



CBS Corporation

Environmental Remediation
11 Stanwix Street
Pittsburgh, PA 15222

December 14, 2006

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 November 1 through November 30, 2006 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

- A. On November 8, 2006, CBS received from NYSDEC approval (via letter dated October 30, 2006) to proceed with the phased shutdown of those portions of the groundwater recovery and treatment system that flow to Sumps 001 and 002.
- B. On November 11, 2006, CBS submitted to NYSDEC a monthly report on the status of both routine and non-routine O&M activities at the Site for the October 2006 operating period. That status report also transmitted the discharge monitoring data for October 2006.

- C. CBS reviewed information provided by the Niagara Frontier Transportation Authority (NFTA) regarding the design and operation of the NFTA's groundwater lift station at the parking lot tunnel and NFTA requirements for contractor work inside the airport restricted zone (applicable to the Sump 001 portion of the system).
- D. The recovery and treatment system operated for a portion of the November 2006 reporting period. An outage occurred between November 14 and 30, 2006 that was caused by a failure of the main treatment (transfer) pump. This treatment pump was replaced, and the system is now fully operational.
- E. Conestoga-Rovers & Associates (CRA) conducted routine O&M on behalf of CBS, and Severn Trent Laboratories, Inc. (STL) provided analytical laboratory services, as required.

2. Sampling Results and Other Site Data

- A. In November 2006, the groundwater system recovered an estimated 176,000 gallons.
- B. Attachment A provides the discharge monitoring report for November 2006 based on effluent sample collected on November 30, 2006. Attachment B includes the analytical laboratory report for the effluent sample collected on November 30, 2006.
- 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 November 2006 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.
- B. CBS expects to submit revisions to work plan once any issues are resolved regarding the NFTA's 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 Niagara Frontier Transportation Authority 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
NOVEMBER 2006

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

Reporting Month & Year **Nov-06**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		6,254	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	6.60	7.03	s.u.		3	Grab
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		< 4.0	mg/L	< 0.3	1	Grab
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		< 1.0	ug/L	< 0.00006	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		< 1.0	ug/L	< 0.00006	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00006	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00006	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00006	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00006	1	Grab
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		< 0.31	ug/L	< 0.00002	1	Grab
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		< 0.80	ug/L	< 0.00005	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
LABORATORY ANALYSIS REPORT
NOVEMBER 2006 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 #: C6L060110

Leo Brausch

Leo Brausch Consulting

SEVERN TRENT LABORATORIES, INC.



Carrie L. Gamber
Project Manager

December 13, 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 Arkansas	(#S-46425) (#03-022-1)	Foreign Soil Import Permit WW HW	X X X
California – nelac	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – nelac	(#E87660)	WW HW	X X
Illinois – nelac	(#200005)	WW HW	X X
Kansas – nelac	(#E-10350)	WW HW	X X
Louisiana – nelac	(#93200)	WW HW	X X
New Hampshire – nelac	(#203002)	WW -	X -
New Jersey – nelac	(PA-005)	WW HW	X X
New York – nelac	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Ohio Vap	(#CL0063)	WW HW	X X
Pennsylvania - nelac	(#02-00416)	WW HW	X X
South Carolina	(#89014001)	WW HW	X X
Utah – nelac	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X 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 # C6L060110

Sample Receiving:

STL Pittsburgh received one sample on December 5, 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):

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

C6L060110

<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

C6L060110

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
JKVR7	001	EFF-1106	11/30/06	14:00

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

CONESTOGA-ROVERS & ASSOCIATES

SHIPPED TO (Laboratory Name):

STC Pittsburgh

REFERENCE NUMBER:

018036

SAMPLER'S SIGNATURE: *Ch. Boller*

PRINTED NAME: Chuck Boller

SPL
VOCs
PARAMETERS
PH/TS5
Cd & Cr

No. of Containers

SAMPLE TYPE

SEQ. No. DATE TIME

SAMPLE No.

Water

EFF 1106

11/30/06 1400

5

3 1 1

Temp Blank

Note: Samples stored in CRA Refrigerator from collection to shipment.

REMARKS

TOTAL NUMBER OF CONTAINERS

6

HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY: *[Signature]*

DATE: 1-30-06
TIME: 2:30

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: Fedex

WAY BILL No.

- White - Fully Executed Copy
- Yellow - Receiving Laboratory Copy
- Pink - Shipper Copy
- Goldenrod - Sampler Copy

SAMPLE TEAM: C. Boller

RECEIVED FOR LABORATORY BY: *[Signature]*

NO CRA 10240

DATE: 12-5-06 TIME: 0945

Leo Brausch Consulting

Client Sample ID: EFF-1106

GC/MS Volatiles

Lot-Sample #...: C6L060110-001 Work Order #...: JKVR71AF Matrix.....: WATER
 Date Sampled...: 11/30/06 Date Received...: 12/05/06 MS Run #.....: 6346471
 Prep Date.....: 12/12/06 Analysis Date...: 12/12/06
 Prep Batch #...: 6346116 Analysis Time...: 15:52
 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	100	(70 - 118)
1,2-Dichloroethane-d4	93	(64 - 135)
Toluene-d8	100	(71 - 118)
Dibromofluoromethane	93	(64 - 128)

Leo Brausch Consulting

Client Sample ID: EFF-1106

TOTAL Metals

Lot-Sample #...: C6L060110-001

Matrix.....: WATER

Date Sampled...: 11/30/06

Date Received...: 12/05/06

<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 #...: 6341145						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	12/07-12/08/06	JKVR71AA
		Dilution Factor: 1		Analysis Time...: 16:51	MS Run #.....: 6341090	
		MDL.....: 0.31				
Chromium	ND	5.0	ug/L	MCAWW 200.7	12/07-12/08/06	JKVR71AC
		Dilution Factor: 1		Analysis Time...: 16:51	MS Run #.....: 6341090	
		MDL.....: 0.80				

Leo Brausch Consulting

Client Sample ID: EFF-1106

General Chemistry

Lot-Sample #...: C6L060110-001
 Date Sampled...: 11/30/06

Work Order #...: JKVR7
 Date Received...: 12/05/06

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	6.6	--	No Units	MCAWW 150.1	12/06/06	6340524
			Dilution Factor: 1	Analysis Time...: 21:31	MS Run #.....: 6340336	
			MDL.....: --			
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	12/06-12/07/06	6340199
			Dilution Factor: 1	Analysis Time...: 00:00	MS Run #.....: 6340179	
			MDL.....: 3.4			

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6L060110 Work Order #...: JK9C21AA Matrix.....: WATER
 MB Lot-Sample #: C6L120000-116
 Prep Date.....: 12/12/06 Analysis Time...: 11:09
 Analysis Date...: 12/12/06 Prep Batch #...: 6346116
 Dilution Factor: 1

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
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	101	(70 - 118)
1,2-Dichloroethane-d4	85	(64 - 135)
Toluene-d8	94	(71 - 118)
Dibromofluoromethane	90	(64 - 128)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: C6L060110

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>WORK</u> <u>ORDER #</u>
MB Lot-Sample #: C6L070000-145 Prep Batch #....: 6341145						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	12/07-12/08/06	JKONK1AK
		Dilution Factor: 1				
		Analysis Time...: 15:35				
Chromium	ND	5.0	ug/L	MCAWW 200.7	12/07-12/08/06	JKONK1AJ
		Dilution Factor: 1				
		Analysis Time...: 15:35				

NOTE(S) :

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C6L060110

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	12/06-12/07/06	6340199
		Work Order #: JKV6Q1AA		MB Lot-Sample #: C6L060000-199		
		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 #....: C6L060110 Work Order #....: JK9C21AC Matrix.....: WATER
 LCS Lot-Sample#: C6L120000-116
 Prep Date.....: 12/12/06 Analysis Date...: 12/12/06
 Prep Batch #...: 6346116 Analysis Time...: 10:22
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,2-Dichlorobenzene	79	(63 - 137)	CFR136A 624
Benzene	81	(64 - 136)	CFR136A 624
Bromodichloromethane	80	(65 - 135)	CFR136A 624
Bromoform	92	(71 - 129)	CFR136A 624
Bromomethane	82	(14 - 186)	CFR136A 624
Carbon tetrachloride	86	(73 - 127)	CFR136A 624
Chloroethane	91	(38 - 162)	CFR136A 624
Chloroform	76	(67 - 133)	CFR136A 624
Chloromethane	83	(1.0- 204)	CFR136A 624
1,1-Dichloroethene	82	(50 - 150)	CFR136A 624
1,1-Dichloroethane	77	(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	78	(68 - 132)	CFR136A 624
Methylene chloride	80	(60 - 140)	CFR136A 624
1,1,1-Trichloroethane	78	(75 - 125)	CFR136A 624
1,2-Dichloropropane	80	(34 - 166)	CFR136A 624
Tetrachloroethene	79	(73 - 127)	CFR136A 624
Toluene	83	(74 - 126)	CFR136A 624
cis-1,3-Dichloropropene	88	(24 - 176)	CFR136A 624
Trichloroethene	81	(66 - 134)	CFR136A 624
Dibromochloromethane	91	(67 - 133)	CFR136A 624
1,1,2-Trichloroethane	82	(71 - 129)	CFR136A 624
trans-1,3-Dichloropropene	91	(50 - 150)	CFR136A 624
1,1,2,2-Tetrachloroethane	80	(60 - 140)	CFR136A 624
Chlorobenzene	78	(66 - 134)	CFR136A 624
Ethylbenzene	83	(59 - 141)	CFR136A 624
2-Chloroethyl vinyl ether	91	(1.0- 224)	CFR136A 624
Acrylonitrile	118	(10 - 200)	CFR136A 624
Xylenes (total)	83	(37 - 162)	CFR136A 624
Acrolein	94	(10 - 200)	CFR136A 624
Dichlorodifluoromethane	80	(10 - 200)	CFR136A 624
Carbon disulfide	84	(35 - 150)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C6L060110
 LCS Lot-Sample#: C6L120000-116

Work Order #...: JK9C21AC

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Vinyl chloride	88	(4.0- 196)	CFR136A 624
Styrene	84	(70 - 130)	CFR136A 624
Trichlorofluoromethane	86	(48 - 152)	CFR136A 624
1,3-Dichlorobenzene	78	(73 - 127)	CFR136A 624
1,4-Dichlorobenzene	78	(63 - 137)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
4-Bromofluorobenzene	96	(70 - 118)
1,2-Dichloroethane-d4	84	(64 - 135)
Toluene-d8	96	(71 - 118)
Dibromofluoromethane	88	(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 #...: C6L060110

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#: C6L070000-145 Prep Batch #...: 6341145					
Cadmium	103	(85 - 115)	MCAWW 200.7	12/07-12/08/06	JKONK1AP
		Dilution Factor: 1		Analysis Time..: 15:40	
Chromium	103	(85 - 115)	MCAWW 200.7	12/07-12/08/06	JKONK1AQ
		Dilution Factor: 1		Analysis Time..: 15:40	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C6L060110

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	12/06/06	6340524
			Dilution Factor: 1	Analysis Time...: 21:30	
Total Suspended Solids	93	(80 - 120)	MCAWW 160.2	12/06-12/07/06	6340199
			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 #...: C6L060110 Work Order #...: JLAVJ1AG-MS Matrix.....: WATER
 MS Lot-Sample #: C6L120310-002 JLAVJ1AH-MSD
 Date Sampled...: 12/11/06 Date Received...: 12/12/06 MS Run #.....: 6346471
 Prep Date.....: 12/12/06 Analysis Date...: 12/12/06
 Prep Batch #...: 6346116 Analysis Time...: 22:03
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	94	(18 - 190)			CFR136A 624
	92	(18 - 190)	2.2	(0-40)	CFR136A 624
Benzene	101	(37 - 151)			CFR136A 624
	99	(37 - 151)	1.9	(0-40)	CFR136A 624
Bromodichloromethane	90	(35 - 155)			CFR136A 624
	93	(35 - 155)	2.7	(0-40)	CFR136A 624
Bromoform	93	(45 - 169)			CFR136A 624
	88	(45 - 169)	5.0	(0-43)	CFR136A 624
Bromomethane	89	(1.0- 242)			CFR136A 624
	95	(1.0- 242)	6.4	(0-40)	CFR136A 624
Carbon tetrachloride	86	(70 - 140)			CFR136A 624
	89	(70 - 140)	3.6	(0-40)	CFR136A 624
Chloroethane	126	(14 - 230)			CFR136A 624
	114	(14 - 230)	10	(0-40)	CFR136A 624
Chloroform	92	(51 - 138)			CFR136A 624
	91	(51 - 138)	1.7	(0-40)	CFR136A 624
Chloromethane	105	(1.0- 273)			CFR136A 624
	101	(1.0- 273)	3.8	(0-40)	CFR136A 624
1,1-Dichloroethene	105	(1.0- 234)			CFR136A 624
	98	(1.0- 234)	7.1	(0-40)	CFR136A 624
1,1-Dichloroethane	95	(59 - 155)			CFR136A 624
	95	(59 - 155)	0.21	(0-40)	CFR136A 624
trans-1,2-Dichloroethene	100	(69 - 138)			CFR136A 624
	97	(69 - 138)	2.9	(0-40)	CFR136A 624
1,2-Dichloroethene (total)	101	(69 - 138)			CFR136A 624
	98	(69 - 138)	2.6	(0-40)	CFR136A 624
1,2-Dichloroethane	96	(49 - 155)			CFR136A 624
	93	(49 - 155)	2.7	(0-40)	CFR136A 624
Methylene chloride	102	(1.0- 221)			CFR136A 624
	98	(1.0- 221)	4.3	(0-40)	CFR136A 624
1,1,1-Trichloroethane	91	(52 - 162)			CFR136A 624
	88	(52 - 162)	2.8	(0-40)	CFR136A 624
1,2-Dichloropropane	98	(1.0- 210)			CFR136A 624
	98	(1.0- 210)	0.20	(0-40)	CFR136A 624
Tetrachloroethene	88	(64 - 148)			CFR136A 624
	93	(64 - 148)	5.4	(0-40)	CFR136A 624
Toluene	103	(47 - 150)			CFR136A 624
	102	(47 - 150)	1.0	(0-40)	CFR136A 624

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C6L060110
MS Lot-Sample #: C6L120310-002

Work Order #...: JLAVJ1AG-MS
JLAVJ1AH-MSD

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
cis-1,3-Dichloropropene	95	(1.0- 227)			CFR136A 624
	94	(1.0- 227)	1.7	(0-40)	CFR136A 624
Trichloroethene	97	(71 - 157)			CFR136A 624
	96	(71 - 157)	0.67	(0-40)	CFR136A 624
Dibromochloromethane	95	(53 - 149)			CFR136A 624
	94	(53 - 149)	0.94	(0-40)	CFR136A 624
1,1,2-Trichloroethane	103	(52 - 150)			CFR136A 624
	104	(52 - 150)	0.38	(0-40)	CFR136A 624
trans-1,3-Dichloropropene	94	(17 - 183)			CFR136A 624
	96	(17 - 183)	1.8	(0-40)	CFR136A 624
1,1,2,2-Tetrachloroethane	113	(46 - 157)			CFR136A 624
	105	(46 - 157)	6.6	(0-40)	CFR136A 624
Chlorobenzene	96	(37 - 160)			CFR136A 624
	96	(37 - 160)	0.31	(0-40)	CFR136A 624
Ethylbenzene	96	(37 - 162)			CFR136A 624
	94	(37 - 162)	1.6	(0-40)	CFR136A 624
2-Chloroethyl vinyl ether	106	(1.0- 305)			CFR136A 624
	109	(1.0- 305)	2.8	(0-40)	CFR136A 624
Acrylonitrile	132	(10 - 200)			CFR136A 624
	131	(10 - 200)	0.98	(0-40)	CFR136A 624
Xylenes (total)	96	(37 - 162)			CFR136A 624
	96	(37 - 162)	0.45	(0-40)	CFR136A 624
Acrolein	95	(10 - 200)			CFR136A 624
	99	(10 - 200)	4.5	(0-40)	CFR136A 624
Dichlorodifluoromethane	89	(10 - 200)			CFR136A 624
	90	(10 - 200)	1.3	(0-40)	CFR136A 624
Carbon disulfide	104	(35 - 150)			CFR136A 624
	98	(35 - 150)	6.1	(0-40)	CFR136A 624
Vinyl chloride	108	(1.0- 251)			CFR136A 624
	106	(1.0- 251)	2.3	(0-50)	CFR136A 624
Styrene	99	(70 - 130)			CFR136A 624
	98	(70 - 130)	1.6	(0-30)	CFR136A 624
Trichlorofluoromethane	114	(17 - 181)			CFR136A 624
	107	(17 - 181)	6.6	(0-40)	CFR136A 624
1,3-Dichlorobenzene	91	(59 - 156)			CFR136A 624
	87	(59 - 156)	4.6	(0-40)	CFR136A 624
1,4-Dichlorobenzene	93	(18 - 190)			CFR136A 624
	90	(18 - 190)	3.1	(0-40)	CFR136A 624
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>		<u>RECOVERY LIMITS</u>	
4-Bromofluorobenzene		89		(70 - 118)	
		97		(70 - 118)	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C6L060110 Work Order #...: JLAVJ1AG-MS Matrix.....: WATER
MS Lot-Sample #: C6L120310-002 JLAVJ1AH-MSD

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	78	(64 - 135)
	85	(64 - 135)
Toluene-d8	81	(71 - 118)
	93	(71 - 118)
Dibromofluoromethane	81	(64 - 128)
	84	(64 - 128)

NOTE(S) :

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C6L060110

Matrix.....: WATER

Date Sampled...: 12/05/06

Date Received...: 12/05/06

<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 #: C6L050256-001 Prep Batch #...: 6341145							
Cadmium	100	(70 - 130)			MCAWW 200.7	12/07-12/08/06	JKTW51A6
	101	(70 - 130)	0.93	(0-20)	MCAWW 200.7	12/07-12/08/06	JKTW51A7
Dilution Factor: 1							
Analysis Time...: 16:29							
MS Run #.....: 6341090							
Chromium	102	(70 - 130)			MCAWW 200.7	12/07-12/08/06	JKTW51A3
	103	(70 - 130)	0.49	(0-20)	MCAWW 200.7	12/07-12/08/06	JKTW51A4
Dilution Factor: 1							
Analysis Time...: 16:29							
MS Run #.....: 6341090							

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: C6L060110

Work Order #....: JKVR7-SMP
JKVR7-DUP

Matrix.....: WATER

Date Sampled....: 11/30/06

Date Received...: 12/05/06

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE RESULT</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD LIMIT</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
pH	6.6	6.6	No Units	0.15	(0-2.0)	MCAWW 150.1	12/06/06	6340524
			Dilution Factor: 1			Analysis Time...: 21:31	MS Run Number...: 6340336	
						SD Lot-Sample #: C6L060110-001		
Total Suspended Solids	ND	ND	mg/L	0	(0-20)	MCAWW 160.2	12/06-12/07/06	6340199
			Dilution Factor: 1			Analysis Time...: 00:00	MS Run Number...: 6340179	
						SD Lot-Sample #: C6L060110-001		