



CBS Corporation

Environmental Remediation
11 Stanwix Street
Pittsburgh, PA 15222

April 9, 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 under the Order. This report covers activities during March 2008 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

- A. On March 13, 2008, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the February 2008 operating period. That status report also transmitted the discharge monitoring data for February 2008.
- B. The recovery and treatment system operated throughout the March 2008 reporting period.
- C. Conestoga-Rovers & Associates (CRA) conducted O&M on behalf of CBS, and TestAmerica Laboratories, Inc. provided analytical laboratory services, as required.

- D. CRA conducted the quarterly treatment system influent sampling and groundwater monitoring at well MW-32.
- E. Via a telephone discussion on March 24, 2008 and subsequent correspondence dated March 28, 2008, NYSDEC expressed concerns regarding potential vapor intrusion and the redevelopment of Area P in the northern portion of the Site. In accordance with the meeting discussions of June 26, 2006, as confirmed in the August 8, 2006 follow-up correspondence, the Niagara Frontier Transportation Authority will work directly with NYSDEC to address these potential vapor intrusion issues.

2. Sampling Results and Other Site Data

- A. In March 2008, the groundwater system recovered an estimated 254,000 gallons.
- B. Attachment A provides the discharge monitoring report for March 2008 based on the effluent sample collected on March 19, 2008, and Attachment B includes the analytical laboratory report for this effluent sample.
- C. In reviewing the treatment system effluent monitoring information, please note the following:
 - The flow data are provided via on-site readings and calls into the Autodialer. The maximum daily flow was calculated from these data.
 - The pH data are provided via on-site readings, calls into the Autodialer, and laboratory analysis of the monthly effluent sample. Effluent pH data are reported only for measurements taken while the treatment pump is operating and the system is actively discharging.
 - The reported daily maximum values (pounds per day) are calculated using the maximum observed daily flow and the results of the monthly effluent monitoring, irrespective of whether the actual maximum daily flow occurred on the day of sampling.
- D. For the March 2008 reporting period, the effluent complied with all discharge limitations except for pH. The field pH reading taken on March 19, 2008 was 6.25, slightly below the lower discharge limit of 6.5. The laboratory pH measured later on the same day was 7.2. The remaining seven readings for the month were within the allowable range of 6.5 to 8.5. The mean of the 9 March 2008 pH readings was 6.80.

- E. Table 1 presents the results of influent sampling data, including the most recent influent sample collected on March 19, 2008. Attachment B includes the analytical laboratory report for this influent sample.
- F. Table 2 presents the results of quarterly monitoring of well MW-32 located in Area P at the northern portion of the Site, including the most recent sample collected on March 19, 2008. Attachment B includes the analytical laboratory data report for this groundwater 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. CBS is reevaluating the information gathered to date and plans to submit a revised plan 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 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
12/18/07	Composite	18	2 U	2 U	90	1.5 J	5.0 U	3.0 U
03/19/08	Composite	12	0.38 J	1.0 J	120	1.2 J	5.0 U	3.0 U

Data Legend:

"NA" - indicates not analyzed

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

Organic data qualifiers:

U - not detected at indicated detection limit

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

Inorganic data qualifiers:

U - not detected at indicated detection limit

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

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

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

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

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
06/22/05	540	10 U	10 U	810	100	5.0 U	3.0 U
06/22/05 (Dup)	1,100	100 U	100 U	880	140	5.0 U	3.0 U
09/09/05	1,400	330 U	330 U	1,700	96 J	5.0 U	3.0 U
12/14/05	900	10 U	10 U	700	56	5.0 U	3.0 U
12/14/05 (Dup)	1,200	100 U	100 U	750	68 J	5.0 U	3.0 U
03/23/06	350	30 U	30 U	290	36	5.0 U	3.0 U
06/13/06	410	50 U	50 U	440	13 J	5.0 U	3.0 U
06/13/06 (Dup)	540	50 U	50 U	880	51	5.0 U	3.0 U
09/11/06	1,400	150 U	150 U	2,000	85 J	0.34 B	4.9
12/12/06	290	40 U	40 U	67	42 J	5.0 U	1.2 B
12/12/06 (Dup)	590	50 U	50 U	240	75 J	5.0 U	3.1
03/27/07	380	10 U	10 U	22	36 J	5.0 U	2.4 B
06/26/07	1,700	150 U	150 U	23 J	710	5.0 U	1.5 B
09/17/07	2,500	150 U	150 U	410	140	5.0 U	1.5 B
12/19/07	1,500	150 U	150 U	160	200	0.29 B	3.0
12/19/07 (Dup)	1,500	100 U	100 U	170	200	5.0 U	3.0 U
03/19/08	530	40 U	40 U	110	53	0.38 B	2.2 B

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

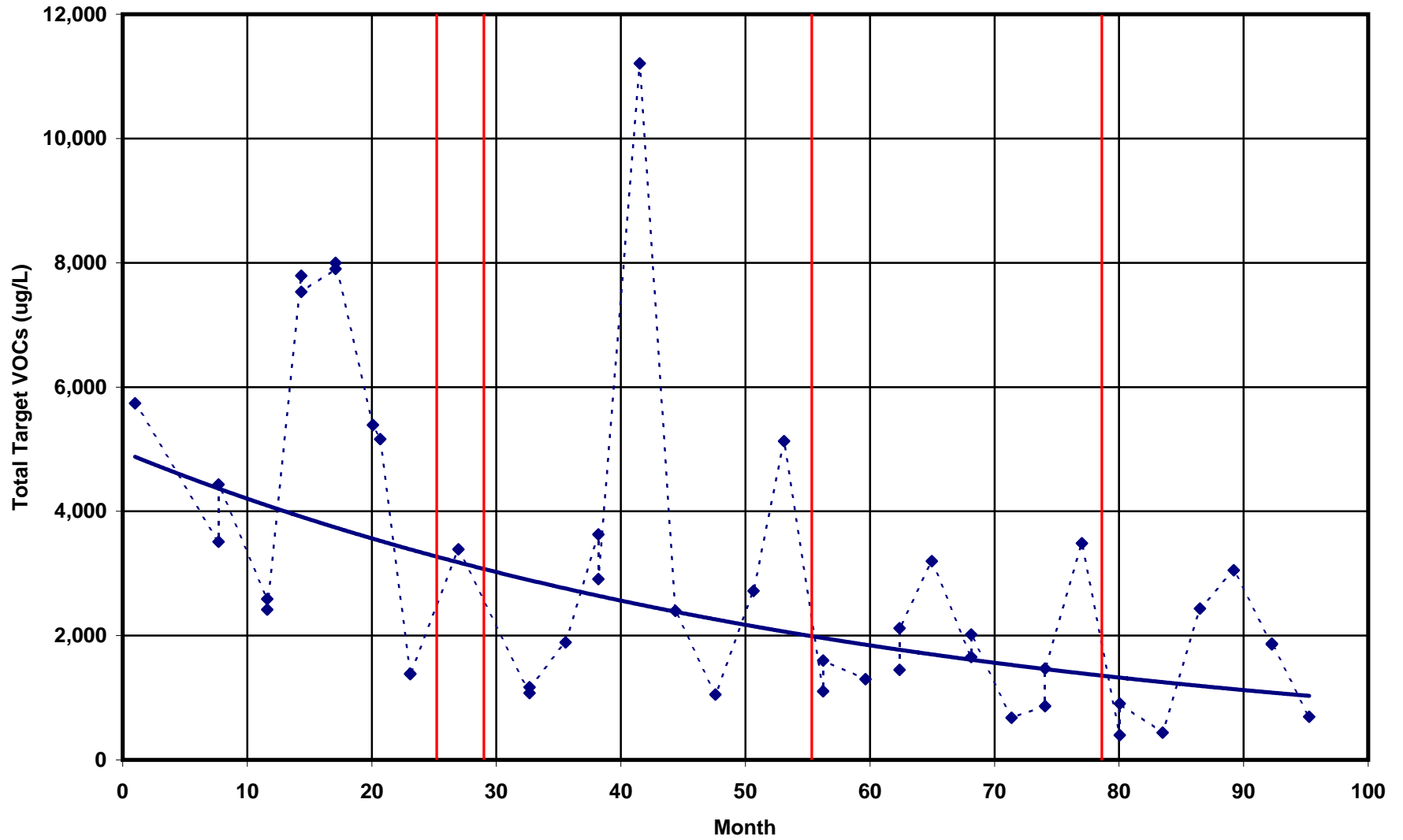
B - detected concentration below contract required detection limit but above instrument detection limit.

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
		12/19/07	5th Post-Treatment	1,860
		03/19/08	6th Post-Treatment	693

FIGURE

Figure 1: Total Target VOCs at MW-32



ATTACHMENT A
DISCHARGE MONITORING REPORT
MARCH 2008

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

Reporting Month & Year **Mar-08**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		15,076	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	6.25	7.20	s.u.		9	Grab
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		< 4.0	mg/L	< 0.55	1	Grab
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		< 1.0	ug/L	< 0.00013	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		< 1.0	ug/L	< 0.00013	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00013	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		0.35	ug/L	0.000049	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00013	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00013	1	Grab
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		< 0.43	ug/L	< 0.000054	1	Grab
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		4.6	ug/L	0.00058	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
ANALYTICAL LABORATORY REPORT
INFLUENT AND EFFLUENT SAMPLING
GROUNDWATER MONITORING – WELL MW-32
MARCH 2008

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C8C200153

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

April 2, 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 (#P330-07-00101)	NAVY	X
Arkansas	(#03-022-1)	Foreign Soil Import Permit	X
California – NELAC	04224CA	WW	X
Connecticut	(#PH-0688)	HW	X
Florida – NELAC	(#E87660)	WW	X
Illinois – NELAC	(#200005)	HW	X
Kansas – NELAC	(#E-10350)	WW	X
Louisiana – NELAC	(#93200)	HW	X
New Hampshire – NELAC	(#203002)	WW	X
New Jersey – NELAC	(PA-005)	–	–
New York – NELAC	(#11182)	WW	X
North Carolina	(#434)	HW	X
Pennsylvania - NELAC	(#02-00416)	WW	X
South Carolina	(#89014001)	HW	X
Utah – NELAC	(STLP)	WW	X
West Virginia	(#142)	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\derubeis\My Documents\NELAC NARRATIVE Pttsburgh.doc

CASE NARRATIVE

Leo Brausch Consulting

Viacom

Buffalo Airport

Lot # C8C200153

Sample Receiving:

TestAmerica Pittsburgh received samples on March 20, 2008. The cooler was received within the proper temperature range.

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

GC/MS Volatiles:

TestAmerica North Canton performed the 624 analysis.

Due to the concentration of compounds detected, IFF0308 and WG-18036-031908-001 were analyzed at a dilution.

The method blank had methylene chloride detected between the MDL and the reporting limit. The result was flagged with a "J" qualifier. This compound was not detected in the sample.

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

C8C200153

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
pH (Electrometric)	SM20 4500-H+B	
CLP - Volatile Organic Compounds (OLM04.2)	OCLP OLM04.2	OCLP OLM04.2
Inductively Coupled Plasma	ICLP ILM04.0/4.	ICLP ILM04.0
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.
- ICLP USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis, Multi-Media, Multi-Concentration.
- MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
- OCLP USEPA Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration.
- SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SAMPLE SUMMARY

C8C200153

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
KJW5Q	001	EFF0308	03/19/08	11:00
KJW5X	002	IFF0308	03/19/08	11:00
KJW52	003	WG-18036-031908-001	03/19/08	11:30

NOTE (S) :

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

CHAIN OF CUSTODY RECORD



CONESTOGA-ROVERS & ASSOCIATES
2455 Dugan Falls Blvd

SHIPPED TO (Laboratory Name):

*SHL
 21Hsdls*

REFERENCE NUMBER:

*018036
 Bif-12/16 Airport Vaccin*

SAMPLER'S SIGNATURE: _____ PRINTED NAME: _____

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS	REMARKS
	<i>3/5/08</i>	<i>11:00</i>	<i>FFF-0208</i>		<i>5</i>	<i>PH 7.55 Cd Pb Cs</i>	
	<i>3/5/08</i>	<i>11:00</i>	<i>FFF-0308</i>		<i>5</i>	<i>PH 7.55 Cd Pb Cs</i>	

TOTAL NUMBER OF CONTAINERS

10

HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY: <i>[Signature]</i>	DATE: <i>3/19/08</i>	RECEIVED BY: <i>[Signature]</i>	DATE: <i>3/25/08</i>
RELINQUISHED BY: _____	DATE: _____	RECEIVED BY: _____	DATE: <i>10:20</i>
RELINQUISHED BY: _____	DATE: _____	RECEIVED BY: _____	DATE: _____

METHOD OF SHIPMENT: *Fast air*

WAY BILL No. _____

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

SAMPLE TEAM: *[Signature]*

RECEIVED FOR LABORATORY BY: *[Signature]*

DATE: *3/20/08* TIME: *10:20*

No **CRA 01295**

CHAIN OF CUSTODY RECORD



CONESTOGA-ROVERS & ASSOCIATES
 2055 Niagara Falls Blvd., Suite 3
 Niagara Falls, N.Y. 14304 (716) 297-6150

SHIPPED TO (Laboratory Name):

Fast America Pittsburgh

REFERENCE NUMBER: *18036-521*

Vaccorn - 4'ly, GW Samplings

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

SEQ. No. DATE TIME SAMPLE No.

3-19-08 1130 606-18036-031908-001

SAMPLE TYPE No. of Containers

cont. 4

PARAMETERS
VOCs Metals

31

REMARKS

TOTAL NUMBER OF CONTAINERS

4

HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
<i>David Tyran</i>	<i>3-19-08</i>	<i>1230</i>	<i>[Signature]</i>	<i>3/20/8</i>	<i>10:20</i>
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:

METHOD OF SHIPMENT: **Fed Ex**

WAY BILL No.

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 Goldenrod Sampler Copy

SAMPLE TEAM: *D. Tyran*

RECEIVED FOR LABORATORY BY:

[Signature]

No **N** 4275

DATE: *3/20/08* TIME: *10:20*

Leo Brausch Consulting

Client Sample ID: EFF0308

GC/MS Volatiles

Lot-Sample #....: C8C200153-001 Work Order #....: KJW5Q1AD Matrix.....: WATER
 Date Sampled...: 03/19/08 Date Received...: 03/20/08 MS Run #.....: 8085271
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085454 Analysis Time...: 04:53
 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	0.35 J	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.33
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
Trichloroethene	ND	1.0	ug/L	0.17

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
1,2-Dichloroethane-d4	87	(80 - 125)
Toluene-d8	98	(84 - 110)
Bromofluorobenzene	82	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFF0308

TOTAL Metals

Lot-Sample #...: C8C200153-001

Date Sampled...: 03/19/08

Date Received...: 03/20/08

Matrix.....: WATER

<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 #...: 8086277						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	03/26-03/28/08	KJW5Q1AA
		Dilution Factor: 1		Analysis Time...: 18:29	MS Run #.....: 8086140	
		MDL.....: 0.43				
Chromium	4.6 B	5.0	ug/L	MCAWW 200.7	03/26-03/28/08	KJW5Q1AC
		Dilution Factor: 1		Analysis Time...: 18:29	MS Run #.....: 8086140	
		MDL.....: 0.59				

NOTE(S) :

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFF0308

General Chemistry

Lot-Sample #...: C8C200153-001
Date Sampled...: 03/19/08

Work Order #...: KJW5Q
Date Received...: 03/20/08

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	7.2	--	No Units	SM20 4500-H+B	03/21/08	8081204
			Dilution Factor: 1	Analysis Time...: 13:04	MS Run #.....: 8081161	
			MDL.....: --			
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	03/21-03/22/08	8081183
			Dilution Factor: 1	Analysis Time...: 00:00	MS Run #.....: 8081127	
			MDL.....: 4.0			

Leo Brausch Consulting

Client Sample ID: IFF0308

GC/MS Volatiles

Lot-Sample #...: C8C200153-002 Work Order #...: KJW5X1AE Matrix.....: WATER
 Date Sampled...: 03/19/08 Date Received...: 03/20/08 MS Run #.....: 8085271
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #...: 8085454 Analysis Time...: 15:33
 Dilution Factor: 2
 Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	2.0	ug/L	0.26
cis-1,2-Dichloroethene	12	2.0	ug/L	0.34
Methylene chloride	ND	2.0	ug/L	0.66
Tetrachloroethene	ND	2.0	ug/L	0.58
Toluene	0.38 J	2.0	ug/L	0.26
1,1,1-Trichloroethane	1.0 J	2.0	ug/L	0.44
Trichloroethene	120	2.0	ug/L	0.34
Vinyl chloride	1.2 J	2.0	ug/L	0.44

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
1,2-Dichloroethane-d4	87	(80 - 125)
Toluene-d8	99	(84 - 110)
Bromofluorobenzene	83	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: IFF0308

TOTAL Metals

Lot-Sample #...: C8C200153-002

Date Sampled...: 03/19/08

Date Received...: 03/20/08

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>
Prep Batch #...: 8086277						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	03/26-03/28/08	KJW5X1AA
		Dilution Factor: 1		Analysis Time...: 18:34	MS Run #.....: 8086140	
		MDL.....: 0.43				
Chromium	8.5	5.0	ug/L	MCAWW 200.7	03/26-03/28/08	KJW5X1AD
		Dilution Factor: 1		Analysis Time...: 18:34	MS Run #.....: 8086140	
		MDL.....: 0.59				
Lead	4.2	3.0	ug/L	MCAWW 200.7	03/26-03/28/08	KJW5X1AC
		Dilution Factor: 1		Analysis Time...: 18:34	MS Run #.....: 8086140	
		MDL.....: 2.4				

Leo Brausch Consulting

Client Sample ID: IFF0308

General Chemistry

Lot-Sample #...: C8C200153-002
Date Sampled...: 03/19/08

Work Order #...: KJW5X
Date Received...: 03/20/08

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	9.4	--	No Units	SM20 4500-H+B	03/21/08	8081204
			Dilution Factor: 1	Analysis Time...: 00:00	MS Run #.....: 8081161	
			MDL.....: --			

Leo Brausch Consulting

Client Sample ID: WG-18036-031908-001

GC/MS Volatiles

Lot-Sample #...: C8C200153-003 Work Order #...: KJW521AA Matrix.....: WATER
Date Sampled...: 03/19/08 Date Received...: 03/20/08 MS Run #.....: 8085104
Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
Prep Batch #...: 8085157 Analysis Time...: 12:02
Dilution Factor: 4
Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	40	ug/L	4.0
cis-1,2-Dichloroethene	530	40	ug/L	4.0
1,1,1-Trichloroethane	ND	40	ug/L	4.0
Trichloroethene	110	40	ug/L	4.0
Vinyl chloride	53	40	ug/L	4.0
	<u>PERCENT</u>	<u>RECOVERY</u>		
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
Toluene-d8	94	(88 - 110)		
Bromofluorobenzene	96	(86 - 115)		
1,2-Dichloroethane-d4	95	(76 - 114)		

Leo Brausch Consulting

Client Sample ID: WG-18036-031908-001

TOTAL Metals

Lot-Sample #...: C8C200153-003

Date Sampled...: 03/19/08

Date Received...: 03/20/08

Matrix.....: WATER

<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 #...: 8087215						
Cadmium	0.38 B	5	ug/L	ICLP ILM04.0/4.1	03/27-03/31/08	KJW521AC
		Dilution Factor: 1		Analysis Time...: 08:30	MS Run #.....:	
		MDL.....: 0.28				
Lead	2.2 B	3	ug/L	ICLP ILM04.0/4.1	03/27-03/31/08	KJW521AD
		Dilution Factor: 1		Analysis Time...: 08:30	MS Run #.....:	
		MDL.....: 1.1				

NOTE(S) :

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8C200153
 MB Lot-Sample #: C8C250000-157

Work Order #...: KJ48T1AA

Matrix.....: WATER

Analysis Date...: 03/25/08
 Dilution Factor: 1

Prep Date.....: 03/25/08
 Prep Batch #...: 8085157

Analysis Time...: 08:36

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	90	(88 - 110)
Bromofluorobenzene	91	(86 - 115)
1,2-Dichloroethane-d4	89	(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 #...: C8C200153
 MB Lot-Sample #: A8C250000-454

Work Order #...: KJ6MG1AA

Matrix.....: WATER

Analysis Date...: 03/24/08
 Dilution Factor: 1

Prep Date.....: 03/24/08
 Prep Batch #...: 8085454

Analysis Time...: 18:47

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Methylene chloride	0.35 J	1.0	ug/L	CFR136A 624
Tetrachloroethene	ND	1.0	ug/L	CFR136A 624
Toluene	ND	1.0	ug/L	CFR136A 624
1,1,1-Trichloroethane	ND	1.0	ug/L	CFR136A 624
Trichloroethene	ND	1.0	ug/L	CFR136A 624
Vinyl chloride	ND	1.0	ug/L	CFR136A 624
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	ND	1.0	ug/L	CFR136A 624
		PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS		
1,2-Dichloroethane-d4	91	(80 - 125)		
Toluene-d8	100	(84 - 110)		
Bromofluorobenzene	85	(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.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: C8C200153

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8C260000-277 Prep Batch #....: 8086277						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	03/26-03/28/08	KJ7111AA
		Dilution Factor: 1				
		Analysis Time...: 18:07				
Chromium	ND	5.0	ug/L	MCAWW 200.7	03/26-03/28/08	KJ7111AD
		Dilution Factor: 1				
		Analysis Time...: 18:07				
Lead	ND	3.0	ug/L	MCAWW 200.7	03/26-03/28/08	KJ7111AC
		Dilution Factor: 1				
		Analysis Time...: 18:07				
MB Lot-Sample #: C8C270000-215 Prep Batch #....: 8087215						
Cadmium	ND	5.0	ug/L	ICLP ILM04.0/4.1	03/27-03/31/08	KKADG1AA
		Dilution Factor: 1				
		Analysis Time...: 08:19				
Lead	ND	3.0	ug/L	ICLP ILM04.0/4.1	03/27-03/31/08	KKADG1AC
		Dilution Factor: 1				
		Analysis Time...: 08:19				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C8C200153

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	03/21-03/22/08	8081183
		Work Order #: KJING1AA		MB Lot-Sample #: C8C210000-183		
		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 #....: C8C200153 Work Order #....: KJ48T1AC Matrix.....: WATER
 LCS Lot-Sample#: C8C250000-157
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085157 Analysis Time...: 10:31
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Trichloroethene	94	(71 - 120)	OCLP OLM04.2
Toluene	96	(76 - 125)	OCLP OLM04.2
1,1-Dichloroethene	95	(61 - 145)	OCLP OLM04.2
Benzene	95	(76 - 127)	OCLP OLM04.2
Chlorobenzene	95	(75 - 130)	OCLP OLM04.2

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	104	(88 - 110)
Bromofluorobenzene	101	(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

GC/MS Volatiles

Client Lot #...: C8C200153 Work Order #...: KJ6MG1AC Matrix.....: WATER
 LCS Lot-Sample#: A8C250000-454
 Prep Date.....: 03/24/08 Analysis Date...: 03/24/08
 Prep Batch #...: 8085454 Analysis Time...: 18:22
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	95	(37 - 151)	CFR136A 624
Bromodichloromethane	100	(35 - 155)	CFR136A 624
Bromoform	83	(45 - 169)	CFR136A 624
Bromomethane	67	(10 - 242)	CFR136A 624
Carbon tetrachloride	92	(70 - 140)	CFR136A 624
Chlorobenzene	103	(37 - 160)	CFR136A 624
Chloroethane	66	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	90	(10 - 305)	CFR136A 624
Chloroform	102	(51 - 138)	CFR136A 624
Chloromethane	58	(10 - 273)	CFR136A 624
Dibromochloromethane	111	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	94	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	91	(18 - 190)	CFR136A 624
1,1-Dichloroethane	89	(59 - 155)	CFR136A 624
1,2-Dichloroethane	100	(49 - 155)	CFR136A 624
1,1-Dichloroethene	98	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	93	(54 - 156)	CFR136A 624
1,2-Dichloropropane	87	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	98	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	93	(17 - 183)	CFR136A 624
Ethylbenzene	96	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	98	(46 - 157)	CFR136A 624
1,1,2-Trichloroethane	102	(52 - 150)	CFR136A 624
Trichlorofluoromethane	81	(17 - 181)	CFR136A 624
1,2-Dichlorobenzene	96	(18 - 190)	CFR136A 624
Methylene chloride	97	(10 - 221)	CFR136A 624
Tetrachloroethene	98	(64 - 148)	CFR136A 624
Toluene	101	(47 - 150)	CFR136A 624
1,1,1-Trichloroethane	92	(52 - 162)	CFR136A 624
Trichloroethene	112	(71 - 157)	CFR136A 624
Vinyl chloride	73	(10 - 251)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C8C200153

Work Order #...: KJ6MG1AC

Matrix.....: WATER

LCS Lot-Sample#: A8C250000-454

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	92	(80 - 125)
Toluene-d8	104	(84 - 110)
Bromofluorobenzene	95	(81 - 112)

NOTE (S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8C200153

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#: C8C260000-277 Prep Batch #...: 8086277					
Cadmium	101	(85 - 115)	MCAWW 200.7	03/26-03/28/08	KJ7111AE
		Dilution Factor: 1		Analysis Time...: 18:12	
Lead	102	(85 - 115)	MCAWW 200.7	03/26-03/28/08	KJ7111AF
		Dilution Factor: 1		Analysis Time...: 18:12	
Chromium	102	(85 - 115)	MCAWW 200.7	03/26-03/28/08	KJ7111AG
		Dilution Factor: 1		Analysis Time...: 18:12	
LCS Lot-Sample#: C8C270000-215 Prep Batch #...: 8087215					
Cadmium	97	(80 - 120)	ICLP ILM04.0/4.1	03/27-03/31/08	KKADG1AD
		Dilution Factor: 1		Analysis Time...: 08:24	
Lead	99	(80 - 120)	ICLP ILM04.0/4.1	03/27-03/31/08	KKADG1AE
		Dilution Factor: 1		Analysis Time...: 08:24	

NOTE (S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C8C200153

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	Work Order #: KJ12D1AA (99 - 101)	LCS Lot-Sample#: C8C210000-204 SM20 4500-H+B	03/21/08	8081204
		Dilution Factor: 1	Analysis Time...: 12:56		
Total Suspended Solids	82	Work Order #: KJ1NG1AC (80 - 120)	LCS Lot-Sample#: C8C210000-183 SM20 2540D	03/21-03/22/08	8081183
		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

Client Lot #....: C8C200153	Work Order #....: KJV671A2-MS	Matrix.....: WATER
MS Lot-Sample #: C8C190295-005	KJV671A3-MSD	
Date Sampled....: 03/18/08	Date Received...: 03/19/08	MS Run #.....: 8085104
Prep Date.....: 03/25/08	Analysis Date...: 03/25/08	
Prep Batch #....: 8085157	Analysis Time...: 10:07	
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	73	(71 - 120)			OCLP OLM04.2
	91 p	(71 - 120)	22	(0-14)	OCLP OLM04.2
Toluene	75 a	(76 - 125)			OCLP OLM04.2
	92 p	(76 - 125)	21	(0-13)	OCLP OLM04.2
1,1-Dichloroethene	74	(61 - 145)			OCLP OLM04.2
	93 p	(61 - 145)	22	(0-14)	OCLP OLM04.2
Benzene	73 a	(76 - 127)			OCLP OLM04.2
	91 p	(76 - 127)	21	(0-11)	OCLP OLM04.2
Chlorobenzene	73 a	(75 - 130)			OCLP OLM04.2
	92 p	(75 - 130)	22	(0-13)	OCLP OLM04.2

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	102	(88 - 110)
	99	(88 - 110)
Bromofluorobenzene	104	(86 - 115)
	97	(86 - 115)
1,2-Dichloroethane-d4	102	(76 - 114)
	98	(76 - 114)

NOTE (S) :

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #....: C8C200153 Work Order #....: KJ0Q01A0 Matrix.....: WATER
 MS Lot-Sample #: A8C210103-002
 Date Sampled....: 03/20/08 Date Received...: 03/21/08
 Prep Date.....: 03/25/08 Analysis Date...: 03/25/08
 Prep Batch #....: 8085454 MS Run #.....: 8085271
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	90	(90 - 114)	CFR136A 624
Bromodichloromethane	88	(78 - 123)	CFR136A 624
Bromoform	65	(40 - 141)	CFR136A 624
Bromomethane	67	(42 - 160)	CFR136A 624
Carbon tetrachloride	78	(61 - 129)	CFR136A 624
Chlorobenzene	97	(90 - 113)	CFR136A 624
Chloroethane	62	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)	CFR136A 624
Chloroform	97	(90 - 118)	CFR136A 624
Chloromethane	54	(37 - 127)	CFR136A 624
Dibromochloromethane	93	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	85 a	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	83 a	(90 - 112)	CFR136A 624
1,1-Dichloroethane	83 a	(90 - 114)	CFR136A 624
1,2-Dichloroethane	92	(90 - 123)	CFR136A 624
1,1-Dichloroethene	94	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	89	(85 - 116)	CFR136A 624
1,2-Dichloropropane	83 a	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	77	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	73	(71 - 114)	CFR136A 624
Ethylbenzene	90	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	91	(77 - 133)	CFR136A 624
1,1,2-Trichloroethane	97	(89 - 123)	CFR136A 624
Trichlorofluoromethane	73	(62 - 110)	CFR136A 624
1,2-Dichlorobenzene	89 a	(90 - 115)	CFR136A 624
Methylene chloride	96	(78 - 131)	CFR136A 624
Tetrachloroethene	93	(81 - 112)	CFR136A 624
Toluene	95	(87 - 112)	CFR136A 624
1,1,1-Trichloroethane	85	(82 - 119)	CFR136A 624
Trichloroethene	104	(85 - 114)	CFR136A 624
Vinyl chloride	73	(50 - 119)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	92	(80 - 125)
Toluene-d8	104	(84 - 110)
Bromofluorobenzene	93	(81 - 112)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C8C200153

Work Order #...: KJ0Q01A0

Matrix.....: WATER

MS Lot-Sample #: ABC210103-002

NOTE(S) :

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C8C200153

Matrix.....: WATER

Date Sampled...: 03/19/08

Date Received...: 03/20/08

<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 #: C8C200153-002 Prep Batch #....: 8086277							
Cadmium	103	(70 - 130)			MCAWW 200.7	03/26-03/28/08	KJW5X1AG
	106	(70 - 130)	2.6	(0-20)	MCAWW 200.7	03/26-03/28/08	KJW5X1AH
			Dilution Factor: 1				
			Analysis Time...: 18:45				
			MS Run #.....: 8086140				
Chromium	102	(70 - 130)			MCAWW 200.7	03/26-03/28/08	KJW5X1AL
	105	(70 - 130)	2.4	(0-20)	MCAWW 200.7	03/26-03/28/08	KJW5X1AM
			Dilution Factor: 1				
			Analysis Time...: 18:45				
			MS Run #.....: 8086140				
Lead	104	(70 - 130)			MCAWW 200.7	03/26-03/28/08	KJW5X1AJ
	107	(70 - 130)	2.6	(0-20)	MCAWW 200.7	03/26-03/28/08	KJW5X1AK
			Dilution Factor: 1				
			Analysis Time...: 18:45				
			MS Run #.....: 8086140				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: C8C200153

Work Order #....: KJW3J-SMP
KJW3J-DUP

Matrix.....: WATER

Date Sampled....: 03/19/08

Date Received...: 03/20/08

<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>
Total Suspended Solids	ND	ND	mg/L	0	(0-20)	SM20 2540D	03/21-03/22/08	8081183
			Dilution Factor: 1			Analysis Time...: 00:00	MS Run Number...: 8081127	
						SD Lot-Sample #: C8C200148-002		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C8C200153

Work Order #...: KJW3D-SMP
KJW3D-DUP

Matrix.....: WATER

Date Sampled...: 03/19/08

Date Received...: 03/20/08

<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>
pH	8.1	8.1	No Units	0.37	(0-2.0)	SD Lot-Sample #: C8C200148-001 SM20 4500-H+B	03/21/08	8081204
			Dilution Factor: 1			Analysis Time...: 13:00	MS Run Number...: 8081161	