CBS Corporation

Environmental Remediation
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January 6, 2010

William P. Murray, P.E.
Environmental Engineer I
New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999

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

Dear Mr. Murray:

On behalf of the Respondents to the Order on Consent and Settlement Agreement, Index No. B9-0381-91-8 (the "Order"), CBS Corporation (CBS) submits this monthly status report for operation and maintenance (O&M) activities at New York State Department of Environmental Conservation (NYSDEC) Site No. 9-15-066 in Cheektowaga, New York (the "Site"). Under an Agreement among the Respondents, CBS is managing the Remedial Program pursuant to the Order. This report covers activities during December 2009 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

A. On December 11, 2009, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the November 2009 operating period. That status report also transmitted the discharge monitoring data for November 2009.

B. The recovery and treatment system operated throughout December 2009.

C. Conestoga-Rovers & Associates (CRA) conducted routine and non-routine O&M on behalf of CBS, and TestAmerica Laboratories, Inc. provided required analytical laboratory services.

D. On December 7, 2009, CRA conducted well sampling for the semi-annual groundwater monitoring program.

2. Sampling Results and Other Site Data

A. In December 2009, the groundwater system recovered and treated an estimated 47,000 gallons. The lower flow is due to the partial closure of the 001 portion of the groundwater collection system and the reduced capacity of the discharge line from Sump 002 due to plugging from calcium carbonate precipitate.

B. Attachment A provides the discharge monitoring report for December 2009 based on the effluent sample collected on December 22, 2009, 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. The maximum daily flow was calculated from these data.

- The pH data are provided via periodic on-site readings and laboratory analysis of the monthly effluent sample. Effluent pH data are reported only for measurements taken while the treatment pump is operating and the system is actively discharging.

- The reported daily maximum values (pounds per day) are calculated using the maximum (interpolated) daily flow and the results of the monthly effluent monitoring, irrespective of whether the actual maximum daily flow occurred on the day of sampling.

D. For the December 2009 reporting period, the effluent sampling results complied with all discharge limitations.

E. Table 1 presents the results of influent sampling and includes the data from the most recent influent sample collected on December 22, 2009. No flow was observed from Sump 001 at the time of sampling. Accordingly, this latest influent sample is a composite of the influent from the 002 and 003 portions of the system only. Attachment B includes the analytical laboratory report for this influent sample.

F. Table 2 presents the results of quarterly monitoring of well MW-32 located in Area P at the northern portion of the Site, including the most recent sample

collected on December 7, 2009. Attachment C includes the analytical laboratory report for this monitoring well sample.

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

H. Table 3 provides the data from the semi-annual groundwater monitoring of the nine wells located in the central and southern portion of the Site, including well MW-35 recently installed downgradient of Sump 001. As has been typical throughout the period of groundwater monitoring, the groundwater shows no detectable concentrations of the VOCs for which remedial action objectives (RAOs) were established in the December 1995 ROD. In this latest round of sampling, cadmium and lead concentrations in all wells were likewise below RAOs.

I. 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. CBS will continue required O&M activities.

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

C. After closing MH-002-09, and MH-002-10, CRA will conduct additional water level measurements, surface water monitoring, and groundwater monitoring per the *Revised Work Plan* (Rev. 1, November 7, 2008).

4. Operational Problems

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

B. Previously reported operational problems associated system inflows are lessening with the minimal flows associated with Sump 001 now that the 001 portion of the groundwater collection system has been partially closed.

C. The post-closure monitoring data indicate that the Phase 1 closure of the 001 groundwater collection system has effectively addressed the previously observed high water levels at Sump 001, which had led to periodic overtopping of that manhole. The ongoing periodic overtopping at Sump 002 will be addressed through the partial closure of that portion of the groundwater collection system.

D. The Phase 1 closure of the 002 system is also expected to reduce the conveyance of groundwater containing VOCs compounds via storm sewers installed by the Niagara Frontier Transportation Authority as part of airport development.

* * * *

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

Date of Sampling	Outfall	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
08/21/00	Composite	200 U	200 U	200 U	**3,100**	200 U	**1.5**	NA
08/29/00	Composite	200 U	200 U	200 U	**8,500**	200 U	**0.7**	NA
09/06/00	Composite	200 U	200 U	200 U	**4,100**	200 U	0.7 U	NA
09/13/00	Composite	400 U	400 U	400 U	**9,600**	400 U	**1.6**	NA
09/20/00	Composite	**54 J**	100 U	100 U	**2,500**	100 U	0.6 U	NA
09/27/00	Composite	100 U	100 U	100 U	**2,200**	100 U	**0.68 B**	NA
10/04/00	Composite	**60 J**	100 U	100 U	**2,500**	100 U	**0.69 B**	NA
10/10/00	Composite	**23 J**	25 U	25 U	**430**	25 U	0.5 U	NA
03/29/01	Composite	**9.1 J**	10 U	**1.4 J**	**16**	10 U	**1.5**	2.5 U
06/26/01	001	**25**	4.5 U	**0.9 J**	**37**	4.5 U	**448**	NA
06/26/01	002	**16**	4.5 U	**2.3 J**	**280**	4.5 U	3.0 U	NA
06/26/01	003	**510**	4.5 U	**4.5 J**	**1,700**	4.5 U	3.0 U	NA
09/29/01	Comp - Perm	**18**	25 U	**4 J**	**8.3 J**	10 U	0.25 U	**7.4**
09/29/01	Comp - Temp	**14 J**	25 U	25 U	**350**	25 U	0.25 U	**8.7**
12/21/01	Composite	**14**	10 U	10 U	**130**	10 U	**1.7**	4.1 U
03/14/02	Composite	**18**	10 U	10 U	**130**	10 U	**0.29**	**4.5**
10/15/02	Composite	**11.3**	**530**	**9.0**	**990**	**16**	5 U	NA
12/15/02	Composite	**7.3**	**19**	**0.16**	**46**	**1.3**	**8.4**	50 U
03/15/03	Composite	**7.8**	**14**	**1.0**	**29**	NA	**21**	3 U
06/11/03	Composite	**11.0**	**130**	**64**	**570**	25 U	**4.2**	**5.5**
09/09/03	Composite	**8.6**	**290**	25 U	**620**	**15**	**3.0**	**3.5**
12/10/03	Composite	**8.6**	**54**	25 U	**430**	25 U	**2.5**	**3.0**
03/12/04	Composite	**7.7**	**51**	2.0 U	**3.9**	2.0 U	**1.4**	**1.6**
06/09/04	Composite	**8.3**	**54**	40 U	**650**	40 U	**1.8**	**6.8**
09/13/04	Composite	**10.3**	**98**	10 U	**250**	10 U	**1.8**	**2.2**
12/13/04	Composite	**140**	**4.4 J**	20 U	**470**	20 U	**0.81 B**	**1.6 B**

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

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

Data Legend :

"NA" - indicates not analyzed

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

Organic data qualifiers:

U - not detected at indicated detection limit

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

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

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
05/11/00	**1,500**	5 U	5 U	**3,700**	**540**	1.0 U	3.0 U
12/01/00	**2,200**	5 U	5 U	**1,200**	**110**	1.0 U	10 U
12/01/00 (Dup)	**2,300**	10 U	10 U	**1,900**	**230 J**	NA	NA
03/30/01	**1,600**	100 U	100 U	**650**	**340**	0.41 U	2.47 U
03/30/01 (Dup)	**1,500**	100 U	100 U	**610**	**310**	0.41 U	2.47 U
06/21/01	**2,800**	250 U	250 U	**4,100**	**890**	0.85 U	1.21 U
06/21/01 (Dup)	**2,700**	250 U	250 U	**4,000**	**830**	0.85 U	1.21 U
09/13/01	**4,000**	250 U	250 U	**2,900**	**1,000**	**0.70 B**	2.1 U
09/13/01 (Dup)	**4,100**	250 U	250 U	**2,800**	**1,100**	**0.83 B**	2.8 U
12/13/01	**2,300**	200 U	200 U	**2,500**	**590**	0.44 U	3.7 U
12/31/01 (Dup)	**2,200**	200 U	200 U	**2,400**	**560**	0.44 U	2.0 U
03/14/02	**560**	250 U	250 U	**730**	**98**	0.17 U	2.03 U
03/14/02 (Dup)	**570**	250 U	250 U	**710**	**100**	0.17 U	2.03 U
07/10/02	**1,200**	NA	NA	**2,000**	**190**	NA	NA
12/31/02	**480**	NA	50 U	**530**	**66**	**0.34 B**	**4.9**
12/31/02 (Dup)	**510**	NA	50 U	**580**	**77**	0.29 U	**4.7**
03/29/03	**1,000**	80 U	80 U	**740**	**150**	5.0 U	3.0 U
06/17/03	**1,100**	200 U	200 U	**2,400**	**130 J**	**0.34 B**	**4.9**
06/17/03 (Dup)	**1,100**	100 U	100 U	**1,700**	**110**	5.0 U	3.0 U
09/26/03	**2,800**	100 U	100 U	**8,100**	**310 J**	5.0 U	3.0 U
12/22/03	**1,000**	100 U	100 U	**1,300**	**97 J**	0.38 U	**1.1 B**
03/29/04	**460**	10 U	10 U	**570**	**20 J**	0.37 U	1.4 U
06/30/04	**620**	200 U	200 U	**1,900**	200 U	0.29 U	1.5 U
09/13/04	**2,100**	200 U	200 U	**2,900**	**130 J**	5.0 U	**1.8 B**
12/17/04	**640**	10 U	10 U	**420**	**45**	5.0 U	3.0 U
12/17/04 (Dup)	**760**	50 U	50 U	**790**	**50 J**	5.0 U	**2.3 B**
03/31/05	**570**	50 U	50 U	**680**	**49 J**	5.0 U	3.0 U
06/22/05	**540**	10 U	10 U	**810**	**100**	5.0 U	3.0 U
06/22/05 (Dup)	**1,100**	100 U	100 U	**880**	**140**	5.0 U	3.0 U
09/09/05	**1,400**	330 U	330 U	**1,700**	**96 J**	5.0 U	3.0 U
12/14/05	**900**	10 U	10 U	**700**	**56**	5.0 U	3.0 U
12/14/05 (Dup)	**1,200**	100 U	100 U	**750**	**68 J**	5.0 U	3.0 U

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

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
03/23/06	**350**	30 U	30 U	**290**	**36**	5.0 U	3.0 U
06/13/06	**410**	50 U	50 U	**440**	**13 J**	5.0 U	3.0 U
06/13/06 (Dup)	**540**	50 U	50 U	**880**	**51**	5.0 U	3.0 U
09/11/06	**1,400**	150 U	150 U	**2,000**	**85 J**	**0.34 B**	**4.9**
12/12/06	**290**	40 U	40 U	**67**	**42 J**	5.0 U	**1.2 B**
12/12/06 (Dup)	**590**	50 U	50 U	**240**	**75 J**	5.0 U	**3.1**
03/27/07	**380**	10 U	10 U	**22**	**36 J**	5.0 U	**2.4 B**
06/26/07	**1,700**	150 U	150 U	**23 J**	**710**	5.0 U	**1.5 B**
09/17/07	**2,500**	150 U	150 U	**410**	**140**	5.0 U	**1.5 B**
12/19/07	**1,500**	150 U	150 U	**160**	**200**	**0.29 B**	**3.0**
12/19/07 (Dup)	**1,500**	100 U	100 U	**170**	**200**	5.0 U	3.0 U
03/19/08	**530**	40 U	40 U	**110**	**53**	**0.38 B**	**2.2 B**
06/26/08	**520**	50 U	50 U	**310**	**27 J**	5.0 U	1.4 U
09/30/08	**420**	50 U	50 U	**120**	**48**	5.0 U	1.4 U
12/11/08	**200**	20 U	20 U	**200**	**9.9 J**	5.0 U	**5.4**
12/11/08 (Dup)	**170**	10 U	10 U	**180**	**9.0 J**	5.0 U	**3.5**
03/05/09	**280**	20 U	20 U	**170**	**25**	**0.090 B**	**4.1**
06/22/09	**430**	40 U	40 U	**590**	**22 J**	5.0 U	**1.6 B**
06/22/09 (Dup)	**410**	40 U	40 U	**540**	**24 J**	5.0 U	**3.4**
09/10/09	**320**	25 U	25 U	**330**	**26**	5.0 U	**3.8**
12/07/09	**390**	50 U	50 U	**370**	**17 J**	5.0 U	**2.5 B**
12/07/09 (Dup)	**380**	50 U	50 U	**370**	**16 J**	5.0 U	**1.1 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 3
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-2	05/04/00	5 U	5 U	5 U	5 U	**1.6 J**	**1.3**	**3.0 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	**2.0 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	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	**4.1**
	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	**2.4 B**
	12/12/06	1 U	1 U	1 U	1 U	1 U	5.0 U	**4.3**
	06/26/07	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/19/07	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/26/08	1 U	1 U	1 U	1 U	1 U	5.0 U	**5.6**
	12/11/08	1 U	1 U	1 U	1 U	1 U	5.0 U	**3.2**
	06/22/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**1.7 B**
	12/07/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**1.5 B**
MW-5	05/11/00	5 U	5 U	5 U	**5.0**	5 U	0.70 U	**18.0**
	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	**7.1 J**	10 U	**1.1**	**14.3**
	06/21/01	10 U	10 U	10 U	**4.1 J**	10 U	0.85 U	1.21 U
	09/13/01	10 U	10 U	10 U	**1.5 J**	10 U	**1.2**	**14.7**
	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	**0.29 B**	3.20 U
	12/31/02	10 U	NA	10 U	10 U	10 U	**0.57 B**	**5.0**

Table 3
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-5 (cont'd)	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	**6.1**
	06/30/04	1 U	1 U	1 U	1 U	1 U	**1.0 B**	**44.5**
	12/17/04	1 U	1 U	1 U	1 U	1 U	**0.43 B**	**17.2**
	06/22/05	1 U	1 U	1 U	**1.1 J**	1 U	**0.23 B**	**35.1**
	12/14/05	1 U	1 U	1 U	1 U	1 U	5.0 U	**9.4**
	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	**1.8 B**
	12/19/07	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/26/08	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/11/08	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/22/09	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/07/09	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
MW-28	05/04/00	5 U	5 U	5 U	5 U	5 U	**1.5**	**3.1 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	**7.0**
	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	**8.8**
	12/31/02	10 U	NA	10 U	10 U	10 U	0.29 U	**4.7 B**
	06/17/03	1 U	1 U	1 U	1 U	1 U	5.0 U	**1.4 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	**35.0**
	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	**36.8**
	12/15/05	1 U	1 U	1 U	1 U	1 U	5.0 U	**12.3**
	06/13/06	1 U	1 U	1 U	1 U	1 U	5.0 U	**36.5**
	12/12/06	1 U	1 U	1 U	1 U	1 U	5.0 U	**43.1**
	06/26/07	1 U	1 U	1 U	1 U	1 U	5.0 U	**58.6**

Table 3
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-28 (cont'd)	12/19/07	1 U	1 U	1 U	1 U	1 U	**0.72 B**	**64.7**
	06/26/08	1 U	1 U	1 U	1 U	1 U	5.0 U	**8.2**
	12/11/08	1 U	1 U	1 U	1 U	1 U	5.0 U	**4.6**
	06/22/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**4.6**
	12/07/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**19.2**
MW-30	05/04/00	5 U	5 U	5 U	5 U	5 U	**3.0**	**11.8**
	11/30/00	NA	5 U	5 U	5 U	5 U	1.0 U	10 U
	03/29/01	10 U	10 U	10 U	10 U	10 U	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	**0.60 B**	**2.7 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	**0.59 B**	**3.7**
	12/31/02	10 U	10 U	10 U	10 U	10 U	**1.60 B**	**9.4**
	06/18/03	1 U	1 U	1 U	1 U	1 U	**0.47 B**	**4.3**
	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
	01/05/05	1 U	1 U	1 U	1 U	1 U	5.0 U	**2.8 B**
	06/22/05	1 U	1 U	1 U	1 U	1 U	**2.4 B**	**27.5**
	12/14/05	1 U	1 U	1 U	1 U	1 U	**0.90 B**	**5.9**
	06/13/06	1 U	1 U	1 U	1 U	1 U	**1.9 B**	**14.7**
	12/12/06	1 U	1 U	1 U	1 U	1 U	**0.91 B**	**12.1**
	06/26/07	1 U	1 U	1 U	1 U	1 U	**1.7 B**	**17.8**
	12/19/07	1 U	1 U	1 U	1 U	1 U	**0.65 B**	**15.4**
	06/26/08	1 U	1 U	1 U	1 U	1 U	**1.4 B**	**15.4**
	12/11/08	1 U	1 U	**1.1 J**	1 U	1 U	**0.55 B**	**11.5**
	06/22/09	1 U	1 U	1 U	1 U	1 U	**2.6 B**	**29.7**
	09/10/09	1 U	1 U	1 U	1 U	1 U	**0.63 B**	**10.0**
	12/07/09	1 U	1 U	1 U	1 U	1 U	**1.4 B**	**14.0**

Table 3
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-31	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	**0.27 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	**0.55 B**	**3.4**
	12/31/02	10 U	NA	10 U	10 U	10 U	0.29 U	**2.9 B**
	06/17/03	1 U	1 U	1 U	1 U	1 U	5.0 U	**8.1**
	12/22/03	1 U	1 U	1 U	1 U	1 U	5.0 U	**13.2**
	06/30/04	1 U	1 U	1 U	1 U	1 U	**0.38 B**	**11.0**
	12/17/04	1 U	1 U	1 U	1 U	1 U	5.0 U	**2.0 B**
	06/22/05	1 U	1 U	1 U	1 U	1 U	**1.1 B**	**38.2**
	12/15/05	1 U	1 U	1 U	1 U	1 U	**0.58 B**	**3.9**
	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	**2.4 B**
	06/26/07	1 U	1 U	1 U	1 U	1 U	**1.1 B**	**23.1**
	12/19/07	1 U	1 U	1 U	1 U	1 U	**6.2**	**116**
	06/27/08	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/11/08	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	06/22/09	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	09/10/09	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/07/10	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
MW-33	05/11/00	NA	5 U	**1.3 J**	5 U	5 U	**1.3**	3.0 U
	12/01/00	NA	5 U	**35**	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
	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

Table 3
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-33 (cont'd)	06/18/03	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	**1.2 B**	**15.0**
	06/15/04	1 U	1 U	1 U	1 U	1 U	5.0 U	**7.4**
	12/17/04	1 U	1 U	1 U	1 U	1 U	5.0 U	**2.5 B**
	06/22/05	1 U	1 U	1 U	1 U	1 U	5.0 U	**1.9 B**
	12/14/05	**23**	1 U	1 U	**16**	**1.5 J**	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	**2.7 B**
	06/26/07	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/19/07	1 U	1 U	1 U	1 U	1 U	5.0 U	**2.6 B**
	06/26/08	1 U	1 U	1 U	1 U	1 U	5.0 U	**2.3 B**
	12/11/08	1 U	1 U	1 U	1 U	1 U	5.0 U	**3.2**
	06/22/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**4.5**
	12/07/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**2.3 B**
MW-34	05/06/00	5 U	5 U	10 U	5 U	5 U	**1.2**	**3.8 B**
	11/30/00	5 U	5 U	35 U	5 U	5 U	**2.1**	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	**2.8 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	**2.3 B**
	06/15/04	1 U	1 U	1 U	1 U	1 U	**0.29 B**	**4.1**
	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	**5.4**
	12/14/05	1 U	1 U	1 U	1 U	1 U	**0.41 B**	**6.5**

Table 3
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-34 (cont'd)	06/13/06	1 U	1 U	1 U	1 U	1 U	5.0 U	**2.7 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
	12/19/07	1 U	1 U	1 U	1 U	1 U	5.0 U	**4.3**
	06/26/08	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/11/08	1 U	1 U	1 U	1 U	1 U	5.0 U	**3.2**
	06/22/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**1.9 B**
	09/10/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**3.1**
	12/07/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**1.4 B**
MW-34D	05/06/00	5 U	5 U	5 U	5 U	5 U	**1.2**	**3.1 B**
	11/30/00	5 U	5 U	5 U	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	**2.2 J**	10 U	**1.1 J**	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	**2.3 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	**12.8**
	06/15/04	1 U	1 U	1 U	1 U	1 U	5.0 U	**3.9**
	01/05/05	1 U	1 U	1 U	1 U	1 U	5.0 U	**1.7 B**
	06/22/05	1 U	1 U	1 U	1 U	1 U	5.0 U	**9.8**
	12/14/05	1 U	1 U	1 U	1 U	1 U	5.0 U	**2.6 B**
	06/13/06	1 U	1 U	1 U	1 U	1 U	**1.7 B**	3.0 U
	12/12/06	1 U	1 U	1 U	1 U	1 U	5.0 U	**7.0**
	06/26/07	1 U	1 U	1 U	1 U	1 U	**0.47 B**	3.0 U
	06/26/07	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/19/07	1 U	1 U	1 U	1 U	1 U	**0.31 B**	**2.4 B**

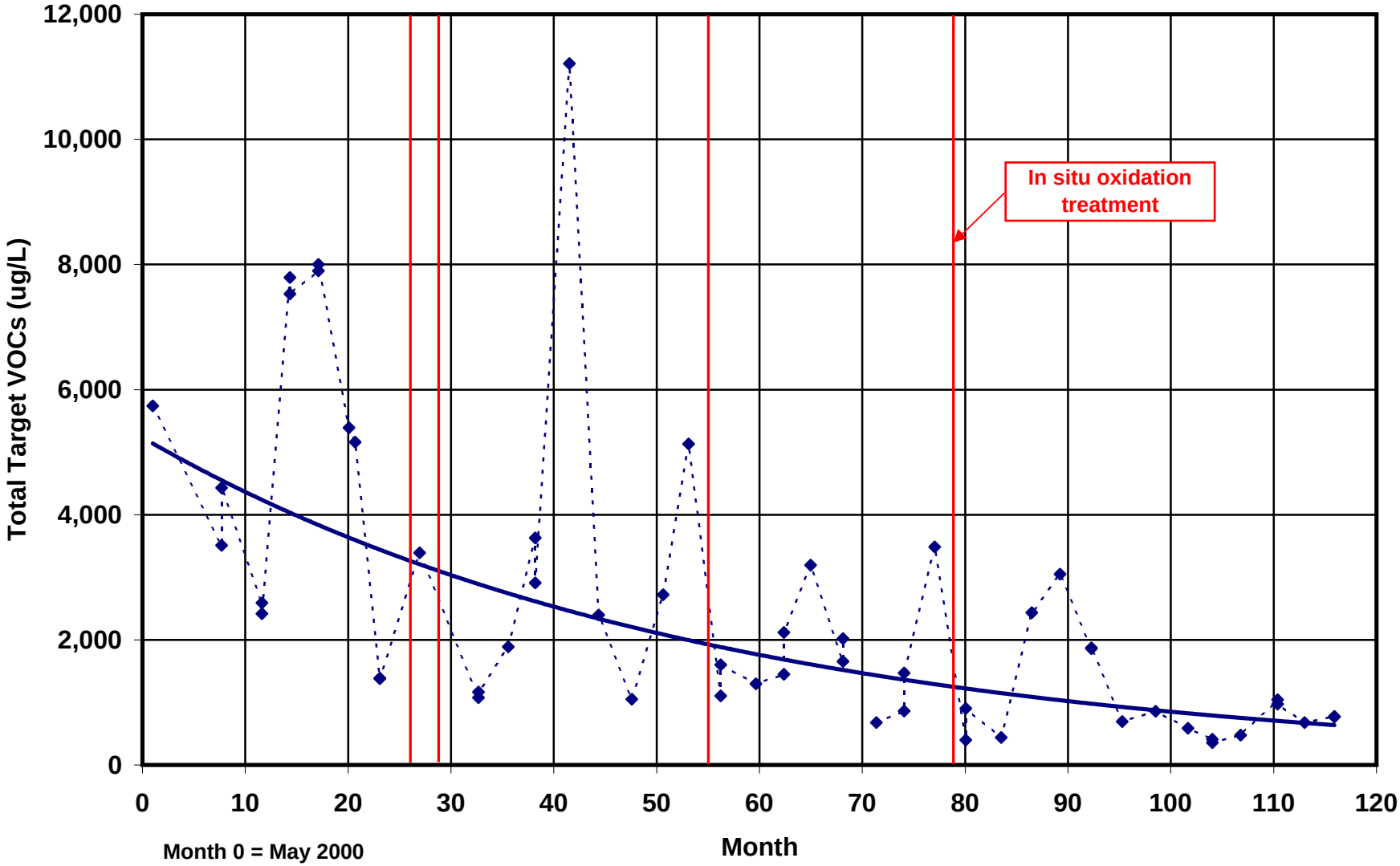
Table 3
Summary of Groundwater Monitoring Data
Selected Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-34D (cont'd)	06/26/08	1 U	1 U	1 U	1 U	1 U	5.0 U	3.0 U
	12/11/08	1 U	1 U	1 U	1 U	1 U	**0.23 B**	**2.4 B**
	06/22/09	1 U	1 U	1 U	1 U	1 U	**0.37 B**	3.0 U
	09/10/09	1 U	1 U	1 U	1 U	1 U	**0.16 B**	3.0 U
	12/07/09	1 U	1 U	1 U	1 U	1 U	**0.38 B**	3.0 U
MW-35	09/10/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**2.1 B**
	12/07/09	1 U	1 U	1 U	1 U	1 U	5.0 U	**2.0 B**

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
DECEMBER 2009

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

Reporting Month & Year **Dec-09**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**2,440**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**6.88**	**8.20**	**s.u.**		**6**	**Grab**
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		**< 4.0**	**mg/L**	**< 0.1**	**1**	**Grab**
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**< 0.15**	**ug/L**	**< 0.000003**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**2.1**	**ug/L**	**0.000043**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

ANALYTICAL LABORATORY REPORT
INFLUENT AND EFFLUENT SAMPLING

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C9L230506

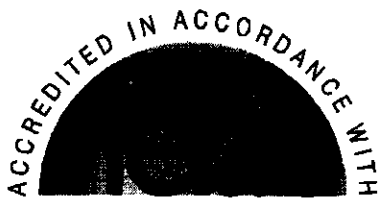
Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

January 5, 2010



NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. 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
US Dept of Agriculture	(#P330-07-00101)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW	X
		HW	X
California – NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida – NELAC	(#E871008-04)	WW	X
		HW	X
Illinois – NELAC	(#002064)	WW	X
		HW	X
Kansas – NELAC	(#E-10350)	WW	X
		HW	X
Louisiana – NELAC	(#04041)	WW	X
		HW	X
New Hampshire – NELAC	(#203008)	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
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014002)	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: 2/5/2009 C:\Documents and Settings\derubeisn\My Documents\NELAC NARRATIVE Pttsburgh.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C9L230506

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on December 23, 2009. 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's North Canton laboratory performed the 624 analysis. All results are included in the report.

Due to the concentration of target compounds detected, sample IFF was analyzed at a dilution.

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 "B" qualifier.

The matrix spike recovered outside of the control limits for several compounds.

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.

CHAIN OF CUSTODY RECORD

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

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 018036
Buffalo Viacom

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

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: Gas Vocs	pH TSS	Cd Cr	pH						REMARKS
	12/22/09	1040	EFF	water	5	3	1	1							
	12/22/09	1040	EFF	water	5	3		1	1						

TOTAL NUMBER OF CONTAINERS: 10

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① [signature]	DATE: 12-22-09 TIME: 1040	RECEIVED BY: ①	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③ [signature]	DATE: 12/23/09 TIME: 12:55

METHOD OF SHIPMENT: WAY BILL No.

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

SAMPLE TEAM: [signature]

RECEIVED FOR LABORATORY BY:
DATE: TIME:

No. CRA 15311

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

METHODS SUMMARY

C9L230506

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
pH (Electrometric)	SM20 4500-H+B	SM20 4500-H B
Purgeables	CFR136A 624	SW846 5030B
Total Suspended Solids SM 2540 D	SM20 2540D	SM20 2540D
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.

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SAMPLE SUMMARY

C9L230506

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LRJ7V	001	EFF	12/22/09	10:40
LRJ76	002	IFF	12/22/09	10:40

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.

Leo Brausch Consulting

Client Sample ID: EFF

GC/MS Volatiles

Lot-Sample #...: C9L230506-001 **Work Order #...:** LRJ7V1AD **Matrix.....:** WATER
Date Sampled...: 12/22/09 **Date Received..:** 12/23/09 **MS Run #.....:** 9363201
Prep Date.....: 12/29/09 **Analysis Date..:** 12/29/09
Prep Batch #...: 9363380 **Analysis Time..:** 04:34
Dilution Factor: 1

Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(80 - 125)
Toluene-d8	102	(84 - 110)
Bromofluorobenzene	100	(81 - 112)

Leo Brausch Consulting

Client Sample ID: IFF

GC/MS Volatiles

Lot-Sample #...: C9L230506-002 **Work Order #...:** LRJ761AE **Matrix.....:** WATER
Date Sampled...: 12/22/09 **Date Received..:** 12/23/09 **MS Run #.....:** 9363201
Prep Date.....: 12/29/09 **Analysis Date..:** 12/29/09
Prep Batch #...: 9363380 **Analysis Time..:** 14:35
Dilution Factor: 2

Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	2.0	ug/L	0.26
cis-1,2-Dichloroethene	**19**	**2.0**	**ug/L**	**0.34**
Methylene chloride	ND	2.0	ug/L	0.66
Tetrachloroethene	ND	2.0	ug/L	0.58
Toluene	ND	2.0	ug/L	0.26
Trichloroethene	**120**	**2.0**	**ug/L**	**0.34**
1,1,1-Trichloroethane	**0.51 J**	**2.0**	**ug/L**	**0.44**
Vinyl chloride	**1.1 J**	**2.0**	**ug/L**	**0.44**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(80 - 125)
Toluene-d8	104	(84 - 110)
Bromofluorobenzene	99	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9L230506 **Work Order #...:** LRPLH1AA **Matrix.....:** WATER
MB Lot-Sample #: A9L290000-380

Prep Date.....: 12/28/09 **Analysis Time..:** 17:11
Analysis Date..: 12/28/09 **Prep Batch #...:** 9363380
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
Methylene chloride	**0.81 J**	**1.0**	**ug/L**	**CFR136A 624**
Tetrachloroethene	ND	1.0	ug/L	CFR136A 624
Toluene	ND	1.0	ug/L	CFR136A 624
Trichloroethene	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	ND	1.0	ug/L	CFR136A 624
1,1,1-Trichloroethane	ND	1.0	ug/L	CFR136A 624
Vinyl chloride	ND	1.0	ug/L	CFR136A 624

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(80 - 125)
Toluene-d8	107	(84 - 110)
Bromofluorobenzene	102	(81 - 112)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9L230506 **Work Order #...:** LRPLH1AC **Matrix.....:** WATER
LCS Lot-Sample#: A9L290000-380
Prep Date.....: 12/28/09 **Analysis Date..:** 12/28/09
Prep Batch #...: 9363380 **Analysis Time..:** 16:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	98	(18 - 190)	CFR136A 624
Methylene chloride	80	(10 - 221)	CFR136A 624
Tetrachloroethene	113	(64 - 148)	CFR136A 624
Toluene	100	(47 - 150)	CFR136A 624
Trichloroethene	114	(71 - 157)	CFR136A 624
Benzene	102	(37 - 151)	CFR136A 624
Bromodichloromethane	114	(35 - 155)	CFR136A 624
Bromoform	86	(45 - 169)	CFR136A 624
Bromomethane	49	(10 - 242)	CFR136A 624
Carbon tetrachloride	110	(70 - 140)	CFR136A 624
Chlorobenzene	98	(37 - 160)	CFR136A 624
Chloroethane	55	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	92	(10 - 305)	CFR136A 624
Chloroform	110	(51 - 138)	CFR136A 624
Chloromethane	95	(10 - 273)	CFR136A 624
Dibromochloromethane	92	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	97	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	95	(18 - 190)	CFR136A 624
1,1-Dichloroethane	109	(59 - 155)	CFR136A 624
1,2-Dichloroethane	101	(49 - 155)	CFR136A 624
1,1-Dichloroethene	97	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	101	(54 - 156)	CFR136A 624
1,2-Dichloropropane	99	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	107	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	101	(17 - 183)	CFR136A 624
Ethylbenzene	97	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	93	(46 - 157)	CFR136A 624
1,1,2-Trichloroethane	97	(52 - 150)	CFR136A 624
Trichlorofluoromethane	94	(17 - 181)	CFR136A 624
1,1,1-Trichloroethane	106	(52 - 162)	CFR136A 624
Vinyl chloride	80	(10 - 251)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9L230506 **Work Order #...:** LRPLH1AC **Matrix.....:** WATER
LCS Lot-Sample#: A9L290000-380

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(80 - 125)
Toluene-d8	106	(84 - 110)
Bromofluorobenzene	101	(81 - 112)

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

GC/MS Volatiles

Lot-Sample #...: C9L230506 **Work Order #...:** LRJ7V1AQ **Matrix.....:** WATER
MS Lot-Sample #: C9L230506-001
Date Sampled...: 12/22/09 **Date Received..:** 12/23/09
Prep Date.....: 12/29/09 **Analysis Date..:** 12/29/09
Prep Batch #...: 9363380 **MS Run #.....:** 9363201
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	**98**	**(90 - 115)**	**CFR136A 624**
Methylene chloride	**77 a**	**(78 - 131)**	**CFR136A 624**
Tetrachloroethene	**112**	**(81 - 112)**	**CFR136A 624**
Toluene	**104**	**(87 - 112)**	**CFR136A 624**
Trichloroethene	**118 a**	**(85 - 114)**	**CFR136A 624**
Benzene	**107**	**(90 - 114)**	**CFR136A 624**
Bromodichloromethane	**105**	**(78 - 123)**	**CFR136A 624**
Bromoform	**80**	**(40 - 141)**	**CFR136A 624**
Bromomethane	**47**	**(42 - 160)**	**CFR136A 624**
Carbon tetrachloride	**110**	**(61 - 129)**	**CFR136A 624**
Chlorobenzene	**102**	**(90 - 113)**	**CFR136A 624**
Chloroethane	**57**	**(56 - 133)**	**CFR136A 624**
2-Chloroethyl vinyl ether	**0.0 a**	**(10 - 185)**	**CFR136A 624**
Chloroform	**114**	**(90 - 118)**	**CFR136A 624**
Chloromethane	**93**	**(37 - 127)**	**CFR136A 624**
Dibromochloromethane	**85**	**(65 - 123)**	**CFR136A 624**
1,3-Dichlorobenzene	**101**	**(90 - 111)**	**CFR136A 624**
1,4-Dichlorobenzene	**96**	**(90 - 112)**	**CFR136A 624**
1,1-Dichloroethane	**113**	**(90 - 114)**	**CFR136A 624**
1,2-Dichloroethane	**106**	**(90 - 123)**	**CFR136A 624**
1,1-Dichloroethene	**97**	**(83 - 129)**	**CFR136A 624**
trans-1,2-Dichloroethene	**100**	**(85 - 116)**	**CFR136A 624**
1,2-Dichloropropane	**104**	**(87 - 119)**	**CFR136A 624**
cis-1,3-Dichloropropene	**103**	**(77 - 115)**	**CFR136A 624**
trans-1,3-Dichloropropene	**100**	**(71 - 114)**	**CFR136A 624**
Ethylbenzene	**100**	**(88 - 111)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**91**	**(77 - 133)**	**CFR136A 624**
1,1,2-Trichloroethane	**99**	**(89 - 123)**	**CFR136A 624**
Trichlorofluoromethane	**87**	**(62 - 110)**	**CFR136A 624**
1,1,1-Trichloroethane	**109**	**(82 - 119)**	**CFR136A 624**
Vinyl chloride	**80**	**(50 - 119)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(80 - 125)
Toluene-d8	107	(84 - 110)
Bromofluorobenzene	101	(81 - 112)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C9L230506 **Work Order #...:** LRJ7V1AQ **Matrix.....:** WATER
MS Lot-Sample #: C9L230506-001

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.

Leo Brausch Consulting

Client Sample ID: EFF

TOTAL Metals

Lot-Sample #...: C9L230506-001 **Matrix.....:** WATER
Date Sampled...: 12/22/09 **Date Received..:** 12/23/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9358052						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	12/24-12/29/09	LRJ7V1AA
		Dilution Factor: 1		Analysis Time..: 02:29	MS Run #.....: 9358027	
		MDL.....: 0.15				
Chromium	**2.1 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**12/24-12/29/09**	**LRJ7V1AC**
		Dilution Factor: 1		Analysis Time..: 02:29	MS Run #.....: 9358027	
		MDL.....: 0.51				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: IFF

TOTAL Metals

Lot-Sample #...: C9L230506-002 **Matrix.....:** WATER
Date Sampled...: 12/22/09 **Date Received..:** 12/23/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9358052						
Cadmium	**0.56 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**12/24-12/29/09**	**LRJ761AG**
		Dilution Factor: 1		Analysis Time..: 02:48	MS Run #.....: 9358027	
		MDL.....: 0.15				
Chromium	**7.2**	**5.0**	**ug/L**	**MCAWW 200.7**	**12/24-12/29/09**	**LRJ761AJ**
		Dilution Factor: 1		Analysis Time..: 02:48	MS Run #.....: 9358027	
		MDL.....: 0.51				
Lead	**1.9 B**	**3.0**	**ug/L**	**MCAWW 200.7**	**12/24-12/29/09**	**LRJ761AH**
		Dilution Factor: 1		Analysis Time..: 02:48	MS Run #.....: 9358027	
		MDL.....: 1.2				

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9L230506 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C9L240000-052 **Prep Batch #...:** 9358052						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	12/24-12/29/09	LRLDG1AA
		Dilution Factor: 1				
		Analysis Time..: 02:20				
Chromium	ND	5.0	ug/L	MCAWW 200.7	12/24-12/29/09	LRLDG1AC
		Dilution Factor: 1				
		Analysis Time..: 02:20				
Lead	ND	3.0	ug/L	MCAWW 200.7	12/24-12/29/09	LRLDG1AF
		Dilution Factor: 1				
		Analysis Time..: 02:20				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9L230506 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C9L240000-052 **Prep Batch #...:** 9358052					
Cadmium	98	(85 - 115)	MCAWW 200.7	12/24-12/29/09	LRLDG1AD
		Dilution Factor: 1	Analysis Time..: 02:25		
Chromium	94	(85 - 115)	MCAWW 200.7	12/24-12/29/09	LRLDG1AE
		Dilution Factor: 1	Analysis Time..: 02:25		
Lead	95	(85 - 115)	MCAWW 200.7	12/24-12/29/09	LRLDG1AG
		Dilution Factor: 1	Analysis Time..: 02:25		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9L230506 **Matrix.....:** WATER
Date Sampled...: 12/22/09 **Date Received..:** 12/23/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9L230506-001 **Prep Batch #...:** 9358052							
Cadmium	98	(70 - 130)			MCAWW 200.7	12/24-12/29/09	LRJ7V1AH
	99	(70 - 130)	0.44	(0-20)	MCAWW 200.7	12/24-12/29/09	LRJ7V1AJ
		Dilution Factor: 1					
		Analysis Time..: 02:39					
		MS Run #.....: 9358027					
Chromium	93	(70 - 130)			MCAWW 200.7	12/24-12/29/09	LRJ7V1AK
	94	(70 - 130)	0.86	(0-20)	MCAWW 200.7	12/24-12/29/09	LRJ7V1AL
		Dilution Factor: 1					
		Analysis Time..: 02:39					
		MS Run #.....: 9358027					

NOTE(S):

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

Leo Brausch Consulting

Client Sample ID: EFF

General Chemistry

Lot-Sample #...: C9L230506-001 **Work Order #...:** LRJ7V **Matrix.....:** WATER
Date Sampled...: 12/22/09 **Date Received..:** 12/23/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.2**	--	--	**SM20 4500-H+B**	**12/23/09**	**9357375**
		Dilution Factor: 1		Analysis Time..: 19:34	MS Run #.....: 9357228	
		MDL.....: 0.0				
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	12/24/09	9358061
		Dilution Factor: 1		Analysis Time..: 14:15	MS Run #.....: 9358034	
		MDL.....: 2.0				

Leo Brausch Consulting

Client Sample ID: IFF

General Chemistry

Lot-Sample #...: C9L230506-002 **Work Order #...:** LRJ76 **Matrix.....:** WATER
Date Sampled...: 12/22/09 **Date Received..:** 12/23/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**10.6**	--	--	**SM20 4500-H+B**	**12/23/09**	**9357375**
		Dilution Factor: 1		Analysis Time..: 19:38	MS Run #.....: 9357228	
		MDL.....: 0.0				

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C9L230506 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: LRLDT1AA		MB Lot-Sample #:	C9L240000-061	
	ND	4.0	mg/L	SM20 2540D	12/24/09	9358061
		Dilution Factor: 1				
		Analysis Time..: 14:15				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C9L230506 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: LRKHE1AA	LCS Lot-Sample#: C9L230000-375		
	100	(99 - 101)	SM20 4500-H+B	12/23/09	9357375
		Dilution Factor: 1	Analysis Time..: 19:32		
Total Suspended Solids		Work Order #: LRLDT1AC	LCS Lot-Sample#: C9L240000-061		
	99	(80 - 120)	SM20 2540D	12/24/09	9358061
		Dilution Factor: 1	Analysis Time..: 14:15		

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9L230506 **Work Order #...:** LRJ7V-SMP LRJ7V-DUP **Matrix.....:** WATER

Date Sampled...: 12/22/09 **Date Received..:** 12/23/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C9L230506-001		
	8.2	8.3	--	0.36	(0-2.0)	SM20 4500-H+B	12/23/09	9357375

Dilution Factor: 1 Analysis Time..: 19:34 MS Run Number..: 9357228

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9L230506 **Work Order #...:** LRJLW-SMP LRJLW-DUP **Matrix.....:** WATER

Date Sampled...: 12/22/09 **Date Received..:** 12/23/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C9L230421-001		
	276	278	mg/L	0.72	(0-20)	SM20 2540D	12/24/09	9358061

Dilution Factor: 5 Analysis Time..: 14:15 MS Run Number..: 9358034

ATTACHMENT C

ANALYTICAL LABORATORY REPORT
GROUNDWATER MONITORING
DECEMBER 2009

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C9L090499

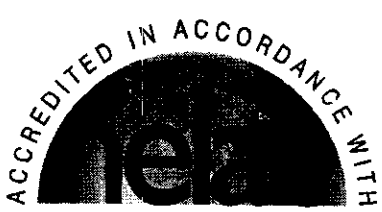
Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

December 18, 2009



NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. 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
US Dept of Agriculture	(#P330-07-00101)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW	X
		HW	X
California – NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida – NELAC	(#E871008-04)	WW	X
		HW	X
Illinois – NELAC	(#002064)	WW	X
		HW	X
Kansas – NELAC	(#E-10350)	WW	X
		HW	X
Louisiana – NELAC	(#04041)	WW	X
		HW	X
New Hampshire – NELAC	(#203008)	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
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014002)	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: 2/5/2009 C:\Documents and Settings\derubeisn\My Documents\NELAC NARRATIVE Pttsburgh.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C9L090499

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on December 8, 2009. 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:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

Due to the concentration of target compounds detected, samples WG-18036-120709-010 and WG-18036-120709-011 were analyzed at dilutions.

Metals:
There were no problems associated with the analysis.

C9L090499

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
NF office

SHIPPED TO (Laboratory Name): Test America Pittsburgh

REFERENCE NUMBER: 18036
Viacom Semi-Annual GW Sampling

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

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS VOCs	PARAMETERS Cd Pb	REMARKS
	12-7-09	1030	WG-18036-120709-001	water	4	3	1	
		1045	WG-18036-120709-002		4	3	1	
		1055	WG-18036-120709-003		4	3	1	
		1100	WG-18036-120709-004		4	3	1	
		1130	WG-18036-120709-005		4	3	1	
		1310	WG-18036-120709-006		4	3	1	
		1330	WG-18036-120709-007		4	3	1	
		1415	WG-18036-120709-008		4	3	1	
		1500	WG-18036-120709-009		4			
		1530	WG-18036-120709-010		4			
		1540	WG-18036-120709-011		4			
			TB-18036-120709	Lab Water	2	2		

TOTAL NUMBER OF CONTAINERS: 46

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① Dave Tyran	DATE: 12-709 TIME: 1700	RECEIVED BY: ①	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: Fed Ex

WAY BILL No.

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

SAMPLE TEAM: S. Gardner, D. Tyran

RECEIVED FOR LABORATORY BY:

DATE: 12-8-09 TIME: 1015

Nº CRA 17755

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

METHODS SUMMARY

C9L090499

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

C9L090499

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LQRE0	001	WG-18036-120709-001	12/07/09	10:30
LQRFJ	002	WG-18036-120709-002	12/07/09	10:45
LQRFN	003	WG-18036-120709-003	12/07/09	10:55
LQRFR	004	WG-18036-120709-004	12/07/09	11:00
LQRFX	005	WG-18036-120709-005	12/07/09	11:30
LQRF2	006	WG-18036-120709-006	12/07/09	13:10
LQRF6	007	WG-18036-120709-007	12/07/09	13:30
LQRF8	008	WG-18036-120709-008	12/07/09	14:15
LQRGA	009	WG-18036-120709-009	12/07/09	15:00
LQRGG	010	WG-18036-120709-010	12/07/09	15:30
LQRGM	011	WG-18036-120709-011	12/07/09	15:40
LQRGQ	012	TB-18036-120709	12/07/09	

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: WG-18036-120709-001

GC/MS Volatiles

Lot-Sample #...: C9L090499-001 **Work Order #...:** LQRE01AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/15/09
Prep Batch #...: 9349513 **Analysis Time..:** 22:36
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(88 - 110)
Bromofluorobenzene	94	(86 - 115)
1,2-Dichloroethane-d4	101	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-002

GC/MS Volatiles

Lot-Sample #...: C9L090499-002 **Work Order #...:** LQRFJ1AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9349513 **Analysis Time..:** 03:49
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(88 - 110)
Bromofluorobenzene	87	(86 - 115)
1,2-Dichloroethane-d4	97	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-003

GC/MS Volatiles

Lot-Sample #...: C9L090499-003 **Work Order #...:** LQRFN1AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9349513 **Analysis Time..:** 04:14
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(88 - 110)
Bromofluorobenzene	89	(86 - 115)
1,2-Dichloroethane-d4	99	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-004

GC/MS Volatiles

Lot-Sample #...: C9L090499-004 **Work Order #...:** LQRFR1AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9349513 **Analysis Time..:** 04:39
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(88 - 110)
Bromofluorobenzene	91	(86 - 115)
1,2-Dichloroethane-d4	99	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-005

GC/MS Volatiles

Lot-Sample #...: C9L090499-005 **Work Order #...:** LQRFX1AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:**
Prep Date.....: 12/16/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9350243 **Analysis Time..:** 12:01
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(88 - 110)
Bromofluorobenzene	90	(86 - 115)
1,2-Dichloroethane-d4	100	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-006

GC/MS Volatiles

Lot-Sample #...: C9L090499-006 **Work Order #...:** LQRF21AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:**
Prep Date.....: 12/16/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9350243 **Analysis Time..:** 12:27
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(88 - 110)
Bromofluorobenzene	90	(86 - 115)
1,2-Dichloroethane-d4	100	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-007

GC/MS Volatiles

Lot-Sample #...: C9L090499-007 **Work Order #...:** LQRF61AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9349513 **Analysis Time..:** 05:57
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	106	(88 - 110)
Bromofluorobenzene	98	(86 - 115)
1,2-Dichloroethane-d4	111	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-008

GC/MS Volatiles

Lot-Sample #...: C9L090499-008 **Work Order #...:** LQRF81AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9349513 **Analysis Time..:** 06:23
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(88 - 110)
Bromofluorobenzene	96	(86 - 115)
1,2-Dichloroethane-d4	105	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-009

GC/MS Volatiles

Lot-Sample #...: C9L090499-009 **Work Order #...:** LQRGA1AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9349513 **Analysis Time..:** 06:49
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	103	(88 - 110)
Bromofluorobenzene	99	(86 - 115)
1,2-Dichloroethane-d4	111	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-010

GC/MS Volatiles

Lot-Sample #...: C9L090499-010 **Work Order #...:** LQRGG1AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9349513 **Analysis Time..:** 02:57
Dilution Factor: 5

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	50	ug/L	5.0
cis-1,2-Dichloroethene	**390**	**50**	**ug/L**	**5.0**
1,1,1-Trichloroethane	ND	50	ug/L	5.0
Trichloroethene	**370**	**50**	**ug/L**	**5.0**
Vinyl chloride	**17 J**	**50**	**ug/L**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(88 - 110)
Bromofluorobenzene	95	(86 - 115)
1,2-Dichloroethane-d4	104	(76 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-011

GC/MS Volatiles

Lot-Sample #...: C9L090499-011 **Work Order #...:** LQRGM1AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9349513 **Analysis Time..:** 03:23
Dilution Factor: 5

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	50	ug/L	5.0
cis-1,2-Dichloroethene	**380**	**50**	**ug/L**	**5.0**
1,1,1-Trichloroethane	ND	50	ug/L	5.0
Trichloroethene	**370**	**50**	**ug/L**	**5.0**
Vinyl chloride	**16 J**	**50**	**ug/L**	**5.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(88 - 110)
Bromofluorobenzene	97	(86 - 115)
1,2-Dichloroethane-d4	106	(76 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: TB-18036-120709

GC/MS Volatiles

Lot-Sample #...: C9L090499-012 **Work Order #...:** LQRGQ1AA **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/15/09
Prep Batch #...: 9349513 **Analysis Time..:** 22:12
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(88 - 110)
Bromofluorobenzene	101	(86 - 115)
1,2-Dichloroethane-d4	104	(76 - 114)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9L090499 **Work Order #...:** LQ56T1AA **Matrix.....:** WATER
MB Lot-Sample #: C9L150000-513
Prep Date.....: 12/15/09 **Analysis Time..:** 21:36
Analysis Date..: 12/15/09 **Prep Batch #...:** 9349513
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(88 - 110)
Bromofluorobenzene	96	(86 - 115)
1,2-Dichloroethane-d4	98	(76 - 114)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9L090499 **Work Order #...:** LQ6VA1AA **Matrix.....:** WATER
MB Lot-Sample #: C9L160000-243
Prep Date.....: 12/16/09 **Analysis Time..:** 10:40
Analysis Date..: 12/16/09 **Prep Batch #...:** 9350243
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(88 - 110)
Bromofluorobenzene	91	(86 - 115)
1,2-Dichloroethane-d4	101	(76 - 114)

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 #...: C9L090499 **Work Order #...:** LQ56T1AC **Matrix.....:** WATER
LCS Lot-Sample#: C9L150000-513
Prep Date.....: 12/15/09 **Analysis Date..:** 12/15/09
Prep Batch #...: 9349513 **Analysis Time..:** 23:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Trichloroethene	**86**	**(71 - 120)**	**OCLP OLM04.2**
Toluene	**86**	**(76 - 125)**	**OCLP OLM04.2**
1,1-Dichloroethene	**89**	**(61 - 145)**	**OCLP OLM04.2**
Benzene	**90**	**(76 - 127)**	**OCLP OLM04.2**
Chlorobenzene	**86**	**(75 - 130)**	**OCLP OLM04.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(88 - 110)
Bromofluorobenzene	100	(86 - 115)
1,2-Dichloroethane-d4	99	(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

GC/MS Volatiles

Client Lot #...: C9L090499 **Work Order #...:** LQ6VA1AC **Matrix.....:** WATER
LCS Lot-Sample#: C9L160000-243
Prep Date.....: 12/16/09 **Analysis Date..:** 12/16/09
Prep Batch #...: 9350243 **Analysis Time..:** 11:17
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Trichloroethene	**92**	**(71 - 120)**	**OCLP OLM04.2**
Toluene	**96**	**(76 - 125)**	**OCLP OLM04.2**
1,1-Dichloroethene	**95**	**(61 - 145)**	**OCLP OLM04.2**
Benzene	**95**	**(76 - 127)**	**OCLP OLM04.2**
Chlorobenzene	**92**	**(75 - 130)**	**OCLP OLM04.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	105	(88 - 110)
Bromofluorobenzene	95	(86 - 115)
1,2-Dichloroethane-d4	106	(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

GC/MS Volatiles

Client Lot #...: C9L090499 **Work Order #...:** LQRE01AK-MS **Matrix.....:** WATER
MS Lot-Sample #: C9L090499-001 LQRE01AL-MSD
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09 **MS Run #.....:** 9349284
Prep Date.....: 12/15/09 **Analysis Date..:** 12/15/09
Prep Batch #...: 9349513 **Analysis Time..:** 23:34
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichloroethene	**89**	**(71 - 120)**			**OCLP OLM04.2**
	87	**(71 - 120)**	**2.2**	**(0-14)**	**OCLP OLM04.2**
Toluene	**90**	**(76 - 125)**			**OCLP OLM04.2**
	87	**(76 - 125)**	**2.7**	**(0-13)**	**OCLP OLM04.2**
1,1-Dichloroethene	**90**	**(61 - 145)**			**OCLP OLM04.2**
	90	**(61 - 145)**	**0.84**	**(0-14)**	**OCLP OLM04.2**
Benzene	**93**	**(76 - 127)**			**OCLP OLM04.2**
	91	**(76 - 127)**	**2.9**	**(0-11)**	**OCLP OLM04.2**
Chlorobenzene	**89**	**(75 - 130)**			**OCLP OLM04.2**
	84	**(75 - 130)**	**5.9**	**(0-13)**	**OCLP OLM04.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(88 - 110)
	102	(88 - 110)
Bromofluorobenzene	100	(86 - 115)
	99	(86 - 115)
1,2-Dichloroethane-d4	99	(76 - 114)
	106	(76 - 114)

NOTE(S):

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

Bold print denotes control parameters

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-001

TOTAL Metals

Lot-Sample #...: C9L090499-001 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	**0.38 B**	**5**	**ug/L**	**ICLP ILM04.0/4.1**	**12/15-12/17/09**	**LQRE01AC**
		Dilution Factor: 1		Analysis Time..: 10:36	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRE01AD
		Dilution Factor: 1		Analysis Time..: 10:36	MS Run #.....: 9349050	
		MDL.....: 0.98				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-002

TOTAL Metals

Lot-Sample #...: C9L090499-002 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRFJ1AC
		Dilution Factor: 1		Analysis Time..: 11:42	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	**1.4 B**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/15-12/17/09**	**LQRFJ1AD**
		Dilution Factor: 1		Analysis Time..: 11:42	MS Run #.....: 9349050	
		MDL.....: 0.98				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-003

TOTAL Metals

Lot-Sample #...: C9L090499-003 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRFN1AC
		Dilution Factor: 1		Analysis Time..: 11:48	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	**2.0 B**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/15-12/17/09**	**LQRFN1AD**
		Dilution Factor: 1		Analysis Time..: 11:48	MS Run #.....: 9349050	
		MDL.....: 0.98				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-004

TOTAL Metals

Lot-Sample #...: C9L090499-004 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	**1.4 B**	**5**	**ug/L**	**ICLP ILM04.0/4.1**	**12/15-12/17/09**	**LQRFR1AC**
		Dilution Factor: 1		Analysis Time..: 11:53	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	**14.0**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/15-12/17/09**	**LQRFR1AD**
		Dilution Factor: 1		Analysis Time..: 11:53	MS Run #.....: 9349050	
		MDL.....: 0.98				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-005

TOTAL Metals

Lot-Sample #...: C9L090499-005 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRFX1AC
		Dilution Factor: 1		Analysis Time..: 11:59	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	**2.3 B**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/15-12/17/09**	**LQRFX1AD**
		Dilution Factor: 1		Analysis Time..: 11:59	MS Run #.....: 9349050	
		MDL.....: 0.98				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-006

TOTAL Metals

Lot-Sample #...: C9L090499-006 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRF21AC
		Dilution Factor: 1		Analysis Time..: 11:26	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	**19.2**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/15-12/17/09**	**LQRF21AD**
		Dilution Factor: 1		Analysis Time..: 11:26	MS Run #.....: 9349050	
		MDL.....: 0.98				

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-007

TOTAL Metals

Lot-Sample #...: C9L090499-007 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRF61AC
		Dilution Factor: 1		Analysis Time..: 11:31	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	**1.5 B**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/15-12/17/09**	**LQRF61AD**
		Dilution Factor: 1		Analysis Time..: 11:31	MS Run #.....: 9349050	
		MDL.....: 0.98				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-008

TOTAL Metals

Lot-Sample #...: C9L090499-008 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRF81AC
		Dilution Factor: 1		Analysis Time..: 11:37	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRF81AD
		Dilution Factor: 1		Analysis Time..: 11:37	MS Run #.....: 9349050	
		MDL.....: 0.98				

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-009

TOTAL Metals

Lot-Sample #...: C9L090499-009 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRGA1AC
		Dilution Factor: 1		Analysis Time..: 12:04	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRGA1AD
		Dilution Factor: 1		Analysis Time..: 12:04	MS Run #.....: 9349050	
		MDL.....: 0.98				

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-010

TOTAL Metals

Lot-Sample #...: C9L090499-010 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRGG1AC
		Dilution Factor: 1		Analysis Time..: 12:20	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	**2.5 B**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/15-12/17/09**	**LQRGG1AD**
		Dilution Factor: 1		Analysis Time..: 12:20	MS Run #.....: 9349050	
		MDL.....: 0.98				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-120709-011

TOTAL Metals

Lot-Sample #...: C9L090499-011 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9349093						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQRGM1AC
		Dilution Factor: 1		Analysis Time..: 12:26	MS Run #.....: 9349050	
		MDL.....: 0.17				
Lead	**1.1 B**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/15-12/17/09**	**LQRGM1AD**
		Dilution Factor: 1		Analysis Time..: 12:26	MS Run #.....: 9349050	
		MDL.....: 0.98				

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9L090499 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C9L150000-093 **Prep Batch #...:** 9349093						
Cadmium	ND	5.0	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQ4F31AA
		Dilution Factor: 1				
		Analysis Time..: 00:00				
Lead	ND	3.0	ug/L	ICLP ILM04.0/4.1	12/15-12/17/09	LQ4F31AC
		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

TOTAL Metals

Client Lot #...: C9L090499 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C9L150000-093 **Prep Batch #...:** 9349093					
Cadmium	105	(80 - 120)	ICLP ILM04.0/4.1	12/15-12/17/09	LQ4F31AD
		Dilution Factor: 1	Analysis Time..: 10:31		
Lead	105	(80 - 120)	ICLP ILM04.0/4.1	12/15-12/17/09	LQ4F31AE
		Dilution Factor: 1	Analysis Time..: 10:31		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9L090499 **Matrix.....:** WATER
Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9L090499-001 **Prep Batch #...:** 9349093					
Cadmium	102	(75 - 125)	ICLP ILM04.0/4.1	12/15-12/17/09	LQRE01AE
		Dilution Factor: 1	Analysis Time..: 10:36		
		MS Run #.....: 9349050			
Lead	112	(75 - 125)	ICLP ILM04.0/4.1	12/15-12/17/09	LQRE01AG
		Dilution Factor: 1	Analysis Time..: 10:36		
		MS Run #.....: 9349050			

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

Metals

Client Lot #...: C9L090499 **Work Order #...:** LQRE0-SMP LQRE0-DUP **Matrix.....:** WATER

Date Sampled...: 12/07/09 **Date Received..:** 12/08/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cadmium						SD Lot-Sample #: C9L090499-001		
	0.38 B	0.43 B	ug/L	12	(0-20)	ICLP ILM04.0/4.1	12/15-12/17/09	9349093
			Dilution Factor: 1			Analysis Time..: 10:36	MS Run Number..: 9349050	
Lead						SD Lot-Sample #: C9L090499-001		
	ND	ND	ug/L	0	(0-20)	ICLP ILM04.0/4.1	12/15-12/17/09	9349093
			Dilution Factor: 1			Analysis Time..: 10:36	MS Run Number..: 9349050	

NOTE(S):

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

B Estimated result. Result is less than RL.