		Analysis Time...: 09:17	MS Run #.....: 7187094	
		MDL.....: 0.23				
Lead	1.8 B	3	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X8W1AD
		Dilution Factor: 1		Analysis Time...: 09:17	MS Run #.....: 7187094	
		MDL.....: 1.3				

NOTE(S) :

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-007

GC/MS Volatiles

Lot-Sample #...: C7F270370-008    Work Order #...: J1X8X1AA    Matrix.....: WATER  
 Date Sampled...: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
 Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
 Prep Batch #...: 7184559    Analysis Time...: 22:03  
 Dilution Factor: 15  
 Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Toluene	ND	150	ug/L	15
cis-1,2-Dichloroethene	1700	150	ug/L	15
1,1,1-Trichloroethane	ND	150	ug/L	15
Trichloroethene	23 J	150	ug/L	15
Vinyl chloride	710	150	ug/L	15

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	95	(88 - 110)
Bromofluorobenzene	99	(86 - 115)
1,2-Dichloroethane-d4	98	(76 - 114)

**NOTE(S):**

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-007

TOTAL Metals

Lot-Sample #...: C7F270370-008

Date Sampled...: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #...: 7187193						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X8X1AC
		Dilution Factor: 1		Analysis Time...: 09:22	MS Run #.....: 7187094	
		MDL.....: 0.23				
Lead	1.5 B	3	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X8X1AD
		Dilution Factor: 1		Analysis Time...: 09:22	MS Run #.....: 7187094	
		MDL.....: 1.3				

**NOTE(S):**

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-008

GC/MS Volatiles

Lot-Sample #...: C7F270370-009    Work Order #...: J1X801AA    Matrix.....: WATER  
 Date Sampled...: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
 Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
 Prep Batch #...: 7184559    Analysis Time...: 22:26  
 Dilution Factor: 1  
 Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	96	(88 - 110)
Bromofluorobenzene	95	(86 - 115)
1,2-Dichloroethane-d4	102	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-008

TOTAL Metals

Lot-Sample #...: C7F270370-009

Date Sampled...: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

PARAMETER	RESULT	REPORTING		METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS			
Prep Batch #...: 7187193						
Cadmium	1.1 B	5	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	JLX801AC
		Dilution Factor: 1		Analysis Time...: 08:27	MS Run #.....: 7187094	
		MDL.....: 0.23				
Lead	23.1	3	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	JLX801AD
		Dilution Factor: 1		Analysis Time...: 08:27	MS Run #.....: 7187094	
		MDL.....: 1.3				

**NOTE(S):**

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-009

GC/MS Volatiles

Lot-Sample #...: C7F270370-010    Work Order #...: J1X811AA    Matrix.....: WATER  
 Date Sampled...: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
 Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
 Prep Batch #...: 7184559    Analysis Time...: 22:49  
 Dilution Factor: 1  
 Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Toluene-d8	96	(88 - 110)		
Bromofluorobenzene	96	(86 - 115)		
1,2-Dichloroethane-d4	102	(76 - 114)		



Leo Brausch Consulting

Client Sample ID: WG-18036-0607-009

TOTAL Metals

Lot-Sample #...: C7F270370-010

Date Sampled...: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>		<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Prep Batch #...: 7187193						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X811AC
		Dilution Factor: 1		Analysis Time...: 08:33	MS Run #.....: 7187094	
		MDL.....: 0.23				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J1X811AD
		Dilution Factor: 1		Analysis Time...: 08:33	MS Run #.....: 7187094	
		MDL.....: 1.3				

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-010

GC/MS Volatiles

Lot-Sample #....: C7F270370-011    Work Order #....: J1X821AA    Matrix.....: WATER  
Date Sampled....: 06/26/07    Date Received...: 06/27/07    MS Run #.....: 7184332  
Prep Date.....: 07/03/07    Analysis Date...: 07/03/07  
Prep Batch #....: 7184559    Analysis Time...: 23:12  
Dilution Factor: 1  
Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Toluene-d8	99	(88 - 110)
Bromofluorobenzene	101	(86 - 115)
1,2-Dichloroethane-d4	103	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-0607-010

TOTAL Metals

Lot-Sample #...: C7F270370-011

Date Sampled...: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>		<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Prep Batch #...: 7187193						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	JLX821AC
		Dilution Factor: 1		Analysis Time...: 08:38	MS Run #.....: 7187094	
		MDL.....: 0.23				
Lead	58.6	3	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	JLX821AD
		Dilution Factor: 1		Analysis Time...: 08:38	MS Run #.....: 7187094	
		MDL.....: 1.3				

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7F270370  
 MB Lot-Sample #: C7G030000-559

Work Order #...: J2A5L1AA

Matrix.....: WATER

Analysis Date...: 07/03/07  
 Dilution Factor: 1

Prep Date.....: 07/03/07  
 Prep Batch #...: 7184559

Analysis Time...: 17:29

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>
		<u>LIMIT</u>	<u>UNITS</u>	
cis-1,2-Dichloroethene	ND	10	ug/L	OCLP OLM04.2
Toluene	ND	10	ug/L	OCLP OLM04.2
1,1,1-Trichloroethane	ND	10	ug/L	OCLP OLM04.2
Trichloroethene	ND	10	ug/L	OCLP OLM04.2
Vinyl chloride	ND	10	ug/L	OCLP OLM04.2
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
	<u>RECOVERY</u>	<u>LIMITS</u>		
Toluene-d8	99	(88 - 110)		
Bromofluorobenzene	93	(86 - 115)		
1,2-Dichloroethane-d4	101	(76 - 114)		

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7F270370

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>WORK</u> <u>ORDER #</u>
<b>MB Lot-Sample #:</b> C7G060000-193 <b>Prep Batch #...:</b> 7187193						
Cadmium	ND	5.0	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J2EA71AA
		Dilution Factor: 1				
		Analysis Time...: 07:54				
Lead	ND	3.0	ug/L	ICLP ILM04.0/4.1	07/07-07/16/07	J2EA71AC
		Dilution Factor: 1				
		Analysis Time...: 07:54				

**NOTE(S):**

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Calculations are performed before rounding to avoid round-off errors in calculated results.

**LABORATORY CONTROL SAMPLE EVALUATION REPORT**

**GC/MS Volatiles**

Client Lot #...: C7F270370      Work Order #...: J2A5L1AC      Matrix.....: WATER  
 LCS Lot-Sample#: C7G030000-559  
 Prep Date.....: 07/03/07      Analysis Date...: 07/03/07  
 Prep Batch #...: 7184559      Analysis Time...: 19:59  
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Trichloroethene	100	(71 - 120)	OCLP OLM04.2
Toluene	103	(76 - 125)	OCLP OLM04.2
1,1-Dichloroethene	99	(61 - 145)	OCLP OLM04.2
Benzene	103	(76 - 127)	OCLP OLM04.2
Chlorobenzene	105	(75 - 130)	OCLP OLM04.2

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	100	(88 - 110)
Bromofluorobenzene	96	(86 - 115)
1,2-Dichloroethane-d4	104	(76 - 114)

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

**LABORATORY CONTROL SAMPLE EVALUATION REPORT**

**TOTAL Metals**

Client Lot #....: C7F270370

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: C7G060000-193 Prep Batch #...: 7187193					
Cadmium	102	(80 - 120)	ICLP ILM04.0/4.1	07/07-07/16/07	J2EA71AD
		Dilution Factor: 1		Analysis Time...: 08:00	
Lead	102	(80 - 120)	ICLP ILM04.0/4.1	07/07-07/16/07	J2EA71AE
		Dilution Factor: 1		Analysis Time...: 08:00	

**NOTE(S):**

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Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7F270370      Work Order #...: J1X8P1AE-MS      Matrix.....: WATER  
 MS Lot-Sample #: C7F270370-002      J1X8P1AF-MSD  
 Date Sampled...: 06/26/07      Date Received...: 06/27/07      MS Run #.....: 7184332  
 Prep Date.....: 07/03/07      Analysis Date...: 07/03/07  
 Prep Batch #...: 7184559      Analysis Time...: 20:24  
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichloroethene	96	(71 - 120)			OCLP OLM04.2
	99	(71 - 120)	2.9	(0-14)	OCLP OLM04.2
Toluene	101	(76 - 125)			OCLP OLM04.2
	106	(76 - 125)	4.5	(0-13)	OCLP OLM04.2
1,1-Dichloroethene	99	(61 - 145)			OCLP OLM04.2
	100	(61 - 145)	0.84	(0-14)	OCLP OLM04.2
Benzene	98	(76 - 127)			OCLP OLM04.2
	102	(76 - 127)	3.8	(0-11)	OCLP OLM04.2
Chlorobenzene	102	(75 - 130)			OCLP OLM04.2
	106	(75 - 130)	3.9	(0-13)	OCLP OLM04.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	93	(88 - 110)
	99	(88 - 110)
Bromofluorobenzene	86	(86 - 115)
	91	(86 - 115)
1,2-Dichloroethane-d4	100	(76 - 114)
	103	(76 - 114)

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters



MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7F270370  
 Date Sampled...: 06/26/07

Date Received...: 06/27/07

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
<b>MS Lot-Sample #: C7F270370-001 Prep Batch #...: 7187193</b>					
Cadmium	101	(75 - 125)	ICLP ILM04.0/4.1	07/07-07/16/07	J1X791AE
			Dilution Factor: 1	Analysis Time...: 08:05	
			MS Run #.....: 7187094		
Lead	108	(75 - 125)	ICLP ILM04.0/4.1	07/07-07/16/07	J1X791AF
			Dilution Factor: 1	Analysis Time...: 08:05	
			MS Run #.....: 7187094		

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

**SAMPLE DUPLICATE EVALUATION REPORT**

**Metals**

Client Lot #...: C7F270370

Work Order #...: J1X79-SMP  
J1X79-DUP

Matrix.....: WATER

Date Sampled...: 06/26/07

Date Received...: 06/27/07

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u> <u>RESULT</u>	<u>UNITS</u>	<u>RPD</u> <u>RPD</u>	<u>RPD</u> <u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Cadmium	0.47 B	0.56 B	ug/L	17	(0-20)	SD Lot-Sample #: C7F270370-001 ICLP ILM04.0/4.1	07/07-07/16/07	7187193
			Dilution Factor: 1			Analysis Time...: 08:05	MS Run Number...: 7187094	
Lead	ND	1.6 B	ug/L	200	(0-20)	SD Lot-Sample #: C7F270370-001 ICLP ILM04.0/4.1	07/07-07/16/07	7187193
			Dilution Factor: 1			Analysis Time...: 08:05	MS Run Number...: 7187094	

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.