



**CBS Corporation**

Environmental Remediation  
11 Stanwix Street  
Pittsburgh, PA 15222

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NYSDEC REG 9  
FOI  
✓ REL UNREL

May 9, 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 defined in the Order. This report covers activities during the period of April 1 through April 30, 2007 and transmits the discharge monitoring report for this period.

**1. Site Activities and Status**

- A. On April 11, 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 March 2007 operating period. That status report also transmitted the discharge monitoring data for March 2007.
- B. The recovery and treatment system operated throughout the April 2007 reporting period.
- C. Conestoga-Rovers & Associates (CRA) 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 April 2007, the groundwater system recovered and treated an estimated 423,000 gallons.
- B. Attachment A provides the discharge monitoring report for April 2007 based on effluent sample collected on April 9, 2007. Attachment B includes the analytical laboratory report for the effluent sample collected on April 9, 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 April 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 had been temporarily on-hold due to adverse winter weather (with limited access to manholes) and the need to resolve certain administrative issues between the Respondents.
- 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 and certain administrative issues. 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**  
**APRIL 2007**

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

**Reporting Month & Year Apr-07**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result Discharge Limitation		16,887 28,800	gpd gpd		Continuous Continuous	Meter Meter
pH	Monitoring Result Discharge Limitation	7.59 6.5	8.00 8.5	s.u. s.u.		9 Weekly	Grab Grab
Total suspended solids	Monitoring Result Discharge Limitation		3.6 20	mg/L mg/L	0.55	1 Monthly	Grab Grab
Toluene	Monitoring Result Discharge Limitation		< 1.0 5	ug/L ug/L	< 0.00015	1 Monthly	Grab Grab
Methylene chloride	Monitoring Result Discharge Limitation		< 1.0 10	ug/L ug/L	< 0.00015	1 Monthly	Grab Grab
1,2-dichlorobenzene	Monitoring Result Discharge Limitation		< 1.0 5	ug/L ug/L	< 0.00015	1 Monthly	Grab Grab
cis-1,2-dichloroethylene	Monitoring Result Discharge Limitation		< 1.0 10	ug/L ug/L	< 0.00015	1 Monthly	Grab Grab
Trichloroethylene	Monitoring Result Discharge Limitation		< 1.0 10	ug/L ug/L	< 0.00015	1 Monthly	Grab Grab
Tetrachloroethylene	Monitoring Result Discharge Limitation		< 1.0 .50	ug/L ug/L	< 0.00015	1 Monthly	Grab Grab
Cadmium	Monitoring Result Discharge Limitation		< 0.31 3	ug/L ug/L	< 0.00005	1 Monthly	Grab Grab
Chromium	Monitoring Result Discharge Limitation		1.1 99	ug/L ug/L	< 0.00016	1 Monthly	Grab Grab

**ATTACHMENT B**  
**LABORATORY ANALYSIS REPORT**  
**APRIL 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 BUFFALO

Viacom Buffalo Airport

Lot #: C7D100295

Leo Brausch

Leo Brausch Consulting

SEVERN TRENT LABORATORIES, INC.



Carrie L. Gamber  
Project Manager

April 17, 2007

## 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**  
Viacom  
Buffalo Airport

STL Lot # C7D100295

### **Sample Receiving:**

STL Pittsburgh received one sample on April 10, 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:**

STL North Canton, Ohio performed the 624 analysis. All results are included in the report.

The sample had 1,2-dichloroethane-d4 surrogate recover outside of the control limits. The sample was re-analyzed within the holding time and again had this surrogate recover outside of the control limits confirming matrix interference. Only the original analysis is reported.

### **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

C7D100295

<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	SW846 5030B
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


C7D100295

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
JTMWD	001	EFF-0407	04/09/07	16:00

**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.

# CHAIN OF CUSTODY RECORD

 <b>CONESTOGA-ROVERS &amp; ASSOCIATES</b>		SHIPPED TO (Laboratory Name): <b>STL Pittsburgh</b>		REFERENCE NUMBER: <b>18036-511</b> <b>Buffalo Airport Monthly</b>	
SAMPLER'S SIGNATURE: <i>[Signature]</i>		PRINTED NAME: <b>Kevin Lynch</b>		REMARKS	
DATE: <b>4/9/07</b> TIME: <b>1600</b>		SAMPLE No.: <b>EFF-0407</b>			
SEQ. No.		SAMPLE TYPE		No. of Containers	
1		Water		5	
2		3		1	
3		4		1	
4		5		1	
5		6		1	
6		7		1	
7		8		1	
8		9		1	
9		10		1	
10		11		1	
11		12		1	
12		13		1	
13		14		1	
14		15		1	
15		16		1	
16		17		1	
17		18		1	
18		19		1	
19		20		1	
20		21		1	
21		22		1	
22		23		1	
23		24		1	
24		25		1	
25		26		1	
26		27		1	
27		28		1	
28		29		1	
29		30		1	
30		31		1	
31		32		1	
32		33		1	
33		34		1	
34		35		1	
35		36		1	
36		37		1	
37		38		1	
38		39		1	
39		40		1	
40		41		1	
41		42		1	
42		43		1	
43		44		1	
44		45		1	
45		46		1	
46		47		1	
47		48		1	
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90		91		1	
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93		94		1	
94		95		1	
95		96		1	
96		97		1	
97		98		1	
98		99		1	
99		100		1	
100		101		1	
101		102		1	
102		103		1	
103		104		1	
104		105		1	
105		106		1	
106		107		1	
107		108		1	
108		109		1	
109		110		1	
110		111		1	
111		112		1	
112		113		1	
113		114		1	
114		115		1	
115		116		1	
116		117		1	
117		118		1	
118		119		1	
119		120		1	
120		121		1	
121		122		1	
122		123		1	
123		124		1	
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125		126		1	
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134		135		1	
135		136		1	
136		137		1	
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141		142		1	
142		143		1	
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147		148		1	
148		149		1	
149		150		1	
150		151		1	
151		152		1	
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165		166		1	
166		167		1	
167		168		1	
168		169		1	
169		170		1	
170		171		1	
171		172		1	
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189		190		1	
190		191		1	
191		192		1	
192		193		1	
193		194		1	
194		195		1	
195		196		1	
196		197		1	
197		198		1	
198		199		1	
199		200		1	

SHIPPED TO (Laboratory Name):  
**STL Pittsburgh**

CONESTOGA-ROVERS & ASSOCIATES

PRINTED NAME: **Kevin Lynch**

DATE: **4/9/07** TIME: **1600**

REFERENCE NUMBER: **18036-511**  
**Buffalo Airport Monthly**

PARAMETERS: **105**  
**CLC (9)**  
**HTSS**

SAMPLE TYPE: **Water**

SAMPLE No.: **EFF-0407**

NO. OF CONTAINERS: **5**

HEALTH/CHEMICAL HAZARDS

TOTAL NUMBER OF CONTAINERS: **6**

RELINQUISHED BY: *[Signature]*  
 DATE: **4-9-07** TIME: **1630\***

RELINQUISHED BY: *[Signature]*  
 DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

RELINQUISHED BY: *[Signature]*  
 DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

RELINQUISHED BY: *[Signature]*  
 DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

RELINQUISHED BY: *[Signature]*  
 DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

RELINQUISHED BY: *[Signature]*  
 DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

Leo Brausch Consulting

Client Sample ID: EFF-0407

GC/MS Volatiles

Lot-Sample #...: C7D100295-001    Work Order #...: JTMWD1AF    Matrix.....: WATER  
 Date Sampled...: 04/09/07    Date Received...: 04/10/07    MS Run #.....: 7106150  
 Prep Date.....: 04/15/07    Analysis Date...: 04/15/07  
 Prep Batch #...: 7105056    Analysis Time...: 18:32  
 Dilution Factor: 1  
 Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.21
Methylene chloride	ND	1.0	ug/L	0.19
Tetrachloroethene	ND	1.0	ug/L	0.19
Toluene	ND	1.0	ug/L	0.17
Trichloroethene	ND	1.0	ug/L	0.28
	PERCENT	RECOVERY		
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
1,2-Dichloroethane-d4	84 *	(90 - 117)		
Toluene-d8	95	(90 - 110)		
Bromofluorobenzene	91	(85 - 111)		

NOTE(S) :

\* Surrogate recovery is outside stated control limits.  
 Surrogates outside acceptance criteria due to demonstrated matrix effect.

Leo Brausch Consulting

Client Sample ID: EFF-0407

TOTAL Metals

Lot-Sample #...: C7D100295-001

Matrix.....: WATER

Date Sampled...: 04/09/07

Date Received...: 04/10/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...	7101175					
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/12-04/13/07	JTMWD1AA
		Dilution Factor: 1		Analysis Time...: 17:58	MS Run #.....: 7101103	
		MDL.....: 0.31				
Chromium	1.1 B	5.0	ug/L	MCAWW 200.7	04/12-04/13/07	JTMWD1AC
		Dilution Factor: 1		Analysis Time...: 17:58	MS Run #.....: 7101103	
		MDL.....: 0.80				

**NOTE(S):**

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFF-0407

General Chemistry

Lot-Sample #...: C7D100295-001  
Date Sampled...: 04/09/07

Work Order #...: JTMWD  
Date Received...: 04/10/07

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	7.7	--	No Units	MCAWW 150.1	04/10/07	7100508
			Dilution Factor: 1	Analysis Time...: 20:30	MS Run #.....: 7100262	
			MDL.....: --			
Total Suspended Solids	3.6 B	4.0	mg/L	MCAWW 160.2	04/12-04/13/07	7102147
			Dilution Factor: 1	Analysis Time...: 00:00	MS Run #.....: 7102100	
			MDL.....: 3.4			

NOTE(S):

RL Reporting Limit:

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7D100295  
 MB Lot-Sample #: A7D150000-056  
 Analysis Date...: 04/15/07  
 Dilution Factor: 1

Work Order #...: JT0LV1AA  
 Prep Date.....: 04/15/07  
 Prep Batch #...: 7105056

Matrix.....: WATER  
 Analysis Time...: 16:30

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
Toluene	ND	1.0	ug/L	CFR136A 624
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
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	95	(90 - 117)
Toluene-d8	102	(90 - 110)
Bromofluorobenzene	101	(85 - 111)

**NOTE (S):**

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



METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7D100295

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 #: C7D110000-175 Prep Batch #...: 7101175						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/12-04/13/07	JTNPC1AF
		Dilution Factor: 1				
		Analysis Time...: 16:58				
Chromium	ND	5.0	ug/L	MCAWW 200.7	04/12-04/13/07	JTNPC1AG
		Dilution Factor: 1				
		Analysis Time...: 16:58				

**NOTE(S) :**

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C7D100295

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	MCAWW 160.2	04/12-04/13/07	7102147
		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 #...: C7D100295      Work Order #...: JT0LV1AC      Matrix.....: WATER  
 LCS Lot-Sample#: A7D150000-056  
 Prep Date.....: 04/15/07      Analysis Date...: 04/15/07  
 Prep Batch #...: 7105056      Analysis Time...: 16:06  
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	99	(37 - 151)	CFR136A 624
Bromodichloromethane	109	(35 - 155)	CFR136A 624
Bromoform	107	(45 - 169)	CFR136A 624
Bromomethane	101	(10 - 242)	CFR136A 624
Carbon tetrachloride	105	(70 - 140)	CFR136A 624
Chlorobenzene	100	(37 - 160)	CFR136A 624
Chloroethane	97	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	100	(10 - 305)	CFR136A 624
Chloroform	101	(51 - 138)	CFR136A 624
Chloromethane	84	(10 - 273)	CFR136A 624
Dibromochloromethane	119	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	97	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	96	(18 - 190)	CFR136A 624
1,1-Dichloroethane	99	(59 - 155)	CFR136A 624
1,2-Dichloroethane	97	(49 - 155)	CFR136A 624
1,1-Dichloroethene	101	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	95	(54 - 156)	CFR136A 624
1,2-Dichloropropane	99	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	115	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	107	(17 - 183)	CFR136A 624
Ethylbenzene	99	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	91	(46 - 157)	CFR136A 624
1,1,1-Trichloroethane	101	(52 - 162)	CFR136A 624
1,1,2-Trichloroethane	98	(52 - 150)	CFR136A 624
Trichlorofluoromethane	105	(17 - 181)	CFR136A 624
Vinyl chloride	91	(10 - 251)	CFR136A 624
1,2-Dichlorobenzene	96	(18 - 190)	CFR136A 624
Methylene chloride	113	(10 - 221)	CFR136A 624
Tetrachloroethene	104	(64 - 148)	CFR136A 624
Toluene	99	(47 - 150)	CFR136A 624
Trichloroethene	108	(71 - 157)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C7D100295      Work Order #...: JT0LV1AC      Matrix.....: WATER  
LCS Lot-Sample#: A7D150000-056

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	95	(90 - 117)
Toluene-d8	102	(90 - 110)
Bromofluorobenzene	104	(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 #...: C7D100295

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#: C7D110000-175 Prep Batch #...: 7101175					
Cadmium	104	(85 - 115)	MCAWW 200.7	04/12-04/13/07	JTNPC1AK
		Dilution Factor: 1		Analysis Time...: 17:04	
Chromium	104	(85 - 115)	MCAWW 200.7	04/12-04/13/07	JTNPC1AL
		Dilution Factor: 1		Analysis Time...: 17:04	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C7D100295

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)	Work Order #: JTM7N1AA MCAWW 150.1	LCS Lot-Sample#: C7D100000-508 04/10/07	7100508
			Dilution Factor: 1	Analysis Time...: 20:15	
Total Suspended Solids	97	(80 - 120)	Work Order #: JTQ5N1AC MCAWW 160.2	LCS Lot-Sample#: C7D120000-147 04/12-04/13/07	7102147
			Dilution Factor: 1	Analysis Time...: 00:00	

**NOTE(S):**

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C7D100295      Work Order #...: JTPQ01AL      Matrix.....: WATER  
 MS Lot-Sample #: A7D110256-001  
 Date Sampled...: 04/11/07      Date Received...: 04/11/07  
 Prep Date.....: 04/16/07      Analysis Date...: 04/16/07  
 Prep Batch #...: 7105056      MS Run #.....: 7106150  
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	93	(90 - 114)	CFR136A 624
Bromodichloromethane	107	(78 - 123)	CFR136A 624
Bromoform	96	(40 - 141)	CFR136A 624
Bromomethane	101	(42 - 160)	CFR136A 624
Carbon tetrachloride	110	(61 - 129)	CFR136A 624
Chlorobenzene	96	(90 - 113)	CFR136A 624
Chloroethane	96	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)	CFR136A 624
Chloroform	109	(90 - 118)	CFR136A 624
Chloromethane	80	(37 - 127)	CFR136A 624
Dibromochloromethane	113	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	90	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	90	(90 - 112)	CFR136A 624
1,1-Dichloroethane	96	(90 - 114)	CFR136A 624
1,2-Dichloroethane	115	(90 - 123)	CFR136A 624
1,1-Dichloroethene	109	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	101	(85 - 116)	CFR136A 624
1,2-Dichloropropane	91	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	103	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	99	(71 - 114)	CFR136A 624
Ethylbenzene	95	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	79	(77 - 133)	CFR136A 624
1,1,1-Trichloroethane	110	(82 - 119)	CFR136A 624
1,1,2-Trichloroethane	93	(89 - 123)	CFR136A 624
Trichlorofluoromethane	122 a	(62 - 110)	CFR136A 624
Vinyl chloride	89	(50 - 119)	CFR136A 624
1,2-Dichlorobenzene	90	(90 - 115)	CFR136A 624
Methylene chloride	107	(78 - 131)	CFR136A 624
Tetrachloroethene	102	(81 - 112)	CFR136A 624
Toluene	91	(87 - 112)	CFR136A 624
Trichloroethene	112	(85 - 114)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	112	(90 - 117)
Toluene-d8	94	(90 - 110)
Bromofluorobenzene	97	(85 - 111)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C7D100295

Work Order #...: JTPQ01AL

Matrix.....: WATER

MS Lot-Sample #: A7D110256-001

NOTE(S):

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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 #...: C7D100295

Matrix.....: WATER

Date Sampled...: 04/10/07

Date Received...: 04/10/07

<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>
<b>MS Lot-Sample #: C7D100265-004 Prep Batch #...: 7101175</b>							
Cadmium	99	(70 - 130)			MCAWW 200.7	04/12-04/13/07	JTMPK1AU
	99	(70 - 130)	0.02	(0-20)	MCAWW 200.7	04/12-04/13/07	JTMPK1AV
			Dilution Factor: 1				
			Analysis Time...: 17:37				
			MS Run #.....: 7101103				
Chromium	99	(70 - 130)			MCAWW 200.7	04/12-04/13/07	JTMPK1AX
	100	(70 - 130)	0.97	(0-20)	MCAWW 200.7	04/12-04/13/07	JTMPK1A0
			Dilution Factor: 1				
			Analysis Time...: 17:37				
			MS Run #.....: 7101103				

**NOTE(S) :**

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



