CBS Corporation

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

January 16, 2009

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 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 pursuant to the Order. This report covers activities over the period of December 1 through December 31, 2008 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

A. On December 7, 2008, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the November 2008 operating period. That status report also transmitted the discharge monitoring data for November 2008.

B. Conestoga-Rovers & Associates (CRA) conducted routine and non-routine O&M, and TestAmerica Laboratories, Inc. provided analytical laboratory services, as required.

C. After repairing a leak in the pH adjustment tank as reported in the Monthly Operation and Maintenance Report for November 2008, the recovery and treatment system was restarted on December 3, 2008 operated throughout the remainder of December 2008.

D. On December 11, 2008, CRA conducted well sampling for the semi-annual groundwater monitoring program.

E. On December 18, 2008, CRA collected water samples and estimated flows at four locations associated with the Niagara Frontier Transportation Authority (NFTA) storm sewer system.

2. Sampling Results and Other Site Data

A. In December 2008, the groundwater system recovered an estimated 133,000 gallons.

B. Attachment A provides the discharge monitoring report for December 2008 based on the effluent sample collected on December 18, 2008, 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. 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 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 December 2008 reporting period, the treatment system effluent 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 18, 2008. 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 11, 2008. Attachment C includes the analytical laboratory report for this influent 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 continue to decrease at well MW-32; the concentrations observed in the December 2008 sampling are the lowest recorded in the 33 rounds of sampling conducted since May 2000 following the completion of source removal.

H. 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. 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 Record of Decision. Also, in this latest round of sampling all cadmium and lead concentrations were below RAOs. Because of prior concerns regarding suspended solids in the wells, the samples from wells MW-5, MW-28, and MW-31 were collected using low-flow sampling techniques.[1] Comparisons between the December 2007 samples collected by bailer and the December 2008 low-flow samples suggests that previously reported elevated metals concentration are the results of solids.

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. Required O&M activities will continue.

B. A letter report on the results of the NFTA storm sewer sampling is being prepared and will be forwarded to NYSDEC under separate cover.

C. Upon NYSDEC authorization to proceed, the Revised Work Plan (Rev. 1, November 7, 2008) will be implemented for shutdown of those portions of the groundwater collection system that drain to Sumps 001 and 002.

[1] R.W. Puls and M.J. Barcelona, April 1996. "Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures," EPA Groundwater Issue, EPA/540/S-95/504. Office of Office of Solid Waste and Emergency Response, Washington, D.C.

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.

B. As previously observed by and described to NYSDEC, the water levels in Sumps 001 and 002 have risen to the point where the water overtops these manholes during period of high precipitation. This situation will be remedied through closure of these portions of the groundwater collection system.

* * * *

We trust this submittal satisfies your requirements at this time. If you have questions regarding this status report, please contact me.

Respectfully submitted,

Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

cc: K. P. Lynch, CRA
K. Minkel, NFTA

TABLES

Table 1
Summary of Treatment System
Influent Monitoring Data

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**	2.47 U
06/26/01	001	**25**	5 U	**0.9 J**	**37**	5 U	**448**	NA
06/26/01	002	**16**	5 U	**2.3 J**	**280**	5 U	3.0 U	NA
06/26/01	003	**510**	5 U	**4.5 J**	**1,700**	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 U	**3.9**	2 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

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 U	**2.0**	**8.6**	**11**	5.0 U	3.0 U
12/16/05	Composite	**34**	5 U	5 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 U	5 U	**85**	5 U	**0.47 B**	**2.0 B**
12/11/06	Composite	**14**	5 U	5 U	**71**	**1.8 J**	5.0 U	3.0 U
03/22/07	Composite	**32**	5 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 U	2 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 U	4 U	**190**	**2.3 J**	5.0 U	3.0 U
09/18/08	Composite	**20**	2 U	2 U	**180**	**4.4**	5.0 U	3.0 U
12/18/08	Composite	**19**	**0.17 J**	**0.43 J**	**98**	**2.8**	5.0 U	3.0 U

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

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
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
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**	0.3 U	1.4 U
09/30/08	**420**	50 U	50 U	**120**	**48**	0.3 U	1.4 U
12/11/08	**200**	20 U	20 U	**200**	**9.9 J**	0.1 U	**5.4**
12/11/08 (Dup)	**170**	10 U	10 U	**180**	**9.0 J**	0.1 U	**3.5**

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
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
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**
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**
	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**

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
Remedial Action Objective		5	5	5	5	5	5	25
MW-5 (cont'd)	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
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**
	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**

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
Remedial Action Objective		5	5	5	5	5	5	25
MW-30 (cont'd)	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**
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**

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
Remedial Action Objective		5	5	5	5	5	5	25
MW-31 (cont'd)	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
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
	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**

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
Remedial Action Objective		5	5	5	5	5	5	25
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**
	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**
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**

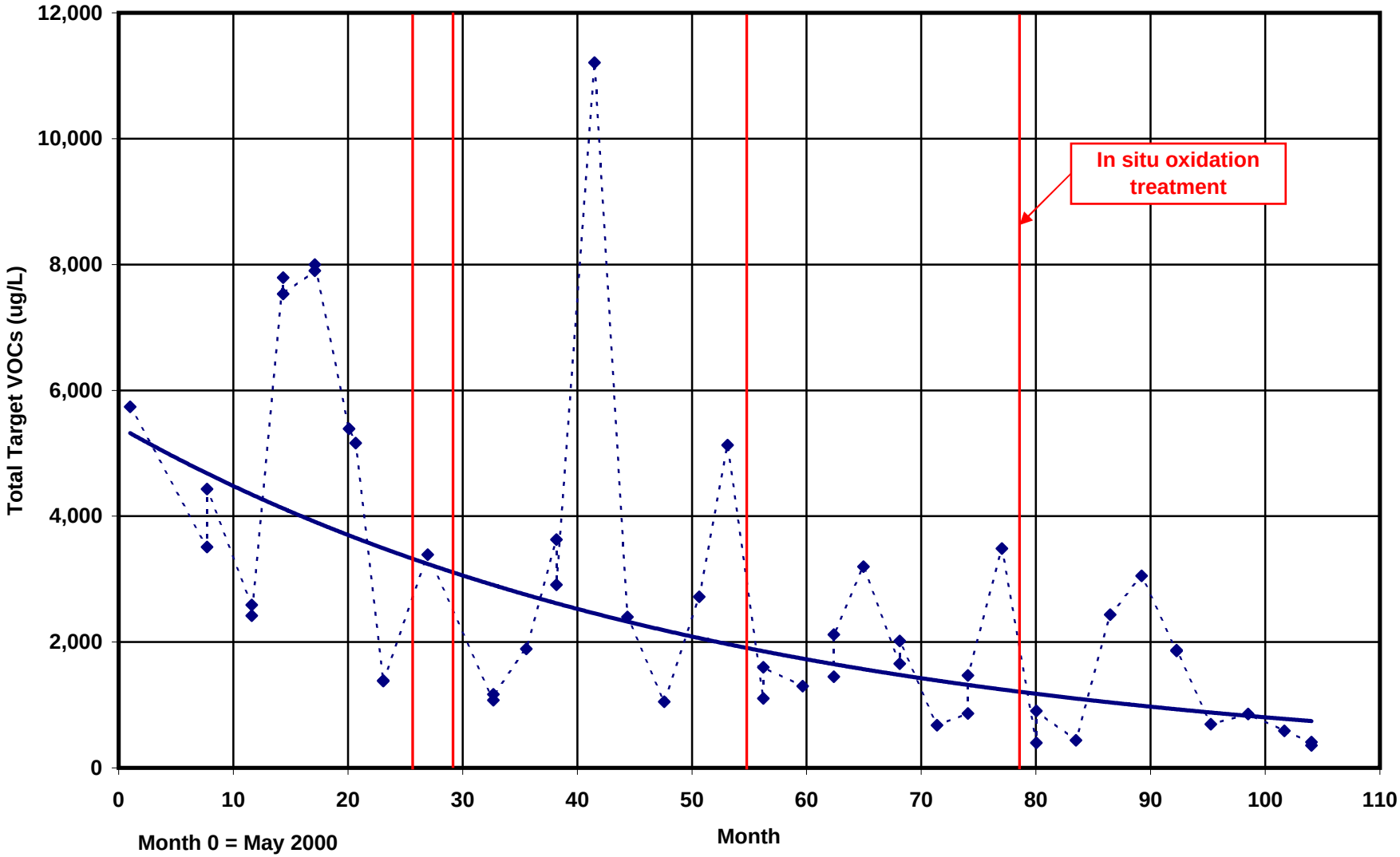
Table 3
Summary of Groundwater Monitoring Data
Wells in Central and Southern Portion of Site
NYSDEC Site No. 9-15-066

Well Number	Date of Sampling	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
Remedial Action Objective		5	5	5	5	5	5	25
MW-34D (cont'd)	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**
	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**

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 2008

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

Reporting Month & Year **Dec-08**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**7,463**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**6.57**	**7.70**	**s.u.**		**9**	**Grab**
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		**< 4.0**	**mg/L**	**0.29**	**1**	**Grab**
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00007**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00007**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00007**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**1.1**	**ug/L**	**0.00007**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00007**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00007**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**< 0.43**	**ug/L**	**< 0.000027**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**< 5.0**	**ug/L**	**< 0.00031**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

ANALYTICAL LABORATORY REPORT
INFLUENT AND EFFLUENT SAMPLING
DECEMBER 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C8L190247

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

January 6, 2009

301 Alpha Drive Pittsburgh, PA 15238 **tel** 412.963.7058 **fax** 412.963.2468 **www.testamericainc.com**

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	(#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
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: 12/28/07 C:\Documents and Settings\derubeisn\My Documents\NELAC NARRATIVE Pttsburgh.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C8L190247

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on December 19, 2008. 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:
The TestAmerica's North Canton laboratory performed the 624 analysis.

Due to the concentration of target compounds detected, sample ST-18036-1208-3 was analyzed at a dilution.

Metals:
There were no problems associated with the analysis.

General Chemistry:
The test for pH is a field parameter. The laboratory pH analysis was completed at the request of the client.

The RPD between sample EFF1208 and it's duplicate was outside QC limits for TSS.

CHAIN OF CUSTODY RECORD

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

SHIPPED TO (Laboratory Name): Test America, Pittsburgh

REFERENCE NUMBER: 018036
Buffalo Airport
Viacom

SAMPLER'S SIGNATURE: [signature]
PRINTED NAME: Chad Bilher

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PCB/Metals	VOC	pH/TSS							REMARKS
	12/18	12:40	IFF1208	Water	5	1	3	1							
	12/18	1245	EFF1208	"	5	1	3	1							

TOTAL NUMBER OF CONTAINERS: 10

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
① [signature]	DATE: 12-18-08 TIME: 1400	①	DATE: TIME:
②	DATE: TIME:	②	DATE: TIME:
③	DATE: TIME:	③ [signature]	DATE: 12/9/08 TIME: 1040

METHOD OF SHIPMENT: FedEx
WAY BILL No.

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

SAMPLE TEAM:
Chad Bilher
Kevin Lynch

RECEIVED FOR LABORATORY BY:
DATE: TIME:

Nº CRA 18069

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

C8L190247

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES (CRA) Niagara Falls, NY

SHIPPED TO (Laboratory Name): TEST America Pittsburgh

REFERENCE NUMBER: 18036- Buffalo Airport Storm sewer Samples

SAMPLER'S SIGNATURE: [signature] PRINTED NAME: Kevin Lynch

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	VOCs (8260) PARAMETERS	REMARKS
	12/18/08	1200	ST-18036-1208-2A	Water	2	2	* Additional Samples - Analyze for SSPL VOCs
		1215	ST-18036-1208-2B		2	2	
		1230	ST-18036-1208-[illegible]		2	2	* Contact Leo Brausch for instructions.
		1400	ST-18036-1208-3		2	2	
							Kevin Lynch 716 471-3892
TOTAL NUMBER OF CONTAINERS					8		HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY: ① [signature]	DATE: 12/18/08 TIME: 1430	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 19 8 TIME: 1040

METHOD OF SHIPMENT: Fedex WAY BILL No:

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

SAMPLE TEAM: Lynch, Boller

RECEIVED FOR LABORATORY BY: DATE: TIME: No. CRA 18070

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

METHODS SUMMARY

C8L190247

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

C8L190247

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K42RA	001	IFF1208	12/18/08	12:40
K42RM	002	EFF1208	12/18/08	12:45
K42RP	003	ST-18036-1208-2A	12/18/08	12:00
K42RT	004	ST-18036-1208-2B	12/18/08	12:15
K42RW	005	ST-18036-1208-1	12/18/08	12:30
K42R0	006	ST-18036-1208-3	12/18/08	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: IFF1208

GC/MS Volatiles

Lot-Sample #...: C8L190247-001 **Work Order #...:** K42RA1AH **Matrix.....:** WATER
Date Sampled...: 12/18/08 **Date Received..:** 12/19/08 **MS Run #.....:** 8360002
Prep Date.....: 12/24/08 **Analysis Date..:** 12/24/08
Prep Batch #...: 8360011 **Analysis Time..:** 05:22
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	**19**	**1.0**	**ug/L**	**0.17**
Methylene chloride	ND	1.0	ug/L	0.33
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**0.17 J**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	**0.43 J**	**1.0**	**ug/L**	**0.22**
Trichloroethene	**98**	**1.0**	**ug/L**	**0.17**
Vinyl chloride	**2.8**	**1.0**	**ug/L**	**0.22**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(80 - 125)
Toluene-d8	100	(84 - 110)
Bromofluorobenzene	98	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFF1208

GC/MS Volatiles

Lot-Sample #...: C8L190247-002 **Work Order #...:** K42RM1AA **Matrix.....:** WATER
Date Sampled...: 12/18/08 **Date Received..:** 12/19/08 **MS Run #.....:** 8360002
Prep Date.....: 12/24/08 **Analysis Date..:** 12/24/08
Prep Batch #...: 8360011 **Analysis Time..:** 03:18
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	**1.1**	**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	111	(80 - 125)
Toluene-d8	102	(84 - 110)
Bromofluorobenzene	96	(81 - 112)

Leo Brausch Consulting

Client Sample ID: ST-18036-1208-2A

GC/MS Volatiles

Lot-Sample #...: C8L190247-003	**Work Order #...:** K42RP1AA	**Matrix.....:** WATER
Date Sampled...: 12/18/08	**Date Received..:** 12/19/08	**MS Run #.....:** 8360002
Prep Date.....: 12/24/08	**Analysis Date..:** 12/24/08	
Prep Batch #...: 8360011	**Analysis Time..:** 03:43	
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	**30**	**1.0**	**ug/L**	**0.17**
Methylene chloride	ND	1.0	ug/L	0.33
Tetrachloroethene	**0.88 J**	**1.0**	**ug/L**	**0.29**
Toluene	ND	1.0	ug/L	0.13
Trichloroethene	**42**	**1.0**	**ug/L**	**0.17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	112	(80 - 125)
Toluene-d8	101	(84 - 110)
Bromofluorobenzene	95	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: ST-18036-1208-2B

GC/MS Volatiles

Lot-Sample #...: C8L190247-004	**Work Order #...:** K42RT1AA	**Matrix.....:** WATER
Date Sampled...: 12/18/08	**Date Received..:** 12/19/08	**MS Run #.....:** 8360002
Prep Date.....: 12/24/08	**Analysis Date..:** 12/24/08	
Prep Batch #...: 8360011	**Analysis Time..:** 04:08	
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	**36**	**1.0**	**ug/L**	**0.17**
Methylene chloride	ND	1.0	ug/L	0.33
Tetrachloroethene	**15**	**1.0**	**ug/L**	**0.29**
Toluene	**0.36 J**	**1.0**	**ug/L**	**0.13**
Trichloroethene	**75**	**1.0**	**ug/L**	**0.17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(80 - 125)
Toluene-d8	106	(84 - 110)
Bromofluorobenzene	100	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: ST-18036-1208-1

GC/MS Volatiles

Lot-Sample #...: C8L190247-005	**Work Order #...:** K42RW1AA	**Matrix.....:** WATER
Date Sampled...: 12/18/08	**Date Received..:** 12/19/08	**MS Run #.....:** 8360002
Prep Date.....: 12/24/08	**Analysis Date..:** 12/24/08	
Prep Batch #...: 8360011	**Analysis Time..:** 04:32	
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	**0.71 J**	**1.0**	**ug/L**	**0.29**
Toluene	**0.21 J**	**1.0**	**ug/L**	**0.13**
Trichloroethene	ND	1.0	ug/L	0.17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(80 - 125)
Toluene-d8	104	(84 - 110)
Bromofluorobenzene	97	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: ST-18036-1208-3

GC/MS Volatiles

Lot-Sample #...: C8L190247-006 **Work Order #...:** K42R01AA **Matrix.....:** WATER
Date Sampled...: 12/18/08 **Date Received..:** 12/19/08 **MS Run #.....:** 8361179
Prep Date.....: 12/26/08 **Analysis Date..:** 12/26/08
Prep Batch #...: 8361275 **Analysis Time..:** 05:31
Dilution Factor: 2.5

Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	2.5	ug/L	0.32
cis-1,2-Dichloroethene	**37**	**2.5**	**ug/L**	**0.42**
Methylene chloride	ND	2.5	ug/L	0.82
Tetrachloroethene	**1.2 J**	**2.5**	**ug/L**	**0.72**
Toluene	ND	2.5	ug/L	0.32
Trichloroethene	**160**	**2.5**	**ug/L**	**0.42**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(80 - 125)
Toluene-d8	102	(84 - 110)
Bromofluorobenzene	96	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8L190247 **Work Order #...:** K49PC1AA **Matrix.....:** WATER
MB Lot-Sample #: A8L250000-011
Prep Date.....: 12/23/08 **Analysis Time..:** 16:51
Analysis Date..: 12/23/08 **Prep Batch #...:** 8360011
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	ND	1.0	ug/L	CFR136A 624
Methylene chloride	ND	1.0	ug/L	CFR136A 624
Tetrachloroethene	ND	1.0	ug/L	CFR136A 624
Toluene	ND	1.0	ug/L	CFR136A 624
1,1,1-Trichloroethane	ND	1.0	ug/L	CFR136A 624
Trichloroethene	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	110	(80 - 125)
Toluene-d8	103	(84 - 110)
Bromofluorobenzene	102	(81 - 112)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8L190247 **Work Order #...:** K5AAE1AA **Matrix.....:** WATER
MB Lot-Sample #: A8L260000-275
Prep Date.....: 12/25/08 **Analysis Time..:** 20:12
Analysis Date..: 12/25/08 **Prep Batch #...:** 8361275
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	ND	1.0	ug/L	CFR136A 624
Methylene chloride	ND	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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(80 - 125)
Toluene-d8	104	(84 - 110)
Bromofluorobenzene	100	(81 - 112)

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 #...: C8L190247 **Work Order #...:** K49PC1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8L250000-011
Prep Date.....: 12/23/08 **Analysis Date..:** 12/23/08
Prep Batch #...: 8360011 **Analysis Time..:** 16:27
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	96	(37 - 151)	CFR136A 624
Bromodichloromethane	95	(35 - 155)	CFR136A 624
Bromoform	66	(45 - 169)	CFR136A 624
Bromomethane	89	(10 - 242)	CFR136A 624
Carbon tetrachloride	82	(70 - 140)	CFR136A 624
Chlorobenzene	94	(37 - 160)	CFR136A 624
Chloroethane	85	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	110	(10 - 305)	CFR136A 624
Chloroform	98	(51 - 138)	CFR136A 624
Chloromethane	116	(10 - 273)	CFR136A 624
Dibromochloromethane	83	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	91	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	90	(18 - 190)	CFR136A 624
1,1-Dichloroethane	106	(59 - 155)	CFR136A 624
1,2-Dichloroethane	108	(49 - 155)	CFR136A 624
1,1-Dichloroethene	86	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	95	(54 - 156)	CFR136A 624
1,2-Dichloropropane	98	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	96	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	92	(17 - 183)	CFR136A 624
Ethylbenzene	98	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	90	(46 - 157)	CFR136A 624
1,1,2-Trichloroethane	93	(52 - 150)	CFR136A 624
Trichlorofluoromethane	91	(17 - 181)	CFR136A 624
1,2-Dichlorobenzene	90	(18 - 190)	CFR136A 624
Methylene chloride	78	(10 - 221)	CFR136A 624
Tetrachloroethene	94	(64 - 148)	CFR136A 624
Toluene	95	(47 - 150)	CFR136A 624
1,1,1-Trichloroethane	98	(52 - 162)	CFR136A 624
Trichloroethene	98	(71 - 157)	CFR136A 624
Vinyl chloride	102	(10 - 251)	CFR136A 624

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C8L190247 **Work Order #...:** K49PC1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8L250000-011

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	112	(80 - 125)
Toluene-d8	104	(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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C8L190247 **Work Order #...:** K5AAE1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8L260000-275
Prep Date.....: 12/25/08 **Analysis Date..:** 12/25/08
Prep Batch #...: 8361275 **Analysis Time..:** 19:00
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	86	(18 - 190)	CFR136A 624
Methylene chloride	78	(10 - 221)	CFR136A 624
Tetrachloroethene	97	(64 - 148)	CFR136A 624
Toluene	95	(47 - 150)	CFR136A 624
Trichloroethene	100	(71 - 157)	CFR136A 624
Benzene	96	(37 - 151)	CFR136A 624
Bromodichloromethane	104	(35 - 155)	CFR136A 624
Bromoform	73	(45 - 169)	CFR136A 624
Bromomethane	89	(10 - 242)	CFR136A 624
Carbon tetrachloride	89	(70 - 140)	CFR136A 624
Chlorobenzene	96	(37 - 160)	CFR136A 624
Chloroethane	82	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	104	(10 - 305)	CFR136A 624
Chloroform	99	(51 - 138)	CFR136A 624
Chloromethane	110	(10 - 273)	CFR136A 624
Dibromochloromethane	96	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	89	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	89	(18 - 190)	CFR136A 624
1,1-Dichloroethane	104	(59 - 155)	CFR136A 624
1,2-Dichloroethane	106	(49 - 155)	CFR136A 624
1,1-Dichloroethene	86	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	95	(54 - 156)	CFR136A 624
1,2-Dichloropropane	98	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	97	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	94	(17 - 183)	CFR136A 624
Ethylbenzene	98	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	91	(46 - 157)	CFR136A 624
1,1,1-Trichloroethane	100	(52 - 162)	CFR136A 624
1,1,2-Trichloroethane	95	(52 - 150)	CFR136A 624
Trichlorofluoromethane	93	(17 - 181)	CFR136A 624
Vinyl chloride	99	(10 - 251)	CFR136A 624

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C8L190247 **Work Order #...:** K5AAE1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8L260000-275

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(80 - 125)
Toluene-d8	105	(84 - 110)
Bromofluorobenzene	102	(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 #...: C8L190247 **Work Order #...:** K451A1AC **Matrix.....:** WATER
MS Lot-Sample #: A8L220165-002
Date Sampled...: 12/22/08 **Date Received..:** 12/22/08
Prep Date.....: 12/24/08 **Analysis Date..:** 12/24/08
Prep Batch #...: 8360011 **MS Run #.....:** 8360002
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	91	(90 - 114)	CFR136A 624
Bromodichloromethane	88	(78 - 123)	CFR136A 624
Bromoform	59	(40 - 141)	CFR136A 624
Bromomethane	84	(42 - 160)	CFR136A 624
Carbon tetrachloride	83	(61 - 129)	CFR136A 624
Chlorobenzene	89 a	(90 - 113)	CFR136A 624
Chloroethane	83	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)	CFR136A 624
Chloroform	102	(90 - 118)	CFR136A 624
Chloromethane	109	(37 - 127)	CFR136A 624
Dibromochloromethane	73	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	82 a	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	80 a	(90 - 112)	CFR136A 624
1,1-Dichloroethane	100	(90 - 114)	CFR136A 624
1,2-Dichloroethane	103	(90 - 123)	CFR136A 624
1,1-Dichloroethene	80 a	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	88	(85 - 116)	CFR136A 624
1,2-Dichloropropane	90	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	82	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	79	(71 - 114)	CFR136A 624
Ethylbenzene	90	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	85	(77 - 133)	CFR136A 624
1,1,2-Trichloroethane	91	(89 - 123)	CFR136A 624
Trichlorofluoromethane	87	(62 - 110)	CFR136A 624
Methylene chloride	77 a	(78 - 131)	CFR136A 624
Tetrachloroethene	85	(81 - 112)	CFR136A 624
Toluene	87	(87 - 112)	CFR136A 624
1,1,1-Trichloroethane	93	(82 - 119)	CFR136A 624
Trichloroethene	92	(85 - 114)	CFR136A 624
Vinyl chloride	98	(50 - 119)	CFR136A 624
1,2-Dichlorobenzene	82 a	(90 - 115)	CFR136A 624

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(80 - 125)
Toluene-d8	101	(84 - 110)
Bromofluorobenzene	100	(81 - 112)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C8L190247 **Work Order #...:** K451A1AC **Matrix.....:** WATER
MS Lot-Sample #: A8L220165-002

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

GC/MS Volatiles

Lot-Sample #...: C8L190247 **Work Order #...:** K460N1AH **Matrix.....:** WATER
MS Lot-Sample #: A8L230141-001
Date Sampled...: 12/23/08 **Date Received..:** 12/23/08
Prep Date.....: 12/26/08 **Analysis Date..:** 12/26/08
Prep Batch #...: 8361275 **MS Run #.....:** 8361179
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	83 a	(90 - 115)	CFR136A 624
Methylene chloride	73 a	(78 - 131)	CFR136A 624
Tetrachloroethene	92	(81 - 112)	CFR136A 624
Toluene	88	(87 - 112)	CFR136A 624
Trichloroethene	97	(85 - 114)	CFR136A 624
Benzene	91	(90 - 114)	CFR136A 624
Bromodichloromethane	95	(78 - 123)	CFR136A 624
Bromoform	65	(40 - 141)	CFR136A 624
Bromomethane	84	(42 - 160)	CFR136A 624
Carbon tetrachloride	87	(61 - 129)	CFR136A 624
Chlorobenzene	88 a	(90 - 113)	CFR136A 624
Chloroethane	81	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)	CFR136A 624
Chloroform	93	(90 - 118)	CFR136A 624
Chloromethane	111	(37 - 127)	CFR136A 624
Dibromochloromethane	82	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	84 a	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	83 a	(90 - 112)	CFR136A 624
1,1-Dichloroethane	101	(90 - 114)	CFR136A 624
1,2-Dichloroethane	100	(90 - 123)	CFR136A 624
1,1-Dichloroethene	85	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	91	(85 - 116)	CFR136A 624
1,2-Dichloropropane	92	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	83	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	81	(71 - 114)	CFR136A 624
Ethylbenzene	90	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	90	(77 - 133)	CFR136A 624
1,1,1-Trichloroethane	100	(82 - 119)	CFR136A 624
1,1,2-Trichloroethane	90	(89 - 123)	CFR136A 624
Trichlorofluoromethane	102	(62 - 110)	CFR136A 624
Vinyl chloride	103	(50 - 119)	CFR136A 624

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	114	(80 - 125)
Toluene-d8	106	(84 - 110)
Bromofluorobenzene	104	(81 - 112)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C8L190247 **Work Order #...:** K460N1AH **Matrix.....:** WATER
MS Lot-Sample #: A8L230141-001

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: IFF1208

TOTAL Metals

Lot-Sample #...: C8L190247-001 **Matrix.....:** WATER
Date Sampled...: 12/18/08 **Date Received..:** 12/19/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8354464						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	12/19-01/03/09	K42RA1AE
		Dilution Factor: 1		Analysis Time..: 18:07	MS Run #.....: 8354265	
		MDL.....: 0.43				
Chromium	**4.2 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**12/19-01/03/09**	**K42RA1AG**
		Dilution Factor: 1		Analysis Time..: 18:07	MS Run #.....: 8354265	
		MDL.....: 0.59				
Lead	ND	3.0	ug/L	MCAWW 200.7	12/19-01/03/09	K42RA1AF
		Dilution Factor: 1		Analysis Time..: 18:07	MS Run #.....: 8354265	
		MDL.....: 2.4				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFF1208

TOTAL Metals

Lot-Sample #...: C8L190247-002 **Matrix.....:** WATER
Date Sampled...: 12/18/08 **Date Received..:** 12/19/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8354464						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	12/19-01/03/09	K42RM1AE
		Dilution Factor: 1		Analysis Time..: 18:12	MS Run #.....: 8354265	
		MDL.....: 0.43				
Chromium	ND	5.0	ug/L	MCAWW 200.7	12/19-01/03/09	K42RM1AG
		Dilution Factor: 1		Analysis Time..: 18:12	MS Run #.....: 8354265	
		MDL.....: 0.59				
Lead	ND	3.0	ug/L	MCAWW 200.7	12/19-01/03/09	K42RM1AF
		Dilution Factor: 1		Analysis Time..: 18:12	MS Run #.....: 8354265	
		MDL.....: 2.4				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L190247 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8L190000-464 **Prep Batch #...:** 8354464						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	12/19-01/03/09	K43TF1AF
		Dilution Factor: 1				
		Analysis Time..: 17:34				
Chromium	ND	5.0	ug/L	MCAWW 200.7	12/19-01/03/09	K43TF1AG
		Dilution Factor: 1				
		Analysis Time..: 17:34				
Lead	ND	3.0	ug/L	MCAWW 200.7	12/19-01/03/09	K43TF1AL
		Dilution Factor: 1				
		Analysis Time..: 17:34				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8L190247 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C8L190000-464 **Prep Batch #...:** 8354464					
Cadmium	103	(85 - 115)	MCAWW 200.7	12/19-01/03/09	K43TF1AW
		Dilution Factor: 1		Analysis Time..: 17:39	
Chromium	104	(85 - 115)	MCAWW 200.7	12/19-01/03/09	K43TF1AX
		Dilution Factor: 1		Analysis Time..: 17:39	
Lead	103	(85 - 115)	MCAWW 200.7	12/19-01/03/09	K43TF1A3
		Dilution Factor: 1		Analysis Time..: 17:39	

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8L190247 **Matrix.....:** WATER
Date Sampled...: 12/17/08 **Date Received..:** 12/19/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8L190228-001 **Prep Batch #...:** 8354464							
Cadmium	101	(70 - 130)			MCAWW 200.7	12/19-01/03/09	K42LV1A2
	101	(70 - 130)	0.21	(0-20)	MCAWW 200.7	12/19-01/03/09	K42LV1A3
		Dilution Factor: 1					
		Analysis Time..: 17:56					
		MS Run #.....: 8354265					
Chromium	100	(70 - 130)			MCAWW 200.7	12/19-01/03/09	K42LV1A4
	100	(70 - 130)	0.55	(0-20)	MCAWW 200.7	12/19-01/03/09	K42LV1A5
		Dilution Factor: 1					
		Analysis Time..: 17:56					
		MS Run #.....: 8354265					
Lead	102	(70 - 130)			MCAWW 200.7	12/19-01/03/09	K42LV1CD
	103	(70 - 130)	0.24	(0-20)	MCAWW 200.7	12/19-01/03/09	K42LV1CE
		Dilution Factor: 1					
		Analysis Time..: 17:56					
		MS Run #.....: 8354265					

NOTE(S):

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

Leo Brausch Consulting

Client Sample ID: IFF1208

General Chemistry

Lot-Sample #...: C8L190247-001 **Work Order #...:** K42RA **Matrix.....:** WATER
Date Sampled...: 12/18/08 **Date Received..:** 12/19/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.3**	**--**	**No Units**	**SM20 4500-H+B**	**12/20/08**	**8355038**
	Dilution Factor: 1			Analysis Time..: 00:00	MS Run #.....: 8355029	
	MDL.....: --					
Total Suspended Solids	**8.0**	**4.0**	**mg/L**	**SM20 2540D**	**12/22/08**	**8357078**
	Dilution Factor: 1			Analysis Time..: 14:33	MS Run #.....: 8357061	
	MDL.....: 2.0					

Leo Brausch Consulting

Client Sample ID: EFF1208

General Chemistry

Lot-Sample #...: C8L190247-002 **Work Order #...:** K42RM **Matrix.....:** WATER
Date Sampled...: 12/18/08 **Date Received..:** 12/19/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.7**	--	**No Units**	**SM20 4500-H+B**	**12/20/08**	**8355038**
		Dilution Factor: 1		Analysis Time..: 00:00	MS Run #.....: 8355029	
		MDL.....: --				
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	12/22/08	8357078
		Dilution Factor: 1		Analysis Time..: 14:33	MS Run #.....: 8357061	
		MDL.....: 2.0				

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C8L190247 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: K44131AA		MB Lot-Sample #:	C8L220000-078	
	ND	4.0	mg/L	SM20 2540D	12/22/08	8357078
		Dilution Factor: 1				
		Analysis Time..: 14:33				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C8L190247 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: K43231AA	LCS Lot-Sample#: C8L200000-038		
	100	(99 - 101)	SM20 4500-H+B	12/20/08	8355038
		Dilution Factor: 1	Analysis Time..: 00:00		
Total Suspended Solids		Work Order #: K44131AC	LCS Lot-Sample#: C8L220000-078		
	92	(80 - 120)	SM20 2540D	12/22/08	8357078
		Dilution Factor: 1	Analysis Time..: 14:33		

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C8L190247 **Work Order #...:** K418V-SMP K418V-DUP **Matrix.....:** WATER

Date Sampled...: 12/17/08 **Date Received..:** 12/19/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C8L190185-001		
	7.8	7.8	No Units	0.13	(0-2.0)	SM20 4500-H+B	12/20/08	8355038

Dilution Factor: 1 Analysis Time..: 00:00 MS Run Number..: 8355029

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C8L190247 **Work Order #...:** K42RM-SMP K42RM-DUP **Matrix.....:** WATER

Date Sampled...: 12/18/08 **Date Received..:** 12/19/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C8L190247-002		
	ND	ND	mg/L	29	(0-20)	SM20 2540D	12/22/08	8357078
			Dilution Factor: 1			Analysis Time..: 14:33	MS Run Number..: 8357061	

ATTACHMENT C

ANALYTICAL LABORATORY REPORT
GROUNDWATER MONITORING
DECEMBER 2008

Well Sampling Key
December 11, 2008
NYSDEC Site No. 9-15-066

Sample No.	Well No.
WG-18036-121108-001	MW-34D
WG-18036-121108-002	MW-34
WG-18036-121108-003	MW-30
WG-18036-121108-004	MW-33
WG-18036-121108-005	MW-28*
WG-18036-121108-006	MW-2
WG-18036-121108-007	MW-32
WG-18036-121108-008	MW-32 (dup)
WG-18036-121108-009	MW-5*
WG-18036-121108-010	MW-31*
TB-18036-121108	Trip Blank

* - indicated well sampled using low-flow sampling technique.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C8L120258

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

December 30, 2008

301 Alpha Drive Pittsburgh, PA 15238 **tel** 412.963.7058 **fax** 412.963.2468 **www.testamericainc.com**

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	(#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
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: 12/28/07 C:\Documents and Settings\derubeisn\My Documents\NELAC NARRATIVE Pttsburgh.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C8L120258

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on December 12, 2008. 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:
Due to the concentration of target compounds detected, sample WG-18036-121108-007 was analyzed at a dilution.

Metals:
There were no problems associated with the analysis.

C8L120258

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
NIAGARA FALLS OFFICE

SHIPPED TO (Laboratory Name):
TEST AMERICA
PITTSBURGH

REFERENCE NUMBER: 18036-881
VIACOM SEMI-ANNUAL
GW SAMPLING

SAMPLER'S SIGNATURE: Shawn Gardner PRINTED NAME: SHAWN GARDNER

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS VOC	PARAMETERS CO, Pb	REMARKS
	12/11/08	1015	WG-18036-121108-001	WATER	4	X	X	
		1030	WG-18036-121108-002		4	X	X	
		1045	WG-18036-121108-003		4	X	X	
		1115	WG-18036-121108-004		4	X	X	
		1300	WG-18036-121108-005		4	X	X	
		1330	WG-18036-121108-006		4	X	X	
		1340	WG-18036-121108-007		4	X	X	
		1350	WG-18036-121108-008		4	X	X	
		1430	WG-18036-121108-009		4	X	X	
		1700	WG-18036-121108-010		4	X	X	
			TB-18036-121108	LAB WATER	1	X		
TOTAL NUMBER OF CONTAINERS					41	HEALTH/CHEMICAL HAZARDS		

RELINQUISHED BY: ① Shawn Gardner	DATE: 12/11/08 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: 12/12/08 TIME: 1000 AM

Nº CRA 17522

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

METHODS SUMMARY

C8L120258

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

C8L120258

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K4L66	001	WG-18036-121108-001	12/11/08	10:15
K4L76	002	WG-18036-121108-002	12/11/08	10:30
K4L78	003	WG-18036-121108-003	12/11/08	10:45
K4L8A	004	WG-18036-121108-004	12/11/08	11:15
K4L8D	005	WG-18036-121108-005	12/11/08	13:00
K4L8E	006	WG-18036-121108-006	12/11/08	13:30
K4L8F	007	WG-18036-121108-007	12/11/08	13:40
K4L8G	008	WG-18036-121108-008	12/11/08	13:50
K4L8J	009	WG-18036-121108-009	12/11/08	14:30
K4L8K	010	WG-18036-121108-010	12/11/08	17:00
K4L8M	011	TB-18036-121108	12/11/08	

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-18036-121108-001

GC/MS Volatiles

Lot-Sample #...: C8L120258-001 **Work Order #...:** K4L661AA **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08 **MS Run #.....:**
Prep Date.....: 12/19/08 **Analysis Date..:** 12/19/08
Prep Batch #...: 8354329 **Analysis Time..:** 12:07
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	93	(88 - 110)
Bromofluorobenzene	103	(86 - 115)
1,2-Dichloroethane-d4	113	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-002

GC/MS Volatiles

Lot-Sample #...: C8L120258-002
Date Sampled...: 12/11/08
Prep Date.....: 12/19/08
Prep Batch #...: 8354329
Dilution Factor: 1

Work Order #...: K4L761AA
Date Received..: 12/12/08
Analysis Date..: 12/19/08
Analysis Time..: 10:51

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

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	90	(88 - 110)
Bromofluorobenzene	94	(86 - 115)
1,2-Dichloroethane-d4	104	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-003

GC/MS Volatiles

Lot-Sample #...: C8L120258-003 **Work Order #...:** K4L781AA **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08 **MS Run #.....:**
Prep Date.....: 12/19/08 **Analysis Date..:** 12/19/08
Prep Batch #...: 8354329 **Analysis Time..:** 11:16
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	**1.1 J**	**10**	**ug/L**	**1.0**
Vinyl chloride	ND	10	ug/L	1.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(88 - 110)
Bromofluorobenzene	105	(86 - 115)
1,2-Dichloroethane-d4	113	(76 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-004

GC/MS Volatiles

Lot-Sample #...: C8L120258-004 **Work Order #...:** K4L8A1AA **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08 **MS Run #.....:**
Prep Date.....: 12/18/08 **Analysis Date..:** 12/18/08
Prep Batch #...: 8353437 **Analysis Time..:** 17:31
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	90	(88 - 110)
Bromofluorobenzene	93	(86 - 115)
1,2-Dichloroethane-d4	93	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-005

GC/MS Volatiles

Lot-Sample #...: C8L120258-005 **Work Order #...:** K4L8D1AA **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08 **MS Run #.....:**
Prep Date.....: 12/18/08 **Analysis Date..:** 12/18/08
Prep Batch #...: 8353437 **Analysis Time..:** 17:57
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	88	(88 - 110)
Bromofluorobenzene	91	(86 - 115)
1,2-Dichloroethane-d4	96	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-006

GC/MS Volatiles

Lot-Sample #...: C8L120258-006 **Work Order #...:** K4L8E1AA **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08 **MS Run #.....:** 8353255
Prep Date.....: 12/18/08 **Analysis Date..:** 12/18/08
Prep Batch #...: 8353437 **Analysis Time..:** 13:38
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	98	(86 - 115)
1,2-Dichloroethane-d4	104	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-007

GC/MS Volatiles

Lot-Sample #...: C8L120258-007	**Work Order #...:** K4L8F1AA	**Matrix.....:** WATER
Date Sampled...: 12/11/08	**Date Received..:** 12/12/08	**MS Run #.....:**
Prep Date.....: 12/18/08	**Analysis Date..:** 12/18/08	
Prep Batch #...: 8353437	**Analysis Time..:** 15:23	
Dilution Factor: 2		
	Method.....: OCLP OLM04.2	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	20	ug/L	2.0
cis-1,2-Dichloroethene	**200**	**20**	**ug/L**	**2.0**
1,1,1-Trichloroethane	ND	20	ug/L	2.0
Trichloroethene	**200**	**20**	**ug/L**	**2.0**
Vinyl chloride	**9.9 J**	**20**	**ug/L**	**2.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	91	(88 - 110)
Bromofluorobenzene	98	(86 - 115)
1,2-Dichloroethane-d4	99	(76 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-008

GC/MS Volatiles

Lot-Sample #...:	C8L120258-008	**Work Order #...:**	K4L8G1AA	**Matrix.....:**	WATER
Date Sampled...:	12/11/08	**Date Received..:**	12/12/08	**MS Run #.....:**	
Prep Date.....:	12/19/08	**Analysis Date..:**	12/19/08		
Prep Batch #...:	8354329	**Analysis Time..:**	09:55		
Dilution Factor:	1				
		Method.....:	OCLP OLM04.2		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	**170**	**10**	**ug/L**	**1.0**
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	**180**	**10**	**ug/L**	**1.0**
Vinyl chloride	**9.0 J**	**10**	**ug/L**	**1.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	89	(88 - 110)
Bromofluorobenzene	99	(86 - 115)
1,2-Dichloroethane-d4	103	(76 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-009

GC/MS Volatiles

Lot-Sample #...: C8L120258-009 **Work Order #...:** K4L8J1AA **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08 **MS Run #.....:**
Prep Date.....: 12/18/08 **Analysis Date..:** 12/18/08
Prep Batch #...: 8353437 **Analysis Time..:** 18:22
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	88	(88 - 110)
Bromofluorobenzene	93	(86 - 115)
1,2-Dichloroethane-d4	95	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-010

GC/MS Volatiles

Lot-Sample #...: C8L120258-010 **Work Order #...:** K4L8K1AA **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08 **MS Run #.....:**
Prep Date.....: 12/19/08 **Analysis Date..:** 12/19/08
Prep Batch #...: 8354329 **Analysis Time..:** 09:02
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	92	(88 - 110)
Bromofluorobenzene	102	(86 - 115)
1,2-Dichloroethane-d4	107	(76 - 114)

Leo Brausch Consulting

Client Sample ID: TB-18036-121108

GC/MS Volatiles

Lot-Sample #...: C8L120258-011 **Work Order #...:** K4L8M1AA **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08 **MS Run #.....:** 8353255
Prep Date.....: 12/18/08 **Analysis Date..:** 12/18/08
Prep Batch #...: 8353437 **Analysis Time..:** 13:15
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	111	(86 - 115)
1,2-Dichloroethane-d4	110	(76 - 114)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8L120258 **Work Order #...:** K40G51AA **Matrix.....:** WATER
MB Lot-Sample #: C8L180000-437

Prep Date.....: 12/18/08 **Analysis Time..:** 12:51
Analysis Date..: 12/18/08 **Prep Batch #...:** 8353437
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	93	(88 - 110)
Bromofluorobenzene	105	(86 - 115)
1,2-Dichloroethane-d4	100	(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 #...: C8L120258 **Work Order #...:** K42QJ1AA **Matrix.....:** WATER
MB Lot-Sample #: C8L190000-329

Prep Date.....: 12/19/08 **Analysis Time..:** 08:36
Analysis Date..: 12/19/08 **Prep Batch #...:** 8354329
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	92	(88 - 110)
Bromofluorobenzene	104	(86 - 115)
1,2-Dichloroethane-d4	109	(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 #...: C8L120258 **Work Order #...:** K40G51AC **Matrix.....:** WATER
LCS Lot-Sample#: C8L180000-437
Prep Date.....: 12/18/08 **Analysis Date..:** 12/18/08
Prep Batch #...: 8353437 **Analysis Time..:** 14:07
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Trichloroethene	**100**	**(71 - 120)**	**OCLP OLM04.2**
Toluene	**94**	**(76 - 125)**	**OCLP OLM04.2**
1,1-Dichloroethene	**98**	**(61 - 145)**	**OCLP OLM04.2**
Benzene	**107**	**(76 - 127)**	**OCLP OLM04.2**
Chlorobenzene	**97**	**(75 - 130)**	**OCLP OLM04.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(88 - 110)
Bromofluorobenzene	106	(86 - 115)
1,2-Dichloroethane-d4	102	(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 #...: C8L120258 **Work Order #...:** K42QJ1AC **Matrix.....:** WATER
LCS Lot-Sample#: C8L190000-329
Prep Date.....: 12/19/08 **Analysis Date..:** 12/19/08
Prep Batch #...: 8354329 **Analysis Time..:** 09:32
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Trichloroethene	**94**	**(71 - 120)**	**OCLP OLM04.2**
Toluene	**88**	**(76 - 125)**	**OCLP OLM04.2**
1,1-Dichloroethene	**102**	**(61 - 145)**	**OCLP OLM04.2**
Benzene	**96**	**(76 - 127)**	**OCLP OLM04.2**
Chlorobenzene	**92**	**(75 - 130)**	**OCLP OLM04.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	91	(88 - 110)
Bromofluorobenzene	99	(86 - 115)
1,2-Dichloroethane-d4	105	(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 #...:	C8L120258	**Work Order #...:**	K4L8E1AE-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	C8L120258-006		K4L8E1AF-MSD		
Date Sampled...:	12/11/08	**Date Received..:**	12/12/08	**MS Run #.....:**	8353255
Prep Date.....:	12/18/08	**Analysis Date..:**	12/18/08		
Prep Batch #...:	8353437	**Analysis Time..:**	14:32		
Dilution Factor:	1				

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**96**	**(76 - 125)**			**OCLP OLM04.2**
	99	**(76 - 125)**	**2.2**	**(0-13)**	**OCLP OLM04.2**
Trichloroethene	**100**	**(71 - 120)**			**OCLP OLM04.2**
	100	**(71 - 120)**	**0.28**	**(0-14)**	**OCLP OLM04.2**
1,1-Dichloroethene	**107**	**(61 - 145)**			**OCLP OLM04.2**
	108	**(61 - 145)**	**0.07**	**(0-14)**	**OCLP OLM04.2**
Benzene	**106**	**(76 - 127)**			**OCLP OLM04.2**
	106	**(76 - 127)**	**0.24**	**(0-11)**	**OCLP OLM04.2**
Chlorobenzene	**98**	**(75 - 130)**			**OCLP OLM04.2**
	100	**(75 - 130)**	**2.1**	**(0-13)**	**OCLP OLM04.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(88 - 110)
	98	(88 - 110)
Bromofluorobenzene	102	(86 - 115)
	103	(86 - 115)
1,2-Dichloroethane-d4	101	(76 - 114)
	105	(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-18036-121108-001

TOTAL Metals

Lot-Sample #...: C8L120258-001 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8348169						
Cadmium	**0.23 B**	**5**	**ug/L**	**ICLP ILM04.0/4.1**	**12/13-12/29/08**	**K4L661AC**
		Dilution Factor: 1		Analysis Time..: 16:17	MS Run #.....: 8348092	
		MDL.....: 0.12				
Lead	**2.4 B**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/13-12/29/08**	**K4L661AD**
		Dilution Factor: 1		Analysis Time..: 16:17	MS Run #.....: 8348092	
		MDL.....: 1.4				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-002

TOTAL Metals

Lot-Sample #...: C8L120258-002 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8348169						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4L761AC
		Dilution Factor: 1		Analysis Time..: 16:35	MS Run #.....: 8348092	
		MDL.....: 0.12				
Lead	**3.2**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/13-12/29/08**	**K4L761AD**
		Dilution Factor: 1		Analysis Time..: 16:35	MS Run #.....: 8348092	
		MDL.....: 1.4				

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-003

TOTAL Metals

Lot-Sample #...: C8L120258-003 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8348169						
Cadmium	**0.55 B**	**5**	**ug/L**	**ICLP ILM04.0/4.1**	**12/13-12/29/08**	**K4L781AC**
		Dilution Factor: 1		Analysis Time..: 16:40	MS Run #.....: 8348092	
		MDL.....: 0.12				
Lead	**11.5**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/13-12/29/08**	**K4L781AD**
		Dilution Factor: 1		Analysis Time..: 16:40	MS Run #.....: 8348092	
		MDL.....: 1.4				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-004

TOTAL Metals

Lot-Sample #...: C8L120258-004 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8348169						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4L8A1AC
		Dilution Factor: 1		Analysis Time..: 16:45	MS Run #.....: 8348092	
		MDL.....: 0.12				
Lead	**3.2**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/13-12/29/08**	**K4L8A1AD**
		Dilution Factor: 1		Analysis Time..: 16:45	MS Run #.....: 8348092	
		MDL.....: 1.4				

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-005

TOTAL Metals

Lot-Sample #...: C8L120258-005 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8348169						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4L8D1AC
		Dilution Factor: 1		Analysis Time..: 16:49	MS Run #.....: 8348092	
		MDL.....: 0.12				
Lead	**4.6**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/13-12/29/08**	**K4L8D1AD**
		Dilution Factor: 1		Analysis Time..: 16:49	MS Run #.....: 8348092	
		MDL.....: 1.4				

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-006

TOTAL Metals

Lot-Sample #...: C8L120258-006 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8348169						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4L8E1AC
		Dilution Factor: 1		Analysis Time..: 17:03	MS Run #.....: 8348092	
		MDL.....: 0.12				
Lead	**3.2**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/13-12/29/08**	**K4L8E1AD**
		Dilution Factor: 1		Analysis Time..: 17:03	MS Run #.....: 8348092	
		MDL.....: 1.4				

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-007

TOTAL Metals

Lot-Sample #...: C8L120258-007 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8348169						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4L8F1AC
		Dilution Factor: 1		Analysis Time..: 17:07	MS Run #.....: 8348092	
		MDL.....: 0.12				
Lead	**5.4**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/13-12/29/08**	**K4L8F1AD**
		Dilution Factor: 1		Analysis Time..: 17:07	MS Run #.....: 8348092	
		MDL.....: 1.4				

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-008

TOTAL Metals

Lot-Sample #...: C8L120258-008 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8348169						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4L8G1AC
		Dilution Factor: 1		Analysis Time..: 17:12	MS Run #.....: 8348092	
		MDL.....: 0.12				
Lead	**3.5**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**12/13-12/29/08**	**K4L8G1AD**
		Dilution Factor: 1		Analysis Time..: 17:12	MS Run #.....: 8348092	
		MDL.....: 1.4				

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-009

TOTAL Metals

Lot-Sample #...: C8L120258-009 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8348169						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4L8J1AC
		Dilution Factor: 1		Analysis Time..: 17:16	MS Run #.....: 8348092	
		MDL.....: 0.12				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4L8J1AD
		Dilution Factor: 1		Analysis Time..: 17:16	MS Run #.....: 8348092	
		MDL.....: 1.4				

Leo Brausch Consulting

Client Sample ID: WG-18036-121108-010

TOTAL Metals

Lot-Sample #...: C8L120258-010 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8348169						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4L8K1AC
		Dilution Factor: 1		Analysis Time..: 17:21	MS Run #.....: 8348092	
		MDL.....: 0.12				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4L8K1AD
		Dilution Factor: 1		Analysis Time..: 17:21	MS Run #.....: 8348092	
		MDL.....: 1.4				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8L120258 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8L130000-169 **Prep Batch #...:** 8348169						
Cadmium	ND	5.0	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4N9V1AA
		Dilution Factor: 1				
		Analysis Time..: 16:09				
Lead	ND	3.0	ug/L	ICLP ILM04.0/4.1	12/13-12/29/08	K4N9V1AC
		Dilution Factor: 1				
		Analysis Time..: 16:09				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8L120258 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C8L130000-169 **Prep Batch #...:** 8348169					
Cadmium	102	(80 - 120)	ICLP ILM04.0/4.1	12/13-12/29/08	K4N9V1AD
		Dilution Factor: 1	Analysis Time..: 16:13		
Lead	97	(80 - 120)	ICLP ILM04.0/4.1	12/13-12/29/08	K4N9V1AE
		Dilution Factor: 1	Analysis Time..: 16:13		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8L120258 **Matrix.....:** WATER
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C8L120258-001 **Prep Batch #...:** 8348169					
Cadmium	100	(75 - 125)	ICLP ILM04.0/4.1	12/13-12/29/08	K4L661AE
		Dilution Factor: 1	Analysis Time..: 16:17		
		MS Run #.....: 8348092			
Lead	102	(75 - 125)	ICLP ILM04.0/4.1	12/13-12/29/08	K4L661AF
		Dilution Factor: 1	Analysis Time..: 16:17		
		MS Run #.....: 8348092			

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

Metals

Client Lot #...: C8L120258 **Work Order #...:** K4L66-SMP **Matrix.....:** WATER
K4L66-DUP
Date Sampled...: 12/11/08 **Date Received..:** 12/12/08

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cadmium						SD Lot-Sample #: C8L120258-001		
	0.23 B	0.19 B	ug/L	19	(0-20)	ICLP ILM04.0/4.1	12/13-12/29/08	8348169
			Dilution Factor: 1			Analysis Time..: 16:17	MS Run Number..: 8348092	
Lead						SD Lot-Sample #: C8L120258-001		
	2.4 B	2.2 B	ug/L	8.7	(0-20)	ICLP ILM04.0/4.1	12/13-12/29/08	8348169
			Dilution Factor: 1			Analysis Time..: 16:17	MS Run Number..: 8348092	

NOTE(S):

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

B Estimated result. Result is less than RL.