CBS Corporation

Environmental Remediation
National City Center
11 Stanwix Street, 10th Floor
Pittsburgh, PA 15222

April 14, 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 March 1 through March 31, 2009 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

A. On March 10, 2009, Encotech, Inc. changed out the activated carbon from all three adsorbers.

B. On March 16, 2009, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the February 2009 operating period. That status report also transmitted the discharge monitoring data for February 2009.

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

2. Sampling Results and Other Site Data

A. In March 2009, the groundwater system recovered and treated an estimated 186,000 gallons.

B. Attachment A provides the discharge monitoring report for March 2009 based on the effluent sample collected on March 30, 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 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 March 2009 reporting period, the effluent complied with all discharge limitations except for pH. The effluent pH observed on March 12, 2009 was 9.60, which is above the effluent limitation of 8.5. Although higher pH values are typical following a carbon change-out, the elevated pH appeared to be due to malfunctioning of the acid metering pump. Acid was then manually added to the system, and Sump 003, which exhibits the highest pH in the influent, was turned off. After receiving needed parts, the metering pump was repaired, and Sump 003 was brought back on-line on March 16, 2009. No further elevated pH readings were observed during the reporting period; the effluent sample collected on March 30, 2009 exhibited a pH of 8.0. The geometric mean of all pH readings during March 2009 was 7.97.

E. Table 1 presents the results of influent sampling and includes the data from the most recent influent sample collected on March 30, 2009. Attachment B includes the analytical laboratory report for this influent sample.

F. Figure 1 shows the relationship between target volatile organic compound (VOC) concentrations over time in the composite system influent. As shown in Figure 1, total target VOC concentrations are variable but shown a general downward trend since system startup in August 2000.

G. 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 March 5, 2009. Attachment C provides the analytical laboratory report for this monitoring well sample.

H. Figure 2 shows the relationship between target VOC concentrations over time at well MW-32. As shown in Figure 2, total target VOC concentrations continue to decrease at well MW-32; the concentrations observed in the March 2009 sampling are among the lowest recorded in the 34 rounds of sampling conducted since May 2000 and the completion of source removal.

3. Upcoming Activities

A. CBS will continue required O&M activities.

B. After an unforeseen delay, CRA plans to collect samples from NFTA storm sewers during the week of April 13, 2009.

C. CBS plans to begin the stepwise implementation of the Revised Work Plan (Rev. 1, November 7, 2008) for shutdown of those portions of the groundwater collection system that drain to Sumps 001 and 002, as discussed with NYSDEC on February 25, 2009 and as described in the CBS correspondence of February 27, 2009.

4. Operational Problems

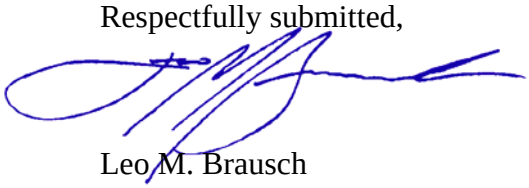
A. Previously reported operational problems associated with elevated pH, hardness, and inflow continue. These operational problems are expected to be largely resolved with the phased shutdown of the collection and treatment system and limitation of inflows to those associated with Sump 003.

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**	2.5 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

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**	**0.43 J**	**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

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**
03/05/09	**280**	20 U	20 U	**170**	**25**	**0.090 B**	**4.1**

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.

FIGURES

Figure 1: Total Target VOCs in Treatment System Influent

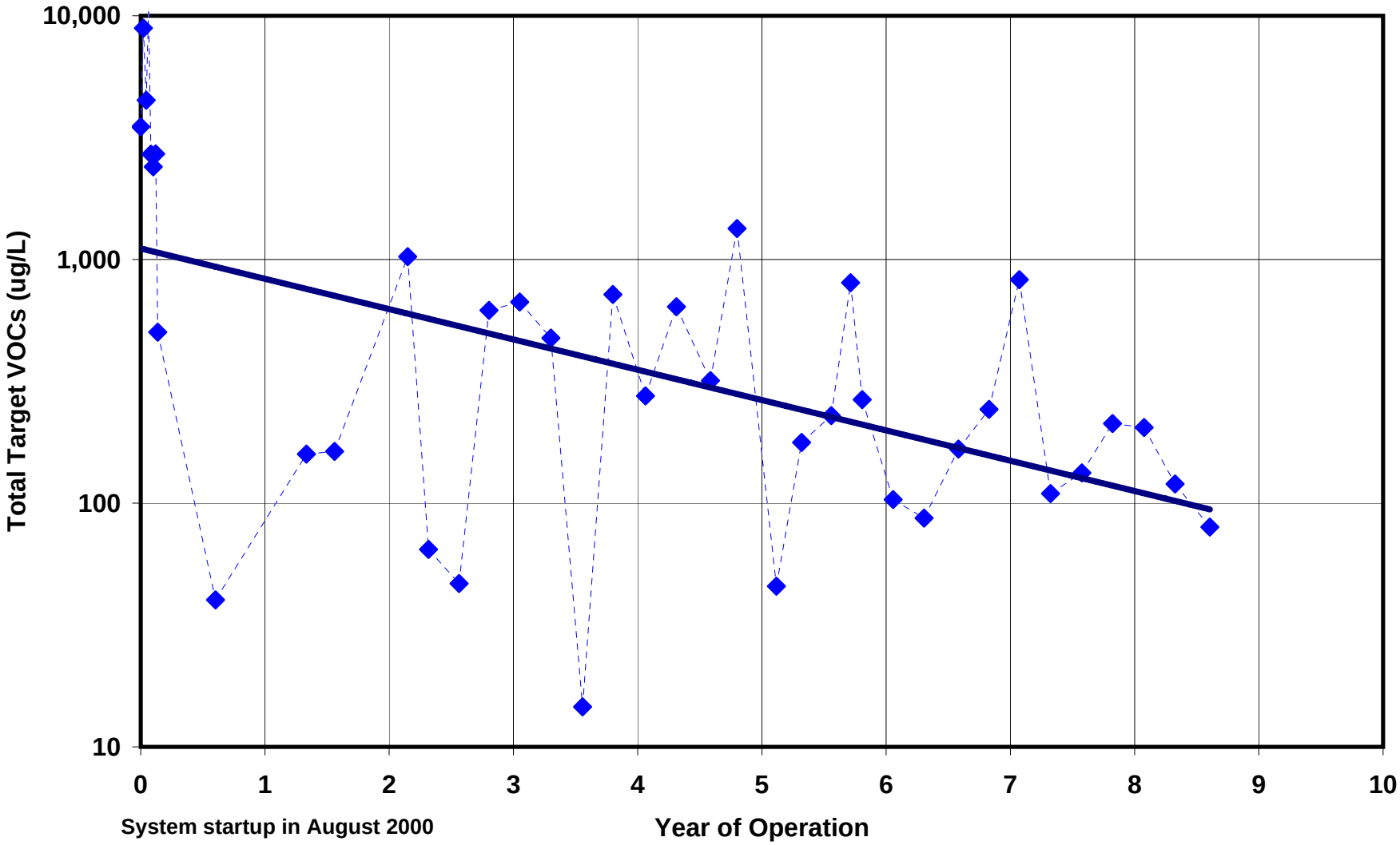
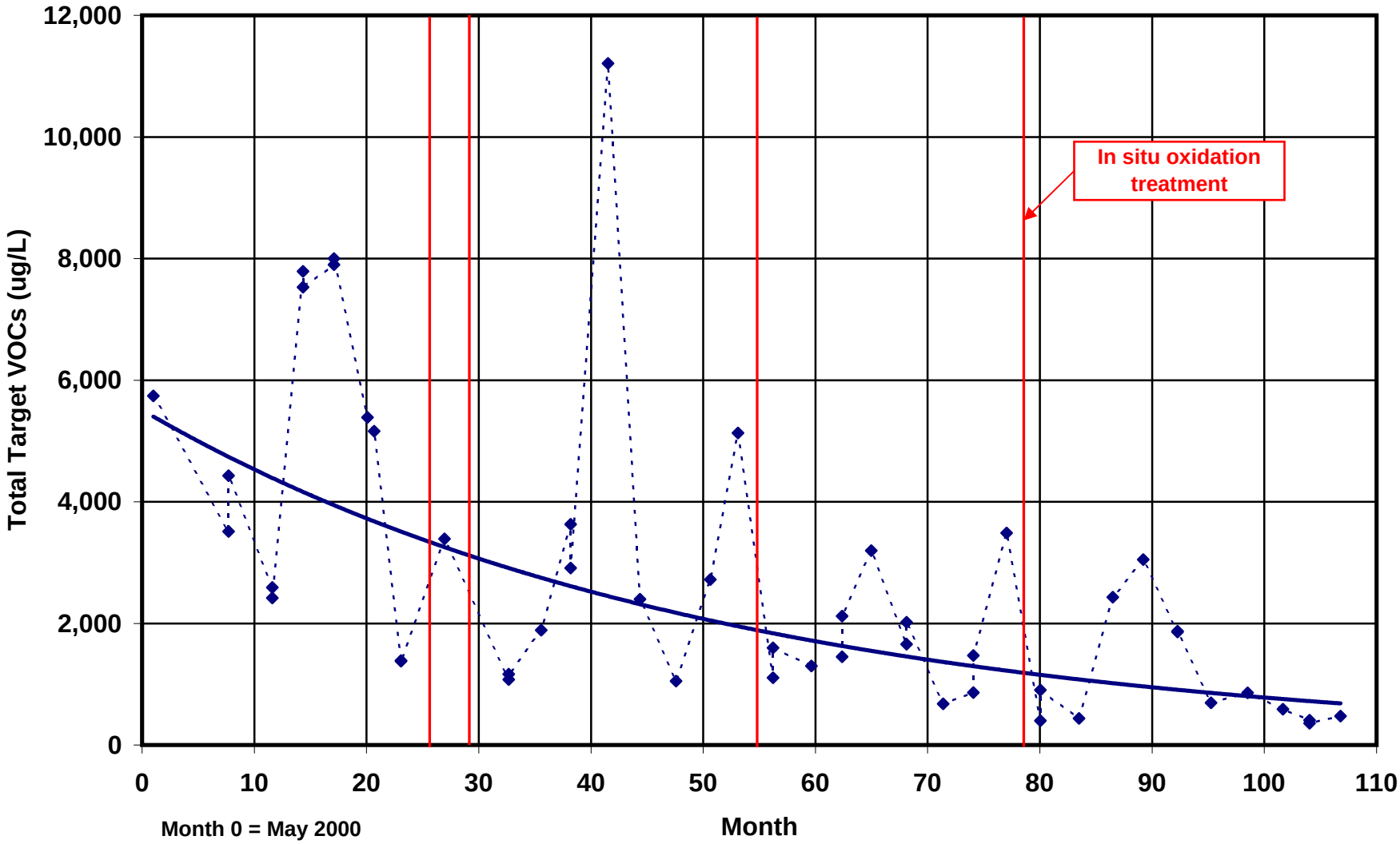


Figure 2: Total Target VOCs at MW-32



ATTACHMENT A

DISCHARGE MONITORING REPORT
MARCH 2009

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

Reporting Month & Year **Mar-09**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**8,516**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**7.20**	**9.60**	**s.u.**		**7**	**Grab**
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		**3.6**	**mg/L**	**0.30**	**1**	**Grab**
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**< 0.22**	**ug/L**	**< 0.000016**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**< 5.0**	**ug/L**	**< 0.0004**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

ANALYTICAL LABORATORY REPORT
INFLUENT AND EFFLUENT SAMPLING
MARCH 2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C9C310238

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

April 14, 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 # C9C310238

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on March 31, 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:
The TestAmerica's North Canton laboratory performed the 624 analysis.

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.

C9C310238

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
Niagara Falls, NY

SHIPPED TO (Laboratory Name): Testamerica Pittsburgh, PA

REFERENCE NUMBER: 18036
CBS Buffalo Airport Monthly & Quarterly

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

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	pH	PARAMETERS: PH/TSS	Cd Cr (HNO3)	Cd Cr Pb (HNO3)	VOCs (HCl)	REMARKS
	3/30/09	1700	INF-0309	Water	5	1	-	-	1	3	pH Short hold
	3/30/09	1710	EFF-0309	Water	5	-	1	1	-	3	

TOTAL NUMBER OF CONTAINERS: 10

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① [signature]	DATE: 3/30/09 TIME: 1730	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: 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: [signature]
DATE: 3/31/09 TIME: ~~10~~ 0955

Nº CRA 18095

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

METHODS SUMMARY

C9C310238

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

C9C310238

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K9DMQ	001	INF-0309	03/30/09	17:00
K9DMV	002	EFF-0309	03/30/09	17:10

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: INF-0309

GC/MS Volatiles

Lot-Sample #...: C9C310238-001 **Work Order #...:** K9DMQ1AE **Matrix.....:** WATER
Date Sampled...: 03/30/09 **Date Received..:** 03/31/09 **MS Run #.....:** 9096228
Prep Date.....: 04/03/09 **Analysis Date..:** 04/03/09
Prep Batch #...: 9096344 **Analysis Time..:** 03:04
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	**5.2**	**1.0**	**ug/L**	**0.17**
Methylene chloride	ND	1.0	ug/L	0.33
Tetrachloroethene	**0.37 J**	**1.0**	**ug/L**	**0.29**
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	**73**	**1.0**	**ug/L**	**0.17**
Vinyl chloride	**1.6**	**1.0**	**ug/L**	**0.22**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(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: EFF-0309

GC/MS Volatiles

Lot-Sample #...: C9C310238-002 **Work Order #...:** K9DMV1AD **Matrix.....:** WATER
Date Sampled...: 03/30/09 **Date Received..:** 03/31/09 **MS Run #.....:** 9096228
Prep Date.....: 04/03/09 **Analysis Date..:** 04/03/09
Prep Batch #...: 9096344 **Analysis Time..:** 02:40
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	105	(80 - 125)
Toluene-d8	99	(84 - 110)
Bromofluorobenzene	98	(81 - 112)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9C310238 **Work Order #...:** K9M121AA **Matrix.....:** WATER
MB Lot-Sample #: A9D060000-344
Prep Date.....: 04/02/09 **Analysis Time..:** 18:30
Analysis Date..: 04/02/09 **Prep Batch #...:** 9096344
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(80 - 125)
Toluene-d8	101	(84 - 110)
Bromofluorobenzene	98	(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 #...: C9C310238 **Work Order #...:** K9M121AC **Matrix.....:** WATER
LCS Lot-Sample#: A9D060000-344
Prep Date.....: 04/02/09 **Analysis Date..:** 04/02/09
Prep Batch #...: 9096344 **Analysis Time..:** 18:06
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	92	(37 - 151)	CFR136A 624
Bromodichloromethane	99	(35 - 155)	CFR136A 624
Bromoform	79	(45 - 169)	CFR136A 624
Bromomethane	82	(10 - 242)	CFR136A 624
Carbon tetrachloride	80	(70 - 140)	CFR136A 624
Chlorobenzene	95	(37 - 160)	CFR136A 624
Chloroethane	83	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	94	(10 - 305)	CFR136A 624
Chloroform	97	(51 - 138)	CFR136A 624
Chloromethane	112	(10 - 273)	CFR136A 624
Dibromochloromethane	104	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	85	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	86	(18 - 190)	CFR136A 624
1,1-Dichloroethane	94	(59 - 155)	CFR136A 624
1,2-Dichloroethane	98	(49 - 155)	CFR136A 624
1,1-Dichloroethene	95	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	80	(54 - 156)	CFR136A 624
1,2-Dichloropropane	93	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	96	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	95	(17 - 183)	CFR136A 624
Ethylbenzene	95	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	85	(46 - 157)	CFR136A 624
1,1,2-Trichloroethane	88	(52 - 150)	CFR136A 624
Trichlorofluoromethane	98	(17 - 181)	CFR136A 624
1,2-Dichlorobenzene	85	(18 - 190)	CFR136A 624
Methylene chloride	93	(10 - 221)	CFR136A 624
Tetrachloroethene	87	(64 - 148)	CFR136A 624
Toluene	88	(47 - 150)	CFR136A 624
1,1,1-Trichloroethane	81	(52 - 162)	CFR136A 624
Trichloroethene	89	(71 - 157)	CFR136A 624
Vinyl chloride	101	(10 - 251)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9C310238 **Work Order #...:** K9M121AC **Matrix.....:** WATER
LCS Lot-Sample#: A9D060000-344

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(80 - 125)
Toluene-d8	103	(84 - 110)
Bromofluorobenzene	106	(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 #...: C9C310238 **Work Order #...:** K9GAT1AP **Matrix.....:** WATER
MS Lot-Sample #: A9D020138-001
Date Sampled...: 04/01/09 **Date Received..:** 04/02/09
Prep Date.....: 04/03/09 **Analysis Date..:** 04/03/09
Prep Batch #...: 9096344 **MS Run #.....:** 9096228
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**91**	**(90 - 114)**	**CFR136A 624**
Bromodichloromethane	**92**	**(78 - 123)**	**CFR136A 624**
Bromoform	**68**	**(40 - 141)**	**CFR136A 624**
Bromomethane	**84**	**(42 - 160)**	**CFR136A 624**
Carbon tetrachloride	**81**	**(61 - 129)**	**CFR136A 624**
Chlorobenzene	**90**	**(90 - 113)**	**CFR136A 624**
Chloroethane	**87**	**(56 - 133)**	**CFR136A 624**
2-Chloroethyl vinyl ether	**0.0 a**	**(10 - 185)**	**CFR136A 624**
Chloroform	**91**	**(90 - 118)**	**CFR136A 624**
Chloromethane	**112**	**(37 - 127)**	**CFR136A 624**
Dibromochloromethane	**84**	**(65 - 123)**	**CFR136A 624**
1,3-Dichlorobenzene	**83 a**	**(90 - 111)**	**CFR136A 624**
1,4-Dichlorobenzene	**83 a**	**(90 - 112)**	**CFR136A 624**
1,1-Dichloroethane	**90**	**(90 - 114)**	**CFR136A 624**
1,2-Dichloroethane	**93**	**(90 - 123)**	**CFR136A 624**
1,1-Dichloroethene	**103**	**(83 - 129)**	**CFR136A 624**
trans-1,2-Dichloroethene	**76 a**	**(85 - 116)**	**CFR136A 624**
1,2-Dichloropropane	**85 a**	**(87 - 119)**	**CFR136A 624**
cis-1,3-Dichloropropene	**84**	**(77 - 115)**	**CFR136A 624**
trans-1,3-Dichloropropene	**76**	**(71 - 114)**	**CFR136A 624**
Ethylbenzene	**92**	**(88 - 111)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**87**	**(77 - 133)**	**CFR136A 624**
1,1,2-Trichloroethane	**88 a**	**(89 - 123)**	**CFR136A 624**
Trichlorofluoromethane	**113 a**	**(62 - 110)**	**CFR136A 624**
1,2-Dichlorobenzene	**82 a**	**(90 - 115)**	**CFR136A 624**
Methylene chloride	**88**	**(78 - 131)**	**CFR136A 624**
Tetrachloroethene	**88**	**(81 - 112)**	**CFR136A 624**
Toluene	**83 a**	**(87 - 112)**	**CFR136A 624**
1,1,1-Trichloroethane	**85**	**(82 - 119)**	**CFR136A 624**
Trichloroethene	**92**	**(85 - 114)**	**CFR136A 624**
Vinyl chloride	**111**	**(50 - 119)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(80 - 125)
Toluene-d8	101	(84 - 110)
Bromofluorobenzene	107	(81 - 112)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C9C310238 **Work Order #...:** K9GAT1AP **Matrix.....:** WATER
MS Lot-Sample #: A9D020138-001

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: INF-0309

TOTAL Metals

Lot-Sample #...: C9C310238-001 **Matrix.....:** WATER
Date Sampled...: 03/30/09 **Date Received..:** 03/31/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9091242						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/01-04/02/09	K9DMQ1AA
		Dilution Factor: 1		Analysis Time..: 22:21	MS Run #.....: 9091152	
		MDL.....: 0.22				
Chromium	**3.1 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**04/01-04/02/09**	**K9DMQ1AD**
		Dilution Factor: 1		Analysis Time..: 22:21	MS Run #.....: 9091152	
		MDL.....: 0.57				
Lead	ND	3.0	ug/L	MCAWW 200.7	04/01-04/02/09	K9DMQ1AC
		Dilution Factor: 1		Analysis Time..: 22:21	MS Run #.....: 9091152	
		MDL.....: 1.5				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFF-0309

TOTAL Metals

Lot-Sample #...: C9C310238-002 **Matrix.....:** WATER
Date Sampled...: 03/30/09 **Date Received..:** 03/31/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9091242						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/01-04/02/09	K9DMV1AA
		Dilution Factor: 1		Analysis Time..: 22:26	MS Run #.....: 9091152	
		MDL.....: 0.22				
Chromium	ND	5.0	ug/L	MCAWW 200.7	04/01-04/02/09	K9DMV1AC
		Dilution Factor: 1		Analysis Time..: 22:26	MS Run #.....: 9091152	
		MDL.....: 0.57				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9C310238 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C9D010000-242 **Prep Batch #...:** 9091242						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/01-04/02/09	K9EMG1AH
		Dilution Factor: 1				
		Analysis Time..: 21:48				
Chromium	ND	5.0	ug/L	MCAWW 200.7	04/01-04/02/09	K9EMG1AJ
		Dilution Factor: 1				
		Analysis Time..: 21:48				
Lead	ND	3.0	ug/L	MCAWW 200.7	04/01-04/02/09	K9EMG1AK
		Dilution Factor: 1				
		Analysis Time..: 21:48				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9C310238 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C9D010000-242 **Prep Batch #...:** 9091242					
Cadmium	100	(85 - 115)	MCAWW 200.7	04/01-04/02/09	K9EMG1AU
		Dilution Factor: 1	Analysis Time..: 21:52		
Chromium	107	(85 - 115)	MCAWW 200.7	04/01-04/02/09	K9EMG1AV
		Dilution Factor: 1	Analysis Time..: 21:52		
Lead	100	(85 - 115)	MCAWW 200.7	04/01-04/02/09	K9EMG1AW
		Dilution Factor: 1	Analysis Time..: 21:52		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9C310238 **Matrix.....:** WATER
Date Sampled...: 03/27/09 **Date Received..:** 03/27/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9C280107-001 **Prep Batch #...:** 9091242							
Cadmium	97	(70 - 130)			MCAWW 200.7	04/01-04/02/09	K89MV1CE
	98	(70 - 130)	0.77	(0-20)	MCAWW 200.7	04/01-04/02/09	K89MV1CF
		Dilution Factor: 1					
		Analysis Time..: 22:09					
		MS Run #.....: 9091152					
Chromium	105	(70 - 130)			MCAWW 200.7	04/01-04/02/09	K89MV1CG
	104	(70 - 130)	0.44	(0-20)	MCAWW 200.7	04/01-04/02/09	K89MV1CH
		Dilution Factor: 1					
		Analysis Time..: 22:09					
		MS Run #.....: 9091152					
Lead	101	(70 - 130)			MCAWW 200.7	04/01-04/02/09	K89MV1CJ
	101	(70 - 130)	0.13	(0-20)	MCAWW 200.7	04/01-04/02/09	K89MV1CK
		Dilution Factor: 1					
		Analysis Time..: 22:09					
		MS Run #.....: 9091152					

NOTE(S):

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

Leo Brausch Consulting

Client Sample ID: INF-0309

General Chemistry

Lot-Sample #...: C9C310238-001 **Work Order #...:** K9DMQ **Matrix.....:** WATER
Date Sampled...: 03/30/09 **Date Received..:** 03/31/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.6**	**--**	**No Units**	**SM20 4500-H+B**	**04/01/09**	**9092081**

Dilution Factor: 1 Analysis Time..: 14:30 MS Run #.....: 9092244
MDL.....: --

Leo Brausch Consulting

Client Sample ID: EFF-0309

General Chemistry

Lot-Sample #...: C9C310238-002 **Work Order #...:** K9DMV **Matrix.....:** WATER
Date Sampled...: 03/30/09 **Date Received..:** 03/31/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.0**	**--**	**No Units**	**SM20 4500-H+B**	**04/01/09**	**9092081**
		Dilution Factor: 1		Analysis Time..: 14:32	MS Run #.....: 9092244	
		MDL.....: --				
Total Suspended Solids	**3.6 B**	**4.0**	**mg/L**	**SM20 2540D**	**04/01/09**	**9091122**
		Dilution Factor: 1		Analysis Time..: 14:05	MS Run #.....: 9091064	
		MDL.....: 2.0				

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C9C310238 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: K9D8P1AA		MB Lot-Sample #:	C9D010000-122	
	ND	4.0	mg/L	SM20 2540D	04/01/09	9091122
		Dilution Factor: 1				
		Analysis Time..: 14:05				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C9C310238 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: K9HGA1AA	LCS Lot-Sample#: C9D020000-081		
	101	(99 - 101)	SM20 4500-H+B	04/01/09	9092081
		Dilution Factor: 1	Analysis Time..: 14:28		
Total Suspended Solids		Work Order #: K9D8P1AC	LCS Lot-Sample#: C9D010000-122		
	86	(80 - 120)	SM20 2540D	04/01/09	9091122
		Dilution Factor: 1	Analysis Time..: 14:05		

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9C310238 **Work Order #...:** K9DMV-SMP **Matrix.....:** WATER
K9DMV-DUP
Date Sampled...: 03/30/09 **Date Received..:** 03/31/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C9C310238-002		
	3.6 B	3.6 B	mg/L	0.0	(0-20)	SM20 2540D	04/01/09	9091122

Dilution Factor: 1 Analysis Time..: 14:05 MS Run Number..: 9091064

NOTE(S):

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

B Estimated result. Result is less than RL.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9C310238 **Work Order #...:** K9DMQ-SMP K9DMQ-DUP **Matrix.....:** WATER

Date Sampled...: 03/30/09 **Date Received..:** 03/31/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C9C310238-001		
	8.6	8.6	No Units	0.12	(0-2.0)	SM20 4500-H+B	04/01/09	9092081

Dilution Factor: 1 Analysis Time..: 14:30 MS Run Number..: 9092244

ATTACHMENT C

ANALYTICAL LABORATORY REPORT
MW-32 QUARTERLY GROUNDWATER MONITORING
MARCH 2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C9C060158

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

March 30, 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	(#88-0690)	WW	X
		HW	X
Califomia – 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 # C9C060158

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on March 6, 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, sample WG-18036-030509-MW32 was analyzed undiluted and at a 2X dilution. Both sets of data are reported.

Metals:
Sample WG-18036-030509-MW32 and it's duplicate RPD was outside QC limits for lead.

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
N F OFFICE

SHIPPED TO (Laboratory Name): STL PITTSBURGH

REFERENCE NUMBER: 18036 - 831
VIACOM YALY GW SAMPLING

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

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: VOC	TOTAL Pb	REMARKS
	3/5/09	1230	WG-18036-030509-MW32	WATER	4	X	X	
	3/5/09		TB-18036-030509	LAB WATER	3	X		

TOTAL NUMBER OF CONTAINERS: 7   HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ①	DATE: TIME:	RECEIVED BY: ① Tim Vicinie	DATE: 3/6/09 TIME: 0948
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. DEITNER

RECEIVED FOR LABORATORY BY: Tim Vicinie
DATE: 3/6/09 TIME: 0940

№ CRA 18084

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

METHODS SUMMARY

C9C060158

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

C9C060158

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K75QM	001	WG-18036-030509-MW32	03/05/09	12:30
K75Q0	002	TB-18036-030509	03/05/09	

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-18036-030509-MW32

GC/MS Volatiles

Lot-Sample #...: C9C060158-001 **Work Order #...:** K75QM1AA **Matrix.....:** WATER
Date Sampled...: 03/05/09 **Date Received..:** 03/06/09 **MS Run #.....:** 9071189
Prep Date.....: 03/12/09 **Analysis Date..:** 03/12/09
Prep Batch #...: 9071348 **Analysis Time..:** 10:22
Dilution Factor: 2

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	20	ug/L	2.0
cis-1,2-Dichloroethene	**280**	**20**	**ug/L**	**2.0**
1,1,1-Trichloroethane	ND	20	ug/L	2.0
Trichloroethene	**170**	**20**	**ug/L**	**2.0**
Vinyl chloride	**25**	**20**	**ug/L**	**2.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(88 - 110)
Bromofluorobenzene	91	(86 - 115)
1,2-Dichloroethane-d4	102	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-030509-MW32

GC/MS Volatiles

Lot-Sample #...: C9C060158-001 **Work Order #...:** K75QM2AA **Matrix.....:** WATER
Date Sampled...: 03/05/09 **Date Received..:** 03/06/09 **MS Run #.....:** 9071189
Prep Date.....: 03/12/09 **Analysis Date..:** 03/12/09
Prep Batch #...: 9071348 **Analysis Time..:** 09:35
Dilution Factor: 1

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	**260 E**	**10**	**ug/L**	**1.0**
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	**160**	**10**	**ug/L**	**1.0**
Vinyl chloride	**25**	**10**	**ug/L**	**1.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(88 - 110)
Bromofluorobenzene	95	(86 - 115)
1,2-Dichloroethane-d4	104	(76 - 114)

NOTE(S):

E Estimated result. Result concentration exceeds the calibration range.

Leo Brausch Consulting

Client Sample ID: TB-18036-030509

GC/MS Volatiles

Lot-Sample #...: C9C060158-002 **Work Order #...:** K75Q01AA **Matrix.....:** WATER
Date Sampled...: 03/05/09 **Date Received..:** 03/06/09 **MS Run #.....:** 9071189
Prep Date.....: 03/12/09 **Analysis Date..:** 03/12/09
Prep Batch #...: 9071348 **Analysis Time..:** 09:58
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	98	(88 - 110)
Bromofluorobenzene	92	(86 - 115)
1,2-Dichloroethane-d4	103	(76 - 114)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9C060158 **Work Order #...:** K8E6E1AA **Matrix.....:** WATER
MB Lot-Sample #: C9C120000-348
Prep Date.....: 03/12/09 **Analysis Time..:** 08:58
Analysis Date..: 03/12/09 **Prep Batch #...:** 9071348
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	95	(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 #...: C9C060158 **Work Order #...:** K8E6E1AC **Matrix.....:** WATER
LCS Lot-Sample#: C9C120000-348
Prep Date.....: 03/12/09 **Analysis Date..:** 03/12/09
Prep Batch #...: 9071348 **Analysis Time..:** 10:47
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**100**	**(76 - 125)**	**OCLP OLM04.2**
Trichloroethene	**103**	**(71 - 120)**	**OCLP OLM04.2**
1,1-Dichloroethene	**106**	**(61 - 145)**	**OCLP OLM04.2**
Benzene	**101**	**(76 - 127)**	**OCLP OLM04.2**
Chlorobenzene	**101**	**(75 - 130)**	**OCLP OLM04.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	102	(88 - 110)
Bromofluorobenzene	98	(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 #...: C9C060158 **Work Order #...:** K75QM1AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: C9C060158-001 K75QM1AK-MSD
Date Sampled...: 03/05/09 **Date Received..:** 03/06/09 **MS Run #.....:** 9071189
Prep Date.....: 03/12/09 **Analysis Date..:** 03/12/09
Prep Batch #...: 9071348 **Analysis Time..:** 11:11
Dilution Factor: 2

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichloroethene	**81**	**(71 - 120)**			**OCLP OLM04.2**
	81	**(71 - 120)**	**0.04**	**(0-14)**	**OCLP OLM04.2**
Toluene	**97**	**(76 - 125)**			**OCLP OLM04.2**
	97	**(76 - 125)**	**0.64**	**(0-13)**	**OCLP OLM04.2**
1,1-Dichloroethene	**106**	**(61 - 145)**			**OCLP OLM04.2**
	102	**(61 - 145)**	**4.0**	**(0-14)**	**OCLP OLM04.2**
Benzene	**100**	**(76 - 127)**			**OCLP OLM04.2**
	98	**(76 - 127)**	**1.8**	**(0-11)**	**OCLP OLM04.2**
Chlorobenzene	**97**	**(75 - 130)**			**OCLP OLM04.2**
	97	**(75 - 130)**	**0.09**	**(0-13)**	**OCLP OLM04.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(88 - 110)
	101	(88 - 110)
Bromofluorobenzene	95	(86 - 115)
	97	(86 - 115)
1,2-Dichloroethane-d4	104	(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-18036-030509-MW32

TOTAL Metals

Lot-Sample #...: C9C060158-001 **Matrix.....:** WATER
Date Sampled...: 03/05/09 **Date Received..:** 03/06/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9070243						
Cadmium	**0.090 B**	**5**	**ug/L**	**ICLP ILM04.0/4.1**	**03/11-03/27/09**	**K75QM1AC**
		Dilution Factor: 1		Analysis Time..: 11:19	MS Run #.....: 9070128	
		MDL.....: 0.084				
Lead	**4.1**	**3**	**ug/L**	**ICLP ILM04.0/4.1**	**03/11-03/27/09**	**K75QM1AD**
		Dilution Factor: 1		Analysis Time..: 11:19	MS Run #.....: 9070128	
		MDL.....: 1.4				

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9C060158 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C9C110000-243 **Prep Batch #...:** 9070243						
Cadmium	ND	5.0	ug/L	ICLP ILM04.0/4.1	03/11-03/27/09	K8CNR1AA
		Dilution Factor: 1				
		Analysis Time..: 11:11				
Lead	ND	3.0	ug/L	ICLP ILM04.0/4.1	03/11-03/27/09	K8CNR1AC
		Dilution Factor: 1				
		Analysis Time..: 11:11				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9C060158 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C9C110000-243 **Prep Batch #...:** 9070243					
Cadmium	103	(80 - 120)	ICLP ILM04.0/4.1	03/11-03/27/09	K8CNR1AD
		Dilution Factor: 1	Analysis Time..: 11:15		
Lead	102	(80 - 120)	ICLP ILM04.0/4.1	03/11-03/27/09	K8CNR1AE
		Dilution Factor: 1	Analysis Time..: 11:15		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9C060158 **Matrix.....:** WATER
Date Sampled...: 03/05/09 **Date Received..:** 03/06/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9C060158-001 **Prep Batch #...:** 9070243					
Cadmium	101	(75 - 125)	ICLP ILM04.0/4.1	03/11-03/27/09	K75QM1AE
		Dilution Factor: 1	Analysis Time..: 11:19		
		MS Run #.....: 9070128			
Lead	108	(75 - 125)	ICLP ILM04.0/4.1	03/11-03/27/09	K75QM1AF
		Dilution Factor: 1	Analysis Time..: 11:19		
		MS Run #.....: 9070128			

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

Metals

Client Lot #...: C9C060158 **Work Order #...:** K75QM-SMP **Matrix.....:** WATER
K75QM-DUP
Date Sampled...: 03/05/09 **Date Received..:** 03/06/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cadmium						SD Lot-Sample #: C9C060158-001		
	0.090 B	0.090 B	ug/L	0.0	(0-20)	ICLP ILM04.0/4.1	03/11-03/27/09	9070243
		Dilution Factor: 1				Analysis Time..: 11:19	MS Run Number..: 9070128	
Lead						SD Lot-Sample #: C9C060158-001		
	4.1	5.6	ug/L	31	(0-20)	ICLP ILM04.0/4.1	03/11-03/27/09	9070243
		Dilution Factor: 1				Analysis Time..: 11:19	MS Run Number..: 9070128	

NOTE(S):

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

B Estimated result. Result is less than RL.