



CBS Corporation

Environmental Remediation
11 Stanwix Street
Pittsburgh, PA 15222

February 11, 2007

Thomas J. Biel
Geologist
New York State Department of Environmental Conservation
Division of Environmental 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. Biel:

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 under the Order. This report covers activities during the period of January 1 through January 31, 2007 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

- A. On January 5, 2007, 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 2006 operating period. That status report also transmitted the discharge monitoring data for December 2006.
- B. The recovery and treatment system operated throughout the December 2006 reporting period.
- C. Conestoga-Rovers & Associates conducted routine O&M on behalf of CBS, and Severn Trent Laboratories, Inc. provided analytical laboratory services.

2. Sampling Results and Other Site Data

- A. In January 2007, the groundwater system recovered an estimated 509,000 gallons.
- B. Attachment A provides the discharge monitoring report for January 2007 based on effluent sample collected on January 17, 2007. Attachment B includes the analytical laboratory report for the effluent sample collected on January 17, 2007.
- 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 2007 reporting period, the effluent complied with all discharge limitations.

3. Upcoming Activities

- A. Based on NYSDEC's October 30, 2006 approval letter, CBS is modifying the termination plan to specify the initial temporary shutdown of the 002 system. This activity is temporary on-hold due to adverse winter weather and limited access to manholes.
- B. CBS expects to submit revisions to work plan after any issues are resolved regarding the Niagara Frontier Transportation Authority (NFTA) groundwater lift station at the parking lot tunnel. CBS will implement this work plan in accordance with a revised schedule provided therein. In the meantime, CBS will continue O&M activities, as needed.
- C. On August 8, 2006, CBS submitted a letter to NYSDEC laying out its understanding of the agreed-upon actions to be undertaken with respect to the

Flying Tigers Area (Area P) at the northern end of the Site. CBS will work to support NFTA and Mercy Flight of Western New York, Inc. as needed to implement these actions.

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 2007

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

Reporting Month & Year **Jan-07**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		19,236	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	6.81	7.39	s.u.		10	Grab
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		< 4.0	mg/L	< 0.7	1	Grab
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		< 1.0	ug/L	< 0.00016	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		< 1.0	ug/L	< 0.00016	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00016	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00016	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00016	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00016	1	Grab
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		< 0.31	ug/L	< 0.00005	1	Grab
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		1.9	ug/L	< 0.00031	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
LABORATORY ANALYSIS REPORT
JANUARY 2007 EFFLUENT SAMPLE

STL Pittsburgh
301 Alpha Drive
Pittsburgh, PA 15238

Tel: 412 963 7058 Fax: 412 963 2468
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. VIACOM

Viacom Buffalo Airport

Lot #: C7A180299

Leo Brausch

Leo Brausch Consulting

SEVERN TRENT LABORATORIES, INC.



Carrie L. Gamber
Project Manager

January 26, 2007



STL



NELAC REPORTING:

The format and content of the attached report meets NELAC standards and guidelines except as noted in the narrative. The table below presents a summary of the certifications held by STL 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	STL Pittsburgh
NFESC	NA	NAVY	X
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	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
Ohio Vap	(#CL0063)	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: 04/27/06

CASE NARRATIVE

Leo Brausch Consulting

STL Lot # C7A180299

Sample Receiving:

STL Pittsburgh received one sample on January 18, 2007. 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:

There were no problems associated with the analysis.

Metals:

There were no problems associated with the analysis.

General Chemistry:

The pH analysis was done at the request of the client. This test is a field parameter.

METHODS SUMMARY

C7A180299

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
pH (Electrometric)	MCAWW 150.1	MCAWW 150.1
Non-Filterable Residue (TSS)	MCAWW 160.2	MCAWW 160.2
Purgeables	CFR136A 624	CFR136A 624
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.

SAMPLE SUMMARY





C7A180299

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
JM21P	001	EFF 0107	01/17/07	03:50

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.

CHAIN OF CUSTODY RECORD

 CONESTOGA-ROVERS & ASSOCIATES 2571 Coopersville Blvd Durand MI 48829		SHIPPED TO (Laboratory Name): SKK P. H. Bush P.A.		REFERENCE NUMBER: 18036 Niagara Buffalo Airport	
PRINTED NAME: _____		No. of Containers 3		REMARKS 27-7-72 3-1-1-1 3	
SEQ. No.	DATE	TIME	SAMPLE No.		
	1-17-07	3:50	EFF-0107		
TOTAL NUMBER OF CONTAINERS					
RELINQUISHED BY: 		DATE: 1-17-07 TIME: 3:50		RECEIVED BY: ① DATE: _____ TIME: _____	
RELINQUISHED BY:		DATE: _____ TIME: _____		RECEIVED BY: ② DATE: _____ TIME: _____	
RELINQUISHED BY:		DATE: _____ TIME: _____		RECEIVED BY: ③ DATE: _____ TIME: _____	
METHOD OF SHIPMENT: <i>Fedex</i>					
White Yellow Pink Goldenrod		-Fully Executed Copy -Receiving Laboratory Copy -Shipper Copy -Sampler Copy		WAY BILL No.	
SAMPLE TEAM: 				RECEIVED FOR LABORATORY BY: 	
				No CRA 01220	
				DATE: 01-18-07 TIME: 0915	

Leo Brausch Consulting

Client Sample ID: EFF 0107

GC/MS Volatiles

Lot-Sample #...: C7A180299-001 Work Order #...: JM21P1AF Matrix.....: WATER
 Date Sampled...: 01/17/07 Date Received...: 01/18/07 MS Run #.....: 7024200
 Prep Date.....: 01/24/07 Analysis Date...: 01/24/07
 Prep Batch #...: 70241111 Analysis Time...: 13:27
 Dilution Factor: 1
 Method.....: CFR136A 624

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.27
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.21
Toluene	ND	1.0	ug/L	0.18
Trichloroethene	ND	1.0	ug/L	0.22

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
4-Bromofluorobenzene	85	(70 - 118)
1,2-Dichloroethane-d4	98	(64 - 135)
Toluene-d8	91	(71 - 118)
Dibromofluoromethane	97	(64 - 128)

Leo Brausch Consulting

Client Sample ID: EFF 0107

TOTAL Metals

Lot-Sample #...: C7A180299-001

Date Sampled...: 01/17/07

Date Received...: 01/18/07

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>
Prep Batch #...: 7022088						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	01/23-01/24/07	JM21P1AA
		Dilution Factor: 1		Analysis Time...: 15:56	MS Run #.....: 7022044	
		MDL.....: 0.31				
Chromium	1.9 B	5.0	ug/L	MCAWW 200.7	01/23-01/24/07	JM21P1AC
		Dilution Factor: 1		Analysis Time...: 15:56	MS Run #.....: 7022044	
		MDL.....: 0.80				

NOTE(S) :

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFF 0107

General Chemistry

Lot-Sample #...: C7A180299-001
Date Sampled...: 01/17/07

Work Order #...: JM21P
Date Received...: 01/18/07

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	7.3	--	No Units	MCAWW 150.1	01/18/07	7018463
			Dilution Factor: 1	Analysis Time...: 21:04	MS Run #.....: 7018258	
			MDL.....: --			
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	01/22/07	7022015
			Dilution Factor: 1	Analysis Time...: 00:00	MS Run #.....: 7022018	
			MDL.....: 3.4			

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7A180299
 MB Lot-Sample #: C7A240000-111

Work Order #...: JM9HG1AA

Matrix.....: WATER

Analysis Date...: 01/24/07
 Dilution Factor: 1

Prep Date.....: 01/24/07
 Prep Batch #...: 7024111

Analysis Time...: 10:31

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
4-Bromofluorobenzene	78	(70 - 118)
1,2-Dichloroethane-d4	86	(64 - 135)
Toluene-d8	86	(71 - 118)
Dibromofluoromethane	91	(64 - 128)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7A180299

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 #: C7A220000-088 Prep Batch #...: 7022088						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	01/23-01/24/07	JM57X1AA
		Dilution Factor: 1 Analysis Time...: 15:45				
Chromium	ND	5.0	ug/L	MCAWW 200.7	01/23-01/24/07	JM57X1AC
		Dilution Factor: 1 Analysis Time...: 15:45				

NOTE (S) :

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

METHOD BLANK REPORT

General Chemistry

Client Lot #....: C7A180299

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	01/22/07	7022015
		Work Order #: JM55X1AA		MB Lot-Sample #: C7A220000-015		
		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 #....: C7A180299 Work Order #....: JM9HGLAC Matrix.....: WATER
 LCS Lot-Sample#: C7A240000-111
 Prep Date.....: 01/24/07 Analysis Date...: 01/24/07
 Prep Batch #....: 7024111 Analysis Time...: 09:30
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	82	(63 - 137)	CFR136A 624
Benzene	80	(64 - 136)	CFR136A 624
Bromodichloromethane	80	(65 - 135)	CFR136A 624
Bromoform	76	(71 - 129)	CFR136A 624
Bromomethane	121	(14 - 186)	CFR136A 624
Carbon tetrachloride	81	(73 - 127)	CFR136A 624
Chloroethane	83	(38 - 162)	CFR136A 624
Chloroform	83	(67 - 133)	CFR136A 624
Chloromethane	79	(1.0- 204)	CFR136A 624
1,1-Dichloroethene	83	(50 - 150)	CFR136A 624
1,1-Dichloroethane	79	(72 - 128)	CFR136A 624
trans-1,2-Dichloroethene	81	(69 - 131)	CFR136A 624
1,2-Dichloroethene (total)	80	(69 - 131)	CFR136A 624
1,2-Dichloroethane	86	(68 - 132)	CFR136A 624
Methylene chloride	76	(60 - 140)	CFR136A 624
1,1,1-Trichloroethane	83	(75 - 125)	CFR136A 624
1,2-Dichloropropane	78	(34 - 166)	CFR136A 624
Tetrachloroethene	91	(73 - 127)	CFR136A 624
Toluene	82	(74 - 126)	CFR136A 624
cis-1,3-Dichloropropene	79	(24 - 176)	CFR136A 624
Trichloroethene	84	(66 - 134)	CFR136A 624
Dibromochloromethane	77	(67 - 133)	CFR136A 624
1,1,2-Trichloroethane	77	(71 - 129)	CFR136A 624
trans-1,3-Dichloropropene	77	(50 - 150)	CFR136A 624
1,1,2,2-Tetrachloroethane	67	(60 - 140)	CFR136A 624
Chlorobenzene	81	(66 - 134)	CFR136A 624
Ethylbenzene	87	(59 - 141)	CFR136A 624
2-Chloroethyl vinyl ether	93	(1.0- 224)	CFR136A 624
Acrylonitrile	93	(10 - 200)	CFR136A 624
Xylenes (total)	89	(37 - 162)	CFR136A 624
Acrolein	115	(10 - 200)	CFR136A 624
Dichlorodifluoromethane	80	(10 - 200)	CFR136A 624
Carbon disulfide	83	(35 - 150)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7A180299
 LCS Lot-Sample#: C7A240000-111

Work Order #...: JM9HG1AC

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Vinyl chloride	76	(4.0- 196)	CFR136A 624
Styrene	89	(70 - 130)	CFR136A 624
Trichlorofluoromethane	89	(48 - 152)	CFR136A 624
1,3-Dichlorobenzene	86	(73 - 127)	CFR136A 624
1,4-Dichlorobenzene	83	(63 - 137)	CFR136A 624
Methyl tert-butyl ether (MTBE)	77	(50 - 150)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
4-Bromofluorobenzene	80	(70 - 118)
1,2-Dichloroethane-d4	92	(64 - 135)
Toluene-d8	90	(71 - 118)
Dibromofluoromethane	95	(64 - 128)

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 #...: C7A180299

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#: C7A220000-088 Prep Batch #...: 7022088					
Cadmium	104	(85 - 115)	MCAWW 200.7	01/23-01/24/07	JM57X1AD
		Dilution Factor: 1		Analysis Time...: 15:50	
Chromium	103	(85 - 115)	MCAWW 200.7	01/23-01/24/07	JM57X1AE
		Dilution Factor: 1		Analysis Time...: 15:50	

NOTE(S) :

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C7A180299

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)	MCAWW 150.1 Dilution Factor: 1	Work Order #: JM28V1AA LCS Lot-Sample#: C7A180000-463 01/18/07 Analysis Time...: 21:00	7018463
Total Suspended Solids	101	(80 - 120)	MCAWW 160.2 Dilution Factor: 1	Work Order #: JM55X1AC LCS Lot-Sample#: C7A220000-015 01/22/07 Analysis Time...: 00:00	7022015

NOTE(S) :

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7A180299 Work Order #...: JM21W1AD-MS Matrix.....: WATER
 MS Lot-Sample #: C7A180303-001 JM21W1AE-MSD
 Date Sampled...: 01/17/07 Date Received...: 01/18/07 MS Run #.....: 7024200
 Prep Date.....: 01/24/07 Analysis Date...: 01/24/07
 Prep Batch #...: 7024111 Analysis Time...: 14:53
 Dilution Factor: 1

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
1,2-Dichlorobenzene	89	(18 - 190)			CFR136A 624
	90	(18 - 190)	1.0	(0-40)	CFR136A 624
Benzene	76	(37 - 151)			CFR136A 624
	77	(37 - 151)	0.97	(0-40)	CFR136A 624
Bromodichloromethane	76	(35 - 155)			CFR136A 624
	79	(35 - 155)	4.4	(0-40)	CFR136A 624
Bromoform	73	(45 - 169)			CFR136A 624
	73	(45 - 169)	0.34	(0-43)	CFR136A 624
Bromomethane	85	(1.0- 242)			CFR136A 624
	87	(1.0- 242)	2.6	(0-40)	CFR136A 624
Carbon tetrachloride	70	(70 - 140)			CFR136A 624
	67 a	(70 - 140)	5.0	(0-40)	CFR136A 624
Chloroethane	85	(14 - 230)			CFR136A 624
	82	(14 - 230)	4.0	(0-40)	CFR136A 624
Chloroform	82	(51 - 138)			CFR136A 624
	85	(51 - 138)	3.1	(0-40)	CFR136A 624
Chloromethane	73	(1.0- 273)			CFR136A 624
	70	(1.0- 273)	3.5	(0-40)	CFR136A 624
1,1-Dichloroethene	71	(1.0- 234)			CFR136A 624
	69	(1.0- 234)	1.9	(0-40)	CFR136A 624
1,1-Dichloroethane	74	(59 - 155)			CFR136A 624
	75	(59 - 155)	1.5	(0-40)	CFR136A 624
trans-1,2-Dichloroethene	76	(69 - 138)			CFR136A 624
	73	(69 - 138)	4.2	(0-40)	CFR136A 624
1,2-Dichloroethene (total)	76	(69 - 138)	0.88	(0-40)	CFR136A 624
1,2-Dichloroethane	82	(49 - 155)			CFR136A 624
	86	(49 - 155)	4.5	(0-40)	CFR136A 624
Methylene chloride	69	(1.0- 221)			CFR136A 624
	70	(1.0- 221)	1.9	(0-40)	CFR136A 624
1,1,1-Trichloroethane	75	(52 - 162)			CFR136A 624
	76	(52 - 162)	1.7	(0-40)	CFR136A 624
1,2-Dichloropropane	80	(1.0- 210)			CFR136A 624
	81	(1.0- 210)	1.1	(0-40)	CFR136A 624
Tetrachloroethene	95	(64 - 148)			CFR136A 624
	94	(64 - 148)	1.2	(0-40)	CFR136A 624
Toluene	88	(47 - 150)			CFR136A 624
	86	(47 - 150)	2.5	(0-40)	CFR136A 624

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7A180299 Work Order #...: JM21W1AD-MS Matrix.....: WATER
 MS Lot-Sample #: C7A180303-001 JM21W1AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
cis-1,3-Dichloropropene	77	(1.0- 227)			CFR136A 624
	81	(1.0- 227)	5.5	(0-40)	CFR136A 624
Trichloroethene	84	(71 - 157)			CFR136A 624
	87	(71 - 157)	3.6	(0-40)	CFR136A 624
Dibromochloromethane	77	(53 - 149)			CFR136A 624
	80	(53 - 149)	3.7	(0-40)	CFR136A 624
1,1,2-Trichloroethane	83	(52 - 150)			CFR136A 624
	86	(52 - 150)	4.1	(0-40)	CFR136A 624
trans-1,3-Dichloropropene	78	(17 - 183)			CFR136A 624
	80	(17 - 183)	2.8	(0-40)	CFR136A 624
1,1,2,2-Tetrachloroethane	70	(46 - 157)			CFR136A 624
	71	(46 - 157)	1.6	(0-40)	CFR136A 624
Chlorobenzene	90	(37 - 160)			CFR136A 624
	90	(37 - 160)	0.66	(0-40)	CFR136A 624
Ethylbenzene	99	(37 - 162)			CFR136A 624
	96	(37 - 162)	2.9	(0-40)	CFR136A 624
2-Chloroethyl vinyl ether	8.1	(1.0- 305)			CFR136A 624
	0.0 a,p	(1.0- 305)	200	(0-40)	CFR136A 624
Acrylonitrile	89	(10 - 200)			CFR136A 624
	98	(10 - 200)	9.9	(0-40)	CFR136A 624
Xylenes (total)	98	(37 - 162)			CFR136A 624
	96	(37 - 162)	2.3	(0-40)	CFR136A 624
Acrolein	121	(10 - 200)			CFR136A 624
	123	(10 - 200)	1.1	(0-40)	CFR136A 624
Dichlorodifluoromethane	75	(10 - 200)			CFR136A 624
	70	(10 - 200)	7.0	(0-40)	CFR136A 624
Carbon disulfide	60	(35 - 150)			CFR136A 624
	58	(35 - 150)	3.3	(0-40)	CFR136A 624
Vinyl chloride	83	(1.0- 251)			CFR136A 624
	79	(1.0- 251)	5.0	(0-50)	CFR136A 624
Styrene	99	(70 - 130)			CFR136A 624
	98	(70 - 130)	0.60	(0-30)	CFR136A 624
Trichlorofluoromethane	91	(17 - 181)			CFR136A 624
	90	(17 - 181)	1.2	(0-40)	CFR136A 624
1,3-Dichlorobenzene	92	(59 - 156)			CFR136A 624
	91	(59 - 156)	1.0	(0-40)	CFR136A 624
1,4-Dichlorobenzene	88	(18 - 190)			CFR136A 624
	88	(18 - 190)	0.45	(0-40)	CFR136A 624
Methyl tert-butyl ether (MTBE)	73	(50 - 150)			CFR136A 624
	77	(50 - 150)	5.3	(0-50)	CFR136A 624

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7A180299
MS Lot-Sample #: C7A180303-001

Work Order #...: JM21W1AD-MS
JM21W1AE-MSD

Matrix.....: WATER

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
4-Bromofluorobenzene	75	(70 - 118)
	76	(70 - 118)
1,2-Dichloroethane-d4	84	(64 - 135)
	91	(64 - 135)
Toluene-d8	85	(71 - 118)
	84	(71 - 118)
Dibromofluoromethane	87	(64 - 128)
	88	(64 - 128)

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.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C7A180299

Matrix.....: WATER

Date Sampled...: 01/17/07

Date Received...: 01/18/07

<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 #: C7A180299-001 Prep Batch #...: 7022088							
Cadmium	102	(70 - 130)			MCAWW 200.7	01/23-01/24/07	JM21P1AG
	102	(70 - 130)	0.11	(0-20)	MCAWW 200.7	01/23-01/24/07	JM21P1AH
Dilution Factor: 1							
Analysis Time...: 16:07							
MS Run #.....: 7022044							
Chromium	101	(70 - 130)			MCAWW 200.7	01/23-01/24/07	JM21P1AJ
	101	(70 - 130)	0.12	(0-20)	MCAWW 200.7	01/23-01/24/07	JM21P1AK
Dilution Factor: 1							
Analysis Time...: 16:07							
MS Run #.....: 7022044							

NOTE (S) :

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C7A180299

Work Order #...: JM1HR-SMP
JM1HR-DUP

Matrix.....: WATER

Date Sampled...: 01/17/07

Date Received...: 01/18/07

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u> <u>RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u> <u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>PREP</u> <u>BATCH #</u>
pH	7.6	7.6	No Units	0.66	(0-2.0)	MCAWW 150.1	01/18/07	7018463
			Dilution Factor: 1			Analysis Time...: 21:01	MS Run Number...: 7018258	
						SD Lot-Sample #: C7A180107-001		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: C7A180299

Work Order #....: JM4K9-SMP
JM4K9-DUP

Matrix.....: WATER

Date Sampled....: 01/18/07

Date Received...: 01/19/07

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>		<u>RPD</u>	<u>LIMIT</u>		<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Total Suspended Solids	7430	7120	mg/L	4.2	(0-20)	MCAWW 160.2	01/22/07	7022015
				Dilution Factor: 12.5		Analysis Time...: 00:00	MS Run Number...: 7022018	
						SD Lot-Sample #: C7A190244-001		