CBS Corporation

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

November 5, 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 pursuant to the Order. This report covers activities over the period of October 1 through October 31, 2009 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

A. On October 9, 2009, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the September 2009 operating period. That status report also transmitted the discharge monitoring data for September 2009.

B. The recovery and treatment system operated throughout the October 2009 reporting period.

C. Conestoga-Rovers & Associates (CRA) conducted routine and non-routine O&M, and TestAmerica Laboratories, Inc. provided analytical laboratory services, as required.

2. Sampling Results and Other Site Data

A. In October 2009, the groundwater system recovered and treated an estimated 126,000 gallons.[1]

B. Attachment A provides the discharge monitoring report for October 2009 based on the effluent sample collected on October 16, 2009, 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. 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. 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 October 2009 reporting period, the effluent complied with all discharge limitations except for pH. The effluent pH observed on October 4, 2009 was 6.32, which is below the effluent limitation of 6.5. The geometric mean of all pH readings during October 2009 was 6.95.

3. Upcoming Activities

A. CBS will continue required O&M activities.

B. With NYSDEC approval, CBS will complete the Phase 1 closure of the 002 system by filling and sealing manholes MH-002-09 and MH-002-10.

[1] Based on additional information and recalculation, the estimated total discharge for September 2009 has been revised to 92,000 gallons from the 102,000 gallons as indicated in the September 2009 monthly status report.

C. After closing MH-002-09, and MH-002-10, CRA will conduct additional water level measurements, surface water monitoring, and groundwater 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 system and limitation of inflows to those associated with Sump 003.

B. The post-closure monitoring data indicate that the Phase 1 closure of the 001 groundwater collection system has effectively addressed the previously observed high water levels at Sump 001, which had led to periodic overtopping of that manhole. The ongoing periodic 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 VOCs compounds via storm sewers installed by the Niagara Frontier Transportation Authority as part of airport development.

* * * *

Please contact me if you have questions regarding this status report.

Very truly yours,

Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

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

ATTACHMENT A

DISCHARGE MONITORING REPORT
OCTOBER 2009

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

Reporting Month & Year **Oct-09**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**7,076**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**6.32**	**7.20**	**s.u.**		**10**	**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**	**< 0.00006**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00006**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00006**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00006**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00006**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00006**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**< 0.15**	**ug/L**	**< 0.000009**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**< 5.0**	**ug/L**	**< 0.0003**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

ANALYTICAL LABORATORY REPORT
OCTOBER 2009 EFFLUENT SAMPLING

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C9J190119

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

October 27, 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 # C9J190119

Sample Receiving:
TestAmerica's Pittsburgh laboratory received one sample on October 19, 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 blank 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.

C9J190119

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES

SHIPPED TO (Laboratory Name): Test America Pittsburgh

REFERENCE NUMBER: 18036 Buffalo Airport Monthly CBS

SAMPLER'S SIGNATURE: [signature] PRINTED NAME: Lynch

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: VOCs (HCl)	Metals (HNO3)	pH / TSS	REMARKS
	10/16/09	1000	EFF-1009	Water	5	3	1	1	
			Temp blank		1				
TOTAL NUMBER OF CONTAINERS					6				HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY: ① [signature]	DATE: 10/16/09 TIME: 1100 *	RECEIVED BY: ①	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: WAY BILL No.

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

SAMPLE TEAM: Lynch Boller

RECEIVED FOR LABORATORY BY: [signature] DATE: 10-19-09 TIME: 0845

Nº CRA 23002

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

* Cooler Sealed for shipment

METHODS SUMMARY

C9J190119

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

C9J190119

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LMTXJ	001	EFF-1009	10/16/09	10:00

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: EFF-1009

GC/MS Volatiles

Lot-Sample #...: C9J190119-001 **Work Order #...:** LMTXJ1AD **Matrix.....:** WATER
Date Sampled...: 10/16/09 **Date Received..:** 10/19/09 **MS Run #.....:** 9294326
Prep Date.....: 10/21/09 **Analysis Date..:** 10/21/09
Prep Batch #...: 9294570 **Analysis Time..:** 15:53
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	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	95	(80 - 125)
Toluene-d8	100	(84 - 110)
Bromofluorobenzene	94	(81 - 112)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9J190119 **Work Order #...:** LM2HK1AA **Matrix.....:** WATER
MB Lot-Sample #: A9J210000-570

Prep Date.....: 10/20/09 **Analysis Time..:** 19:09
Analysis Date..: 10/20/09 **Prep Batch #...:** 9294570
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methylene chloride	**0.70 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	90	(80 - 125)
Toluene-d8	105	(84 - 110)
Bromofluorobenzene	91	(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 #...: C9J190119 **Work Order #...:** LM2HK1AC **Matrix.....:** WATER
LCS Lot-Sample#: A9J210000-570
Prep Date.....: 10/20/09 **Analysis Date..:** 10/20/09
Prep Batch #...: 9294570 **Analysis Time..:** 18:44
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	99	(18 - 190)	CFR136A 624
Methylene chloride	104	(10 - 221)	CFR136A 624
Tetrachloroethene	116	(64 - 148)	CFR136A 624
Toluene	107	(47 - 150)	CFR136A 624
Trichloroethene	114	(71 - 157)	CFR136A 624
Benzene	104	(37 - 151)	CFR136A 624
Bromodichloromethane	96	(35 - 155)	CFR136A 624
Bromoform	69	(45 - 169)	CFR136A 624
Bromomethane	94	(10 - 242)	CFR136A 624
Carbon tetrachloride	88	(70 - 140)	CFR136A 624
Chlorobenzene	111	(37 - 160)	CFR136A 624
Chloroethane	90	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	93	(10 - 305)	CFR136A 624
Chloroform	104	(51 - 138)	CFR136A 624
Chloromethane	142	(10 - 273)	CFR136A 624
Dibromochloromethane	87	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	101	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	101	(18 - 190)	CFR136A 624
1,1-Dichloroethane	98	(59 - 155)	CFR136A 624
1,2-Dichloroethane	104	(49 - 155)	CFR136A 624
1,1-Dichloroethene	101	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	86	(54 - 156)	CFR136A 624
1,2-Dichloropropane	96	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	87	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	89	(17 - 183)	CFR136A 624
Ethylbenzene	109	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	87	(46 - 157)	CFR136A 624
1,1,1-Trichloroethane	94	(52 - 162)	CFR136A 624
1,1,2-Trichloroethane	107	(52 - 150)	CFR136A 624
Trichlorofluoromethane	123	(17 - 181)	CFR136A 624
Vinyl chloride	112	(10 - 251)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9J190119 **Work Order #...:** LM2HK1AC **Matrix.....:** WATER
LCS Lot-Sample#: A9J210000-570

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(80 - 125)
Toluene-d8	106	(84 - 110)
Bromofluorobenzene	102	(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 #...: C9J190119 **Work Order #...:** LMT7P1AC **Matrix.....:** WATER
MS Lot-Sample #: A9J190146-002
Date Sampled...: 10/19/09 **Date Received..:** 10/19/09
Prep Date.....: 10/21/09 **Analysis Date..:** 10/21/09
Prep Batch #...: 9294570 **MS Run #.....:** 9294326
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	**96**	**(90 - 115)**	**CFR136A 624**
Methylene chloride	**99**	**(78 - 131)**	**CFR136A 624**
Tetrachloroethene	**107**	**(81 - 112)**	**CFR136A 624**
Toluene	**104**	**(87 - 112)**	**CFR136A 624**
Trichloroethene	**105**	**(85 - 114)**	**CFR136A 624**
Benzene	**102**	**(90 - 114)**	**CFR136A 624**
Bromodichloromethane	**86**	**(78 - 123)**	**CFR136A 624**
Bromoform	**58**	**(40 - 141)**	**CFR136A 624**
Bromomethane	**93**	**(42 - 160)**	**CFR136A 624**
Carbon tetrachloride	**85**	**(61 - 129)**	**CFR136A 624**
Chlorobenzene	**109**	**(90 - 113)**	**CFR136A 624**
Chloroethane	**91**	**(56 - 133)**	**CFR136A 624**
2-Chloroethyl vinyl ether	**0.0 a**	**(10 - 185)**	**CFR136A 624**
Chloroform	**108**	**(90 - 118)**	**CFR136A 624**
Chloromethane	**139 a**	**(37 - 127)**	**CFR136A 624**
Dibromochloromethane	**78**	**(65 - 123)**	**CFR136A 624**
1,3-Dichlorobenzene	**95**	**(90 - 111)**	**CFR136A 624**
1,4-Dichlorobenzene	**91**	**(90 - 112)**	**CFR136A 624**
1,1-Dichloroethane	**94**	**(90 - 114)**	**CFR136A 624**
1,2-Dichloroethane	**99**	**(90 - 123)**	**CFR136A 624**
1,1-Dichloroethene	**95**	**(83 - 129)**	**CFR136A 624**
trans-1,2-Dichloroethene	**82 a**	**(85 - 116)**	**CFR136A 624**
1,2-Dichloropropane	**95**	**(87 - 119)**	**CFR136A 624**
cis-1,3-Dichloropropene	**74 a**	**(77 - 115)**	**CFR136A 624**
trans-1,3-Dichloropropene	**72**	**(71 - 114)**	**CFR136A 624**
Ethylbenzene	**104**	**(88 - 111)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**89**	**(77 - 133)**	**CFR136A 624**
1,1,1-Trichloroethane	**89**	**(82 - 119)**	**CFR136A 624**
1,1,2-Trichloroethane	**103**	**(89 - 123)**	**CFR136A 624**
Trichlorofluoromethane	**109**	**(62 - 110)**	**CFR136A 624**
Vinyl chloride	**104**	**(50 - 119)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(80 - 125)
Toluene-d8	102	(84 - 110)
Bromofluorobenzene	101	(81 - 112)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C9J190119 **Work Order #...:** LMT7P1AC **Matrix.....:** WATER
MS Lot-Sample #: A9J190146-002

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Leo Brausch Consulting

Client Sample ID: EFF-1009

TOTAL Metals

Lot-Sample #...: C9J190119-001 **Matrix.....:** WATER
Date Sampled...: 10/16/09 **Date Received..:** 10/19/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9295292						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	10/22-10/23/09	LMTXJ1AA
		Dilution Factor: 1		Analysis Time..: 20:20	MS Run #.....: 9295147	
		MDL.....: 0.15				
Chromium	ND	5.0	ug/L	MCAWW 200.7	10/22-10/23/09	LMTXJ1AC
		Dilution Factor: 1		Analysis Time..: 20:20	MS Run #.....: 9295147	
		MDL.....: 0.51				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9J190119 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C9J220000-292 **Prep Batch #...:** 9295292						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	10/22-10/23/09	LM3NR1AJ
		Dilution Factor: 1				
		Analysis Time..: 19:14				
Chromium	ND	5.0	ug/L	MCAWW 200.7	10/22-10/23/09	LM3NR1AK
		Dilution Factor: 1				
		Analysis Time..: 19:14				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9J190119 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C9J220000-292 **Prep Batch #...:** 9295292					
Cadmium	99	(85 - 115)	MCAWW 200.7	10/22-10/23/09	LM3NR1AN
		Dilution Factor: 1	Analysis Time..: 19:19		
Chromium	98	(85 - 115)	MCAWW 200.7	10/22-10/23/09	LM3NR1AP
		Dilution Factor: 1	Analysis Time..: 19:19		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9J190119 **Matrix.....:** WATER
Date Sampled...: 10/19/09 **Date Received..:** 10/19/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9J190130-001 **Prep Batch #...:** 9295292							
Cadmium	97	(70 - 130)			MCAWW 200.7	10/22-10/23/09	LMT2T1AW
	99	(70 - 130)	1.8	(0-20)	MCAWW 200.7	10/22-10/23/09	LMT2T1AX
		Dilution Factor: 1					
		Analysis Time..: 19:41					
		MS Run #.....: 9295147					
Chromium	96	(70 - 130)			MCAWW 200.7	10/22-10/23/09	LMT2T1A1
	97	(70 - 130)	0.85	(0-20)	MCAWW 200.7	10/22-10/23/09	LMT2T1A2
		Dilution Factor: 1					
		Analysis Time..: 19:41					
		MS Run #.....: 9295147					

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9J190119 **Matrix.....:** WATER
Date Sampled...: 10/20/09 **Date Received..:** 10/21/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9J210210-001 **Prep Batch #...:** 9295292							
Chromium	95	(70 - 130)			MCAWW 200.7	10/22-10/23/09	LM08A1AT
	99	(70 - 130)	3.7	(0-20)	MCAWW 200.7	10/22-10/23/09	LM08A1AU

Dilution Factor: 1
Analysis Time..: 19:58
MS Run #.....: 9295147

NOTE(S):

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

Leo Brausch Consulting

Client Sample ID: EFF-1009

General Chemistry

Lot-Sample #...: C9J190119-001 **Work Order #...:** LMTXJ **Matrix.....:** WATER
Date Sampled...: 10/16/09 **Date Received..:** 10/19/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**6.9**	--	--	**SM20 4500-H+B**	**10/20/09**	**9293345**
		Dilution Factor: 1		Analysis Time..: 15:17	MS Run #.....: 9293202	
		MDL.....: 0.0				
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	10/21-10/22/09	9294182
		Dilution Factor: 1		Analysis Time..: 06:50	MS Run #.....: 9294108	
		MDL.....: 2.0				

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C9J190119 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: LM0F01AA		MB Lot-Sample #:	C9J210000-182	
	ND	4.0	mg/L	SM20 2540D	10/21-10/22/09	9294182
		Dilution Factor: 1				
		Analysis Time..: 06:50				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C9J190119 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: LMW651AA	LCS Lot-Sample#: C9J200000-345		
	100	(99 - 101)	SM20 4500-H+B	10/20/09	9293345
		Dilution Factor: 1	Analysis Time..: 15:15		
Total Suspended Solids		Work Order #: LM0F01AC	LCS Lot-Sample#: C9J210000-182		
	111	(80 - 120)	SM20 2540D	10/21-10/22/09	9294182
		Dilution Factor: 1	Analysis Time..: 06:50		

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9J190119 **Work Order #...:** LMT68-SMP LMT68-DUP **Matrix.....:** WATER

Date Sampled...: 10/15/09 **Date Received..:** 10/19/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C9J190145-001		
	8.3	8.3	--	0.36	(0-2.0)	SM20 4500-H+B	10/20/09	9293345

Dilution Factor: 1 Analysis Time..: 15:20 MS Run Number..: 9293202

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9J190119 **Work Order #...:** LMTXJ-SMP LMTXJ-DUP **Matrix.....:** WATER

Date Sampled...: 10/16/09 **Date Received..:** 10/19/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C9J190119-001		
	ND	ND	mg/L	0	(0-20)	SM20 2540D	10/21-10/22/09	9294182

Dilution Factor: 1 Analysis Time..: 06:50 MS Run Number..: 9294108