



CBS Corporation

Environmental Remediation
11 Stanwix Street
Pittsburgh, PA 15222

October 15, 2007

Martin L. Doster, P.E.
New York State Department of Environmental Conservation
Division of Environmental 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. Biel:

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 under the Order. This report covers activities during the period of September 1 through September 30, 2007 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

- A. On September 8, 2007, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the August 2007 operating period. That status report also transmitted the discharge monitoring data for August 2007.
- B. The recovery and treatment system operated throughout the September 2007 reporting period.
- C. Conestoga-Rovers & Associates (CRA) conducted O&M on behalf of CBS, and TestAmerica Laboratories, Inc. (TestAmerica) provided analytical laboratory services, as required.

- D. On September 18, 2007, CRA met with Niagara Frontier Transportation Authority (NFTA) engineering personnel to review available information regarding the suspected connection between the parking lot tunnel sump and the groundwater collection system draining to Sump 002.
- E. On September 19, 2007, CBS discussed with NYSDEC by telephone and forwarded via email its proposed plan for the trial shutdown of the portion of the groundwater collection system that drains to Sump 002. NYSDEC gave verbal approval to CBS' plan.

2. Sampling Results and Other Site Data

- A. In September 2007, the groundwater system recovered an estimated 186,000 gallons.
- B. Attachment A provides the discharge monitoring report for September 2007 based on effluent sample collected on September 17, 2007, and Attachment B includes the analytical laboratory report for this effluent sample.
- C. In reviewing the treatment system effluent monitoring information, please note the following:
 - The flow data are provided via on-site readings and calls into the Autodialer. The maximum daily flow was calculated from these data.
 - The pH data are provided via on-site readings, calls into the Autodialer, and laboratory analysis of the monthly effluent sample. Effluent pH data are reported only for measurements taken while the treatment pump is operating and the system is actively discharging.
 - The reported daily maximum values (pounds per day) are calculated using the maximum observed daily flow and the results of the monthly effluent monitoring, irrespective of whether the actual maximum daily flow occurred on the day of sampling.
- D. For the September 2007 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 17, 2007. Attachment B includes the analytical laboratory report for this influent sample.
- F. Table 2 presents the results of quarterly monitoring of well MW-32 located in Area P at the northern portion of the Site, , including the most recent influent

sample collected on September 17, 2007. Attachment C provides the analytical laboratory report for this well sample.

- G. Table 3 shows the relationship between target volatile organic compound concentrations and the past in situ treatment in Area P. Figure 1 plots these VOC concentrations over time.

3. Upcoming Activities

- A. As described in the email correspondence to NYSDEC on September 19, 2007, and with the understanding that the NFTA parking lot tunnel sump does not discharge to the collection and treatment system, CBS proposes to undertake the previously planned temporary shutdown of the 002 portion of collection system.
- B. Prior to initiating this trial shutdown, CBS will investigate the suspected past overflow of Sump 002, as was suspected based on NYSDEC's site inspection of September 26, 2007, and report its findings to NYSDEC.

4. Operational Problems

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

* * * *

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

Respectfully submitted,



Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

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

TABLES

Table 1
Summary of Treatment System
Influent Monitoring Data

Date of Sampling	Outfall	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
08/21/00	Composite	200 U	200 U	200 U	3,100	200 U	1.5	NA
08/29/00	Composite	200 U	200 U	200 U	8,500	200 U	0.7	NA
09/06/00	Composite	200 U	200 U	200 U	4,100	200 U	0.7 U	NA
09/13/00	Composite	400 U	400 U	400 U	9,600	400 U	1.6	NA
09/20/00	Composite	54 J	100 U	100 U	2,500	100 U	0.6 U	NA
09/27/00	Composite	100 U	100 U	100 U	2,200	100 U	0.68 B	NA
10/04/00	Composite	60 J	100 U	100 U	2,500	100 U	0.69 B	NA
10/10/00	Composite	23 J	25 U	25 U	430	25 U	0.5 U	NA
03/29/01	Composite	9.1 J	10 U	1.4 J	16	10 U	1.5	2.47 U
06/26/01	001	25	5 U	0.9 J	37	5 U	448	NA
06/26/01	002	16	5 U	2.3 J	280	5 U	3.0 U	NA
06/26/01	003	510	5 U	4.5 J	1,700	5 U	3.0 U	NA
09/29/01	Comp - Perm	18	25 U	4 J	8.3 J	10 U	0.25 U	7.4
09/29/01	Comp - Temp	14 J	25 U	25 U	350	25 U	0.25 U	8.7
12/21/01	Composite	14	10 U	10 U	130	10 U	1.7	4.1 U
03/14/02	Composite	18	10 U	10 U	130	10 U	0.29	4.5
10/15/02	Composite	11.3	530	9.0	990	16	5 U	NA
12/15/02	Composite	7.3	19	0.16	46	1.3	8.4	50 U
03/15/03	Composite	7.8	14	1.0	29	NA	21	3 U
06/11/03	Composite	11.0	130	64	570	25 U	4.2	5.5
09/09/03	Composite	8.6	290	25 U	620	15	3.0	3.5
12/10/03	Composite	8.6	54	25 U	430	25 U	2.5	3.0
03/12/04	Composite	7.7	51	2 U	3.9	2 U	1.4	1.6
06/09/04	Composite	8.3	54	40 U	650	40 U	1.8	6.8
09/13/04	Composite	10.3	98	10 U	250	10 U	1.8	2.2
12/13/04	Composite	140	4.4 J	20 U	470	20 U	0.81 B	1.6 B

Table 1
Summary of Treatment System
Influent Monitoring Data

Date of Sampling	Outfall	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
03/23/05	Composite	46	15 U	15 U	250	15 U	2.1 B	1.5 U
06/09/05	Composite	100	15 U	15 U	1,200	5.4 J	1.2 B	3.0 U
10/03/05	Composite	26	1 U	2.0	8.6	11	5.0 U	3.0 U
12/16/05	Composite	34	5 U	5 U	140	3.5 J	0.68 B	3.0 U
03/13/06	Composite	36	10 U	10 U	190	2.6 J	0.95 B	2.0 B
05/09/06	Composite	87	10 U	10 U	710	5.6 J	1.0 B	3.0 U
06/12/06	Composite	72	3.3 U	3.3 U	190	4.0 J	0.72 B	3.0 U
09/11/06	Composite	16	5 U	5 U	85	5 U	0.47 B	2.0 B
12/11/06	Composite	14	5 U	5 U	71	1.8 J	5.0 U	3.0 U
03/22/07	Composite	32	5 U	2.7 J	130	4.6 J	1.2 B	3.0 U
06/20/07	Composite	31	0.45 J	0.76 J	210	1.7 J	0.44 B	3.0 U
09/17/07	Composite	89	20 U	20 U	730	7.0 J	5.0 U	3.0 U

Data Legend:

"NA" - indicates not analyzed

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

Organic data qualifiers:

U - not detected at indicated detection limit

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

Inorganic data qualifiers:

U - not detected at indicated detection limit

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

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

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

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

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
06/22/05	540	10 U	10 U	810	100	5.0 U	3.0 U
06/22/05 (Dup)	1,100	100 U	100 U	880	140	5.0 U	3.0 U
09/09/05	1,400	330 U	330 U	1,700	96 J	5.0 U	3.0 U
12/14/05	900	10 U	10 U	700	56	5.0 U	3.0 U
12/14/05 (Dup)	1,200	100 U	100 U	750	68 J	5.0 U	3.0 U
03/23/06	350	30 U	30 U	290	36	5.0 U	3.0 U
06/13/06	410	50 U	50 U	440	13 J	5.0 U	3.0 U
06/13/06 (Dup)	540	50 U	50 U	880	51	5.0 U	3.0 U
09/11/06	1,400	150 U	150 U	2,000	85 J	0.34 B	4.9
12/12/06	290	40 U	40 U	67	42 J	5.0 U	1.2 B
12/12/06 (Dup)	590	50 U	50 U	240	75 J	5.0 U	3.1
03/27/07	380	10 U	10 U	22	36 J	5.0 U	2.4 B
06/26/07	1,700	150 U	150 U	23 J	710	5.0 U	1.5 B
09/17/07	2,500	150 U	150 U	410	140	5.0 U	1.5 B

Data Legend:

"NA" - indicates not analyzed

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

Organic data qualifiers:

U - not detected at indicated reporting limit

J - estimated concentration

Inorganic data qualifiers:

U - not detected at indicated detection limit

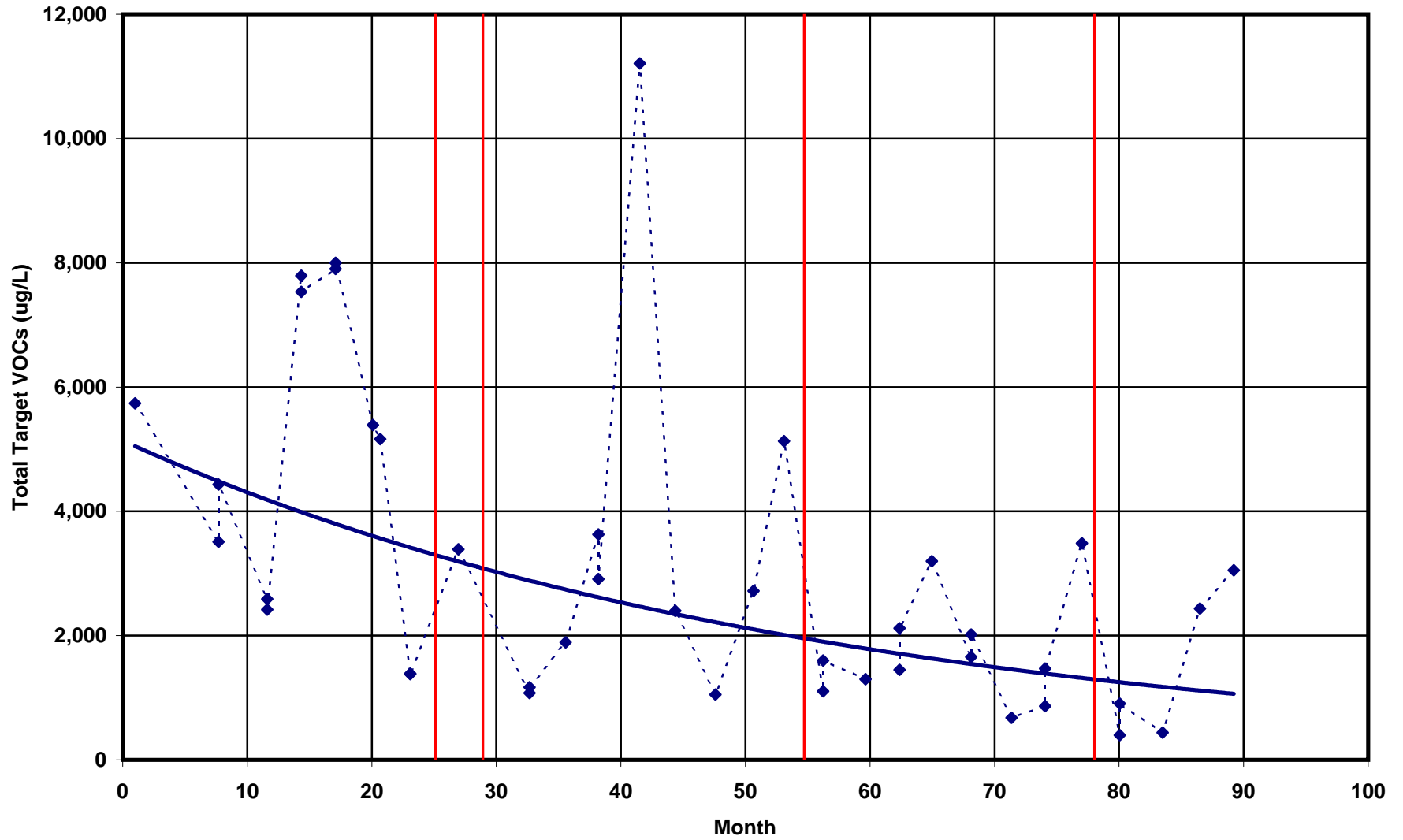
B - detected concentration below contract required detection limit but above instrument detection limit.

Table 3
Evaluation of In Situ Oxidation Treatment
Well MW-32, Area P
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Treatment Number	Date of Treatment	Total Target VOC Concentration (ug/L)		
		Date	Description	Value
1	05/31/02	03/14/02	Pre-Treatment	1,384
		07/10/02	1st Post-Treatment	3,390
2	08/28/02	07/10/02	Pre-Treatment	3,390
		12/31/02	1st Post-Treatment	1,122
		03/29/03	2nd Post-Treatment	1,890
		06/17/03	3rd Post-Treatment	3,270
3	10/27/04	09/13/04	Pre-Treatment	5,130
		12/17/04	1st Post-Treatment	1,353
		03/31/05	2nd Post-Treatment	1,299
		06/22/05	3rd Post-Treatment	1,785
		09/09/05	4th Post-Treatment	3,196
		12/14/05	5th Post-Treatment	1,837
		03/23/06	6th Post-Treatment	676
		06/14/06	7th Post-Treatment	1,167
4	10/26/06	09/11/06	Pre-Treatment	3,485
		12/12/06	1st Post-Treatment	652
		03/27/07	2nd Post-Treatment	438
		06/26/07	3rd Post-Treatment	2,433
		09/17/07	4th Post-Treatment	3,050

FIGURE

Figure 1: Total Target VOCs at MW-32



ATTACHMENT A
DISCHARGE MONITORING REPORT
SEPTEMBER 2007

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

Reporting Month & Year **Sep-07**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		7,248	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	7.08	7.91	s.u.		7	Grab
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		< 4.0	mg/L	< 0.29	1	Grab
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		< 1.0	ug/L	< 0.00006	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		0.34	ug/L	0.000025	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00006	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00006	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		0.31	ug/L	0.000023	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00006	1	Grab
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		< 0.43	ug/L	< 0.000026	1	Grab
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		< 0.59	ug/L	< 0.000036	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
ANALYTICAL LABORATORY REPORT
INFLUENT AND EFFLUENT SAMPLING
SEPTEMBER 2007

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

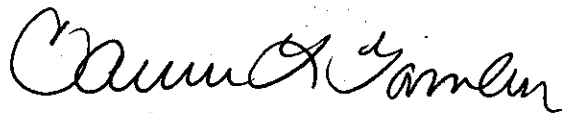
Leo Brausch Buffalo Airport

Lot #: C7I180296

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

September 27, 2007



NELAC REPORTING:

The format and content of the attached report meets NELAC standards and guidelines except as noted in the narrative. 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
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	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
Ohio Vap	(#CL0063)	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: 06/18/07

CASE NARRATIVE

Leo Brausch Consulting
Viacom
Buffalo Airport

Lot # C7I180296

Sample Receiving:

TestAmerica Pittsburgh, PA received samples on September 18, 2007. 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(624):

The TestAmerica North Canton, OH laboratory performed the volatiles analysis. All results are included in the report.

Due to the concentration of target compounds detected, sample INF-0907 was analyzed at a dilution.

The method blank for batch 7264424 had methylene chloride detected below the reporting limit but above the MDL. The result was flagged with a "J" qualifier. Any sample associated with this blank that had methylene chloride detected had the result flagged with a "B" qualifier.

The method blank for batch 7264642 had methylene chloride detected above the reporting limit. The concentration detected was less than 5X the reporting limit, which is acceptable for common laboratory contaminants. Any sample in this batch that had this compound detected had the result flagged with a "B" qualifier.

The MS had several compounds recover outside of criteria. Acceptable LCS data demonstrates that the analytical system was operating in control; this condition is most likely due to a matrix effect.

Metals:

There were no problems associated with the analysis.

General Chemistry:

pH is a field parameter. Laboratory pH analysis was completed at the request of the client.

METHODS SUMMARY

C7I180296

<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

C7I180296

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J64WL	001	INF-0907	09/17/07	14:30
J64WQ	002	EFF-0907	09/17/07	15:00

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: INF-0907

GC/MS Volatiles

Lot-Sample #....: C7I180296-001 Work Order #....: J64WL1AG Matrix.....: WATER
 Date Sampled....: 09/17/07 Date Received...: 09/18/07 MS Run #.....: 7264381
 Prep Date.....: 09/21/07 Analysis Date...: 09/21/07
 Prep Batch #....: 7264642 Analysis Time...: 18:33
 Dilution Factor: 20
 Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	20	ug/L	2.6
cis-1,2-Dichloroethene	89	20	ug/L	3.4
Methylene chloride	9.5 J,B	20	ug/L	6.6
Tetrachloroethene	ND	20	ug/L	5.8
Toluene	ND	20	ug/L	2.6
1,1,1-Trichloroethane	ND	20	ug/L	4.4
Trichloroethene	730	20	ug/L	3.4
Vinyl chloride	7.0 J	20	ug/L	4.4

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
1,2-Dichloroethane-d4	111	(90 - 117)
Toluene-d8	97	(90 - 110)
Bromofluorobenzene	90	(85 - 111)

NOTE(S) :

- J Estimated result. Result is less than RL.
- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Leo Brausch Consulting

Client Sample ID: INF-0907

TOTAL Metals

Lot-Sample #...: C7I180296-001

Matrix.....: WATER

Date Sampled...: 09/17/07

Date Received...: 09/18/07

<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 #...: 7262581						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	09/19-09/20/07	J64WL1AC
		Dilution Factor: 1		Analysis Time.: 16:26	MS Run #.....: 7264087	
		MDL.....: 0.43				
Chromium	7.9	5.0	ug/L	MCAWW 200.7	09/19-09/20/07	J64WL1AE
		Dilution Factor: 1		Analysis Time.: 16:26	MS Run #.....: 7264087	
		MDL.....: 0.59				
Lead	ND	3.0	ug/L	MCAWW 200.7	09/19-09/20/07	J64WL1AD
		Dilution Factor: 1		Analysis Time.: 16:26	MS Run #.....: 7264087	
		MDL.....: 2.4				

Leo Brausch Consulting

Client Sample ID: INF-0907

General Chemistry

Lot-Sample #...: C7I180296-001

Work Order #...: J64WL

Matrix.....: WATER

Date Sampled...: 09/17/07

Date Received...: 09/18/07

<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	7.9	--	No Units	SM20 4500-H+B	09/19/07	7262475
			Dilution Factor: 1	Analysis Time...: 16:41	MS Run #.....: 7262284	
			MDL.....: --			

Leo Brausch Consulting

Client Sample ID: EFF-0907

GC/MS Volatiles

Lot-Sample #....: C7I180296-002 Work Order #....: J64WQ1AG Matrix.....: WATER
 Date Sampled....: 09/17/07 Date Received...: 09/18/07 MS Run #.....: 7264290
 Prep Date.....: 09/21/07 Analysis Date...: 09/21/07
 Prep Batch #....: 7264424 Analysis Time...: 00:34
 Dilution Factor: 1
 Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
Methylene chloride	0.34 J,B	1.0	ug/L	0.33
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
Trichloroethene	0.31 J	1.0	ug/L	0.17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(90 - 117)
Toluene-d8	100	(90 - 110)
Bromofluorobenzene	92	(85 - 111)

NOTE(S) :

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Leo Brausch Consulting

Client Sample ID: EFF-0907

TOTAL Metals

Lot-Sample #...: C7I180296-002

Matrix.....: WATER

Date Sampled...: 09/17/07

Date Received...: 09/18/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>		<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Prep Batch #...: 7262581						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	09/19-09/20/07	J64WQ1AA
		Dilution Factor: 1		Analysis Time..: 16:31	MS Run #.....: 7264087	
		MDL.....: 0.43				
Chromium	ND	5.0	ug/L	MCAWW 200.7	09/19-09/20/07	J64WQ1AC
		Dilution Factor: 1		Analysis Time..: 16:31	MS Run #.....: 7264087	
		MDL.....: 0.59				

Leo Brausch Consulting

Client Sample ID: KFF-0907

General Chemistry

Lot-Sample #...: C7I180296-002
Date Sampled...: 09/17/07

Work Order #...: J64WQ
Date Received...: 09/18/07

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	7.3	--	No Units	SM20 4500-H+B	09/19/07	7262475
			Dilution Factor: 1	Analysis Time..: 16:43	MS Run #.....: 7262284	
			MDL.....: --			
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	09/20/07	7263051
			Dilution Factor: 1	Analysis Time..: 00:00	MS Run #.....: 7263020	
			MDL.....: 4.0			

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7I180296
 MB Lot-Sample #: A7I210000-424
 Analysis Date...: 09/20/07
 Dilution Factor: 1

Work Order #...: J7D851AA
 Prep Date.....: 09/20/07
 Prep Batch #...: 7264424

Matrix.....: WATER
 Analysis Time...: 21:10

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>
		<u>LIMIT</u>	<u>UNITS</u>	
Methylene chloride	0.43 J	1.0	ug/L	CFR136A 624
Tetrachloroethene	ND	1.0	ug/L	CFR136A 624
Toluene	ND	1.0	ug/L	CFR136A 624
Trichloroethene	ND	1.0	ug/L	CFR136A 624
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	ND	1.0	ug/L	CFR136A 624
		<u>RECOVERY</u>		
		<u>PERCENT</u>	<u>RECOVERY</u>	
		<u>RECOVERY</u>	<u>LIMITS</u>	
1,2-Dichloroethane-d4	91		(90 - 117)	
Toluene-d8	98		(90 - 110)	
Bromofluorobenzene	91		(85 - 111)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7I180296
 MB Lot-Sample #: A7I210000-642
 Analysis Date...: 09/21/07
 Dilution Factor: 1

Work Order #...: J7FC21AA
 Prep Date.....: 09/21/07
 Prep Batch #...: 7264642

Matrix.....: WATER
 Analysis Time...: 16:30

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
Vinyl chloride	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	ND	1.0	ug/L	CFR136A 624
Methylene chloride	1.1	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
1,1,1-Trichloroethane	ND	1.0	ug/L	CFR136A 624
	PERCENT	RECOVERY		
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
1,2-Dichloroethane-d4	106	(90 - 117)		
Toluene-d8	92	(90 - 110)		
Bromofluorobenzene	90	(85 - 111)		

NOTE(S) :

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: C7I180296

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C7I190000-581 Prep Batch #....: 7262581						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	09/19-09/20/07	J679P1AP
		Dilution Factor: 1				
		Analysis Time...: 15:58				
Chromium	ND	5.0	ug/L	MCAWW 200.7	09/19-09/20/07	J679P1AM
		Dilution Factor: 1				
		Analysis Time...: 15:58				
Lead	ND	3.0	ug/L	MCAWW 200.7	09/19-09/20/07	J679P1AJ
		Dilution Factor: 1				
		Analysis Time...: 15:58				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C7I180296

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	09/20/07	7263051
		Work Order #: J68F61AA		MB Lot-Sample #: C7I200000-051		
		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

GC/MS Volatiles

Client Lot #...: C7I180296 Work Order #...: J7D851AC Matrix.....: WATER
 LCS Lot-Sample#: A7I210000-424
 Prep Date.....: 09/20/07 Analysis Date...: 09/20/07
 Prep Batch #...: 7264424 Analysis Time...: 16:45
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	96	(37 - 151)	CFR136A 624
Bromodichloromethane	95	(35 - 155)	CFR136A 624
Bromoform	77	(45 - 169)	CFR136A 624
Bromomethane	95	(10 - 242)	CFR136A 624
Carbon tetrachloride	89	(70 - 140)	CFR136A 624
Chlorobenzene	105	(37 - 160)	CFR136A 624
Chloroethane	92	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	83	(10 - 305)	CFR136A 624
Chloroform	103	(51 - 138)	CFR136A 624
Chloromethane	72	(10 - 273)	CFR136A 624
Dibromochloromethane	98	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	100	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	97	(18 - 190)	CFR136A 624
1,1-Dichloroethane	89	(59 - 155)	CFR136A 624
1,2-Dichloroethane	100	(49 - 155)	CFR136A 624
1,1-Dichloroethene	121	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	103	(54 - 156)	CFR136A 624
1,2-Dichloropropane	89	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	93	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	85	(17 - 183)	CFR136A 624
Ethylbenzene	104	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	94	(46 - 157)	CFR136A 624
1,1,1-Trichloroethane	96	(52 - 162)	CFR136A 624
1,1,2-Trichloroethane	104	(52 - 150)	CFR136A 624
Trichlorofluoromethane	129	(17 - 181)	CFR136A 624
Vinyl chloride	87	(10 - 251)	CFR136A 624
1,2-Dichlorobenzene	101	(18 - 190)	CFR136A 624
Methylene chloride	115	(10 - 221)	CFR136A 624
Tetrachloroethene	108	(64 - 148)	CFR136A 624
Toluene	104	(47 - 150)	CFR136A 624
Trichloroethene	109	(71 - 157)	CFR136A 624

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7I180296
LCS Lot-Sample#: A7I210000-424

Work Order #...: J7D851AC

Matrix.....: WATER

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	92	(90 - 117)
Toluene-d8	102	(90 - 110)
Bromofluorobenzene	105	(85 - 111)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7I180296 Work Order #...: J7FC21AC Matrix.....: WATER
 LCS Lot-Sample#: A7I210000-642
 Prep Date.....: 09/21/07 Analysis Date...: 09/21/07
 Prep Batch #...: 7264642 Analysis Time...: 16:05
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	98	(37 - 151)	CFR136A 624
Bromodichloromethane	108	(35 - 155)	CFR136A 624
Bromoform	94	(45 - 169)	CFR136A 624
Bromomethane	76	(10 - 242)	CFR136A 624
Carbon tetrachloride	111	(70 - 140)	CFR136A 624
Chlorobenzene	98	(37 - 160)	CFR136A 624
Chloroethane	81	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	77	(10 - 305)	CFR136A 624
Chloroform	114	(51 - 138)	CFR136A 624
Chloromethane	85	(10 - 273)	CFR136A 624
Dibromochloromethane	105	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	95	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	96	(18 - 190)	CFR136A 624
1,1-Dichloroethane	106	(59 - 155)	CFR136A 624
1,2-Dichloroethane	116	(49 - 155)	CFR136A 624
1,1-Dichloroethene	109	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	112	(54 - 156)	CFR136A 624
1,2-Dichloropropane	96	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	84	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	77	(17 - 183)	CFR136A 624
Ethylbenzene	96	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	93	(46 - 157)	CFR136A 624
1,1,2-Trichloroethane	101	(52 - 150)	CFR136A 624
Trichlorofluoromethane	113	(17 - 181)	CFR136A 624
1,2-Dichlorobenzene	98	(18 - 190)	CFR136A 624
Methylene chloride	110	(10 - 221)	CFR136A 624
Tetrachloroethene	118	(64 - 148)	CFR136A 624
Toluene	99	(47 - 150)	CFR136A 624
1,1,1-Trichloroethane	113	(52 - 162)	CFR136A 624
Trichloroethene	114	(71 - 157)	CFR136A 624
Vinyl chloride	77	(10 - 251)	CFR136A 624

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7I180296
LCS Lot-Sample#: A7I210000-642

Work Order #...: J7FC21AC

Matrix.....: WATER

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	116	(90 - 117)
Toluene-d8	95	(90 - 110)
Bromofluorobenzene	100	(85 - 111)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7I180296

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#: C7I190000-581 Prep Batch #...: 7262581					
Lead	99	(85 - 115)	MCAWW 200.7	09/19-09/20/07	J679P1AR
		Dilution Factor: 1		Analysis Time..: 16:04	
Chromium	101	(85 - 115)	MCAWW 200.7	09/19-09/20/07	J679P1AV
		Dilution Factor: 1		Analysis Time..: 16:04	
Cadmium	99	(85 - 115)	MCAWW 200.7	09/19-09/20/07	J679P1AX
		Dilution Factor: 1		Analysis Time..: 16:04	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C7I180296

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	100	(99 - 101)	SM20 4500-H+B	09/19/07	7262475
		Dilution Factor: 1		Analysis Time...: 16:40	
Total Suspended Solids	100	(80 - 120)	SM20 2540D	09/20/07	7263051
		Dilution Factor: 1		Analysis Time...: 00:00	

NOTE(S) :

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C7I180296 Work Order #...: J66WC1A3 Matrix.....: WATER
 MS Lot-Sample #: A7I190218-001
 Date Sampled...: 09/19/07 Date Received...: 09/19/07
 Prep Date.....: 09/21/07 Analysis Date...: 09/21/07
 Prep Batch #...: 7264424 MS Run #.....: 7264290
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	96	(90 - 114)	CFR136A 624
Bromodichloromethane	100	(78 - 123)	CFR136A 624
Bromoform	78	(40 - 141)	CFR136A 624
Bromomethane	100	(42 - 160)	CFR136A 624
Carbon tetrachloride	82	(61 - 129)	CFR136A 624
Chlorobenzene	106	(90 - 113)	CFR136A 624
Chloroethane	111	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)	CFR136A 624
Chloroform	105	(90 - 118)	CFR136A 624
Chloromethane	88	(37 - 127)	CFR136A 624
Dibromochloromethane	102	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	97	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	96	(90 - 112)	CFR136A 624
1,1-Dichloroethane	90	(90 - 114)	CFR136A 624
1,2-Dichloroethane	99	(90 - 123)	CFR136A 624
1,1-Dichloroethene	133 a	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	117 a	(85 - 116)	CFR136A 624
1,2-Dichloropropane	94	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	76 a	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	68 a	(71 - 114)	CFR136A 624
Ethylbenzene	99	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	90	(77 - 133)	CFR136A 624
1,1,1-Trichloroethane	79 a	(82 - 119)	CFR136A 624
1,1,2-Trichloroethane	104	(89 - 123)	CFR136A 624
Trichlorofluoromethane	134 a	(62 - 110)	CFR136A 624
Vinyl chloride	93	(50 - 119)	CFR136A 624
Methylene chloride	133 a	(78 - 131)	CFR136A 624
Tetrachloroethene	96	(81 - 112)	CFR136A 624
Toluene	100	(87 - 112)	CFR136A 624
1,2-Dichlorobenzene	102	(90 - 115)	CFR136A 624
Trichloroethene	115 a	(85 - 114)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	92	(90 - 117)
Toluene-d8	102	(90 - 110)
Bromofluorobenzene	107	(85 - 111)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C7I180296
MS Lot-Sample #: A7I190218-001

Work Order #...: J66WC1A3

Matrix.....: WATER

NOTE(S) :

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #....: C7I180296 Work Order #....: J64WL1AK Matrix.....: WATER
 MS Lot-Sample #: C7I180296-001
 Date Sampled....: 09/17/07 Date Received...: 09/18/07
 Prep Date.....: 09/21/07 Analysis Date...: 09/21/07
 Prep Batch #....: 7264642 MS Run #.....: 7264381
 Dilution Factor: 20

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	98	(90 - 114)	CFR136A 624
Bromodichloromethane	104	(78 - 123)	CFR136A 624
Bromoform	83	(40 - 141)	CFR136A 624
Bromomethane	73	(42 - 160)	CFR136A 624
Carbon tetrachloride	94	(61 - 129)	CFR136A 624
Chlorobenzene	98	(90 - 113)	CFR136A 624
Chloroethane	81	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	5.5 a	(10 - 185)	CFR136A 624
Chloroform	110	(90 - 118)	CFR136A 624
Chloromethane	84	(37 - 127)	CFR136A 624
Dibromochloromethane	96	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	92	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	93	(90 - 112)	CFR136A 624
1,1-Dichloroethane	106	(90 - 114)	CFR136A 624
1,2-Dichloroethane	116	(90 - 123)	CFR136A 624
1,1-Dichloroethene	105	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	111	(85 - 116)	CFR136A 624
1,2-Dichloropropane	91	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	75 a	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	66 a	(71 - 114)	CFR136A 624
Ethylbenzene	97	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	87	(77 - 133)	CFR136A 624
1,1,2-Trichloroethane	101	(89 - 123)	CFR136A 624
Trichlorofluoromethane	114 a	(62 - 110)	CFR136A 624
1,2-Dichlorobenzene	93	(90 - 115)	CFR136A 624
Methylene chloride	99	(78 - 131)	CFR136A 624
Tetrachloroethene	117 a	(81 - 112)	CFR136A 624
Toluene	96	(87 - 112)	CFR136A 624
1,1,1-Trichloroethane	103	(82 - 119)	CFR136A 624
Trichloroethene	101	(85 - 114)	CFR136A 624
Vinyl chloride	76	(50 - 119)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	117	(90 - 117)
Toluene-d8	97	(90 - 110)
Bromofluorobenzene	101	(85 - 111)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C7I180296
MS Lot-Sample #: C7I180296-001

Work Order #...: J64WL1AK

Matrix.....: WATER

NOTE (S) :

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7I180296

Matrix.....: WATER

Date Sampled...: 09/19/07

Date Received...: 09/19/07

<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 #: C7I190189-001 Prep Batch #... : 7262581							
Cadmium	99	(70 - 130)			MCAWW 200.7	09/19-09/20/07	J66EN1AW
	99	(70 - 130)	0.14	(0-20)	MCAWW 200.7	09/19-09/20/07	J66EN1AX
Dilution Factor: 1							
Analysis Time...: 16:48							
MS Run #.....: 7264087							
Chromium	101	(70 - 130)			MCAWW 200.7	09/19-09/20/07	J66EN1A1
	100	(70 - 130)	0.07	(0-20)	MCAWW 200.7	09/19-09/20/07	J66EN1A2
Dilution Factor: 1							
Analysis Time...: 16:48							
MS Run #.....: 7264087							
Lead	99	(70 - 130)			MCAWW 200.7	09/19-09/20/07	J66EN1AQ
	98	(70 - 130)	0.13	(0-20)	MCAWW 200.7	09/19-09/20/07	J66EN1AR
Dilution Factor: 1							
Analysis Time...: 16:48							
MS Run #.....: 7264087							

NOTE(S) :

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

ATTACHMENT C
ANALYTICAL LABORATORY REPORT
MW-32 QUARTERLY MONITORING
SEPTEMBER 2007

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C7I180302

Leo Brausch

**Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044**

TESTAMERICA LABORATORIES, INC.



**Carrie L. Gamber
Project Manager**

October 3, 2007



NELAC REPORTING:

The format and content of the attached report meets NELAC standards and guidelines except as noted in the narrative. 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
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	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	(#E87860)	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
Ohio Vap	(#CL0063)	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: 06/18/07

CASE NARRATIVE

Leo Brausch Consulting
Viacom
Buffalo Airport

Lot # C7I180302

Sample Receiving:

TestAmerica Pittsburgh, PA received one sample on September 18, 2007. The cooler was received within the proper temperature range.

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

GC/MS Volatiles:

Due to the concentration of target compounds detected, sample WG-18036-0907-KL-01 was analyzed at a dilution.

Metals:

There were no problems associated with the analysis.

METHODS SUMMARY

C7I180302

<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

C7I180302

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
J64W6	001	WG-18036-0907-KL-01	09/17/07	14:15

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-18036-0907-KL-01

GC/MS Volatiles

Lot-Sample #....: C7I180302-001 Work Order #....: J64W61AA Matrix.....: WATER
 Date Sampled....: 09/17/07 Date Received...: 09/18/07 MS Run #.....: 7265140
 Prep Date.....: 09/22/07 Analysis Date...: 09/22/07
 Prep Batch #....: 7265192 Analysis Time...: 23:21
 Dilution Factor: 10
 Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Toluene	ND	100	ug/L	10
cis-1,2-Dichloroethene	2100 E	100	ug/L	10
1,1,1-Trichloroethane	ND	100	ug/L	10
Trichloroethene	360	100	ug/L	10
Vinyl chloride	140	100	ug/L	10

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	96	(88 - 110)
Bromofluorobenzene	102	(86 - 115)
1,2-Dichloroethane-d4	104	(76 - 114)

NOTE(S):

E Estimated result. Result concentration exceeds the calibration range.

Leo Brausch Consulting

Client Sample ID: WG-18036-0907-KL-01

GC/MS Volatiles

Lot-Sample #....: C7I180302-001 Work Order #....: J64W62AA Matrix.....: WATER
Date Sampled....: 09/17/07 Date Received...: 09/18/07 MS Run #.....: 7267294
Prep Date.....: 09/24/07 Analysis Date...: 09/24/07
Prep Batch #....: 7267417 Analysis Time...: 14:01
Dilution Factor: 20
Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	200	ug/L	20
cis-1,2-Dichloroethene	2500	200	ug/L	20
1,1,1-Trichloroethane	ND	200	ug/L	20
Trichloroethene	410	200	ug/L	20
Vinyl chloride	180 J	200	ug/L	20
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>	
		<u>RECOVERY</u>	<u>LIMITS</u>	
Toluene-d8	98		(88 - 110)	
Bromofluorobenzene	101		(86 - 115)	
1,2-Dichloroethane-d4	104		(76 - 114)	

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: WG-18036-0907-KL-01

TOTAL Metals

Lot-Sample #...: C7I180302-001
Date Sampled...: 09/17/07

Date Received...: 09/18/07

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 #...: 7270161						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	09/27-10/02/07	J64W61AC
		Dilution Factor: 1		Analysis Time...: 10:32	MS Run #.....: 7270117	
		MDL.....: 0.25				
Lead	3.4	3	ug/L	ICLP ILM04.0/4.1	09/27-10/02/07	J64W61AD
		Dilution Factor: 1		Analysis Time...: 10:32	MS Run #.....: 7270117	
		MDL.....: 1.1				

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7I180302
 MB Lot-Sample #: C7I220000-192

Work Order #...: J7G6A1AA

Matrix.....: WATER

Analysis Date...: 09/22/07
 Dilution Factor: 1

Prep Date.....: 09/22/07
 Prep Batch #...: 7265192

Analysis Time...: 13:55

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>
		<u>LIMIT</u>	<u>UNITS</u>	
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

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

NOTE (S) :

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7I180302
 MB Lot-Sample #: C7I240000-417

Work Order #...: J7JGC1AA

Matrix.....: WATER

Analysis Date...: 09/24/07
 Dilution Factor: 1

Prep Date.....: 09/24/07
 Prep Batch #...: 7267417

Analysis Time...: 09:05

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>
		<u>LIMIT</u>	<u>UNITS</u>	
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

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Toluene-d8	99	(88 - 110)
Bromofluorobenzene	98	(86 - 115)
1,2-Dichloroethane-d4	101	(76 - 114)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7I180302

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 #: C7I270000-161 Prep Batch #...: 7270161						
Cadmium	ND	5.0	ug/L	ICLP ILM04.0/4.1	09/27-10/02/07	J7QJV1AG
		Dilution Factor: 1				
		Analysis Time...: 10:10				
Lead	ND	3.0	ug/L	ICLP ILM04.0/4.1	09/27-10/02/07	J7QJV1AX
		Dilution Factor: 1				
		Analysis Time...: 10:10				

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 #....: C7I180302 Work Order #....: J7G6A1AC Matrix.....: WATER
 LCS Lot-Sample#: C7I220000-192
 Prep Date.....: 09/22/07 Analysis Date...: 09/22/07
 Prep Batch #....: 7265192 Analysis Time...: 16:25
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Trichloroethene	98	(71 - 120)	OCLP OLM04.2
Toluene	96	(76 - 125)	OCLP OLM04.2
1,1-Dichloroethene	96	(61 - 145)	OCLP OLM04.2
Benzene	98	(76 - 127)	OCLP OLM04.2
Chlorobenzene	97	(75 - 130)	OCLP OLM04.2

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

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7I180302 Work Order #...: J7JGCLAC Matrix.....: WATER
 LCS Lot-Sample#: C7I240000-417
 Prep Date.....: 09/24/07 Analysis Date...: 09/24/07
 Prep Batch #...: 7267417 Analysis Time...: 10:06
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Trichloroethene	101	(71 - 120)	OCLP OLM04.2
Toluene	100	(76 - 125)	OCLP OLM04.2
1,1-Dichloroethene	104	(61 - 145)	OCLP OLM04.2
Benzene	103	(76 - 127)	OCLP OLM04.2
Chlorobenzene	100	(75 - 130)	OCLP OLM04.2

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	95	(88 - 110)
Bromofluorobenzene	96	(86 - 115)
1,2-Dichloroethane-d4	100	(76 - 114)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7I180302

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#:	C7I270000-161	Prep Batch #...:	7270161		
Cadmium	101	(80 - 120)	ICLP ILM04.0/4.1	09/27-10/02/07	J7QJV1A7
		Dilution Factor: 1		Analysis Time...: 10:16	
Lead	101	(80 - 120)	ICLP ILM04.0/4.1	09/27-10/02/07	J7QJV1CN
		Dilution Factor: 1		Analysis Time...: 10:16	

NOTE(S) :

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7I180302 Work Order #...: J68181C4-MS Matrix.....: WATER
 MS Lot-Sample #: C7I200150-001 J68181C5-MSD
 Date Sampled...: 09/17/07 Date Received...: 09/20/07 MS Run #.....: 7265140
 Prep Date.....: 09/22/07 Analysis Date...: 09/22/07
 Prep Batch #...: 7265192 Analysis Time...: 17:04
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichloroethene	98	(71 - 120)			OCLP OLM04.2
	99	(71 - 120)	1.5	(0-14)	OCLP OLM04.2
Toluene	98	(76 - 125)			OCLP OLM04.2
	98	(76 - 125)	0.47	(0-13)	OCLP OLM04.2
1,1-Dichloroethene	97	(61 - 145)			OCLP OLM04.2
	97	(61 - 145)	0.55	(0-14)	OCLP OLM04.2
Benzene	99	(76 - 127)			OCLP OLM04.2
	99	(76 - 127)	0.38	(0-11)	OCLP OLM04.2
Chlorobenzene	99	(75 - 130)			OCLP OLM04.2
	99	(75 - 130)	0.12	(0-13)	OCLP OLM04.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(88 - 110)
	94	(88 - 110)
Bromofluorobenzene	99	(86 - 115)
	93	(86 - 115)
1,2-Dichloroethane-d4	98	(76 - 114)
	96	(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 #....: C7I180302 Work Order #....: J68241CC-MS Matrix.....: WATER
 MS Lot-Sample #: C7I200150-004 J68241CD-MSD
 Date Sampled...: 09/18/07 Date Received...: 09/20/07 MS Run #.....: 7267294
 Prep Date.....: 09/24/07 Analysis Date...: 09/24/07
 Prep Batch #....: 7267417 Analysis Time...: 10:32
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Trichloroethene	94	(71 - 120)			OCLP OLM04.2
	100	(71 - 120)	6.5	(0-14)	OCLP OLM04.2
Toluene	94	(76 - 125)			OCLP OLM04.2
	100	(76 - 125)	6.2	(0-13)	OCLP OLM04.2
1,1-Dichloroethene	98	(61 - 145)			OCLP OLM04.2
	102	(61 - 145)	3.4	(0-14)	OCLP OLM04.2
Benzene	96	(76 - 127)			OCLP OLM04.2
	102	(76 - 127)	6.2	(0-11)	OCLP OLM04.2
Chlorobenzene	95	(75 - 130)			OCLP OLM04.2
	101	(75 - 130)	5.7	(0-13)	OCLP OLM04.2

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	93	(88 - 110)
	96	(88 - 110)
Bromofluorobenzene	95	(86 - 115)
	97	(86 - 115)
1,2-Dichloroethane-d4	100	(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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C7I180302
Date Sampled...: 09/17/07

Date Received...: 09/20/07

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>
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MS Lot-Sample #: C7I200150-001 Prep Batch #....: 7270161

Cadmium	100	(75 - 125)	ICLP ILM04.0/4.1	09/27-10/02/07	J68181DU
			Dilution Factor: 1	Analysis Time...: 10:38	
			MS Run #.....: 7270117		

Lead	97	(75 - 125)	ICLP ILM04.0/4.1	09/27-10/02/07	J68181DF
			Dilution Factor: 1	Analysis Time...: 10:38	
			MS Run #.....: 7270117		

NOTE(S) :

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C7I180302

Matrix.....: WATER

Date Sampled...: 09/18/07

Date Received...: 09/20/07

<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 #: C7I200150-004 Prep Batch #...: 7270161					
Cadmium	99	(75 - 125)	ICLP ILM04.0/4.1	09/27-10/02/07	J68241EM
			Dilution Factor: 1	Analysis Time...: 11:00	
			MS Run #.....: 7270117		
Lead	92	(75 - 125)	ICLP ILM04.0/4.1	09/27-10/02/07	J68241F2
			Dilution Factor: 1	Analysis Time...: 11:00	
			MS Run #.....: 7270117		

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

Metals

Client Lot #....: C7I180302

Work Order #....: J6818-SMP
J6818-DUP

Matrix.....: WATER

Date Sampled....: 09/17/07

Date Received...: 09/20/07

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u> <u>RESULT</u>	<u>UNITS</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>
Lead	ND	ND	ug/L	0	(0-20)	SD Lot-Sample #: C7I200150-001 ICLP ILM04.0/4.1	09/27-10/02/07	7270161
			Dilution Factor: 1			Analysis Time...: 10:38	MS Run Number...: 7270117	
Cadmium	ND	ND	ug/L	0	(0-20)	SD Lot-Sample #: C7I200150-001 ICLP ILM04.0/4.1	09/27-10/02/07	7270161
			Dilution Factor: 1			Analysis Time...: 10:38	MS Run Number...: 7270117	
Lead	ND	ND	ug/L	0	(0-20)	SD Lot-Sample #: C7I200150-001 ICLP ILM04.0/4.1	09/27-10/02/07	7270161
			Dilution Factor: 1			Analysis Time...: 10:38	MS Run Number...: 7270117	
Cadmium	ND	ND	ug/L	0	(0-20)	SD Lot-Sample #: C7I200150-001 ICLP ILM04.0/4.1	09/27-10/02/07	7270161
			Dilution Factor: 1			Analysis Time...: 10:38	MS Run Number...: 7270117	

