CBS Corporation

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

September 14, 2009

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

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

Dear Mr. Murray:

On behalf of the Respondents to the Order on Consent and Settlement Agreement, Index No. B9-0381-91-8 (the "Order"), CBS Corporation (CBS) submits this monthly report on the status of operation and maintenance (O&M) activities at New York State Department of Environmental Conservation (NYSDEC) Site No. 9-15-066 in Cheektowaga, New York (the "Site"). Under an Agreement among the Respondents, CBS is managing the Remedial Program defined in the Order. This report covers activities during the period of August 1 through August 31, 2009 and transmits the discharge monitoring report for this period.

1. Site Activities and Status

A. On August 7 and August 14, 2009 Conestoga-Rovers & Associates (CRA) measured water levels at select manholes and monitoring wells following the Phase 1 closure of the 001 groundwater collection system. Via email, CBS provided interim reports to NYSDEC, with copies to the Niagara Frontier Transportation Authority (NFTA), on these efforts and the results of water level monitoring. With the assistance of CRA, CBS subsequently prepared and submitted a report to document the Phase 1 closure of the 001 system.[1]

B. On August 20, 2009, CBS submitted to NYSDEC a monthly report on the status of both routine and non-routine O&M activities at the Site for the July 2009 operating period. That status report also transmitted the discharge monitoring data for July 2009.

[1] CBS submitted its letter report on the Phase 1 Closure of 001 Segment of Groundwater Collection System to NYSDEC on September 4, 2009.

C. The recovery and treatment system operated throughout the August 2009 reporting period.

D. CRA conducted routine O&M on behalf of CBS, and TestAmerica Laboratories, Inc. provided analytical laboratory services.

2. Sampling Results and Other Site Data

A. In August 2009, the groundwater system recovered and treated an estimated 103,000 gallons.[2]

B. Attachment A provides the discharge monitoring report for August 2009 based on effluent sample collected on August 25, 2009. 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. The maximum daily flow was calculated from these data.

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

- The reported daily maximum values (pounds per day) are calculated using the maximum observed daily flow and the results of the monthly effluent monitoring, irrespective of whether the actual maximum daily flow occurred on the day of sampling.

D. For the August 2009 reporting period, the effluent complied with all discharge limitations except for pH. Recorded effluent pH values ranged from 5.78 to 9.10, compared to the discharge limitation range of 6.5 to 8.5; the mean pH value for August 2009 was 6.98. Further efforts are being made to more closely control pH and recalibrate pH meters.

3. Upcoming Activities

A. CBS will continue required O&M activities, including pumping of Sump 001.

B. CRA will complete post-closure quarterly groundwater monitoring at specified wells associated with the 001 system and at well MW-32.

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[2] Based on additional information and recalculation, the estimated total discharge for July 2009 has been revised to 154,000 gallons from the 160,000 gallons as indicated in the May 2009 monthly status report.

C. With NYSDEC approval, CBS will complete the Phase 1 closure of the 002 system by closing and sealing manholes MH-002-09 and MH-002-10 on this segment of the groundwater collection system.

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

4. Operational Problems

A. Previously reported operational problems associated with elevated pH, pH control, 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.

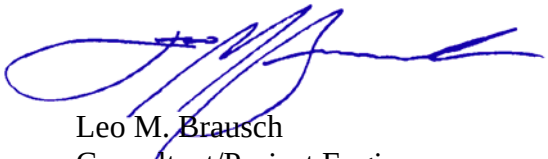
B. The initial water level data indicate that the Phase 1 closure of the 001 groundwater collection system has addressed the previously observed high water levels at Sump 001, which had led to periodic overtopping of that manhole. Overtopping at Sump 002 will be addressed through the partial closure of that segment of the groundwater collection system.

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

* * * *

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: J. Kay, CRA
K. P. Lynch, CRA
K. Minkel, NFTA

ATTACHMENT A

DISCHARGE MONITORING REPORT
AUGUST 2009

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

Reporting Month & Year **Aug-09**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**4,886**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**5.78**	**9.10**	**s.u.**		**8**	**Grab**
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		**< 4.0**	**mg/L**	**< 0.2**	**1**	**Grab**
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00004**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00005**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00005**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00005**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00005**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00005**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**< 0.15**	**ug/L**	**< 0.000006**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**< 5.0**	**ug/L**	**< 0.0002**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

LABORATORY ANALYSIS REPORT
AUGUST 2009 EFFLUENT SAMPLE

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C9H260308

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

September 9, 2009

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	(#88-0690)	WW	X
		HW	X
California – NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida – NELAC	(#E871008-04)	WW	X
		HW	X
Illinois – NELAC	(#002064)	WW	X
		HW	X
Kansas – NELAC	(#E-10350)	WW	X
		HW	X
Louisiana – NELAC	(#04041)	WW	X
		HW	X
New Hampshire – NELAC	(#203008)	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	(#89014002)	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: 2/5/2009 C:\Documents and Settings\derubeisn\My Documents\NELAC NARRATIVE Pttsburgh.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C9H260308

Sample Receiving:
TestAmerica's Pittsburgh laboratory received one sample on August 26, 2009. 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 performed the 624 analysis.

The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "J" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "B" qualifier.

Metals:
There were no problems associated with the analysis.

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

Client Code 1356280

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES 2055 Niagara Falls Blvd Niagara Falls NY 14304	SHIPPED TO (Laboratory Name): Test America pitts	REFERENCE NUMBER: 018036 Buffalo Air Port Via Com

SAMPLER'S SIGNATURE: ______ PRINTED NAME: ______

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: 624 VOAs	PH/TSS	Cd, Cr								REMARKS
	8-25-09	9:00	EFF0809	Water	5	3	1	1								

TOTAL NUMBER OF CONTAINERS: 5

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
① [signature]	DATE: 10:00 TIME: 8-25-09	①	DATE: TIME:
②	DATE: TIME:	②	DATE: TIME:
③	DATE: TIME:	③ [signature]	DATE: 8 26 09 TIME: 1010

METHOD OF SHIPMENT: WAY BILL No.

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

SAMPLE TEAM: [signature]

RECEIVED FOR LABORATORY BY: ______
DATE: ______ TIME: ______

№ CRA 15310

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

METHODS SUMMARY

C9H260308

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

References:

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

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

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

SAMPLE SUMMARY

C9H260308

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LJTXL	001	EFF0809	08/25/09	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: EFF0809

GC/MS Volatiles

Lot-Sample #...: C9H260308-001 **Work Order #...:** LJTXL1AD **Matrix.....:** WATER
Date Sampled...: 08/25/09 **Date Received..:** 08/26/09 **MS Run #.....:** 9245253
Prep Date.....: 09/02/09 **Analysis Date..:** 09/02/09
Prep Batch #...: 9245441 **Analysis Time..:** 06:29
Dilution Factor: 1

Method.....: CFR136A 624

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(80 - 125)
Toluene-d8	100	(84 - 110)
Bromofluorobenzene	86	(81 - 112)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9H260308 **Work Order #...:** LJ8CR1AA **Matrix.....:** WATER
MB Lot-Sample #: A9I020000-441

Prep Date.....: 09/01/09 **Analysis Time..:** 17:47
Analysis Date..: 09/01/09 **Prep Batch #...:** 9245441
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methylene chloride	**0.39 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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(80 - 125)
Toluene-d8	104	(84 - 110)
Bromofluorobenzene	90	(81 - 112)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9H260308 **Work Order #...:** LJ8CR1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A9I020000-441 LJ8CR1AD-LCSD
Prep Date.....: 09/01/09 **Analysis Date..:** 09/01/09
Prep Batch #...: 9245441 **Analysis Time..:** 17:00
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	97	(18 - 190)			CFR136A 624
	97	(18 - 190)	0.67	(0-30)	CFR136A 624
Methylene chloride	88	(10 - 221)			CFR136A 624
	87	(10 - 221)	1.1	(0-30)	CFR136A 624
Tetrachloroethene	110	(64 - 148)			CFR136A 624
	105	(64 - 148)	4.6	(0-30)	CFR136A 624
Toluene	101	(47 - 150)			CFR136A 624
	100	(47 - 150)	1.1	(0-30)	CFR136A 624
Trichloroethene	99	(71 - 157)			CFR136A 624
	99	(71 - 157)	0.28	(0-30)	CFR136A 624
Benzene	100	(37 - 151)			CFR136A 624
	99	(37 - 151)	0.66	(0-30)	CFR136A 624
Bromodichloromethane	95	(35 - 155)			CFR136A 624
	93	(35 - 155)	1.7	(0-30)	CFR136A 624
Bromoform	64	(45 - 169)			CFR136A 624
	62	(45 - 169)	4.0	(0-30)	CFR136A 624
Bromomethane	96	(10 - 242)			CFR136A 624
	95	(10 - 242)	1.7	(0-30)	CFR136A 624
Carbon tetrachloride	96	(70 - 140)			CFR136A 624
	92	(70 - 140)	4.8	(0-30)	CFR136A 624
Chlorobenzene	99	(37 - 160)			CFR136A 624
	97	(37 - 160)	2.0	(0-30)	CFR136A 624
Chloroethane	90	(14 - 230)			CFR136A 624
	86	(14 - 230)	4.6	(0-30)	CFR136A 624
2-Chloroethyl vinyl ether	88	(10 - 305)			CFR136A 624
	90	(10 - 305)	3.3	(0-30)	CFR136A 624
Chloroform	95	(51 - 138)			CFR136A 624
	97	(51 - 138)	2.8	(0-30)	CFR136A 624
Chloromethane	100	(10 - 273)			CFR136A 624
	99	(10 - 273)	1.1	(0-30)	CFR136A 624
Dibromochloromethane	87	(53 - 149)			CFR136A 624
	85	(53 - 149)	2.5	(0-30)	CFR136A 624
1,3-Dichlorobenzene	97	(59 - 156)			CFR136A 624
	100	(59 - 156)	3.2	(0-30)	CFR136A 624
1,4-Dichlorobenzene	98	(18 - 190)			CFR136A 624
	99	(18 - 190)	0.61	(0-30)	CFR136A 624
1,1-Dichloroethane	97	(59 - 155)			CFR136A 624
	94	(59 - 155)	2.2	(0-30)	CFR136A 624
1,2-Dichloroethane	99	(49 - 155)			CFR136A 624
	101	(49 - 155)	1.3	(0-30)	CFR136A 624

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9H260308 **Work Order #...:** LJ8CR1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A9I020000-441 LJ8CR1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**92**	**(10 - 234)**			**CFR136A 624**
	91	**(10 - 234)**	**1.4**	**(0-30)**	**CFR136A 624**
trans-1,2-Dichloroethene	**82**	**(54 - 156)**			**CFR136A 624**
	83	**(54 - 156)**	**0.28**	**(0-30)**	**CFR136A 624**
1,2-Dichloropropane	**97**	**(10 - 210)**			**CFR136A 624**
	95	**(10 - 210)**	**1.5**	**(0-30)**	**CFR136A 624**
cis-1,3-Dichloropropene	**88**	**(10 - 227)**			**CFR136A 624**
	87	**(10 - 227)**	**0.95**	**(0-30)**	**CFR136A 624**
trans-1,3-Dichloropropene	**89**	**(17 - 183)**			**CFR136A 624**
	87	**(17 - 183)**	**2.1**	**(0-30)**	**CFR136A 624**
Ethylbenzene	**101**	**(37 - 162)**			**CFR136A 624**
	100	**(37 - 162)**	**1.0**	**(0-30)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**90**	**(46 - 157)**			**CFR136A 624**
	94	**(46 - 157)**	**3.9**	**(0-30)**	**CFR136A 624**
1,1,1-Trichloroethane	**109**	**(52 - 162)**			**CFR136A 624**
	108	**(52 - 162)**	**1.6**	**(0-30)**	**CFR136A 624**
1,1,2-Trichloroethane	**96**	**(52 - 150)**			**CFR136A 624**
	96	**(52 - 150)**	**0.44**	**(0-30)**	**CFR136A 624**
Trichlorofluoromethane	**114**	**(17 - 181)**			**CFR136A 624**
	106	**(17 - 181)**	**7.7**	**(0-30)**	**CFR136A 624**
Vinyl chloride	**106**	**(10 - 251)**			**CFR136A 624**
	99	**(10 - 251)**	**6.4**	**(0-30)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(80 - 125)
	99	(80 - 125)
Toluene-d8	104	(84 - 110)
	103	(84 - 110)
Bromofluorobenzene	96	(81 - 112)
	97	(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

Client Lot #...: C9H260308 **Work Order #...:** LJWWF1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: C9H270262-001 LJWWF1AG-MSD
Date Sampled...: 08/26/09 **Date Received..:** 08/27/09 **MS Run #.....:** 9245253
Prep Date.....: 09/02/09 **Analysis Date..:** 09/02/09
Prep Batch #...: 9245441 **Analysis Time..:** 03:59
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	96	(90 - 115)			CFR136A 624
	99	(90 - 115)	3.0	(0-30)	CFR136A 624
Methylene chloride	87	(78 - 131)			CFR136A 624
	97	(78 - 131)	11	(0-30)	CFR136A 624
Tetrachloroethene	107	(81 - 112)			CFR136A 624
	112	(81 - 112)	5.0	(0-30)	CFR136A 624
Toluene	102	(87 - 112)			CFR136A 624
	107	(87 - 112)	4.8	(0-30)	CFR136A 624
Trichloroethene	100	(85 - 114)			CFR136A 624
	107	(85 - 114)	7.2	(0-30)	CFR136A 624
Benzene	101	(90 - 114)			CFR136A 624
	109	(90 - 114)	7.5	(0-30)	CFR136A 624
Bromodichloromethane	84	(78 - 123)			CFR136A 624
	92	(78 - 123)	9.5	(0-30)	CFR136A 624
Bromoform	53	(40 - 141)			CFR136A 624
	59	(40 - 141)	9.1	(0-30)	CFR136A 624
Bromomethane	90	(42 - 160)			CFR136A 624
	96	(42 - 160)	6.3	(0-30)	CFR136A 624
Carbon tetrachloride	76	(61 - 129)			CFR136A 624
	81	(61 - 129)	5.9	(0-30)	CFR136A 624
Chlorobenzene	100	(90 - 113)			CFR136A 624
	106	(90 - 113)	5.7	(0-30)	CFR136A 624
Chloroethane	86	(56 - 133)			CFR136A 624
	92	(56 - 133)	7.0	(0-30)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)			CFR136A 624
	0.0 a	(10 - 185)	0.0	(0-30)	CFR136A 624
Chloroform	97	(90 - 118)			CFR136A 624
	106	(90 - 118)	8.8	(0-30)	CFR136A 624
Chloromethane	100	(37 - 127)			CFR136A 624
	102	(37 - 127)	1.9	(0-30)	CFR136A 624
Dibromochloromethane	71	(65 - 123)			CFR136A 624
	82	(65 - 123)	14	(0-30)	CFR136A 624
1,3-Dichlorobenzene	95	(90 - 111)			CFR136A 624
	100	(90 - 111)	4.4	(0-30)	CFR136A 624
1,4-Dichlorobenzene	95	(90 - 112)			CFR136A 624
	100	(90 - 112)	4.7	(0-30)	CFR136A 624
1,1-Dichloroethane	96	(90 - 114)			CFR136A 624
	102	(90 - 114)	6.5	(0-30)	CFR136A 624
1,2-Dichloroethane	100	(90 - 123)			CFR136A 624
	109	(90 - 123)	8.8	(0-30)	CFR136A 624

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9H260308 **Work Order #...:** LJWWF1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: C9H270262-001 LJWWF1AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**92**	**(83 - 129)**			**CFR136A 624**
	95	**(83 - 129)**	**3.4**	**(0-30)**	**CFR136A 624**
trans-1,2-Dichloroethene	**86**	**(85 - 116)**			**CFR136A 624**
	90	**(85 - 116)**	**4.7**	**(0-30)**	**CFR136A 624**
1,2-Dichloropropane	**93**	**(87 - 119)**			**CFR136A 624**
	105	**(87 - 119)**	**12**	**(0-30)**	**CFR136A 624**
cis-1,3-Dichloropropene	**72 a**	**(77 - 115)**			**CFR136A 624**
	83	**(77 - 115)**	**13**	**(0-30)**	**CFR136A 624**
trans-1,3-Dichloropropene	**75**	**(71 - 114)**			**CFR136A 624**
	84	**(71 - 114)**	**11**	**(0-30)**	**CFR136A 624**
Ethylbenzene	**102**	**(88 - 111)**			**CFR136A 624**
	107	**(88 - 111)**	**4.8**	**(0-30)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**96**	**(77 - 133)**			**CFR136A 624**
	100	**(77 - 133)**	**4.1**	**(0-30)**	**CFR136A 624**
1,1,1-Trichloroethane	**100**	**(82 - 119)**			**CFR136A 624**
	106	**(82 - 119)**	**5.4**	**(0-30)**	**CFR136A 624**
1,1,2-Trichloroethane	**99**	**(89 - 123)**			**CFR136A 624**
	106	**(89 - 123)**	**6.7**	**(0-30)**	**CFR136A 624**
Trichlorofluoromethane	**111 a**	**(62 - 110)**			**CFR136A 624**
	106	**(62 - 110)**	**4.8**	**(0-30)**	**CFR136A 624**
Vinyl chloride	**102**	**(50 - 119)**			**CFR136A 624**
	103	**(50 - 119)**	**0.93**	**(0-30)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(80 - 125)
	105	(80 - 125)
Toluene-d8	104	(84 - 110)
	105	(84 - 110)
Bromofluorobenzene	94	(81 - 112)
	96	(81 - 112)

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.

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Client Sample ID: EFF0809

TOTAL Metals

Lot-Sample #...: C9H260308-001 **Matrix.....:** WATER
Date Sampled...: 08/25/09 **Date Received..:** 08/26/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9239433						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	08/27-08/28/09	LJTXL1AA
		Dilution Factor: 1		Analysis Time..: 16:32	MS Run #.....: 9239324	
		MDL.....: 0.15				
Chromium	ND	5.0	ug/L	MCAWW 200.7	08/27-08/28/09	LJTXL1AC
		Dilution Factor: 1		Analysis Time..: 16:32	MS Run #.....: 9239324	
		MDL.....: 0.51				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9H260308 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C9H270000-433 **Prep Batch #...:** 9239433						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	08/27-08/28/09	LJXCN1AJ
		Dilution Factor: 1				
		Analysis Time..: 15:48				
Chromium	ND	5.0	ug/L	MCAWW 200.7	08/27-08/28/09	LJXCN1AD
		Dilution Factor: 1				
		Analysis Time..: 15:48				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9H260308 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C9H270000-433 **Prep Batch #...:** 9239433					
Chromium	99	(85 - 115)	MCAWW 200.7	08/27-08/28/09	LJXCN1AG
		Dilution Factor: 1	Analysis Time..: 15:53		
Cadmium	99	(85 - 115)	MCAWW 200.7	08/27-08/28/09	LJXCN1AL
		Dilution Factor: 1	Analysis Time..: 15:53		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9H260308 **Matrix.....:** WATER
Date Sampled...: 08/25/09 **Date Received..:** 08/26/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9H260246-001 **Prep Batch #...:** 9239433							
Cadmium	95	(70 - 130)			MCAWW 200.7	08/27-08/28/09	LJTA01AW
	96	(70 - 130)	0.37	(0-20)	MCAWW 200.7	08/27-08/28/09	LJTA01AX
		Dilution Factor: 1					
		Analysis Time..: 16:14					
		MS Run #.....: 9239324					
Chromium	95	(70 - 130)			MCAWW 200.7	08/27-08/28/09	LJTA01AP
	95	(70 - 130)	0.10	(0-20)	MCAWW 200.7	08/27-08/28/09	LJTA01AQ
		Dilution Factor: 1					
		Analysis Time..: 16:14					
		MS Run #.....: 9239324					

NOTE(S):

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

Leo Brausch Consulting

Client Sample ID: EFF0809

General Chemistry

Lot-Sample #...: C9H260308-001 **Work Order #...:** LJTXL **Matrix.....:** WATER
Date Sampled...: 08/25/09 **Date Received..:** 08/26/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**9.1**	--	--	**SM20 4500-H+B**	**08/27/09**	**9239208**
		Dilution Factor: 1		Analysis Time..: 13:54	MS Run #.....: 9239145	
		MDL.....: 0.0				
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	08/27/09	9239138
		Dilution Factor: 1		Analysis Time..: 13:45	MS Run #.....: 9239211	
		MDL.....: 2.0				

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C9H260308 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: LJVJM1AA		MB Lot-Sample #:	C9H270000-138	
	ND	4.0	mg/L	SM20 2540D	08/27/09	9239138
		Dilution Factor: 1				
		Analysis Time..: 13:45				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C9H260308 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: LJVVM1AA	LCS Lot-Sample#: C9H270000-208		
	100	(99 - 101)	SM20 4500-H+B	08/27/09	9239208
		Dilution Factor: 1	Analysis Time..: 13:30		
Total Suspended Solids		Work Order #: LJVJM1AC	LCS Lot-Sample#: C9H270000-138		
	96	(80 - 120)	SM20 2540D	08/27/09	9239138
		Dilution Factor: 1	Analysis Time..: 13:45		

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9H260308 **Work Order #...:** LJTXL-SMP **Matrix.....:** WATER
LJTXL-DUP
Date Sampled...: 08/25/09 **Date Received..:** 08/26/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C9H260308-001		
	ND	ND	mg/L	0.0	(0-20)	SM20 2540D	08/27/09	9239138

Dilution Factor: 1 Analysis Time..: 13:45 MS Run Number..: 9239211

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9H260308 **Work Order #...:** LJT4Q-SMP LJT4Q-DUP **Matrix.....:** WATER

Date Sampled...: 08/25/09 **Date Received..:** 08/26/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C9H260320-001		
	8.1	8.1	--	0.25	(0-2.0)	SM20 4500-H+B	08/27/09	9239208

Dilution Factor: 1 Analysis Time..: 13:48 MS Run Number..: 9239145