CBS Corporation

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

October 19, 2010

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

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

Dear Mr. Murray:

On behalf of the Respondents to the Order on Consent and Settlement Agreement, Index No. B9-0381-91-8 (the "Order"), CBS Corporation (CBS) submits this monthly status report for operation and maintenance (O&M) activities at New York State Department of Environmental Conservation (NYSDEC) Site No. 9-15-066 in Cheektowaga, New York (the "Site"). Under an Agreement among the Respondents, CBS is managing the Remedial Program pursuant to the Order. This report covers activities during September 2010 and transmits the discharge monitoring report for this period.

1. Site Activities and Status

A. On September 3, 2010, Conestoga-Rovers & Associates (CRA) conducted the quarterly sampling of well MW-32.

B. On September 16, 2010, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for August 2010. That status report also transmitted the discharge monitoring data for August 2010.

C. The recovery and treatment system operated throughout September 2010.

D. CRA conducted routine and non-routine O&M, and TestAmerica Laboratories, Inc. provided analytical laboratory services, as required.

2. Sampling Results and Other Site Data

A. In September 2010, the groundwater system recovered and treated an estimated 50,000 gallons.

B. Attachment A provides the discharge monitoring report for September 2010 based on the effluent sample collected on September 28, 2010. Attachment B provides the analytical laboratory report for this effluent sample.

C. In reviewing the treatment system effluent monitoring information, please note the following:

- Flow data are provided via periodic on-site readings. The maximum daily flow was calculated from these data.

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

- The reported daily maximum values (pounds per day) are calculated using the maximum 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 September 2010 reporting period, the effluent complied with all discharge limitations.

E. Table 1 presents the results of influent sampling data, including the most recent influent sample collected on September 28, 2010. 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, target VOC concentrations are variable but exhibit an overall 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 September 3, 2010. Attachment C includes 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 exhibit a continuing downward trend.

3. Upcoming Activities

A. CBS will continue required O&M activities.

B. CRA will continue efforts to clean the effluent line from Sump 003.

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

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

4. Operational Problems

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

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

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

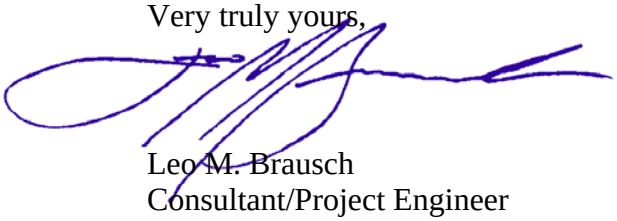
D. The Phase 1 closure of the 002 system is also expected to reduce the conveyance of groundwater containing volatile organic compounds via storm sewers installed by the Niagara Frontier Transportation Authority as part of airport development.

E. Other operational issues are being addressed in the course of O&M activities.

* * * *

Please contact me if you have questions regarding this status report.

Very truly yours,



Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

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

TABLES

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

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

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

Date of Sampling	Outfall	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
03/23/05	Composite	**46**	15 U	15 U	**250**	15 U	**2.1 B**	1.5 U
06/09/05	Composite	**100**	15 U	15 U	**1,200**	**5.4 J**	**1.2 B**	3.0 U
10/03/05	Composite	**26**	1.0 U	**2.0**	**8.6**	**11**	5.0 U	3.0 U
12/16/05	Composite	**34**	5.0 U	5.0 U	**140**	**3.5 J**	**0.68 B**	3.0 U
03/13/06	Composite	**36**	10 U	10 U	**190**	**2.6 J**	**0.95 B**	**2.0 B**
05/09/06	Composite	**87**	10 U	10 U	**710**	**5.6 J**	**1.0 B**	3.0 U
06/12/06	Composite	**72**	3.3 U	3.3 U	**190**	**4.0 J**	**0.72 B**	3.0 U
09/11/06	Composite	**16**	5.0 U	5.0 U	**85**	5 U	**0.47 B**	**2.0 B**
12/11/06	Composite	**14**	5.0 U	5.0 U	**71**	**1.8 J**	5.0 U	3.0 U
03/22/07	Composite	**32**	5.0 U	**2.7 J**	**130**	**4.6 J**	**1.2 B**	3.0 U
06/20/07	Composite	**31**	**0.45 J**	**0.76 J**	**210**	**1.7 J**	**0.44 B**	3.0 U
09/17/07	Composite	**89**	20 U	20 U	**730**	**7.0 J**	5.0 U	3.0 U
12/18/07	Composite	**18**	2.0 U	2.0 U	**90**	**1.5 J**	5.0 U	3.0 U
03/19/08	Composite	**12**	**0.38 J**	**1.0 J**	**120**	**1.2 J**	5.0 U	3.0 U
06/17/08	Composite	**20**	4.0 U	4.0 U	**190**	**2.3 J**	5.0 U	3.0 U
09/18/08	Composite	**20**	2.0 U	2.0 U	**180**	**4.4**	5.0 U	3.0 U
12/18/08	Composite	**19**	**0.17 J**	2.0 U	**98**	**2.8**	5.0 U	3.0 U
03/30/09	Composite	**5.2**	1.0 U	1.0 U	**73**	**1.6**	5.0 U	3.0 U
06/12/09	Composite	**18**	5.0 U	**1.1 J**	**180**	**2.5 J**	5.0 U	3.0 U
09/30/09	Composite (002 & 003)	**43**	10 U	10 U	**310**	**4.4 J**	**0.85 B**	3.0 U
12/29/09	Composite (002 & 003)	**19**	2.0 U	**0.51 J**	**120**	**1.1 J**	**0.56 B**	**1.9 B**
03/17/10	Composite (002 & 003)	**13**	**0.29 J**	**0.56 J**	**93**	**2.2**	5.0 U	**1.8 B**
06/30/10	Composite (002 & 003)	**24**	3.3 U	3.3 U	**310**	**1.2 J**	5.0 U	3.0 U
09/28/10	Composite (002 & 003)	**18**	2.0 U	2.0 U	**140**	**0.77 J**	5.0 U	3.0 U

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

Data Legend :

"NA" - indicates not analyzed

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

Organic data qualifiers:

U - not detected at indicated detection limit

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

Inorganic data qualifiers:

U - not detected at indicated detection limit

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

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

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

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

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
03/23/06	**350**	30 U	30 U	**290**	**36**	5.0 U	3.0 U
06/13/06	**410**	50 U	50 U	**440**	**13 J**	5.0 U	3.0 U
06/13/06 (Dup)	**540**	50 U	50 U	**880**	**51**	5.0 U	3.0 U
09/11/06	**1,400**	150 U	150 U	**2,000**	**85 J**	**0.34 B**	**4.9**
12/12/06	**290**	40 U	40 U	**67**	**42 J**	5.0 U	**1.2 B**
12/12/06 (Dup)	**590**	50 U	50 U	**240**	**75 J**	5.0 U	**3.1**
03/27/07	**380**	10 U	10 U	**22**	**36 J**	5.0 U	**2.4 B**
06/26/07	**1,700**	150 U	150 U	**23 J**	**710**	5.0 U	**1.5 B**
09/17/07	**2,500**	150 U	150 U	**410**	**140**	5.0 U	**1.5 B**
12/19/07	**1,500**	150 U	150 U	**160**	**200**	**0.29 B**	**3.0**
12/19/07 (Dup)	**1,500**	100 U	100 U	**170**	**200**	5.0 U	3.0 U
03/19/08	**530**	40 U	40 U	**110**	**53**	**0.38 B**	**2.2 B**
06/26/08	**520**	50 U	50 U	**310**	**27 J**	5.0 U	1.4 U
09/30/08	**420**	50 U	50 U	**120**	**48**	5.0 U	1.4 U
12/11/08	**200**	20 U	20 U	**200**	**9.9 J**	5.0 U	**5.4**
12/11/08 (Dup)	**170**	10 U	10 U	**180**	**9.0 J**	5.0 U	**3.5**
03/05/09	**280**	20 U	20 U	**170**	**25**	**0.090 B**	**4.1**
06/22/09	**430**	40 U	40 U	**590**	**22 J**	5.0 U	**1.6 B**
06/22/09 (Dup)	**410**	40 U	40 U	**540**	**24 J**	5.0 U	**3.4**
09/10/09	**320**	25 U	25 U	**330**	**26**	5.0 U	**3.8**
12/07/09	**390**	50 U	50 U	**370**	**17 J**	5.0 U	**2.5 B**
12/07/09 (Dup)	**380**	50 U	50 U	**370**	**16 J**	5.0 U	**1.1 B**
03/22/10	**360**	25 U	25 U	**160**	**25 J**	5.0 U	**3.1**
06/14/10	**260**	20 U	20 U	**250**	**18 J**	5.0 U	**2.5 B**
09/03/10	**240**	20 U	20 U	**240**	**17 J**	5.0 U	3.0 U

Data Legend :

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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

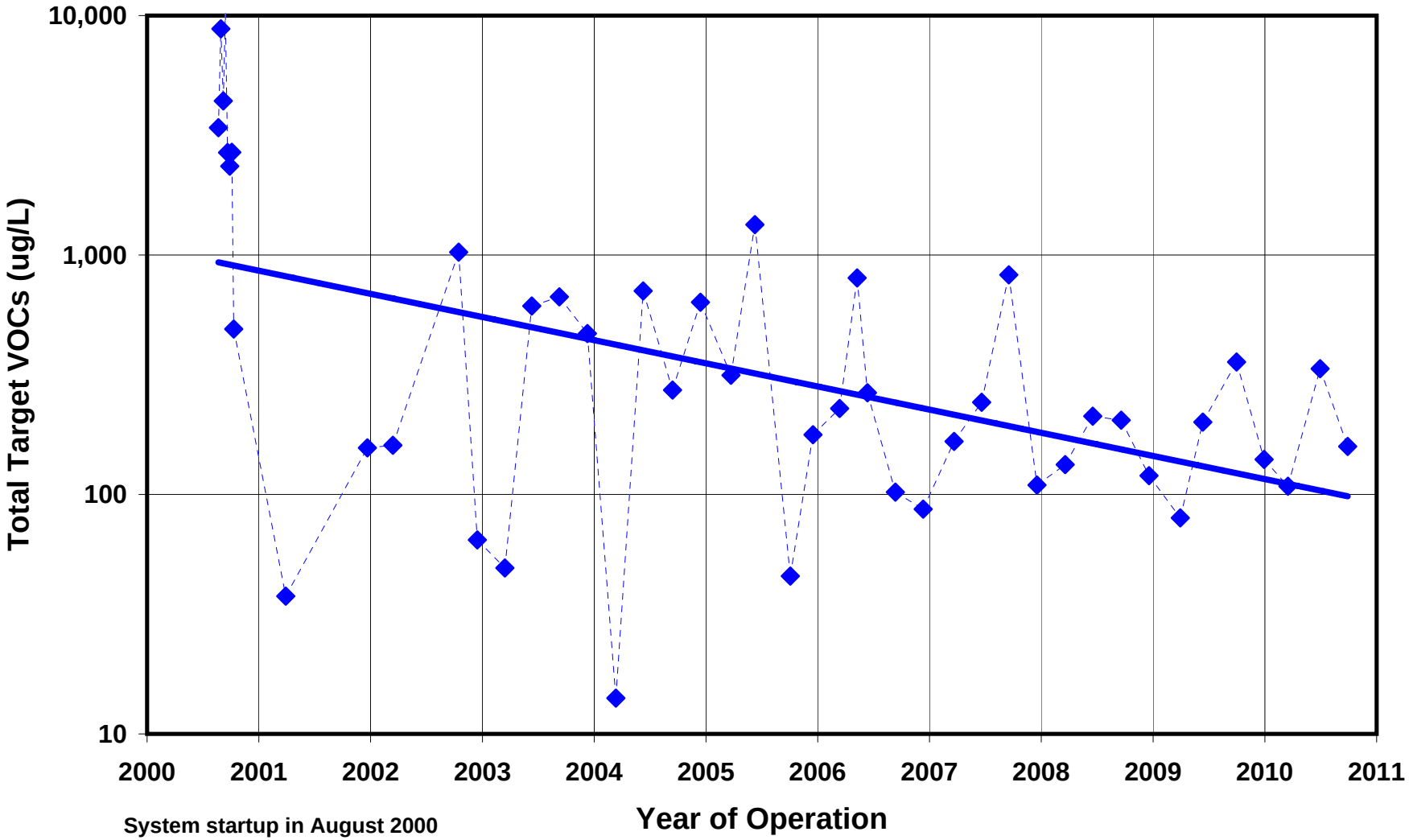
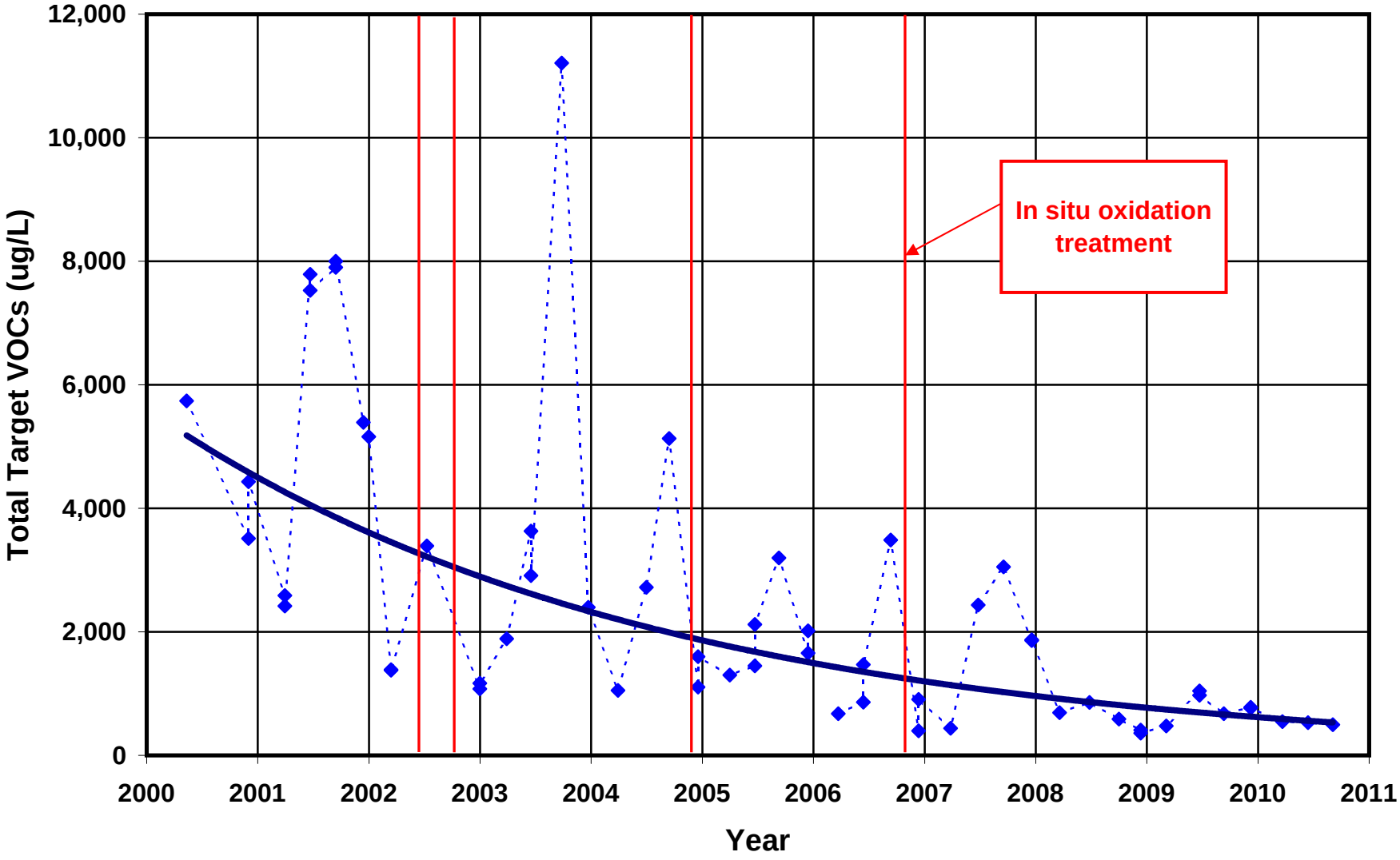


Figure 2: Total Target VOCs at MW-32



ATTACHMENT A

DISCHARGE MONITORING REPORT
SEPTEMBER 2010

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

Reporting Month & Year **Sep-10**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**1,921**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**7.00**	**7.42**	**s.u.**		**6**	**Grab**
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		**2.0**	**mg/L**	**0.032**	**1**	**Grab**
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00002**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**< 0.15**	**ug/L**	**< 0.000002**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**< 5.0**	**ug/L**	**< 0.00008**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

ANALYTICAL LABORATORY REPORT
SEPTEMBER 2010 INFLUENT AND EFFLUENT SAMPLING

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C0I300589

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

October 18, 2010

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
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X 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: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C0I300589

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on September 29, 2010. The cooler was received within the proper temperature range.

Sample TB-18036-092810 was logged in for analysis but was later deleted, as per client request.

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

GC/MS Volatiles:
TestAmerica's North Canton laboratory performed the 624 analysis. The results are included in the report.

Due to the concentration of target compounds detected and/or matrix interference, sample INF-0910 was analyzed at a dilution.

Metals:
There were no problems associated with the analyses.

General Chemistry:
The RPD between the duplicate analyses of sample EFF-0910 recovered above control limits for TSS.

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
NF office

SHIPPED TO (Laboratory Name): Test America Pittsburgh

REFERENCE NUMBER: 18036-1011
Viacom

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

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	VOCs	Metals	TSS	PH	REMARKS
	9-28-10	1120	Eff-0910	water	5	X	X	X	X	
	↓	1130	Inf-0910	↓	5	X	X	X		
			TB-18036-092810	Lab Water	2	X				

TOTAL NUMBER OF CONTAINERS: 12

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① Dave Tyran	DATE: 9-28-10 TIME: 1230	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:
D. Tyran
S. Gardner

RECEIVED FOR LABORATORY BY:
DATE: 9/29/10 TIME: 1000

Nº CRA 24539

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

METHODS SUMMARY

C0I300589

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
pH (Electrometric)	SM20 4500-H+B	SM20 4500-H B
Purgeables	CFR136A 624	SW846 5030B
Total Suspended Solids SM 2540 D	SM20 2540D	SM20 2540D
Trace Inductively Coupled Plasma (ICP) Metals	MCAWW 200.7	MCAWW 200.7

References:

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

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

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

SAMPLE SUMMARY

C0I300589

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L7RTX	001	EFF-0910	09/28/10	11:20
L7RVM	002	INF-0910	09/28/10	11:30

NOTE(S):

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

Leo Brausch Consulting

Client Sample ID: EFF-0910

GC/MS Volatiles

Lot-Sample #...: C0I300589-001 **Work Order #...:** L7RTX1AD **Matrix.....:** WATER
Date Sampled...: 09/28/10 **Date Received..:** 09/30/10 **MS Run #.....:** 0281203
Prep Date.....: 10/08/10 **Analysis Date..:** 10/08/10
Prep Batch #...: 0281348 **Analysis Time..:** 05:21
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	107	(80 - 125)
Toluene-d8	102	(84 - 110)
Bromofluorobenzene	93	(81 - 112)

Leo Brausch Consulting

Client Sample ID: INF-0910

GC/MS Volatiles

Lot-Sample #...: C0I300589-002 **Work Order #...:** L7RVM1AE **Matrix.....:** WATER
Date Sampled...: 09/28/10 **Date Received..:** 09/30/10 **MS Run #.....:** 0281203
Prep Date.....: 10/08/10 **Analysis Date..:** 10/08/10
Prep Batch #...: 0281348 **Analysis Time..:** 15:28
Dilution Factor: 2

Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	2.0	ug/L	0.26
cis-1,2-Dichloroethene	**18**	**2.0**	**ug/L**	**0.34**
Methylene chloride	ND	2.0	ug/L	0.66
Tetrachloroethene	ND	2.0	ug/L	0.58
Toluene	ND	2.0	ug/L	0.26
Trichloroethene	**140**	**2.0**	**ug/L**	**0.34**
1,1,1-Trichloroethane	ND	2.0	ug/L	0.44
Vinyl chloride	**0.77 J**	**2.0**	**ug/L**	**0.44**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(80 - 125)
Toluene-d8	101	(84 - 110)
Bromofluorobenzene	91	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0I300589 **Work Order #...:** L77L71AA **Matrix.....:** WATER
MB Lot-Sample #: A0J080000-348
Prep Date.....: 10/07/10 **Analysis Time..:** 20:04
Analysis Date..: 10/07/10 **Prep Batch #...:** 0281348
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(80 - 125)
Toluene-d8	103	(84 - 110)
Bromofluorobenzene	95	(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 #...: C0I300589 **Work Order #...:** L77L71AC **Matrix.....:** WATER
LCS Lot-Sample#: A0J080000-348
Prep Date.....: 10/07/10 **Analysis Date..:** 10/07/10
Prep Batch #...: 0281348 **Analysis Time..:** 19:39
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	93	(18 - 190)	CFR136A 624
Methylene chloride	99	(10 - 221)	CFR136A 624
Tetrachloroethene	106	(64 - 148)	CFR136A 624
Toluene	104	(47 - 150)	CFR136A 624
Trichloroethene	104	(71 - 157)	CFR136A 624
Benzene	104	(37 - 151)	CFR136A 624
Bromodichloromethane	109	(35 - 155)	CFR136A 624
Bromoform	93	(45 - 169)	CFR136A 624
Bromomethane	90	(10 - 242)	CFR136A 624
Carbon tetrachloride	110	(70 - 140)	CFR136A 624
Chlorobenzene	99	(37 - 160)	CFR136A 624
Chloroethane	96	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	109	(10 - 305)	CFR136A 624
Chloroform	108	(51 - 138)	CFR136A 624
Chloromethane	90	(10 - 273)	CFR136A 624
Dibromochloromethane	106	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	95	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	93	(18 - 190)	CFR136A 624
1,1-Dichloroethane	106	(59 - 155)	CFR136A 624
1,2-Dichloroethane	107	(49 - 155)	CFR136A 624
1,1-Dichloroethene	112	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	107	(54 - 156)	CFR136A 624
1,2-Dichloropropane	105	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	99	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	107	(17 - 183)	CFR136A 624
Ethylbenzene	102	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	100	(46 - 157)	CFR136A 624
1,1,2-Trichloroethane	103	(52 - 150)	CFR136A 624
Trichlorofluoromethane	111	(17 - 181)	CFR136A 624
1,1,1-Trichloroethane	116	(52 - 162)	CFR136A 624
Vinyl chloride	99	(10 - 251)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0I300589 **Work Order #...:** L77L71AC **Matrix.....:** WATER
LCS Lot-Sample#: A0J080000-348

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(80 - 125)
Toluene-d8	105	(84 - 110)
Bromofluorobenzene	100	(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 #...: C0I300589 **Work Order #...:** L7W9G1AE **Matrix.....:** WATER
MS Lot-Sample #: A0J040403-002
Date Sampled...: 10/01/10 **Date Received..:** 10/02/10
Prep Date.....: 10/08/10 **Analysis Date..:** 10/08/10
Prep Batch #...: 0281348 **MS Run #.....:** 0281203
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	**93**	**(90 - 115)**	**CFR136A 624**
Methylene chloride	**101**	**(78 - 131)**	**CFR136A 624**
Tetrachloroethene	**98**	**(81 - 112)**	**CFR136A 624**
Toluene	**104**	**(87 - 112)**	**CFR136A 624**
Trichloroethene	**98**	**(85 - 114)**	**CFR136A 624**
Benzene	**102**	**(90 - 114)**	**CFR136A 624**
Bromodichloromethane	**99**	**(78 - 123)**	**CFR136A 624**
Bromoform	**76**	**(40 - 141)**	**CFR136A 624**
Bromomethane	**85**	**(42 - 160)**	**CFR136A 624**
Carbon tetrachloride	**92**	**(61 - 129)**	**CFR136A 624**
Chlorobenzene	**97**	**(90 - 113)**	**CFR136A 624**
Chloroethane	**92**	**(56 - 133)**	**CFR136A 624**
2-Chloroethyl vinyl ether	**0.0 a**	**(10 - 185)**	**CFR136A 624**
Chloroform	**108**	**(90 - 118)**	**CFR136A 624**
Chloromethane	**88**	**(37 - 127)**	**CFR136A 624**
Dibromochloromethane	**91**	**(65 - 123)**	**CFR136A 624**
1,3-Dichlorobenzene	**94**	**(90 - 111)**	**CFR136A 624**
1,4-Dichlorobenzene	**92**	**(90 - 112)**	**CFR136A 624**
1,1-Dichloroethane	**104**	**(90 - 114)**	**CFR136A 624**
1,2-Dichloroethane	**104**	**(90 - 123)**	**CFR136A 624**
1,1-Dichloroethene	**109**	**(83 - 129)**	**CFR136A 624**
trans-1,2-Dichloroethene	**105**	**(85 - 116)**	**CFR136A 624**
1,2-Dichloropropane	**100**	**(87 - 119)**	**CFR136A 624**
cis-1,3-Dichloropropene	**86**	**(77 - 115)**	**CFR136A 624**
trans-1,3-Dichloropropene	**92**	**(71 - 114)**	**CFR136A 624**
Ethylbenzene	**101**	**(88 - 111)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**95**	**(77 - 133)**	**CFR136A 624**
1,1,2-Trichloroethane	**104**	**(89 - 123)**	**CFR136A 624**
Trichlorofluoromethane	**98**	**(62 - 110)**	**CFR136A 624**
1,1,1-Trichloroethane	**103**	**(82 - 119)**	**CFR136A 624**
Vinyl chloride	**94**	**(50 - 119)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(80 - 125)
Toluene-d8	105	(84 - 110)
Bromofluorobenzene	98	(81 - 112)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C0I300589 **Work Order #...:** L7W9G1AE **Matrix.....:** WATER
MS Lot-Sample #: A0J040403-002

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.

Leo Brausch Consulting

Client Sample ID: EFF-0910

TOTAL Metals

Lot-Sample #...: C0I300589-001 **Matrix.....:** WATER
Date Sampled...: 09/28/10 **Date Received..:** 09/30/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0274326						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	10/01-10/04/10	L7RTX1AA
		Dilution Factor: 1		Analysis Time..: 15:40	MS Run #.....: 0274195	
		MDL.....: 0.15				
Chromium	ND	5.0	ug/L	MCAWW 200.7	10/01-10/05/10	L7RTX1AC
		Dilution Factor: 1		Analysis Time..: 11:31	MS Run #.....: 0274195	
		MDL.....: 0.51				

Leo Brausch Consulting

Client Sample ID: INF-0910

TOTAL Metals

Lot-Sample #...: C0I300589-002 **Matrix.....:** WATER
Date Sampled...: 09/28/10 **Date Received..:** 09/30/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0274326						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	10/01-10/04/10	L7RVM1AA
		Dilution Factor: 1		Analysis Time..: 15:46	MS Run #.....: 0274195	
		MDL.....: 0.15				
Chromium	**3.0 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**10/01-10/05/10**	**L7RVM1AD**
		Dilution Factor: 1		Analysis Time..: 11:36	MS Run #.....: 0274195	
		MDL.....: 0.51				
Lead	ND	3.0	ug/L	MCAWW 200.7	10/01-10/04/10	L7RVM1AC
		Dilution Factor: 1		Analysis Time..: 15:46	MS Run #.....: 0274195	
		MDL.....: 1.2				

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0I300589 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0J010000-326 **Prep Batch #...:** 0274326						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	10/01-10/04/10	L7VE31AP
		Dilution Factor: 1				
		Analysis Time..: 15:02				
Chromium	ND	5.0	ug/L	MCAWW 200.7	10/01-10/05/10	L7VE31AR
		Dilution Factor: 1				
		Analysis Time..: 10:23				
Lead	ND	3.0	ug/L	MCAWW 200.7	10/01-10/04/10	L7VE31AX
		Dilution Factor: 1				
		Analysis Time..: 15:02				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0I300589 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0J010000-326 **Prep Batch #...:** 0274326					
Cadmium	96	(85 - 115)	MCAWW 200.7	10/01-10/04/10	L7VE31CG
		Dilution Factor: 1	Analysis Time..: 15:07		
Chromium	98	(85 - 115)	MCAWW 200.7	10/01-10/05/10	L7VE31CJ
		Dilution Factor: 1	Analysis Time..: 10:29		
Lead	97	(85 - 115)	MCAWW 200.7	10/01-10/04/10	L7VE31CP
		Dilution Factor: 1	Analysis Time..: 15:07		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0I300589 **Matrix.....:** WATER
Date Sampled...: 09/28/10 **Date Received..:** 09/29/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0I300523-001 **Prep Batch #...:** 0274326							
Cadmium	96	(70 - 130)			MCAWW 200.7	10/01-10/04/10	L7Q621D8
	96	(70 - 130)	0.47	(0-20)	MCAWW 200.7	10/01-10/04/10	L7Q621D9
		Dilution Factor: 1					
		Analysis Time..: 15:24					
		MS Run #.....: 0274195					
Chromium	96	(70 - 130)			MCAWW 200.7	10/01-10/05/10	L7Q621ED
	97	(70 - 130)	0.54	(0-20)	MCAWW 200.7	10/01-10/05/10	L7Q621EE
		Dilution Factor: 1					
		Analysis Time..: 11:20					
		MS Run #.....: 0274195					
Lead	96	(70 - 130)			MCAWW 200.7	10/01-10/04/10	L7Q621EP
	97	(70 - 130)	0.73	(0-20)	MCAWW 200.7	10/01-10/04/10	L7Q621EQ
		Dilution Factor: 1					
		Analysis Time..: 15:24					
		MS Run #.....: 0274195					

NOTE(S):

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

Leo Brausch Consulting

Client Sample ID: EFF-0910

General Chemistry

Lot-Sample #...: C0I300589-001 **Work Order #...:** L7RTX **Matrix.....:** WATER
Date Sampled...: 09/28/10 **Date Received..:** 09/30/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.0**	--	--	**SM20 4500-H+B**	**10/01/10**	**0274304**
		Dilution Factor: 1		Analysis Time..: 16:22	MS Run #.....: 0274178	
		MDL.....: 0.0				
Total Suspended Solids	**2.0 B**	**4.0**	**mg/L**	**SM20 2540D**	**10/02-10/03/10**	**0275075**
		Dilution Factor: 1		Analysis Time..: 07:00	MS Run #.....: 0275052	
		MDL.....: 2.0				

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: INF-0910

General Chemistry

Lot-Sample #...: C0I300589-002 **Work Order #...:** L7RVM **Matrix.....:** WATER
Date Sampled...: 09/28/10 **Date Received..:** 09/30/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids	**3.2 B**	**4.0**	**mg/L**	**SM20 2540D**	**10/02-10/03/10**	**0275075**

Dilution Factor: 1 Analysis Time..: 07:00 MS Run #.....: 0275052
MDL.....: 2.0

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C0I300589 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: L7WRQ1AA		MB Lot-Sample #:	C0J020000-075	
	ND	4.0	mg/L	SM20 2540D	10/02-10/03/10	0275075
		Dilution Factor: 1				
		Analysis Time..: 07:00				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0I300589 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: L7VCJ1AA	LCS Lot-Sample#: C0J010000-304		
	100	(99 - 101)	SM20 4500-H+B	10/01/10	0274304
		Dilution Factor: 1	Analysis Time..: 16:18		
Total Suspended Solids		Work Order #: L7WRQ1AC	LCS Lot-Sample#: C0J020000-075		
	99	(80 - 120)	SM20 2540D	10/02-10/03/10	0275075
		Dilution Factor: 1	Analysis Time..: 07:00		

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0I300589 **Work Order #...:** L7RX8-SMP L7RX8-DUP **Matrix.....:** WATER

Date Sampled...: 09/30/10 **Date Received..:** 09/30/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C0I300603-004		
	5.7	5.7	--	0.0	(0-2.0)	SM20 4500-H+B	10/01/10	0274304

Dilution Factor: 1 Analysis Time..: 16:24 MS Run Number..: 0274178

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0I300589 **Work Order #...:** L7RTX-SMP L7RTX-DUP **Matrix.....:** WATER

Date Sampled...: 09/28/10 **Date Received..:** 09/30/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C0I300589-001		
	2.0 B	ND	mg/L	22	(0-20)	SM20 2540D	10/02-10/03/10	0275075
			Dilution Factor: 1			Analysis Time..: 07:00	MS Run Number..: 0275052	

NOTE(S):

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

B Estimated result. Result is less than RL.

ATTACHMENT C

LABORATORY ANALYSIS REPORT
QUARTERLY GROUNDWATER MONITORING – MW-32
SEPTEMBER 2010

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C0I040467

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

September 20, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X 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: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C0I040467

Sample Receiving:
TestAmerica's Pittsburgh laboratory received samples on September 4, 2010. 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-18036-090310-MW32 was analyzed undiluted and at a dilution. Both sets of data are reported.

The associated matrix spikes were also analyzed at a dilution.

Metals:
There were no problems associated with the analyses.

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES — NY office

SHIPPED TO (Laboratory Name): Test America Pittsburgh

REFERENCE NUMBER: 18036-1031

Viacom 1/4 'Ly GW Sampling

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

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: VOCs	PARAMETERS: Cd Pb	REMARKS
	9-3-10	0955	GW-18036-090310-MW32	water	4	3	1	
			TB-18036-090310	DI water	3	3		
TOTAL NUMBER OF CONTAINERS					7			HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY: ① Dave Tyran	DATE: 9-3-10 TIME: 1100	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: D. Tyran

RECEIVED FOR LABORATORY BY: DATE: 9/4/10 TIME: 10:00

Nº CRA 24514

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

METHODS SUMMARY

C0I040467

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

C0I040467

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L6K4D	001	WG-18036-090310-MW32	09/03/10	09:55
L6K4E	002	TB-18036-090310	09/03/10	

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: WG-18036-090310-MW32

GC/MS Volatiles

Lot-Sample #...: C0I040467-001 **Work Order #...:** L6K4D1AA **Matrix.....:** WATER
Date Sampled...: 09/03/10 **Date Received..:** 09/04/10 **MS Run #.....:** 0253115
Prep Date.....: 09/10/10 **Analysis Date..:** 09/10/10
Prep Batch #...: 0253213 **Analysis Time..:** 10:35
Dilution Factor: 2
Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Toluene	ND	20	ug/L	2.0
cis-1,2-Dichloroethene	**240**	**20**	**ug/L**	**2.0**
1,1,1-Trichloroethane	ND	20	ug/L	2.0
Trichloroethene	**240**	**20**	**ug/L**	**2.0**
Vinyl chloride	**17 J**	**20**	**ug/L**	**2.0**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(88 - 110)
Bromofluorobenzene	96	(86 - 115)
1,2-Dichloroethane-d4	100	(76 - 114)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-090310-MW32

GC/MS Volatiles

Lot-Sample #...: C0I040467-001 **Work Order #...:** L6K4D2AA **Matrix.....:** WATER
Date Sampled...: 09/03/10 **Date Received..:** 09/04/10 **MS Run #.....:** 0253115
Prep Date.....: 09/10/10 **Analysis Date..:** 09/10/10
Prep Batch #...: 0253213 **Analysis Time..:** 08:51
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	**240 E**	**10**	**ug/L**	**1.0**
Vinyl chloride	**21**	**10**	**ug/L**	**1.0**

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

NOTE(S):

E Estimated result. Result concentration exceeds the calibration range.

Leo Brausch Consulting

Client Sample ID: TB-18036-090310

GC/MS Volatiles

Lot-Sample #...: C0I040467-002 **Work Order #...:** L6K4E1AA **Matrix.....:** WATER
Date Sampled...: 09/03/10 **Date Received..:** 09/04/10 **MS Run #.....:** 0253115
Prep Date.....: 09/10/10 **Analysis Date..:** 09/10/10
Prep Batch #...: 0253213 **Analysis Time..:** 09:19
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	104	(88 - 110)
Bromofluorobenzene	102	(86 - 115)
1,2-Dichloroethane-d4	109	(76 - 114)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0I040467 **Work Order #...:** L6R491AA **Matrix.....:** WATER
MB Lot-Sample #: C0I100000-213

Prep Date.....: 09/10/10 **Analysis Time..:** 08:26
Analysis Date..: 09/10/10 **Prep Batch #...:** 0253213
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	102	(88 - 110)
Bromofluorobenzene	100	(86 - 115)
1,2-Dichloroethane-d4	107	(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 #...: C0I040467 **Work Order #...:** L6R491AC **Matrix.....:** WATER
LCS Lot-Sample#: C0I100000-213
Prep Date.....: 09/10/10 **Analysis Date..:** 09/10/10
Prep Batch #...: 0253213 **Analysis Time..:** 10:11
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Trichloroethene	**102**	**(71 - 120)**	**OCLP OLM04.2**
Toluene	**106**	**(76 - 125)**	**OCLP OLM04.2**
1,1-Dichloroethene	**100**	**(61 - 145)**	**OCLP OLM04.2**
Benzene	**107**	**(76 - 127)**	**OCLP OLM04.2**
Chlorobenzene	**103**	**(75 - 130)**	**OCLP OLM04.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(88 - 110)
Bromofluorobenzene	97	(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 #...: C0I040467 **Work Order #...:** L6K4D1AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: C0I040467-001 L6K4D1AK-MSD
Date Sampled...: 09/03/10 **Date Received..:** 09/04/10 **MS Run #.....:** 0253115
Prep Date.....: 09/10/10 **Analysis Date..:** 09/10/10
Prep Batch #...: 0253213 **Analysis Time..:** 12:23
Dilution Factor: 2

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichloroethene	**87**	**(71 - 120)**			**OCLP OLM04.2**
	88	**(71 - 120)**	**0.21**	**(0-14)**	**OCLP OLM04.2**
Toluene	**92**	**(76 - 125)**			**OCLP OLM04.2**
	92	**(76 - 125)**	**0.26**	**(0-13)**	**OCLP OLM04.2**
1,1-Dichloroethene	**78**	**(61 - 145)**			**OCLP OLM04.2**
	74	**(61 - 145)**	**5.3**	**(0-14)**	**OCLP OLM04.2**
Benzene	**98**	**(76 - 127)**			**OCLP OLM04.2**
	98	**(76 - 127)**	**0.34**	**(0-11)**	**OCLP OLM04.2**
Chlorobenzene	**93**	**(75 - 130)**			**OCLP OLM04.2**
	93	**(75 - 130)**	**0.31**	**(0-13)**	**OCLP OLM04.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(88 - 110)
	101	(88 - 110)
Bromofluorobenzene	110	(86 - 115)
	109	(86 - 115)
1,2-Dichloroethane-d4	111	(76 - 114)
	112	(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-18036-090310-MW32

TOTAL Metals

Lot-Sample #...: C0I040467-001 **Matrix.....:** WATER
Date Sampled...: 09/03/10 **Date Received..:** 09/04/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0251370						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	09/08-09/10/10	L6K4D1AC
		Dilution Factor: 1		Analysis Time..: 11:34	MS Run #.....: 0251213	
		MDL.....: 0.14				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	09/08-09/10/10	L6K4D1AD
		Dilution Factor: 1		Analysis Time..: 11:34	MS Run #.....: 0251213	
		MDL.....: 0.66				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0I040467 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0I080000-370 **Prep Batch #...:** 0251370						
Cadmium	ND	5.0	ug/L	ICLP ILM04.0/4.1	09/08-09/10/10	L6NTF1AA
		Dilution Factor: 1				
		Analysis Time..: 00:00				
Lead	ND	3.0	ug/L	ICLP ILM04.0/4.1	09/08-09/10/10	L6NTF1AC
		Dilution Factor: 1				
		Analysis Time..: 00:00				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0I040467 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0I080000-370 **Prep Batch #...:** 0251370					
Cadmium	100	(80 - 120)	ICLP ILM04.0/4.1	09/08-09/10/10	L6NTF1AD
		Dilution Factor: 1	Analysis Time..: 11:29		
Lead	100	(80 - 120)	ICLP ILM04.0/4.1	09/08-09/10/10	L6NTF1AE
		Dilution Factor: 1	Analysis Time..: 11:29		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0I040467 **Matrix.....:** WATER
Date Sampled...: 09/03/10 **Date Received..:** 09/04/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0I040467-001 **Prep Batch #...:** 0251370					
Cadmium	99	(75 - 125)	ICLP ILM04.0/4.1	09/08-09/10/10	L6K4D1AE
		Dilution Factor: 1	Analysis Time..: 11:34		
		MS Run #.....: 0251213			
Lead	100	(75 - 125)	ICLP ILM04.0/4.1	09/08-09/10/10	L6K4D1AF
		Dilution Factor: 1	Analysis Time..: 11:34		
		MS Run #.....: 0251213			

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

Metals

Client Lot #...: C0I040467 **Work Order #...:** L6K4D-SMP L6K4D-DUP **Matrix.....:** WATER

Date Sampled...: 09/03/10 **Date Received..:** 09/04/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cadmium						SD Lot-Sample #: C0I040467-001		
	ND	ND	ug/L	0	(0-20)	ICLP ILM04.0/4.1	09/08-09/10/10	0251370
			Dilution Factor: 1			Analysis Time..: 11:34	MS Run Number..: 0251213	
Lead						SD Lot-Sample #: C0I040467-001		
	ND	ND	ug/L	0	(0-20)	ICLP ILM04.0/4.1	09/08-09/10/10	0251370
			Dilution Factor: 1			Analysis Time..: 11:34	MS Run Number..: 0251213	