CBS Corporation

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

February 13, 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 January 1 through January 31, 2009 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

A. On January 16, 2009, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the December 2008 operating period. That status report also transmitted the discharge monitoring data for December 2008.

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

C. On behalf of the Respondents, CBS compiled the results of water quality sampling and flow measurement at four locations associated with the Niagara Frontier Transportation Authority (NFTA) storm sewer system.[1]

2. Sampling Results and Other Site Data

A. In January 2009, the groundwater system recovered an estimated 210,000 gallons.

B. Attachment A provides the discharge monitoring report for January 2009 based on the effluent sample collected on January 13, 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 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 January 2009 reporting period, the effluent complied with all discharge limitations.

3. Upcoming Activities

A. CBS will continue required O&M activities.

B. Upon NYSDEC authorization to proceed, CBS will implement the Revised Work Plan (Rev. 1, November 7, 2008) for shutdown of those portions of the groundwater collection system that drain to Sumps 001 and 002.

[1] This information was transmitted to NYSDEC via letter dated February 2, 2009.

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.

B. As previously observed by and described to NYSDEC, the water levels in Sumps 001 and 002 have risen to the point where the water overtops these manholes during period of high precipitation. This situation will be remedied through closure of these portions of the groundwater collection system.

* * * *

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

ATTACHMENT A

DISCHARGE MONITORING REPORT
JANUARY 2009

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

Reporting Month & Year **Jan-09**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**10,382**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**6.77**	**7.25**	**s.u.**		**7**	**Grab**
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		**< 4.0**	**mg/L**	**< 0.39**	**1**	**Grab**
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00009**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00009**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00009**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**1.2**	**ug/L**	**0.00010**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00009**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00009**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**< 0.22**	**ug/L**	**< 0.000019**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**5.0**	**ug/L**	**0.00043**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

ANALYTICAL LABORATORY REPORT
JANUARY 2009 EFFLUENT SAMPLING

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C9A140194

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

January 26, 2009

301 Alpha Drive Pittsburgh, PA 15238 **tel** 412.963.7058 **fax** 412.963.2468 **www.testamericainc.com**

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 Pttsburgh.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C9A140194

Sample Receiving:
TestAmerica's Pittsburgh laboratory received one sample on January 14, 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:
The TestAmerica's North Canton laboratory performed the 624 analysis.

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.

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
2055 Niagara Falls Blvd
Niagara Falls NY 14304

SHIPPED TO (Laboratory Name): Amer Test Pittsburg

REFERENCE NUMBER: 018036 Buffalo Airport site

SAMPLER'S SIGNATURE: ______ PRINTED NAME: ______

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	624 VOAs	PH/TSS	cdcr							REMARKS
	1/13/09	9:00	EFF 0109		5	3	1	1							

PARAMETERS

TOTAL NUMBER OF CONTAINERS: 5

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
① [signature]	DATE: 1-13-09 TIME: 900	①	DATE: TIME:
②	DATE: TIME:	②	DATE: TIME:
③	DATE: TIME:	③ [signature]	DATE: 1/14/9 TIME: 1030

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: ______

No CRA 01297

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

METHODS SUMMARY

C9A140194

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
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

C9A140194

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K5RWE	001	EFF0109	01/13/09	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: EFF0109

GC/MS Volatiles

Lot-Sample #...: C9A140194-001 **Work Order #...:** K5RWE1AD **Matrix.....:** WATER
Date Sampled...: 01/13/09 **Date Received..:** 01/14/09 **MS Run #.....:** 9021210
Prep Date.....: 01/21/09 **Analysis Date..:** 01/21/09
Prep Batch #...: 9021429 **Analysis Time..:** 02:13
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	**1.2**	**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	102	(84 - 110)
Bromofluorobenzene	101	(81 - 112)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9A140194 **Work Order #...:** K535D1AA **Matrix.....:** WATER
MB Lot-Sample #: A9A210000-429

Prep Date.....: 01/20/09 **Analysis Time..:** 17:19
Analysis Date..: 01/20/09 **Prep Batch #...:** 9021429
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
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
Trichloroethene	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	96	(80 - 125)
Toluene-d8	100	(84 - 110)
Bromofluorobenzene	103	(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 #...: C9A140194 **Work Order #...:** K535D1AC **Matrix.....:** WATER
LCS Lot-Sample#: A9A210000-429
Prep Date.....: 01/20/09 **Analysis Date..:** 01/20/09
Prep Batch #...: 9021429 **Analysis Time..:** 16:57
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	83	(18 - 190)	CFR136A 624
Methylene chloride	76	(10 - 221)	CFR136A 624
Tetrachloroethene	91	(64 - 148)	CFR136A 624
Toluene	89	(47 - 150)	CFR136A 624
Trichloroethene	88	(71 - 157)	CFR136A 624
Benzene	90	(37 - 151)	CFR136A 624
Bromodichloromethane	96	(35 - 155)	CFR136A 624
Bromoform	77	(45 - 169)	CFR136A 624
Bromomethane	73	(10 - 242)	CFR136A 624
Carbon tetrachloride	84	(70 - 140)	CFR136A 624
Chlorobenzene	86	(37 - 160)	CFR136A 624
Chloroethane	74	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	102	(10 - 305)	CFR136A 624
Chloroform	90	(51 - 138)	CFR136A 624
Chloromethane	82	(10 - 273)	CFR136A 624
Dibromochloromethane	89	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	86	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	83	(18 - 190)	CFR136A 624
1,1-Dichloroethane	95	(59 - 155)	CFR136A 624
1,2-Dichloroethane	94	(49 - 155)	CFR136A 624
1,1-Dichloroethene	80	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	89	(54 - 156)	CFR136A 624
1,2-Dichloropropane	96	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	89	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	79	(17 - 183)	CFR136A 624
Ethylbenzene	90	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	91	(46 - 157)	CFR136A 624
1,1,1-Trichloroethane	90	(52 - 162)	CFR136A 624
1,1,2-Trichloroethane	87	(52 - 150)	CFR136A 624
Trichlorofluoromethane	86	(17 - 181)	CFR136A 624
Vinyl chloride	79	(10 - 251)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9A140194 **Work Order #...:** K535D1AC **Matrix.....:** WATER
LCS Lot-Sample#: A9A210000-429

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(80 - 125)
Toluene-d8	105	(84 - 110)
Bromofluorobenzene	109	(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 #...: C9A140194 **Work Order #...:** K5VJG1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: A9A150216-001 K5VJG1AE-MSD
Date Sampled...: 01/14/09 **Date Received..:** 01/15/09 **MS Run #.....:** 9021210
Prep Date.....: 01/21/09 **Analysis Date..:** 01/21/09
Prep Batch #...: 9021429 **Analysis Time..:** 00:35
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	83 a	(90 - 115)			CFR136A 624
	79 a,p	(90 - 115)	5.7	(0-0.0)	CFR136A 624
Methylene chloride	78	(78 - 131)			CFR136A 624
	71 a,p	(78 - 131)	8.6	(0-0.0)	CFR136A 624
Tetrachloroethene	94	(81 - 112)			CFR136A 624
	87 p	(81 - 112)	7.5	(0-0.0)	CFR136A 624
Toluene	95	(87 - 112)			CFR136A 624
	85 a,p	(87 - 112)	11	(0-0.0)	CFR136A 624
Trichloroethene	91	(85 - 114)			CFR136A 624
	87 p	(85 - 114)	4.2	(0-0.0)	CFR136A 624
Benzene	94	(90 - 114)			CFR136A 624
	86 a,p	(90 - 114)	8.3	(0-0.0)	CFR136A 624
Bromodichloromethane	92	(78 - 123)			CFR136A 624
	88 p	(78 - 123)	5.4	(0-0.0)	CFR136A 624
Bromoform	71	(40 - 141)			CFR136A 624
	67 p	(40 - 141)	6.7	(0-0.0)	CFR136A 624
Bromomethane	74	(42 - 160)			CFR136A 624
	69 p	(42 - 160)	6.6	(0-0.0)	CFR136A 624
Carbon tetrachloride	69	(61 - 129)			CFR136A 624
	72 p	(61 - 129)	4.2	(0-0.0)	CFR136A 624
Chlorobenzene	92	(90 - 113)			CFR136A 624
	83 a,p	(90 - 113)	11	(0-0.0)	CFR136A 624
Chloroethane	74	(56 - 133)			CFR136A 624
	70 p	(56 - 133)	5.3	(0-0.0)	CFR136A 624
2-Chloroethyl vinyl ether	104	(10 - 185)			CFR136A 624
	99 p	(10 - 185)	4.5	(0-0.0)	CFR136A 624
Chloroform	92	(90 - 118)			CFR136A 624
	82 a,p	(90 - 118)	12	(0-0.0)	CFR136A 624
Chloromethane	80	(37 - 127)			CFR136A 624
	72 p	(37 - 127)	11	(0-0.0)	CFR136A 624
Dibromochloromethane	83	(65 - 123)			CFR136A 624
	77 p	(65 - 123)	7.5	(0-0.0)	CFR136A 624
1,3-Dichlorobenzene	87 a	(90 - 111)			CFR136A 624
	83 a,p	(90 - 111)	5.1	(0-0.0)	CFR136A 624
1,4-Dichlorobenzene	86 a	(90 - 112)			CFR136A 624
	79 a,p	(90 - 112)	7.8	(0-0.0)	CFR136A 624
1,1-Dichloroethane	100	(90 - 114)			CFR136A 624
	88 a,p	(90 - 114)	12	(0-0.0)	CFR136A 624
1,2-Dichloroethane	100	(90 - 123)			CFR136A 624
	89 a,p	(90 - 123)	12	(0-0.0)	CFR136A 624

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9A140194 **Work Order #...:** K5VJG1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: A9A150216-001 K5VJG1AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**74 a**	**(83 - 129)**			**CFR136A 624**
	78 a,p	**(83 - 129)**	**5.3**	**(0-0.0)**	**CFR136A 624**
trans-1,2-Dichloroethene	**89**	**(85 - 116)**			**CFR136A 624**
	83 a,p	**(85 - 116)**	**7.4**	**(0-0.0)**	**CFR136A 624**
1,2-Dichloropropane	**96**	**(87 - 119)**			**CFR136A 624**
	88 p	**(87 - 119)**	**8.9**	**(0-0.0)**	**CFR136A 624**
cis-1,3-Dichloropropene	**88**	**(77 - 115)**			**CFR136A 624**
	79 p	**(77 - 115)**	**11**	**(0-0.0)**	**CFR136A 624**
trans-1,3-Dichloropropene	**81**	**(71 - 114)**			**CFR136A 624**
	74 p	**(71 - 114)**	**8.5**	**(0-0.0)**	**CFR136A 624**
Ethylbenzene	**95**	**(88 - 111)**			**CFR136A 624**
	86 a,p	**(88 - 111)**	**10**	**(0-0.0)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**93**	**(77 - 133)**			**CFR136A 624**
	90 p	**(77 - 133)**	**4.0**	**(0-0.0)**	**CFR136A 624**
1,1,1-Trichloroethane	**87**	**(82 - 119)**			**CFR136A 624**
	85 p	**(82 - 119)**	**1.7**	**(0-0.0)**	**CFR136A 624**
1,1,2-Trichloroethane	**95**	**(89 - 123)**			**CFR136A 624**
	83 a,p	**(89 - 123)**	**13**	**(0-0.0)**	**CFR136A 624**
Trichlorofluoromethane	**75**	**(62 - 110)**			**CFR136A 624**
	86 p	**(62 - 110)**	**13**	**(0-0.0)**	**CFR136A 624**
Vinyl chloride	**75**	**(50 - 119)**			**CFR136A 624**
	76 p	**(50 - 119)**	**1.6**	**(0-0.0)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(80 - 125)
	100	(80 - 125)
Toluene-d8	104	(84 - 110)
	104	(84 - 110)
Bromofluorobenzene	106	(81 - 112)
	107	(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.

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

Leo Brausch Consulting

Client Sample ID: EFF0109

TOTAL Metals

Lot-Sample #...: C9A140194-001 **Matrix.....:** WATER
Date Sampled...: 01/13/09 **Date Received..:** 01/14/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9015316						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	01/15-01/19/09	K5RWE1AA
		Dilution Factor: 1		Analysis Time..: 16:06	MS Run #.....: 9015206	
		MDL.....: 0.22				
Chromium	**5.0**	**5.0**	**ug/L**	**MCAWW 200.7**	**01/15-01/19/09**	**K5RWE1AC**
		Dilution Factor: 1		Analysis Time..: 16:06	MS Run #.....: 9015206	
		MDL.....: 0.57				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9A140194 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C9A150000-316 **Prep Batch #...:** 9015316						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	01/15-01/19/09	K5VRT1AK
		Dilution Factor: 1				
		Analysis Time..: 15:55				
Chromium	ND	5.0	ug/L	MCAWW 200.7	01/15-01/19/09	K5VRT1AA
		Dilution Factor: 1				
		Analysis Time..: 15:55				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9A140194 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C9A150000-316 **Prep Batch #...:** 9015316					
Chromium	102	(85 - 115)	MCAWW 200.7	01/15-01/19/09	K5VRT1AF
		Dilution Factor: 1		Analysis Time..: 16:00	
Cadmium	100	(85 - 115)	MCAWW 200.7	01/15-01/19/09	K5VRT1AL
		Dilution Factor: 1		Analysis Time..: 16:00	

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9A140194 **Matrix.....:** WATER
Date Sampled...: 01/15/09 **Date Received..:** 01/15/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9A150125-002 **Prep Batch #...:** 9015316							
Cadmium	96	(70 - 130)			MCAWW 200.7	01/15-01/19/09	K5TXJ1AX
	97	(70 - 130)	0.84	(0-20)	MCAWW 200.7	01/15-01/19/09	K5TXJ1A0
		Dilution Factor: 1					
		Analysis Time..: 16:36					
		MS Run #.....: 9015206					
Chromium	100	(70 - 130)			MCAWW 200.7	01/15-01/19/09	K5TXJ1AM
	100	(70 - 130)	0.42	(0-20)	MCAWW 200.7	01/15-01/19/09	K5TXJ1AN
		Dilution Factor: 1					
		Analysis Time..: 16:36					
		MS Run #.....: 9015206					

NOTE(S):

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

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Client Sample ID: EFF0109

General Chemistry

Lot-Sample #...: C9A140194-001 **Work Order #...:** K5RWE **Matrix.....:** WATER
Date Sampled...: 01/13/09 **Date Received..:** 01/14/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.0**	--	**No Units**	**SM20 4500-H+B**	**01/20/09**	**9020073**
	Dilution Factor: 1			Analysis Time..: 00:00	MS Run #.....: 9020036	
	MDL.....: --					
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	01/15-01/16/09	9015251
	Dilution Factor: 1			Analysis Time..: 00:00	MS Run #.....: 9015148	
	MDL.....: 2.0					

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C9A140194 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: K5VCN1AA		MB Lot-Sample #:	C9A150000-251	
	ND	4.0	mg/L	SM20 2540D	01/15-01/16/09	9015251
		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 #...: C9A140194 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: K51JP1AA LCS Lot-Sample#: C9A200000-073			
	100	(99 - 101)	SM20 4500-H+B	01/20/09	9020073
		Dilution Factor: 1	Analysis Time..: 00:00		
Total Suspended Solids		Work Order #: K5VCN1AC LCS Lot-Sample#: C9A150000-251			
	92	(80 - 120)	SM20 2540D	01/15-01/16/09	9015251
		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 #...: C9A140194 **Work Order #...:** K5RWE-SMP K5RWE-DUP **Matrix.....:** WATER

Date Sampled...: 01/13/09 **Date Received..:** 01/14/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C9A140194-001		
	ND	ND	mg/L	0	(0-20)	SM20 2540D	01/15-01/16/09	9015251
			Dilution Factor: 1			Analysis Time..: 00:00	MS Run Number..: 9015148	
pH						SD Lot-Sample #: C9A140194-001		
	7.0	7.0	No Units	0.14	(0-2.0)	SM20 4500-H+B	01/20/09	9020073
			Dilution Factor: 1			Analysis Time..: 00:00	MS Run Number..: 9020036	