



CBS Corporation

Environmental Remediation
11 Stanwix Street
Pittsburgh, PA 15222

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February 18, 2006

David S. Szymanski
Environmental Engineering Technician III
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. Szymanski:

On behalf of the Respondents to the Order on Consent and Settlement Agreement (Index No. B9-0381-91-8) (the "Order"), CBS Corporation (CBS)¹ 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,² CBS is managing the Remedial Program under the Order. This report covers activities during the period of January 1 through January 31, 2006 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

- A. On January 10, 2006, CBS (then Viacom) submitted to NYSDEC a monthly report on the status of both routine and non-routine O&M activities at the Site for the November 2006 operating period. That status report also transmitted the discharge monitoring data for December 2005.

¹ CBS Corporation, a Delaware Corporation, is successor to Viacom Inc. (Viacom) by corporate name change, which, in turn, was the successor by corporate merger to CBS Corporation, a Pennsylvania Corporation, that was signatory to the Order.

² "Agreement for Cost Sharing, Joint Performance and Joint Defense Related to a Remedial Design and Remedial Action for the NYSDEC Inactive Hazardous Waste Disposal Site No. 9-15-066, Cheektowaga, NY," effective January 5, 1999.

- B. The recovery and treatment system operated throughout the January 2006 reporting period.
- C. Conestoga-Rovers & Associates (CRA) conducted routine O&M on behalf of Viacom.
- D. CBS, through its outside counsel, continued discussions with the Niagara Frontier Transportation Authority (NFTA) regarding the potential disposition of the Flying Tigers Restaurant and associated property that had been the subject of NYSDEC correspondence dated September 25 and November 30, 2005.

2. Sampling Results and Other Site Data

- A. In January 2006, the groundwater system recovered an estimated 287,000 gallons.
- B. Attachment A provides the discharge monitoring report for January 2006 based on the effluent sample collected on January 31, 2006. Attachment B provides 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. 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 2006 reporting period the effluent complied with all discharge limitations except for pH. pH values were recorded both below and above the specified range of 6.5 to 8.5. The (geometric) mean and median pH values recorded in January 2006 were 6.42 and 7.23, respectively. The operational problems associated with pH fluctuations appear to have been rectified by the end of January 2006; the last two readings from the in-line pH meter were 8.27 and 7.50, and the laboratory sample collected on January 31, 2006 exhibited a pH of 6.50.

3. Upcoming Activities

- A. CBS will continue its reviews with NFTA regarding the potential disposition of the Flying Tigers Restaurant and coordinate with NYSDEC counsel on this matter.
- B. CRA will continue routine operation of the recovery and treatment system until NYSDEC concurs that the operation of this system can be terminated.
- C. As needed, Encotech, Inc. will conduct supplemental maintenance of the treatment facility focused on issues related to system sustainability and treatment efficiency.

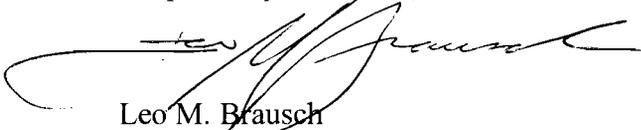
4. Operational Problems

- A. In various areas, the collected groundwater exhibits a high hardness and pH that are likely related to the use of crushed concrete as fill in site redevelopment. The hardness precipitates as calcium and magnesium carbonate. This fine precipitate rapidly plugs pumps, piping, filters, and activated carbon adsorbers, greatly increasing the level of effort required to operate the treatment system. Viacom has been unable to implement effective measures to address this high solids loading.
- B. The inflow to the collection system continues to exceed the routine withdrawal rate from the three collector sumps. This imbalance is caused, in part, by downtime for sump pump maintenance due to clogging with precipitate. It is also suspected that surface water inflows continue to occur.

* * * *

We trust this submittal satisfies your requirements at this time. If you have questions regarding this status report, please contact me.

Respectfully submitted,



Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

cc: J. Crua, NYSDOH
C. Boller, CRA
K. Minkel, NFTA

ATTACHMENT A
DISCHARGE MONITORING REPORT
JANUARY 2006

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

Reporting Month & Year Jan-06

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result Discharge Limitation		19,016 28,800	gpd gpd		Continuous Continuous	Meter Meter
pH	Monitoring Result Discharge Limitation	4.03 6.5	9.90 8.5	s.u. s.u.		17 Weekly	Grab Grab
Total suspended solids	Monitoring Result Discharge Limitation		< 4.0 20	mg/L mg/L	< 0.63	1 Monthly	Grab Grab
Toluene	Monitoring Result Discharge Limitation		< 1.0 5	ug/L ug/L	< 0.00016	1 Monthly	Grab Grab
Methylene chloride	Monitoring Result Discharge Limitation		< 1.0 10	ug/L ug/L	< 0.00016	1 Monthly	Grab Grab
1,2-dichlorobenzene	Monitoring Result Discharge Limitation		< 1.0 5	ug/L ug/L	< 0.00016	1 Monthly	Grab Grab
cis-1,2-dichloroethylene	Monitoring Result Discharge Limitation		0.43 10	ug/L ug/L	0.000068	1 Monthly	Grab Grab
Trichloroethylene	Monitoring Result Discharge Limitation		< 1.0 10	ug/L ug/L	< 0.00016	1 Monthly	Grab Grab
Tetrachloroethylene	Monitoring Result Discharge Limitation		< 1.0 50	ug/L ug/L	< 0.00016	1 Monthly	Grab Grab
Cadmium	Monitoring Result Discharge Limitation		< 0.31 3	ug/L ug/L	< 0.000049	1 Monthly	Grab Grab
Chromium	Monitoring Result Discharge Limitation		11.8 99	ug/L ug/L	0.00187	1 Monthly	Grab Grab

ATTACHMENT B
LABORATORY ANALYSIS REPORT
JANUARY 2006 EFFLUENT SAMPLE



STL[®]

STL Pittsburgh
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Pittsburgh, PA 15238

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

ANALYTICAL REPORT

PROJECT NO. VIACOM
Viacom Buffalo Airport
Lot #: C6A310182

Leo Brausch
Leo Brausch Consulting

SEVERN TRENT LABORATORIES, INC.

Carrie L. Gamber
Project Manager

February 14, 2006



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
North Dakota	R-075	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.

CASE NARRATIVE

Leo Brausch Consulting
Viacom
Buffalo Airport

STL Lot # C6A310182

Sample Receiving:

STL Pittsburgh received one sample on January 31, 2006. 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(624):

The method blank for batch 6041057 had methylene chloride detected below the reporting limit but above the MDL. The result was flagged with a "J" qualifier. Any sample associated with this blank that had methylene chloride detected had the result flagged with a "B" qualifier.

Metals:

There were no problems associated with the analysis.

General Chemistry:

There were no problems associated with the analysis.

METHODS SUMMARY

C6A310182

<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

C6A310182

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
HWKPC	001	EFF-1-06	01/30/06	13:37

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 2371 George Urban Blvd Depew NY 14043		SHIPPED TO (Laboratory Name):			REFERENCE NUMBER: 18036 Viacon Buffalo Airport				
		SAMPLER'S SIGNATURE: <i>Chuck Bolter</i>		PRINTED NAME: <i>Chuck Bolter</i>		No. of Containers <i>5</i> HCL 574 VOL PARAMETERS COC / P60 (M2) PH			
SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	REMARKS				
	<i>1/30/06</i>	<i>137</i>	<i>EFF-1-06</i>	<i>water</i>					
TOTAL NUMBER OF CONTAINERS					HEALTH/CHEMICAL HAZARDS				
RELINQUISHED BY: ① <i>CB</i>		DATE: <i>1-30-06</i>		RECEIVED BY: ①		DATE: _____			
		TIME: <i>1-35</i>				TIME: _____			
RELINQUISHED BY: ②		DATE: _____		RECEIVED BY: ②		DATE: _____			
		TIME: _____				TIME: _____			
RELINQUISHED BY: ③		DATE: _____		RECEIVED BY: ③		DATE: _____			
		TIME: _____				TIME: _____			
METHOD OF SHIPMENT:					WAY BILL No. _____				
White - Fully Executed Copy Yellow - Receiving Laboratory Copy Pink - Shipper Copy Goldenrod - Sampler Copy		SAMPLE TEAM: <i>Chuck Bolter</i>		RECEIVED FOR LABORATORY BY: <i>[Signature]</i>		No CRA 10213 DATE: <i>01-31-06</i> TIME: <i>0950</i>			

Leo Brausch Consulting

Client Sample ID: EFF-1-06

GC/MS Volatiles

Lot-Sample #...: C6A310182-001 Work Order #...: HWKPC1AA Matrix.....: WATER
 Date Sampled...: 01/30/06 Date Received...: 01/31/06 MS Run #.....: 6041165
 Prep Date.....: 02/10/06 Analysis Date...: 02/10/06
 Prep Batch #...: 6041057 Analysis Time...: 21:20
 Dilution Factor: 1
 Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,2-Dichloroethene	0.43 J	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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	87	(70 - 118)
1,2-Dichloroethane-d4	101	(64 - 135)
Toluene-d8	89	(71 - 118)
Dibromofluoromethane	97	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFP-1-06

TOTAL Metals

Lot-Sample #...: C6A310182-001
Date Sampled...: 01/30/06

Date Received...: 01/31/06

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 #...: 6032199						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	02/01-02/03/06	HWKPC1AD
		Dilution Factor: 1		Analysis Time...: 13:37	MS Run #.....: 6032106	
		MDL.....: 0.31				
Chromium	11.8	5.0	ug/L	MCAWW 200.7	02/01-02/03/06	HWKPC1AE
		Dilution Factor: 1		Analysis Time...: 13:37	MS Run #.....: 6032106	
		MDL.....: 0.80				

Leo Brausch Consulting

Client Sample ID: EFF-1-06

General Chemistry

Lot-Sample #...: C6A310182-001

Work Order #...: HWKPC

Matrix.....: WATER

Date Sampled...: 01/30/06

Date Received...: 01/31/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH	6.5	--	No Units	MCAWW 150.1	01/31/06	6032077
				Dilution Factor: 1	Analysis Time...: 13:05	MS Run #.....: 6033032
				MDL.....: --		
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	02/01-02/02/06	6032191
				Dilution Factor: 1	Analysis Time...: 00:00	MS Run #.....: 6032101
				MDL.....: 3.4		

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6A310182 Work Order #...: HW6661AA Matrix.....: WATER
 MB Lot-Sample #: C6B100000-057
 Prep Date.....: 02/10/06 Analysis Time...: 11:58
 Analysis Date...: 02/10/06 Prep Batch #...: 6041057
 Dilution Factor: 1

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	ND	1.0	ug/L	CFR136A 624
Methylene chloride	0.81 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

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
4-Bromofluorobenzene	98	(70 - 118)
1,2-Dichloroethane-d4	95	(64 - 135)
Toluene-d8	100	(71 - 118)
Dibromofluoromethane	99	(64 - 128)

NOTE(S) :

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6A310182

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 #: C6B010000-199 Prep Batch #...: 6032199						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	02/01-02/03/06	HWMNN1AV
		Dilution Factor: 1				
		Analysis Time...: 11:41				
Chromium	ND	5.0	ug/L	MCAWW 200.7	02/01-02/03/06	HWMNN1AW
		Dilution Factor: 1				
		Analysis Time...: 11:41				

NOTE(S) :

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C6A310182

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	02/01-02/02/06	6032191
		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 #...: C6A310182 Work Order #...: HW6661AC Matrix.....: WATER
 LCS Lot-Sample#: C6B100000-057
 Prep Date.....: 02/10/06 Analysis Date...: 02/10/06
 Prep Batch #...: 6041057 Analysis Time...: 10:43
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,2-Dichlorobenzene	88	(63 - 137)	CFR136A 624
Benzene	87	(64 - 136)	CFR136A 624
Bromodichloromethane	98	(65 - 135)	CFR136A 624
Bromoform	118	(71 - 129)	CFR136A 624
Bromomethane	76	(14 - 186)	CFR136A 624
Carbon tetrachloride	104	(73 - 127)	CFR136A 624
Chloroethane	68	(38 - 162)	CFR136A 624
Chloroform	84	(67 - 133)	CFR136A 624
Chloromethane	76	(1.0- 204)	CFR136A 624
1,1-Dichloroethene	79	(50 - 150)	CFR136A 624
1,1-Dichloroethane	80	(72 - 128)	CFR136A 624
trans-1,2-Dichloroethene	82	(69 - 131)	CFR136A 624
1,2-Dichloroethene (total)	85	(69 - 131)	CFR136A 624
1,2-Dichloroethane	85	(68 - 132)	CFR136A 624
Methylene chloride	72	(60 - 140)	CFR136A 624
1,1,1-Trichloroethane	91	(75 - 125)	CFR136A 624
1,2-Dichloropropane	86	(34 - 166)	CFR136A 624
Tetrachloroethene	86	(73 - 127)	CFR136A 624
Toluene	86	(74 - 126)	CFR136A 624
cis-1,3-Dichloropropene	103	(24 - 176)	CFR136A 624
Trichloroethene	88	(66 - 134)	CFR136A 624
Dibromochloromethane	115	(67 - 133)	CFR136A 624
1,1,2-Trichloroethane	82	(71 - 129)	CFR136A 624
trans-1,3-Dichloropropene	107	(50 - 150)	CFR136A 624
1,1,2,2-Tetrachloroethane	89	(60 - 140)	CFR136A 624
Chlorobenzene	83	(66 - 134)	CFR136A 624
Ethylbenzene	86	(59 - 141)	CFR136A 624
2-Chloroethyl vinyl ether	42	(1.0- 224)	CFR136A 624
Acrylonitrile	97	(10 - 200)	CFR136A 624
Xylenes (total)	88	(37 - 162)	CFR136A 624
Acrolein	60	(10 - 200)	CFR136A 624
Dichlorodifluoromethane	65	(10 - 200)	CFR136A 624
Carbon disulfide	81	(35 - 150)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: C6A310182 Work Order #....: HW6661AC Matrix.....: WATER
 LCS Lot-Sample#: C6B100000-057

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Naphthalene	78	(50 - 150)	CFR136A 624
Vinyl chloride	76	(4.0- 196)	CFR136A 624
Styrene	87	(70 - 130)	CFR136A 624
Trichlorofluoromethane	76	(48 - 152)	CFR136A 624
1,3-Dichlorobenzene	88	(73 - 127)	CFR136A 624
1,4-Dichlorobenzene	88	(63 - 137)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
4-Bromofluorobenzene	95	(70 - 118)
1,2-Dichloroethane-d4	88	(64 - 135)
Toluene-d8	88	(71 - 118)
Dibromofluoromethane	93	(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 #...: C6A310182

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#: C6B010000-199 Prep Batch #...: 6032199

Cadmium	97	(85 - 115)	MCAWW 200.7	02/01-02/03/06	HWMNN1A4
		Dilution Factor: 1		Analysis Time..: 11:47	

Chromium	99	(85 - 115)	MCAWW 200.7	02/01-02/03/06	HWMNN1A5
		Dilution Factor: 1		Analysis Time..: 11:47	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C6A310182

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	01/31/06	6032077
			Dilution Factor: 1	Analysis Time...: 13:00	
Total Suspended Solids	91	(80 - 120)	MCAWW 160.2	02/01-02/02/06	6032191
			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

Client Lot #...: C6A310182 Work Order #...: HWQVA1AQ-MS Matrix.....: WATER
 MS Lot-Sample #: C6B020289-002 HWQVA1AR-MSD
 Date Sampled...: 02/02/06 Date Received...: 02/02/06 MS Run #.....: 6041165
 Prep Date.....: 02/10/06 Analysis Date...: 02/10/06
 Prep Batch #...: 6041057 Analysis Time...: 13:08
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	89	(18 - 190)			CFR136A 624
	91	(18 - 190)	2.3	(0-40)	CFR136A 624
Benzene	90	(37 - 151)			CFR136A 624
	90	(37 - 151)	0.05	(0-40)	CFR136A 624
Bromodichloromethane	100	(35 - 155)			CFR136A 624
	101	(35 - 155)	1.5	(0-40)	CFR136A 624
Bromoform	121	(45 - 169)			CFR136A 624
	127	(45 - 169)	5.4	(0-43)	CFR136A 624
Bromomethane	87	(1.0- 242)			CFR136A 624
	90	(1.0- 242)	3.5	(0-40)	CFR136A 624
Carbon tetrachloride	106	(70 - 140)			CFR136A 624
	104	(70 - 140)	1.7	(0-40)	CFR136A 624
Chloroethane	78	(14 - 230)			CFR136A 624
	73	(14 - 230)	5.7	(0-40)	CFR136A 624
Chloroform	87	(51 - 138)			CFR136A 624
	90	(51 - 138)	2.5	(0-40)	CFR136A 624
Chloromethane	74	(1.0- 273)			CFR136A 624
	75	(1.0- 273)	1.7	(0-40)	CFR136A 624
1,1-Dichloroethene	85	(1.0- 234)			CFR136A 624
	84	(1.0- 234)	0.29	(0-40)	CFR136A 624
1,1-Dichloroethane	82	(59 - 155)			CFR136A 624
	84	(59 - 155)	3.0	(0-40)	CFR136A 624
trans-1,2-Dichloroethene	85	(69 - 138)			CFR136A 624
	86	(69 - 138)	1.5	(0-40)	CFR136A 624
1,2-Dichloroethene (total)	87	(69 - 138)			CFR136A 624
	89	(69 - 138)	2.0	(0-40)	CFR136A 624
1,2-Dichloroethane	90	(49 - 155)			CFR136A 624
	90	(49 - 155)	0.77	(0-40)	CFR136A 624
Methylene chloride	72	(1.0- 221)			CFR136A 624
	70	(1.0- 221)	2.3	(0-40)	CFR136A 624
1,1,1-Trichloroethane	96	(52 - 162)			CFR136A 624
	96	(52 - 162)	0.41	(0-40)	CFR136A 624
1,2-Dichloropropane	89	(1.0- 210)			CFR136A 624
	89	(1.0- 210)	0.84	(0-40)	CFR136A 624
Tetrachloroethene	88	(64 - 148)			CFR136A 624
	86	(64 - 148)	2.6	(0-40)	CFR136A 624
Toluene	91	(47 - 150)			CFR136A 624
	90	(47 - 150)	0.11	(0-40)	CFR136A 624

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C6A310182 Work Order #...: HWQVA1AQ-MS Matrix.....: WATER
 MS Lot-Sample #: C6B020289-002 HWQVA1AR-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
cis-1,3-Dichloropropene	104	(1.0- 227)			CFR136A 624
	105	(1.0- 227)	0.95	(0-40)	CFR136A 624
Trichloroethene	90	(71 - 157)			CFR136A 624
	92	(71 - 157)	1.9	(0-40)	CFR136A 624
Dibromochloromethane	121	(53 - 149)			CFR136A 624
	118	(53 - 149)	2.5	(0-40)	CFR136A 624
1,1,2-Trichloroethane	87	(52 - 150)			CFR136A 624
	87	(52 - 150)	0.57	(0-40)	CFR136A 624
trans-1,3-Dichloropropene	110	(17 - 183)			CFR136A 624
	110	(17 - 183)	0.09	(0-40)	CFR136A 624
1,1,2,2-Tetrachloroethane	91	(46 - 157)			CFR136A 624
	95	(46 - 157)	3.9	(0-40)	CFR136A 624
Chlorobenzene	88	(37 - 160)			CFR136A 624
	87	(37 - 160)	1.7	(0-40)	CFR136A 624
Ethylbenzene	91	(37 - 162)			CFR136A 624
	90	(37 - 162)	0.99	(0-40)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(1.0- 305)			CFR136A 624
	0.0 a	(1.0- 305)	0.0	(0-40)	CFR136A 624
Acrylonitrile	97	(10 - 200)			CFR136A 624
	102	(10 - 200)	4.6	(0-40)	CFR136A 624
Xylenes (total)	92	(37 - 162)			CFR136A 624
	92	(37 - 162)	0.61	(0-40)	CFR136A 624
Acrolein	55	(10 - 200)			CFR136A 624
	54	(10 - 200)	2.5	(0-40)	CFR136A 624
Dichlorodifluoromethane	68	(10 - 200)			CFR136A 624
	68	(10 - 200)	0.95	(0-40)	CFR136A 624
Carbon disulfide	65	(35 - 150)			CFR136A 624
	67	(35 - 150)	3.0	(0-40)	CFR136A 624
Naphthalene	83	(50 - 150)			CFR136A 624
	93	(50 - 150)	11	(0-50)	CFR136A 624
Vinyl chloride	78	(1.0- 251)			CFR136A 624
	80	(1.0- 251)	2.9	(0-50)	CFR136A 624
Styrene	92	(70 - 130)			CFR136A 624
	93	(70 - 130)	1.1	(0-30)	CFR136A 624
Trichlorofluoromethane	83	(17 - 181)			CFR136A 624
	81	(17 - 181)	1.8	(0-40)	CFR136A 624
1,3-Dichlorobenzene	87	(59 - 156)			CFR136A 624
	91	(59 - 156)	3.5	(0-40)	CFR136A 624
1,4-Dichlorobenzene	86	(18 - 190)			CFR136A 624
	89	(18 - 190)	2.6	(0-40)	CFR136A 624

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6A310182
 Date Sampled...: 01/31/06

Date Received...: 01/31/06

Matrix.....: WATER

<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>
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MS Lot-Sample #: C6A310129-004 Prep Batch #...: 6032199

Cadmium	92	(70 - 130)			MCAWW 200.7	02/01-02/03/06	HWKDW1CX
	93	(70 - 130)	1.1	(0-20)	MCAWW 200.7	02/01-02/03/06	HWKDW1C0

Dilution Factor: 1
 Analysis Time...: 13:10
 MS Run #.....: 6032106

Chromium	94	(70 - 130)			MCAWW 200.7	02/01-02/03/06	HWKDW1C2
	95	(70 - 130)	0.05	(0-20)	MCAWW 200.7	02/01-02/03/06	HWKDW1C3

Dilution Factor: 1
 Analysis Time...: 13:10
 MS Run #.....: 6032106

NOTE(S) :

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C6A310182

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

Matrix.....: WATER

Date Sampled...: 01/30/06

Date Received...: 01/31/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH	8.2	8.3	No Units	0.73	(0-2.0)	MCAWW 150.1	01/31/06	6032077
			Dilution Factor: 1			Analysis Time...: 13:01	MS Run Number...: 6033032	
						SD Lot-Sample #: C6A310118-003		

