



CBS Corporation

Environmental Remediation
11 Stanwix Street
Pittsburgh, PA 15222

July 10, 2008

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

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

Dear Mr. Murray:

On behalf of the Respondents to the Order on Consent and Settlement Agreement (Index No. B9-0381-91-8) (the "Order"), CBS Corporation (CBS) submits this monthly report on the status of operation and maintenance (O&M) activities at New York State Department of Environmental Conservation (NYSDEC) Site No. 9-15-066 in Cheektowaga, New York (the "Site"). Under an Agreement among the Respondents, CBS is managing the Remedial Program pursuant to the Order. This report covers activities during June 2008 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

- A. On June 18, 2008, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the May 2008 operating period. That status report also transmitted the discharge monitoring data for May 2008.
- B. The recovery and treatment system operated throughout the June 2008 reporting period.
- C. Conestoga-Rovers & Associates (CRA) conducted O&M on behalf of CBS, including the quarterly treatment system influent sampling and the semi-annual groundwater monitoring.

- D. TestAmerica Laboratories, Inc. provided analytical laboratory services, as required.
- E. Pursuant to the agreements reached at the meeting of June 26, 2006, as subsequently documented via CBS' correspondence of August 8, 2006, NYSDEC is working directly with the Niagara Frontier Transportation Authority and Mercy Flight of Western New York, Inc. regarding vapor intrusion issues associated with the redevelopment of the Flying Tigers Area (Area P) of the Site.

2. Sampling Results and Other Site Data

- A. In June 2008, the groundwater system recovered an estimated 146,000 gallons.
- B. Attachment A provides the discharge monitoring report for June 2008 based on the effluent sample collected on June 17, 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 June 2008 reporting period, the effluent complied with all discharge limitations except for pH. The field pH readings taken on June 1 and June 5, 2008 were 6.43 and 6.39, respectively, slightly below the lower discharge limit of 6.5. The remaining six readings for the month were within the allowable range of 6.5 to 8.5, and the mean of the eight June 2008 pH readings was 6.87.
- E. Table 1 presents the results of influent sampling data, including the most recent influent sample collected on June 17, 2008. Attachment B includes the analytical laboratory report for this influent sample.

3. Upcoming Activities

- A. CBS plans to meet with NYSDEC on July 29, 2008 to discuss methodologies and timetables for shutting down those portions of the groundwater collection system that drain to Sumps 001 and 002. CBS will provide additional information to NYSDEC in advance of that scheduled meeting.

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

TABLE

**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
06/17/08	Composite	20	4 U	4 U	190	2.3 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.

ATTACHMENT A
DISCHARGE MONITORING REPORT
JUNE 2008

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

Reporting Month & Year **Jun-08**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		7,255	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	6.39	7.43	s.u.		8	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	< 0.00007	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		< 1.0	ug/L	< 0.00007	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00007	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		0.38	ug/L	0.000023	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00007	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00007	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		4.7	ug/L	0.00028	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
ANALYTICAL LABORATORY REPORT
INFLUENT AND EFFLUENT SAMPLING
JUNE 2008

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C8F180260

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

July 8, 2008



NELAC REPORTING:

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

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

The codes utilized for program types are described below:

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

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

CASE NARRATIVE

Leo Brausch Consulting

Lot # C8F180260

Sample Receiving:

TestAmerica's Pittsburgh laboratory received samples on June 18, 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's North Canton laboratory analyzed the volatiles.

Sample INF0608 was analyzed at a dilution.


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.

CHAIN OF CUSTODY RECORD

 CONESTOGA-ROVERS & ASSOCIATES 2055 Nagre Falls Blvd Alaska Falls NE 1944		SHIPPED TO (Laboratory Name): Test America		REFERENCE NUMBER: Viacom Buffalo Air port 018036		
SAMPLER'S SIGNATURE: <i>[Signature]</i>		PRINTED NAME: <i>Chick Bullen</i>		REMARKS No. of Containers: <i>53</i> PARAMETERS: <i>PHSS, CHLOR, HPL, HPL, HPL</i>		
SEQ. No.	DATE	TIME	SAMPLE No.			SAMPLE TYPE
	<i>6-17-08</i>	<i>9:00</i>	<i>EFF-0608</i>			<i>6</i>
	<i>6-17-08</i>	<i>9:00</i>	<i>IEF-0608</i>			
			TOTAL NUMBER OF CONTAINERS: <i>10</i>			
RELINQUISHED BY: <i>[Signature]</i>		DATE: <i>6-17-08</i> TIME: <i>4:17</i>		RECEIVED BY: <i>[Signature]</i> DATE: <i>6/18/08</i> TIME: <i>0935</i>		
RELINQUISHED BY:		DATE:		RECEIVED BY:		
RELINQUISHED BY:		DATE:		RECEIVED BY:		
METHOD OF SHIPMENT: <i>FEDEX</i>						
WAY BILL NO.		RECEIVED FOR LABORATORY BY: <i>[Signature]</i> DATE: <i>6/18/08</i> TIME: <i>0935</i>				
SAMPLE TEAM: <i>[Signature]</i>		No CRA 01300				

* Cooler Sealed for shipment

METHODS SUMMARY

C8F180260

<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

C8F180260

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
KP59E	001	EFF0608	06/17/08	09:00
KP591	002	INF0608	06/17/08	09:00

NOTE (S) :

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

Leo Brausch Consulting

Client Sample ID: EFF0608

GC/MS Volatiles

Lot-Sample #....: C8F180260-001 Work Order #....: KP59E1AD Matrix.....: WATER
 Date Sampled...: 06/17/08 Date Received...: 06/18/08 MS Run #.....: 8176361
 Prep Date.....: 06/24/08 Analysis Date...: 06/24/08
 Prep Batch #....: 8176530 Analysis Time...: 04:59
 Dilution Factor: 1
 Method.....: CFR136A 624

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
cis-1,2-Dichloroethene	0.38 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

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	87	(80 - 125)
Toluene-d8	95	(84 - 110)
Bromofluorobenzene	91	(81 - 112)

NOTE (S) :

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: INF0608

GC/MS Volatiles

Lot-Sample #...: C8F180260-002 Work Order #...: KP5911AE Matrix.....: WATER
 Date Sampled...: 06/17/08 Date Received...: 06/18/08 MS Run #.....: 8176361
 Prep Date.....: 06/24/08 Analysis Date...: 06/24/08
 Prep Batch #...: 8176530 Analysis Time...: 14:36
 Dilution Factor: 4
 Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	4.0	ug/L	0.52
cis-1,2-Dichloroethene	20	4.0	ug/L	0.68
Methylene chloride	1.8 J	4.0	ug/L	1.3
Tetrachloroethene	ND	4.0	ug/L	1.2
Toluene	ND	4.0	ug/L	0.52
1,1,1-Trichloroethane	ND	4.0	ug/L	0.88
Trichloroethene	190	4.0	ug/L	0.68
Vinyl chloride	2.3 J	4.0	ug/L	0.88

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
1,2-Dichloroethane-d4	94	(80 - 125)
Toluene-d8	103	(84 - 110)
Bromofluorobenzene	99	(81 - 112)

NOTE (S) :

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8F180260
 MB Lot-Sample #: A8F240000-530

Work Order #...: KQHTR1AA

Matrix.....: WATER

Analysis Date...: 06/23/08
 Dilution Factor: 1

Prep Date.....: 06/23/08

Analysis Time...: 17:42

Prep Batch #...: 8176530

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Methylene chloride	ND	1.0	ug/L	CFR136A 624
Tetrachloroethene	ND	1.0	ug/L	CFR136A 624
Toluene	ND	1.0	ug/L	CFR136A 624
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

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
1,2-Dichloroethane-d4	88	(80 - 125)
Toluene-d8	94	(84 - 110)
Bromofluorobenzene	94	(81 - 112)

NOTE (S) :

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C8F180260 Work Order #...: KQHTR1AC Matrix.....: WATER
 LCS Lot-Sample#: A8F240000-530
 Prep Date.....: 06/23/08 Analysis Date...: 06/23/08
 Prep Batch #...: 8176530 Analysis Time...: 17:19
 Dilution Factor: 1

<u>PARAMETER</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	<u>METHOD</u>
Benzene	90	(37 - 151)	CFR136A 624
Bromodichloromethane	96	(35 - 155)	CFR136A 624
Bromoform	103	(45 - 169)	CFR136A 624
Bromomethane	125	(10 - 242)	CFR136A 624
Carbon tetrachloride	101	(70 - 140)	CFR136A 624
Chlorobenzene	92	(37 - 160)	CFR136A 624
Chloroethane	128	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	168	(10 - 305)	CFR136A 624
Chloroform	92	(51 - 138)	CFR136A 624
Chloromethane	70	(10 - 273)	CFR136A 624
Dibromochloromethane	107	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	91	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	91	(18 - 190)	CFR136A 624
1,1-Dichloroethane	89	(59 - 155)	CFR136A 624
1,2-Dichloroethane	95	(49 - 155)	CFR136A 624
1,1-Dichloroethene	96	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	89	(54 - 156)	CFR136A 624
1,2-Dichloropropane	93	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	119	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	125	(17 - 183)	CFR136A 624
Ethylbenzene	92	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	113	(46 - 157)	CFR136A 624
1,1,2-Trichloroethane	93	(52 - 150)	CFR136A 624
Trichlorofluoromethane	115	(17 - 181)	CFR136A 624
1,2-Dichlorobenzene	95	(18 - 190)	CFR136A 624
Methylene chloride	89	(10 - 221)	CFR136A 624
Tetrachloroethene	81	(64 - 148)	CFR136A 624
Toluene	93	(47 - 150)	CFR136A 624
1,1,1-Trichloroethane	102	(52 - 162)	CFR136A 624
Trichloroethene	81	(71 - 157)	CFR136A 624
Vinyl chloride	96	(10 - 251)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C8F180260 Work Order #...: KQHTR1AC Matrix.....: WATER
LCS Lot-Sample#: A8F240000-530

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	88	(80 - 125)
Toluene-d8	102	(84 - 110)
Bromofluorobenzene	105	(81 - 112)

NOTE (S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C8F180260 Work Order #...: KP8VM1AH Matrix.....: WATER
 MS Lot-Sample #: A8F190263-001
 Date Sampled...: 06/18/08 Date Received...: 06/19/08
 Prep Date.....: 06/24/08 Analysis Date...: 06/24/08
 Prep Batch #...: 8176530 MS Run #.....: 8176361
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	89 a	(90 - 114)	CFR136A 624
Bromodichloromethane	79	(78 - 123)	CFR136A 624
Bromoform	62	(40 - 141)	CFR136A 624
Bromomethane	123	(42 - 160)	CFR136A 624
Carbon tetrachloride	67	(61 - 129)	CFR136A 624
Chlorobenzene	90	(90 - 113)	CFR136A 624
Chloroethane	119	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)	CFR136A 624
Chloroform	88 a	(90 - 118)	CFR136A 624
Chloromethane	70	(37 - 127)	CFR136A 624
Dibromochloromethane	79	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	86 a	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	87 a	(90 - 112)	CFR136A 624
1,1-Dichloroethane	86 a	(90 - 114)	CFR136A 624
1,2-Dichloroethane	95	(90 - 123)	CFR136A 624
1,1-Dichloroethene	79 a	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	79 a	(85 - 116)	CFR136A 624
1,2-Dichloropropane	92	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	97	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	101	(71 - 114)	CFR136A 624
Ethylbenzene	90	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	110	(77 - 133)	CFR136A 624
1,1,2-Trichloroethane	95	(89 - 123)	CFR136A 624
Trichlorofluoromethane	88	(62 - 110)	CFR136A 624
1,2-Dichlorobenzene	89 a	(90 - 115)	CFR136A 624
Methylene chloride	88	(78 - 131)	CFR136A 624
Tetrachloroethene	79 a	(81 - 112)	CFR136A 624
Toluene	93	(87 - 112)	CFR136A 624
1,1,1-Trichloroethane	89	(82 - 119)	CFR136A 624
Trichloroethene	77 a	(85 - 114)	CFR136A 624
Vinyl chloride	99	(50 - 119)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	100	(80 - 125)
Toluene-d8	102	(84 - 110)
Bromofluorobenzene	105	(81 - 112)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C8F180260
MS Lot-Sample #: A8F190263-001

Work Order #...: KP8VM1AH

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.

Leo Brausch Consulting

Client Sample ID: EFF0608

TOTAL Metals

Lot-Sample #...: C8F180260-001

Matrix.....: WATER

Date Sampled...: 06/17/08

Date Received...: 06/18/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8182145						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	06/30-07/02/08	KP59E1AA
		Dilution Factor: 1		Analysis Time...: 20:59	MS Run #.....: 8182079	
		MDL.....: 0.43				
Chromium	4.7 B	5.0	ug/L	MCAWW 200.7	06/30-07/02/08	KP59E1AC
		Dilution Factor: 1		Analysis Time...: 20:59	MS Run #.....: 8182079	
		MDL.....: 0.59				

NOTE(S) :

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: INF0608

TOTAL Metals

Lot-Sample #...: C8F180260-002

Matrix.....: WATER

Date Sampled...: 06/17/08

Date Received...: 06/18/08

<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 #...: 8182145						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	06/30-07/02/08	KP5911AA
		Dilution Factor: 1		Analysis Time...: 20:37	MS Run #.....: 8182079	
		MDL.....: 0.43				
Chromium	5.9	5.0	ug/L	MCAWW 200.7	06/30-07/02/08	KP5911AD
		Dilution Factor: 1		Analysis Time...: 20:37	MS Run #.....: 8182079	
		MDL.....: 0.59				
Lead	ND	3.0	ug/L	MCAWW 200.7	06/30-07/02/08	KP5911AC
		Dilution Factor: 1		Analysis Time...: 20:37	MS Run #.....: 8182079	
		MDL.....: 2.4				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8F180260

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C8F300000-145 Prep Batch #... : 8182145						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	06/30-07/02/08	KQT7A1AA
		Dilution Factor: 1				
		Analysis Time..: 20:26				
Chromium	ND	5.0	ug/L	MCAWW 200.7	06/30-07/02/08	KQT7A1AD
		Dilution Factor: 1				
		Analysis Time..: 20:26				
Lead	ND	3.0	ug/L	MCAWW 200.7	06/30-07/02/08	KQT7A1AC
		Dilution Factor: 1				
		Analysis Time..: 20:26				

NOTE (S) :

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8F180260

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#: C8F300000-145 Prep Batch #...: 8182145					
Cadmium	97	(85 - 115)	MCAWW 200.7	06/30-07/02/08	KQT7A1AE
		Dilution Factor: 1		Analysis Time..: 20:32	
Lead	96	(85 - 115)	MCAWW 200.7	06/30-07/02/08	KQT7A1AF
		Dilution Factor: 1		Analysis Time..: 20:32	
Chromium	95	(85 - 115)	MCAWW 200.7	06/30-07/02/08	KQT7A1AG
		Dilution Factor: 1		Analysis Time..: 20:32	

NOTE(S) :

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8F180260

Matrix.....: WATER

Date Sampled...: 06/17/08

Date Received...: 06/18/08

<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 #: C8F180260-002 Prep Batch #...: 8182145							
Cadmium	97	(70 - 130)			MCAWW 200.7	06/30-07/02/08	KP5911AG
	95	(70 - 130)	1.7	(0-20)	MCAWW 200.7	06/30-07/02/08	KP5911AH
			Dilution Factor: 1				
			Analysis Time..: 20:48				
			MS Run #.....: 8182079				
Chromium	93	(70 - 130)			MCAWW 200.7	06/30-07/02/08	KP5911AL
	92	(70 - 130)	1.7	(0-20)	MCAWW 200.7	06/30-07/02/08	KP5911AM
			Dilution Factor: 1				
			Analysis Time..: 20:48				
			MS Run #.....: 8182079				
Lead	95	(70 - 130)			MCAWW 200.7	06/30-07/02/08	KP5911AJ
	94	(70 - 130)	1.4	(0-20)	MCAWW 200.7	06/30-07/02/08	KP5911AK
			Dilution Factor: 1				
			Analysis Time..: 20:48				
			MS Run #.....: 8182079				

NOTE(S) :

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

Leo Brausch Consulting

Client Sample ID: EFF0608

General Chemistry

Lot-Sample #...: C8F180260-001
 Date Sampled...: 06/17/08

Work Order #...: KP59E
 Date Received...: 06/18/08

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	7.4	--	No Units	SM20 4500-H+B	06/19-06/20/08	8171325
				Dilution Factor: 1	Analysis Time..: 15:02	MS Run #.....: 8171206
				MDL.....: --		
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	06/19-06/20/08	8171055
				Dilution Factor: 1	Analysis Time..: 00:00	MS Run #.....: 8171025
				MDL.....: 4.0		

Leo Brausch Consulting

Client Sample ID: INF0608

General Chemistry

Lot-Sample #....: C8F180260-002
Date Sampled....: 06/17/08

Work Order #....: KP591
Date Received...: 06/18/08

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	8.6	--	No Units	SM20 4500-H+B	06/19-06/20/08	8171325
			Dilution Factor: 1	Analysis Time..: 15:05	MS Run #.....: 8171206	
			MDL.....: --			

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C8F180260

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	06/19-06/20/08	8171055

Work Order #: KP7A11AA MB Lot-Sample #: C8F190000-055
Dilution Factor: 1
Analysis Time..: 00:00

NOTE(S) :

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #....: C8F180260

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	06/19-06/20/08	8171325
		Dilution Factor: 1		Analysis Time..: 00:00	
Total Suspended Solids	91	(80 - 120)	SM20 2540D	06/19-06/20/08	8171055
		Dilution Factor: 1		Analysis Time..: 00:00	

NOTE (S) :

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C8F180260

Work Order #...: KP579-SMP
KP579-DUP

Matrix.....: WATER

Date Sampled...: 06/17/08

Date Received...: 06/18/08

<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	231	230	mg/L	0.44	(0-20)	SM20 2540D	06/19-06/20/08	8171055
		Dilution Factor: 1		Analysis Time..: 00:00		MS Run Number..: 8171025		
SD Lot-Sample #: C8F180251-002								

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C8F180260

Work Order #...: KP3P5-SMP
KP3P5-DUP

Matrix.....: WATER

Date Sampled...: 06/16/08

Date Received...: 06/17/08

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>		<u>RPD</u>	<u>LIMIT</u>		<u>ANALYSIS DATE</u>	<u>BATCH #</u>
pH	6.5	6.5	No Units	0.31	(0-2.0)	SM20 4500-H+B	06/19-06/20/08	8171325
			Dilution Factor: 1			Analysis Time..: 14:35	MS Run Number..: 8171206	
						SD Lot-Sample #: C8F170194-001		