



CBS Corporation

Environmental Remediation
11 Stanwix Street
Pittsburgh, PA 15222

February 7, 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 defined in the Order. This report covers activities during the period of January 1 through January 31, 2008 and transmits the discharge monitoring report for this period.

1. Site Activities and Status

- A. On January 15, 2008, CBS submitted to NYSDEC a monthly report on the status of both routine and non-routine O&M activities at the Site for the December 2007 operating period. That status report also transmitted the discharge monitoring data for December 2007.
- B. On January 18, 2007, a CBS representative met with NYSDEC to review the status and upcoming plans for partial termination of the groundwater recovery and treatment system.
- C. The recovery and treatment system operated throughout the January 2008 reporting period.

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

2. Sampling Results and Other Site Data

- A. In January 2008, the groundwater system recovered and treated an estimated 199,000 gallons.
- B. Attachment A provides the discharge monitoring report for January 2008 based on effluent sample collected on January 28, 2008. Attachment B provides the analytical laboratory report for the effluent sample collected on January 28, 2008.
- 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. 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 2008 reporting period, the effluent complied with all discharge limitations.

3. Upcoming Activities

- A. CBS will continue required O&M activities.
- B. CBS will continue to coordinate with the Niagara Frontier Transportation Authority regarding the partial termination of the groundwater recovery and treatment system.
- C. Based on the discussions with NYSDEC on January 18, 2008, CBS will prepare a revised plan for the partial termination of the groundwater recovery and treatment system.

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- D. CRA will collect additional hydraulic data for system evaluation in support of the revised plan for the partial termination of the groundwater recovery and treatment system.

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

ATTACHMENT A
DISCHARGE MONITORING REPORT
JANUARY 2008

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

Reporting Month & Year **Jan-08**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		12,886	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	6.51	7.65	s.u.		7	Grab
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		< 4.0	mg/L	< 0.47	1	Grab
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		< 1.0	ug/L	< 0.00011	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		< 1.0	ug/L	< 0.00011	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00011	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00011	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		< 1.0	ug/L	0.000112	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00011	1	Grab
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		< 0.43	ug/L	< 0.000046	1	Grab
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		1.8	ug/L	0.00019	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
LABORATORY ANALYSIS REPORT
JANUARY 2008 EFFLUENT SAMPLE

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C8A290207

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

February 6, 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.

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CASE NARRATIVE

Leo Brausch Consulting

Lot # C8A290207

Sample Receiving:

TestAmerica Pittsburgh received one sample on January 29, 2008. The cooler was received within the proper temperature range.

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

GC/MS Volatiles:

TestAmerica North Canton, OH performed the 624 analysis. The results are included in this report.

There were no problems associated with the analysis.

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.

The RPD between EFF0108 and it's duplicate was outside QC limits.

METHODS SUMMARY

C8A290207

<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

C8A290207

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
KF804	001	EFF0108	01/28/08	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: EFF0108

GC/MS Volatiles

Lot-Sample #...: C8A290207-001 Work Order #...: KF8041AD Matrix.....: WATER
Date Sampled...: 01/28/08 Date Received...: 01/29/08 MS Run #.....: 8032167
Prep Date.....: 02/01/08 Analysis Date...: 02/01/08
Prep Batch #...: 8032400 Analysis Time...: 21:15
Dilution Factor: 1
Method.....: CFR136A 624

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		
		<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
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

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
1,2-Dichloroethane-d4	96	(80 - 125)
Toluene-d8	99	(84 - 110)
Bromofluorobenzene	102	(81 - 112)

Leo Brausch Consulting

Client Sample ID: EFF0108

TOTAL Metals

Lot-Sample #...: C8A290207-001

Date Sampled...: 01/28/08

Date Received...: 01/29/08

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK</u>
		<u>LIMIT</u>	<u>UNITS</u>		<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Prep Batch #...: 8031501						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	01/31-02/03/08	KF8041AA
		Dilution Factor: 1		Analysis Time...: 19:01	MS Run #.....: 8031282	
		MDL.....: 0.43				
Chromium	1.8 B	5.0	ug/L	MCAWW 200.7	01/31-02/03/08	KF8041AC
		Dilution Factor: 1		Analysis Time...: 19:01	MS Run #.....: 8031282	
		MDL.....: 0.59				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFF0108

General Chemistry

Lot-Sample #...: C8A290207-001
Date Sampled...: 01/28/08

Work Order #...: KF804
Date Received...: 01/29/08

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	7.7	--	No Units	SM20 4500-H+B	01/30/08	8030097
			Dilution Factor: 1	Analysis Time...: 09:55	MS Run #.....: 8030061	
			MDL.....: --			
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	01/30/08	8030065
			Dilution Factor: 1	Analysis Time...: 00:00	MS Run #.....: 8030038	
			MDL.....: 4.0			

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C8A290207
 MB Lot-Sample #: A8B010000-400

Work Order #...: KGGKH1AA

Matrix.....: WATER

Analysis Date...: 02/01/08
 Dilution Factor: 1

Prep Date.....: 02/01/08
 Prep Batch #...: 8032400

Analysis Time...: 18:53

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	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

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

NOTE (S) :

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C8A290207

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MB Lot-Sample #: C8A310000-501 Prep Batch #... : 8031501						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	01/31-02/03/08	KGEGK1AF
		Dilution Factor: 1				
		Analysis Time...: 18:39				
Chromium	ND	5.0	ug/L	MCAWW 200.7	01/31-02/03/08	KGEGK1AG
		Dilution Factor: 1				
		Analysis Time...: 18:39				

NOTE(S) :

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C8A290207

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	01/30/08	8030065
		Work Order #: KF9TX1AA		MB Lot-Sample #: C8A300000-065		
		Dilution Factor: 1				
		Analysis Time..: 00:00				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C8A290207 Work Order #...: KGGKH1AC Matrix.....: WATER
 LCS Lot-Sample#: A8B010000-400
 Prep Date.....: 02/01/08 Analysis Date...: 02/01/08
 Prep Batch #...: 8032400 Analysis Time...: 19:17
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	91	(37 - 151)	CFR136A 624
Bromodichloromethane	91	(35 - 155)	CFR136A 624
Bromoform	82	(45 - 169)	CFR136A 624
Bromomethane	90	(10 - 242)	CFR136A 624
Carbon tetrachloride	93	(70 - 140)	CFR136A 624
Chlorobenzene	89	(37 - 160)	CFR136A 624
Chloroethane	93	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	100	(10 - 305)	CFR136A 624
Chloroform	89	(51 - 138)	CFR136A 624
Chloromethane	83	(10 - 273)	CFR136A 624
Dibromochloromethane	97	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	85	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	84	(18 - 190)	CFR136A 624
1,1-Dichloroethane	97	(59 - 155)	CFR136A 624
1,2-Dichloroethane	91	(49 - 155)	CFR136A 624
1,1-Dichloroethene	95	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	95	(54 - 156)	CFR136A 624
1,2-Dichloropropane	97	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	95	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	96	(17 - 183)	CFR136A 624
Ethylbenzene	91	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	88	(46 - 157)	CFR136A 624
1,1,1-Trichloroethane	98	(52 - 162)	CFR136A 624
1,1,2-Trichloroethane	88	(52 - 150)	CFR136A 624
Trichlorofluoromethane	100	(17 - 181)	CFR136A 624
Vinyl chloride	91	(10 - 251)	CFR136A 624
1,2-Dichlorobenzene	85	(18 - 190)	CFR136A 624
Methylene chloride	90	(10 - 221)	CFR136A 624
Tetrachloroethene	86	(64 - 148)	CFR136A 624
Toluene	90	(47 - 150)	CFR136A 624
Trichloroethene	95	(71 - 157)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C8A290207

Work Order #...: KGGKH1AC

Matrix.....: WATER

LCS Lot-Sample#: A8B010000-400

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	106	(90 - 117)
Toluene-d8	103	(90 - 110)
Bromofluorobenzene	105	(85 - 111)

NOTE(S) :

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8A290207

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#:	C8A310000-501	Prep Batch #...:	8031501		
Cadmium	99	(85 - 115)	MCAWW 200.7	01/31-02/03/08	KGEGK1AW
		Dilution Factor: 1		Analysis Time...: 18:45	
Chromium	100	(85 - 115)	MCAWW 200.7	01/31-02/03/08	KGEGK1AX
		Dilution Factor: 1		Analysis Time...: 18:45	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C8A290207

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	01/30/08	8030097
		Dilution Factor: 1		Analysis Time...: 09:54	
Total Suspended Solids	99	(80 - 120)	SM20 2540D	01/30/08	8030065
		Dilution Factor: 1		Analysis Time...: 00:00	

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C8A290207 Work Order #...: KF8EC1AC Matrix.....: WATER
 MS Lot-Sample #: A8A290144-001
 Date Sampled...: 01/28/08 Date Received...: 01/29/08
 Prep Date.....: 02/01/08 Analysis Date...: 02/02/08
 Prep Batch #...: 8032400 MS Run #.....: 8032167
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	90	(90 - 114)	CFR136A 624
Bromodichloromethane	88	(78 - 123)	CFR136A 624
Bromoform	77	(40 - 141)	CFR136A 624
Bromomethane	87	(42 - 160)	CFR136A 624
Carbon tetrachloride	92	(61 - 129)	CFR136A 624
Chlorobenzene	87 a	(90 - 113)	CFR136A 624
Chloroethane	97	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)	CFR136A 624
Chloroform	89 a	(90 - 118)	CFR136A 624
Chloromethane	80	(37 - 127)	CFR136A 624
Dibromochloromethane	90	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	84 a	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	85 a	(90 - 112)	CFR136A 624
1,1-Dichloroethane	91	(90 - 114)	CFR136A 624
1,2-Dichloroethane	89 a	(90 - 123)	CFR136A 624
1,1-Dichloroethene	97	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	96	(85 - 116)	CFR136A 624
1,2-Dichloropropane	93	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	89	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	88	(71 - 114)	CFR136A 624
Ethylbenzene	89	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	88	(77 - 133)	CFR136A 624
1,1,1-Trichloroethane	100	(82 - 119)	CFR136A 624
1,1,2-Trichloroethane	87 a	(89 - 123)	CFR136A 624
Trichlorofluoromethane	110	(62 - 110)	CFR136A 624
Vinyl chloride	92	(50 - 119)	CFR136A 624
1,2-Dichlorobenzene	86 a	(90 - 115)	CFR136A 624
Methylene chloride	86	(78 - 131)	CFR136A 624
Tetrachloroethene	89	(81 - 112)	CFR136A 624
Toluene	87	(87 - 112)	CFR136A 624
Trichloroethene	95	(85 - 114)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	105	(90 - 117)
Toluene-d8	99	(90 - 110)
Bromofluorobenzene	105	(85 - 111)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C8A290207

Work Order #...: KP8EC1AC

Matrix.....: WATER

MS Lot-Sample #: A8A290144-001

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C8A290207

Matrix.....: WATER

Date Sampled...: 01/29/08

Date Received...: 01/30/08

<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 #: C8A300166-001 Prep Batch #...: 8031501							
Cadmium	98	(70 - 130)			MCAWW 200.7	01/31-02/03/08	KGAAP1CF
	99	(70 - 130)	0.67	(0-20)	MCAWW 200.7	01/31-02/03/08	KGAAP1CG
			Dilution Factor: 1				
			Analysis Time...: 19:29				
			MS Run #.....: 8031282				
Chromium	100	(70 - 130)			MCAWW 200.7	01/31-02/03/08	KGAAP1CH
	100	(70 - 130)	0.43	(0-20)	MCAWW 200.7	01/31-02/03/08	KGAAP1CJ
			Dilution Factor: 1				
			Analysis Time...: 19:29				
			MS Run #.....: 8031282				

NOTE(S):

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

