



CBS Corporation

Environmental Remediation
11 Stanwix Street
Pittsburgh, PA 15222

November 10, 2008

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 defined in the Order. This report covers activities during the period of October 1 through October 31, 2008 and transmits the discharge monitoring report for this period.

1. Site Activities and Status

- A. On October 10, 2008, CBS submitted to NYSDEC a monthly report on the status of both routine and non-routine O&M activities at the Site for the September 2008 operating period. That status report also transmitted the discharge monitoring data for September 2008.
- B. On October 13, 2008, CBS received comments from NYSDEC (letter dated October 8, 2008) regarding the revised work plan for the partial closure those portions of the groundwater collection system that drain to Sumps 001 and 002. NYSDEC also forwarded its comment letter to the Niagara Frontier Transportation Authority (NFTA). On behalf of the Respondents, CBS modified the revised work plan and is forwarding the modified version (Rev. 1, November 7, 2008) to NYSDEC under separate cover.

- C. The recovery and treatment system operated throughout the October 2008 reporting period.
- D. 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.
- E. Pursuant to the agreements reached at the meeting of June 26, 2006, as subsequently documented via CBS' correspondence of August 8, 2006, NYSDEC is working directly with the NFTA and Mercy Flight of Western New York, Inc. regarding vapor intrusion issues associated with the redevelopment of the Flying Tigers Area (Area P) of the Site.

2. Sampling Results and Other Site Data

- A. In October 2008, the groundwater system recovered and treated an estimated 219,000 gallons.¹
- B. Attachment A provides the discharge monitoring report for October 2008 based on effluent sample collected on October 23, 2008. Attachment B provides the analytical laboratory report for the effluent sample collected on October 23, 2008.
- C. In reviewing the treatment system effluent monitoring information, please note the following:
 - The flow data are provided via on-site readings and calls into the Autodialer. The maximum daily flow was calculated from these data.
 - The pH data are provided via on-site readings, calls into the Autodialer, and laboratory analysis of the monthly effluent sample. pH data are reported only for measurements taken while the treatment pump is operating and the system is actively discharging.
 - The reported daily maximum values (pounds per day) are calculated using the maximum observed daily flow and the results of the monthly effluent monitoring, irrespective of whether the actual maximum daily flow occurred on the day of sampling.
- D. For the October 2008 reporting period, the effluent complied with all discharge limitations.
- E. Table 1 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

¹ Based on additional information and recalculation, the estimated total discharge for September 2008 has been revised to 226,000 gallons from the 228,000 gallons as indicated in the September 008 monthly status report.

collected on September 30, 2008. Attachment C includes the analytical laboratory report for this groundwater sample.

- F. Figure 1 plots target volatile organic compound (VOC) concentrations at well MW-32 over time, showing the relationship between these VOC concentrations and the past in situ treatment in Area P.

3. Upcoming Activities

- A. CBS will continue required O&M activities.
- B. Upon NYSDEC authorization to proceed, CBS will implement 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.

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 partial 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

TABLE

Table 1
Summary of Groundwater Monitoring Data, Well MW-32
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
05/11/00	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 1
Summary of Groundwater Monitoring Data, Well MW-32
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
06/22/05	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

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

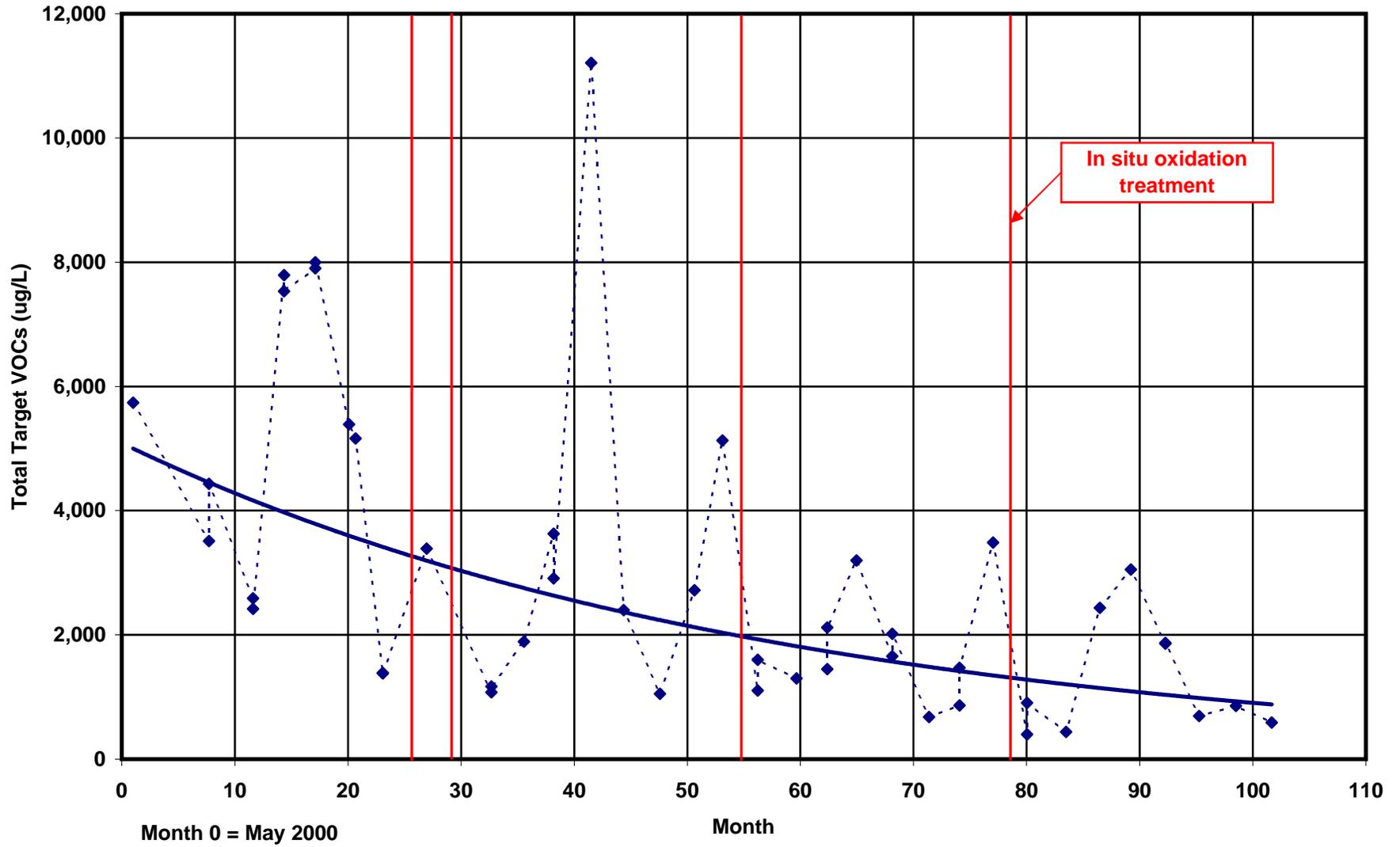
Inorganic data qualifiers:

U - not detected at indicated detection limit

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

FIGURE

Figure 1: Total Target VOCs at MW-32



ATTACHMENT A
DISCHARGE MONITORING REPORT
OCTOBER 2008

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

Reporting Month & Year **Oct-08**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		10,458	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	6.81	7.60	s.u.		9	Grab
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		< 4.0	mg/L	0.39	1	Grab
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		< 1.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		< 1.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		1.0	ug/L	0.000087	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		< 0.43	ug/L	< 0.000038	1	Grab
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		3.5	ug/L	0.00031	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
ANALYTICAL LABORATORY REPORT
EFFLUENT SAMPLING - OCTOBER 2008

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

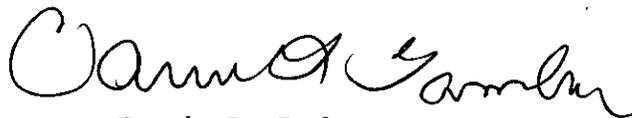
Leo Brausch Buffalo Airport

Lot #: C8J250125

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

November 5, 2008



NELAC REPORTING:

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

Certifying State/Program	Certificate #	Program Types	TestAmerica
NFESC	NA	NAVY	X
US Dept of Agriculture	(#P330-07-00101)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW	X
		HW	X
California – NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida – NELAC	(#E87660)	WW	X
		HW	X
Illinois – NELAC	(#200005)	WW	X
		HW	X
Kansas – NELAC	(#E-10350)	WW	X
		HW	X
Louisiana – NELAC	(#93200)	WW	X
		HW	X
New Hampshire – NELAC	(#203002)	WW	X
		-	-
New Jersey – NELAC	(PA-005)	WW	X
		HW	X
New York – NELAC	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014001)	WW	X
		HW	X
Utah – NELAC	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

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

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CASE NARRATIVE

Leo Brausch Consulting

Lot # C8J250125

Sample Receiving:

TestAmerica's Pittsburgh laboratory received one sample on October 24, 2008. The cooler was received within the proper temperature range.

GC/MS Volatiles:

TestAmerica's North Canton laboratory performed the 624 analysis. All results are included in the report.

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

Metals:

There were no problems associated with the analysis.

General Chemistry:

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

The RPD between the sample and its duplicate was outside QC limits for TSS.

METHODS SUMMARY

C8J250125

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
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

C8J250125

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
K1L5N	001	EFF1008	10/23/08	09:00

NOTE(S) :

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

Leo Brausch Consulting

Client Sample ID: EFF1008

GC/MS Volatiles

Lot-Sample #....: C8J250125-001 Work Order #....: K1L5N1AD Matrix.....: WATER
Date Sampled....: 10/23/08 Date Received...: 10/24/08 MS Run #.....: 8305256
Prep Date.....: 10/31/08 Analysis Date...: 10/31/08
Prep Batch #....: 8305458 Analysis Time...: 01:10
Dilution Factor: 1
Method.....: CFR136A 624

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

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
1,2-Dichloroethane-d4	98	(80 - 125)
Toluene-d8	91	(84 - 110)
Bromofluorobenzene	87	(81 - 112)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8J250125
 MB Lot-Sample #: A8J310000-458
 Analysis Date...: 10/30/08
 Dilution Factor: 1

Work Order #...: K12RK1AA
 Prep Date.....: 10/30/08
 Prep Batch #...: 8305458

Matrix.....: WATER
 Analysis Time...: 18:32

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Toluene	ND	1.0	ug/L	CFR136A 624
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
Trichloroethene	ND	1.0	ug/L	CFR136A 624
Methylene chloride	0.48 J	1.0	ug/L	CFR136A 624
Tetrachloroethene	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	ND	1.0	ug/L	CFR136A 624

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
1,2-Dichloroethane-d4	97	(80 - 125)
Toluene-d8	91	(84 - 110)
Bromofluorobenzene	87	(81 - 112)

NOTE(S) :

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C8J250125 Work Order #...: K12RK1AC Matrix.....: WATER
 LCS Lot-Sample#: A8J310000-458
 Prep Date.....: 10/30/08 Analysis Date...: 10/30/08
 Prep Batch #...: 8305458 Analysis Time...: 18:07
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	89	(37 - 151)	CFR136A 624
Bromodichloromethane	85	(35 - 155)	CFR136A 624
Bromoform	67	(45 - 169)	CFR136A 624
Bromomethane	103	(10 - 242)	CFR136A 624
Carbon tetrachloride	96	(70 - 140)	CFR136A 624
Chlorobenzene	88	(37 - 160)	CFR136A 624
Chloroethane	92	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	104	(10 - 305)	CFR136A 624
Chloroform	94	(51 - 138)	CFR136A 624
Chloromethane	80	(10 - 273)	CFR136A 624
Dibromochloromethane	74	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	83	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	80	(18 - 190)	CFR136A 624
1,1-Dichloroethane	99	(59 - 155)	CFR136A 624
1,2-Dichloroethane	96	(49 - 155)	CFR136A 624
1,1-Dichloroethene	124	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	104	(54 - 156)	CFR136A 624
1,2-Dichloropropane	87	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	80	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	73	(17 - 183)	CFR136A 624
Ethylbenzene	81	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	99	(46 - 157)	CFR136A 624
1,1,1-Trichloroethane	103	(52 - 162)	CFR136A 624
1,1,2-Trichloroethane	93	(52 - 150)	CFR136A 624
Trichlorofluoromethane	125	(17 - 181)	CFR136A 624
Vinyl chloride	95	(10 - 251)	CFR136A 624
1,2-Dichlorobenzene	86	(18 - 190)	CFR136A 624
Methylene chloride	89	(10 - 221)	CFR136A 624
Tetrachloroethene	87	(64 - 148)	CFR136A 624
Toluene	84	(47 - 150)	CFR136A 624
Trichloroethene	95	(71 - 157)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C8J250125

Work Order #...: K12RK1AC

Matrix.....: WATER

LCS Lot-Sample#: A8J310000-458

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	102	(80 - 125)
Toluene-d8	92	(84 - 110)
Bromofluorobenzene	90	(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 #....: C8J250125 Work Order #....: K1RE31AG Matrix.....: WATER
 MS Lot-Sample #: A8J280262-002
 Date Sampled....: 10/28/08 Date Received...: 10/28/08
 Prep Date.....: 10/31/08 Analysis Date...: 10/31/08
 Prep Batch #....: 8305458 MS Run #.....: 8305256
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	85 a	(90 - 114)	CFR136A 624
Bromodichloromethane	73 a	(78 - 123)	CFR136A 624
Bromoform	50	(40 - 141)	CFR136A 624
Bromomethane	99	(42 - 160)	CFR136A 624
Carbon tetrachloride	73	(61 - 129)	CFR136A 624
Chlorobenzene	80 a	(90 - 113)	CFR136A 624
Chloroethane	91	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)	CFR136A 624
Chloroform	90	(90 - 118)	CFR136A 624
Chloromethane	79	(37 - 127)	CFR136A 624
Dibromochloromethane	60 a	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	73 a	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	72 a	(90 - 112)	CFR136A 624
1,1-Dichloroethane	97	(90 - 114)	CFR136A 624
1,2-Dichloroethane	92	(90 - 123)	CFR136A 624
1,1-Dichloroethene	117	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	98	(85 - 116)	CFR136A 624
1,2-Dichloropropane	83 a	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	67 a	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	59 a	(71 - 114)	CFR136A 624
Ethylbenzene	71 a	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	91	(77 - 133)	CFR136A 624
1,1,1-Trichloroethane	87	(82 - 119)	CFR136A 624
1,1,2-Trichloroethane	85 a	(89 - 123)	CFR136A 624
Trichlorofluoromethane	115 a	(62 - 110)	CFR136A 624
Vinyl chloride	92	(50 - 119)	CFR136A 624
1,2-Dichlorobenzene	80 a	(90 - 115)	CFR136A 624
Methylene chloride	85	(78 - 131)	CFR136A 624
Tetrachloroethene	76 a	(81 - 112)	CFR136A 624
Toluene	77 a	(87 - 112)	CFR136A 624
Trichloroethene	89	(85 - 114)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	104	(80 - 125)
Toluene-d8	91	(84 - 110)
Bromofluorobenzene	90	(81 - 112)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C8J250125

Work Order #...: K1RE31AG

Matrix.....: WATER

MS Lot-Sample #: A8J280262-002

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: EFF1008

TOTAL Metals

Lot-Sample #...: C8J250125-001

Matrix.....: WATER

Date Sampled...: 10/23/08

Date Received...: 10/24/08

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #...	8303295					
Cadmium	ND	5.0	ug/L	MCAWW 200.7	10/29-10/31/08	KIL5N1AA
		Dilution Factor: 1		Analysis Time..: 10:27	MS Run #.....: 8303193	
		MDL.....: 0.43				
Chromium	3.5 B	5.0	ug/L	MCAWW 200.7	10/29-10/31/08	KIL5N1AC
		Dilution Factor: 1		Analysis Time..: 10:27	MS Run #.....: 8303193	
		MDL.....: 0.59				

NOTE(S) :

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: C8J250125

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>WORK</u> <u>ORDER #</u>
MB Lot-Sample #: C8J290000-295 Prep Batch #....: 8303295						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	10/29-10/31/08	K1VEL1AD
		Dilution Factor: 1				
		Analysis Time...: 09:38				
Chromium	ND	5.0	ug/L	MCAWW 200.7	10/29-10/31/08	K1VEL1AE
		Dilution Factor: 1				
		Analysis Time...: 09:38				

NOTE(S) :

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C8J250125

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: C8J290000-295 Prep Batch #....: 8303295					
Cadmium	103	(85 - 115)	MCAWW 200.7	10/29-10/31/08	K1VEL1AN
		Dilution Factor: 1		Analysis Time..: 09:43	
Chromium	103	(85 - 115)	MCAWW 200.7	10/29-10/31/08	K1VEL1AP
		Dilution Factor: 1		Analysis Time..: 09:43	

NOTE(S) :

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8J250125

Matrix.....: WATER

Date Sampled...: 10/22/08

Date Received...: 10/23/08

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: C8J230271-002 Prep Batch #...: 8303295							
Cadmium	101	(70 - 130)			MCAWW 200.7	10/29-10/31/08	K1GH01AQ
	99	(70 - 130)	1.1	(0-20)	MCAWW 200.7	10/29-10/31/08	K1GH01AR
		Dilution Factor: 1					
		Analysis Time...: 10:00					
		MS Run #.....: 8303193					
Chromium	102	(70 - 130)			MCAWW 200.7	10/29-10/31/08	K1GH01AT
	101	(70 - 130)	0.38	(0-20)	MCAWW 200.7	10/29-10/31/08	K1GH01AU
		Dilution Factor: 1					
		Analysis Time...: 10:00					
		MS Run #.....: 8303193					

NOTE(S) :

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

Leo Brausch Consulting

Client Sample ID: EFF1008

General Chemistry

Lot-Sample #...: C8J250125-001
Date Sampled...: 10/23/08

Work Order #...: K1L5N
Date Received...: 10/24/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
pH	7.6	--	No Units	SM20 4500-H+B	10/27/08	8301110
			Dilution Factor: 1	Analysis Time..: 14:46	MS Run #.....: 8301072	
			MDL.....: --			
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	10/26/08	8300015
			Dilution Factor: 1	Analysis Time..: 00:00	MS Run #.....: 8300006	
			MDL.....: 2.0			

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C8J250125

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	10/26/08	8300015
		Work Order #: K1MXF1AA		MB Lot-Sample #: C8J260000-015		
		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

General Chemistry

Client Lot #...: C8J250125

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
pH	101	Work Order #: K1NCE1AA (99 - 101)	LCS Lot-Sample#: C8J270000-110 SM20 4500-H+B	10/27/08	8301110
		Dilution Factor: 1		Analysis Time..: 00:00	
Total Suspended Solids	94	Work Order #: K1MXF1AC (80 - 120)	LCS Lot-Sample#: C8J260000-015 SM20 2540D	10/26/08	8300015
		Dilution Factor: 1		Analysis Time..: 00:00	

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C8J250125

Work Order #...: K1L5N-SMP
K1L5N-DUP

Matrix.....: WATER

Date Sampled...: 10/23/08

Date Received...: 10/24/08

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD LIMIT</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Suspended Solids	ND	ND	mg/L	29	(0-20)	SM20 2540D	10/26/08	8300015
			Dilution Factor: 1			Analysis Time...: 00:00	MS Run Number...: 8300006	
						SD Lot-Sample #: C8J250125-001		
pH	7.6	7.6	No Units	0.13	(0-2.0)	SM20 4500-H+B	10/27/08	8301110
			Dilution Factor: 1			Analysis Time...: 14:46	MS Run Number...: 8301072	
						SD Lot-Sample #: C8J250125-001		

ATTACHMENT C
ANALYTICAL LABORATORY REPORT
QUARTERLY SAMPLING – MONITORING WELL MW-32

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C8J010334

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

October 20, 2008



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
US Dept of Agriculture	NA	NAVY	X
Arkansas	(#P330-07-00101)	Foreign Soil Import Permit	X
	(#03-022-1)	WW	X
		HW	X
California – NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida – NELAC	(#E87660)	WW	X
		HW	X
Illinois – NELAC	(#200005)	WW	X
		HW	X
Kansas – NELAC	(#E-10350)	WW	X
		HW	X
Louisiana – NELAC	(#93200)	WW	X
		HW	X
New Hampshire – NELAC	(#203002)	WW	X
		--	--
New Jersey – NELAC	(PA-005)	WW	X
		HW	X
New York – NELAC	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014001)	WW	X
		HW	X
Utah – NELAC	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

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

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

CASE NARRATIVE

Leo Brausch Consulting

Lot # C8J010334

Sample Receiving:

TestAmerica's Pittsburgh laboratory received samples on October 1, 2008. The cooler was received within the proper temperature range.

GC/MS Volatiles:

Due to the concentration of target compounds detected, sample WG-18036-093008-MW-32 was analyzed at a dilution.

Metals:

The relative percent difference between sample WG-18036-093008-MW-32 and the duplicate digestion of this sample was outside of the control limits for lead.

METHODS SUMMARY

C8J010334

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

References:

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

SAMPLE SUMMARY

C8J010334

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
KX1A5	001	WG-18036-093008-MW-32	09/30/08	10:15
KX1CF	002	TB-18036-093008	09/30/08	

NOTE(S) :

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

CHAIN OF CUSTODY RECORD


CONESTOGA-ROVERS & ASSOCIATES
 N.F. OFFICE

SHIPPED TO (Laboratory Name):
STL PITTSBURGH

REFERENCE NUMBER: **18034-527831**
VIACOM YALY GW SAMPLING

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS		REMARKS
						Yc's	METALS	
	9-30-08	1015	WB-18034-093008 - HW-32	WATER A	1	X	X	
	↓		TB-18034-093008	LAS WATER 3	3	X	X	
<div style="display: flex; justify-content: space-between;"> TOTAL NUMBER OF CONTAINERS 7 HEALTH/CHEMICAL HAZARDS </div>								

RELINQUISHED BY: *Shawn Gardner* DATE: **9-30-08** RECEIVED BY: ①
 TIME: **1200**

RELINQUISHED BY: _____ DATE: _____ RECEIVED BY: ②
 TIME: _____

RELINQUISHED BY: _____ DATE: _____ RECEIVED BY: ③
 TIME: _____

METHOD OF SHIPMENT: **FED EX** WAY BILL No. _____

SAMPLE TEAM:
D TYRAN
S. GARDNER

RECEIVED FOR LABORATORY BY: _____
 DATE: _____ TIME: _____

N^o **CRA 17518**

Leo Brausch Consulting

Client Sample ID: WG-18036-093008-MW-32

GC/MS Volatiles

Lot-Sample #....: C8J010334-001
Date Sampled....: 09/30/08
Prep Date.....: 10/09/08
Prep Batch #....: 8283393
Dilution Factor: 3

Work Order #....: KX1A51AA
Date Received...: 10/01/08
Analysis Date...: 10/09/08
Analysis Time...: 12:41

Matrix.....: WATER
MS Run #.....: 8283259

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Toluene	ND	30	ug/L	3.0
cis-1,2-Dichloroethene	420	30	ug/L	3.0
1,1,1-Trichloroethane	ND	30	ug/L	3.0
Trichloroethene	120	30	ug/L	3.0
Vinyl chloride	48	30	ug/L	3.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	98	(88 - 110)
Bromofluorobenzene	92	(86 - 115)
1,2-Dichloroethane-d4	96	(76 - 114)

Leo Brausch Consulting

Client Sample ID: TB-18036-093008

GC/MS Volatiles

Lot-Sample #....: C8J010334-002
Date Sampled....: 09/30/08
Prep Date.....: 10/09/08
Prep Batch #....: 8283393
Dilution Factor: 1

Work Order #....: KX1CF1AA
Date Received...: 10/01/08
Analysis Date...: 10/09/08
Analysis Time...: 11:56

Matrix.....: WATER
MS Run #.....: 8283259

Method.....: OCLP OLM04.2

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

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	95	(88 - 110)
Bromofluorobenzene	91	(86 - 115)
1,2-Dichloroethane-d4	96	(76 - 114)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8J010334
 MB Lot-Sample #: C8J090000-393
 Analysis Date...: 10/09/08
 Dilution Factor: 1

Work Order #...: KOHEH1AA
 Prep Date.....: 10/09/08
 Prep Batch #...: 8283393

Matrix.....: WATER
 Analysis Time...: 10:05

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
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	98	(88 - 110)
Bromofluorobenzene	92	(86 - 115)
1,2-Dichloroethane-d4	97	(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 #....: C8J010334 Work Order #....: KOHEH1AC Matrix.....: WATER
 LCS Lot-Sample#: C8J090000-393
 Prep Date.....: 10/09/08 Analysis Date...: 10/09/08
 Prep Batch #....: 8283393 Analysis Time...: 10:44
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Trichloroethene	99	(71 - 120)	OCLP OLM04.2
Toluene	101	(76 - 125)	OCLP OLM04.2
1,1-Dichloroethene	101	(61 - 145)	OCLP OLM04.2
Benzene	99	(76 - 127)	OCLP OLM04.2
Chlorobenzene	98	(75 - 130)	OCLP OLM04.2

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	98	(88 - 110)
Bromofluorobenzene	93	(86 - 115)
1,2-Dichloroethane-d4	98	(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 #....: C8J010334	Work Order #....: KX1A51AE-MS	Matrix.....: WATER
MS Lot-Sample #: C8J010334-001	KX1A51AF-MSD	
Date Sampled....: 09/30/08	Date Received...: 10/01/08	MS Run #.....: 8283259
Prep Date.....: 10/09/08	Analysis Date...: 10/09/08	
Prep Batch #....: 8283393	Analysis Time...: 13:18	
Dilution Factor: 3		

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Trichloroethene	100	(71 - 120)			OCLP OLM04.2
	99	(71 - 120)	0.63	(0-14)	OCLP OLM04.2
Toluene	104	(76 - 125)			OCLP OLM04.2
	102	(76 - 125)	1.8	(0-13)	OCLP OLM04.2
1,1-Dichloroethene	106	(61 - 145)			OCLP OLM04.2
	103	(61 - 145)	2.9	(0-14)	OCLP OLM04.2
Benzene	102	(76 - 127)			OCLP OLM04.2
	100	(76 - 127)	1.2	(0-11)	OCLP OLM04.2
Chlorobenzene	102	(75 - 130)			OCLP OLM04.2
	101	(75 - 130)	0.72	(0-13)	OCLP OLM04.2

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	100	(88 - 110)
	99	(88 - 110)
Bromofluorobenzene	96	(86 - 115)
	93	(86 - 115)
1,2-Dichloroethane-d4	102	(76 - 114)
	99	(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-18036-093008-MW-32

TOTAL Metals

Lot-Sample #...: C8J010334-001
Date Sampled...: 09/30/08

Date Received...: 10/01/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 8283411						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	10/09-10/20/08	KX1A51AC
		Dilution Factor: 1		Analysis Time...: 09:43	MS Run #.....: 8283281	
		MDL.....: 0.12				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	10/09-10/20/08	KX1A51AD
		Dilution Factor: 1		Analysis Time...: 09:43	MS Run #.....: 8283281	
		MDL.....: 1.4				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: C8J010334

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8J090000-411 Prep Batch #....: 8283411						
Cadmium	ND	5.0	ug/L	ICLP ILM04.0/4.1	10/09-10/20/08	K0HJ51AA
		Dilution Factor: 1				
		Analysis Time...: 09:34				
Lead	ND	3.0	ug/L	ICLP ILM04.0/4.1	10/09-10/20/08	K0HJ51AC
		Dilution Factor: 1				
		Analysis Time...: 09:34				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C8J010334

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#:	C8J090000-411	Prep Batch #....:	8283411		
Cadmium	103	(80 - 120)	ICLP ILM04.0/4.1	10/09-10/20/08	K0HJ51AD
		Dilution Factor: 1	Analysis Time...:	09:39	
Lead	102	(80 - 120)	ICLP ILM04.0/4.1	10/09-10/20/08	K0HJ51AE
		Dilution Factor: 1	Analysis Time...:	09:39	

NOTE(S) :

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8J010334
Date Sampled...: 09/30/08

Date Received...: 10/01/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: C8J010334-001			Prep Batch #...: 8283411		
Cadmium	99	(75 - 125)	ICLP ILM04.0/4.1	10/09-10/20/08	KX1A51AG
		Dilution Factor: 1		Analysis Time...: 09:43	
		MS Run #.....: 8283281			
Lead	103	(75 - 125)	ICLP ILM04.0/4.1	10/09-10/20/08	KX1A51AH
		Dilution Factor: 1		Analysis Time...: 09:43	
		MS Run #.....: 8283281			

NOTE(S) :

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

SAMPLE DUPLICATE EVALUATION REPORT

Metals

Client Lot #....: C8J010334

Work Order #....: KX1A5-SMP
KX1A5-DUP

Matrix.....: WATER

Date Sampled....: 09/30/08

Date Received...: 10/01/08

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u> <u>RESULT</u>	<u>UNITS</u>	<u>RPD</u> <u>RPD</u>	<u>RPD</u> <u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
Cadmium	ND	ND	ug/L	0	(0-20)	SD Lot-Sample #: C8J010334-001 ICLP ILM04.0/4.1	10/09-10/20/08	8283411
			Dilution Factor: 1			Analysis Time...: 09:43	MS Run Number...: 8283281	
Lead	ND	1.9 B	ug/L	200	(0-20)	SD Lot-Sample #: C8J010334-001 ICLP ILM04.0/4.1	10/09-10/20/08	8283411
			Dilution Factor: 1			Analysis Time...: 09:43	MS Run Number...: 8283281	

NOTE(S) :

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

B Estimated result. Result is less than RL.