CBS Corporation

Environmental Remediation
11 Stanwix Street
Pittsburgh, PA 15222

June 8, 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) 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,[1] CBS is managing the Remedial Program under the Order. This report covers activities during the period of May 1 through May 31, 2006 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

A. On May 16, 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 April 2006 operating period. That status report also transmitted the discharge monitoring data for April 2006.

B. The recovery and treatment system operated throughout the May 2006 reporting period.

C. Conestoga-Rovers & Associates (CRA) conducted routine O&M on behalf of Viacom.

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[1] "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.

D. On May 8 and 9, 2006, CBS and CRA personnel collected samples at 22 manholes and sumps to assess flow conditions and constituent concentrations within the various portions of the collection piping system.

E. STL completed the analysis of the manholes samples as well as the system influent and effluent samples collected on May 9, 2006.

2. Sampling Results and Other Site Data

A. In May 2006, the groundwater system recovered an estimated 330,000 gallons.[2]

B. Attachment A provides the discharge monitoring report for May 2006 based on the effluent sample collected on May 9, 2006. Attachment B provides the analytical laboratory report for the influent and effluent samples collected on May 9, 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 May 2006 reporting period, the effluent complied with all discharge limitations.

E. Table 1 presents a summary of recent system influent data, including those from the influent sample collected on May 9, 2006. The influent sample, which reflects the quality of water being collected within the former storm sewer system at the Site, continues to show concentrations of certain VOCs.

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[2] The total estimated discharge for April 2006 was previously estimated at 459,000 gallons in the May 16, 2006 monthly O&M report. Upon further review of the discharge data, the April 2006 estimate has been revised to 431,000 gallons.

F. On May 24, 2006, Niagara Frontier Transportation Authority (NFTA) forwarded to NYSDEC counsel an update on the potential disposition of the former Flying Tigers Restaurant.

G. On May 31, 2006, Encotech, Inc. (Encotech) changed out the aqueous-phased activated carbon from all three adsorbers.

3. Upcoming Activities

A. CRA will continue routine operation of the recovery and treatment system until NYSDEC concurs that the operation of this system can be terminated.

B. As needed, Encotech will conduct supplemental maintenance of the treatment facility focused on issues related to system sustainability and treatment efficiency.

C. CBS will complete the assembly and evaluation of the manhole and sump sampling data. The results of these analyses will be forwarded to NYSDEC upon completion of this evaluation.

D. CBS will continue to work with NFTA regarding the potential disposition of the portion of the airport property associated with the Flying Tigers Restaurant and coordinate with NYSDEC counsel to settle issues related to this matter.[3]

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. CBS has been unable to implement effective measures to address this high solids loading.

B. The inflow to the collection system exceeds the routine withdrawal rate from the three collection 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.

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[3] On December 13, 2005, CBS (then Viacom Inc.), through its outside counsel, invoked dispute resolution under Paragraph XI of the Order with respect to the NYSDEC letter of November 30, 2005 (received December 2, 2005). In that letter, NYSDEC apprised the Respondents of a condition of remedy failure related to VOCs in groundwater near the Flying Tigers Restaurant at the northern end of the Site, and NYSDEC requested additional groundwater characterization.

C. The most-recent system influent data continue to show VOC concentrations that are not decreasing with time. These influent data are in stark contrast to the data from groundwater monitoring wells that show non-detectable to very low VOC concentrations. The continued operation of the collection and treatment system is having no measurable effect on VOC concentrations within the former site storm sewers or on VOC concentrations in site groundwater, which already meet the Remedial Action Objectives set forth in the Record of Decision.

* * * *

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
K. P. Lynch, CRA
K. Minkel, NFTA

TABLES

Table 1
Summary of Treatment System
Influent Monitoring Data

Date of Sampling	Outfall	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
08/21/00	Composite	200 U	200 U	200 U	**3,100**	200 U	**1.5**	NA
08/29/00	Composite	200 U	200 U	200 U	**8,500**	200 U	**0.7**	NA
09/06/00	Composite	200 U	200 U	200 U	**4,100**	200 U	0.7 U	NA
09/13/00	Composite	400 U	400 U	400 U	**9,600**	400 U	**1.6**	NA
09/20/00	Composite	**54 J**	100 U	100 U	**2,500**	100 U	0.6 U	NA
09/27/00	Composite	100 U	100 U	100 U	**2,200**	100 U	**0.68 B**	NA
10/04/00	Composite	**60 J**	100 U	100 U	**2,500**	100 U	**0.69 B**	NA
10/10/00	Composite	**23 J**	25 U	25 U	**430**	25 U	0.5 U	NA
03/29/01	Composite	**9.1 J**	10 U	**1.4 J**	**16**	10 U	**1.5**	2.47 U
06/26/01	001	**25**	5 U	**0.9 J**	**37**	5 U	**448**	NA
06/26/01	002	**16**	5 U	**2.3 J**	**280**	5 U	3.0 U	NA
06/26/01	003	**510**	5 U	**4.5 J**	**1,700**	5 U	3.0 U	NA
09/29/01	Comp - Perm	**18**	25 U	**4 J**	**8.3 J**	10 U	0.25 U	**7.4**
09/29/01	Comp - Temp	**14 J**	25 U	25 U	**350**	25 U	0.25 U	**8.7**
12/21/01	Composite	**14**	10 U	10 U	**130**	10 U	**1.7**	4.1 U
03/14/02	Composite	**18**	10 U	10 U	**130**	10 U	**0.29**	**4.5**
10/15/02	Composite	**11.3**	**530**	**9.0**	**990**	**16**	5 U	NA
12/15/02	Composite	**7.3**	**19**	**0.16**	**46**	**1.3**	**8.4**	50 U
03/15/03	Composite	**7.8**	**14**	**1.0**	**29**	NA	**21**	3 U
06/11/03	Composite	**11.0**	**130**	**64**	**570**	25 U	**4.2**	**5.5**
09/09/03	Composite	**8.6**	**290**	25 U	**620**	**15**	**3.0**	**3.5**
12/10/03	Composite	**8.6**	**54**	25 U	**430**	25 U	**2.5**	**3.0**
03/12/04	Composite	**7.7**	**51**	2 U	**3.9**	2 U	**1.4**	**1.6**
06/09/04	Composite	**8.3**	**54**	40 U	**650**	40 U	**1.8**	**6.8**
09/13/04	Composite	**10.3**	**98**	10 U	**250**	10 U	**1.8**	**2.2**
12/13/04	Composite	**140**	**4.4 J**	20 U	**470**	20 U	**0.81 B**	**1.6 B**

Table 1
Summary of Treatment System
Influent Monitoring Data

Date of Sampling	Outfall	Constituent Concentration (ug/L)						
		cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
03/23/05	Composite	**46**	15 U	15 U	**250**	15 U	**2.1 B**	1.5 U
06/09/05	Composite	**100**	15 U	15 U	**1,200**	**5.4 J**	**1.2 B**	3.0 U
10/03/05	Composite	**26**	1 U	**2.0**	**8.6**	**11**	5.0 U	3.0 U
12/16/05	Composite	**34**	5 U	5 U	**140**	**3.5 J**	**0.68 B**	3.0 U
03/13/06	Composite	**36**	10 U	10 U	**190**	**2.6 J**	**0.95 B**	**2.0 B**
05/09/06	Composite	**87**	10 U	10 U	**710**	**5.6 J**	**1.0 B**	3.0 U

Data Legend:

"NA" - indicates not analyzed

*Detections and estimated values are in **bold-face** type.*

Organic data qualifiers:

U - not detected at indicated detection limit

J - estimated concentration below reporting limit but above minimum detection limit.

Inorganic data qualifiers:

U - not detected at indicated detection limit

B - detected concentration below contract required detection limit but above instrument detection limit.

ATTACHMENT A

DISCHARGE MONITORING REPORT
MAY 2006

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

Reporting Month & Year **May-06**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**17,440**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**7.00**	**7.46**	**s.u.**		**4**	**Grab**
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		**< 4.0**	**mg/L**	**< 0.58**	**1**	**Grab**
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00015**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 2.0**	**ug/L**	**< 0.00029**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00015**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**10**	**ug/L**	**0.00145**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00015**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00015**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**0.88**	**ug/L**	**0.000128**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**1.8**	**ug/L**	**0.00026**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

LABORATORY ANALYSIS REPORT
MAY 2006 INFLUENT AND EFFLUENT SAMPLES

SEVERN TRENT STL®

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 #: C6E100230

Leo Brausch

Leo Brausch Consulting

SEVERN TRENT LABORATORIES, INC.

Carrie L. Gamber
Project Manager

May 22, 2006

SEVERN TRENT STL

ACCREDITED IN ACCORDANCE WITH nelac

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 HW	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
Viacom
Buffalo Airport

STL Lot # C6E100230

Sample Receiving:
STL Pittsburgh received two samples on May 10, 2006. The coolers were 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 STL North Canton, OH laboratory performed the volatiles analysis. All results are included in the report.

Due to the concentration of target compounds detected, sample INF-0506 was analyzed at a dilution.

Metals:
There were no problems associated with the analysis.

General Chemistry:
The test for pH is a field parameter. The laboratory pH analysis was completed at the request of the client.

METHODS SUMMARY

C6E100230

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
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

C6E100230

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H4369	001	INF-0506	05/09/06	13:25
H437P	002	EFF-0506	05/09/06	13:15

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.

C6E100230

Chain of Custody Record

SEVERN TRENT STL®

Severn Trent Laboratories, Inc.

2 coolers total

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Viacom	Lee Brausch	5/9/06	291831
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page ____ of ____**
City Pittsburgh	**State** PA	**Zip Code**	**Site Contact** Chuck Baller	**Lab Contact**
Project Name and Location (State) Buffalo Airport Monthly/Quarterly	**Carrier/Waybill Number**	
Contract/Purchase Order/Quote No.		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: pH/TSS	Cd,Cr,	VOCs - (Site Specific)	Special Instructions/ Conditions of Receipt
INF-0506	5/9/06	1325		X				X	X	X			1	1	3	
EFF-0506	5/9/06	1315		X					X	X			1	1	3	
Temp Blanks																

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other Contract

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5/9/06	1430	1. Received By		
2. Relinquished By			2. Received By Patrick Faust	5/10/06	0950
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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Leo Brausch Consulting

Client Sample ID: INF-0506

GC/MS Volatiles

Lot-Sample #...: C6E100230-001	**Work Order #...:** H43691AF	**Matrix.....:** WATER
Date Sampled...: 05/09/06	**Date Received..:** 05/10/06	**MS Run #.....:** 6136399
Prep Date.....: 05/15/06	**Analysis Date..:** 05/15/06	
Prep Batch #...: 6136611	**Analysis Time..:** 19:54	
Dilution Factor: 10		
	Method.....: CFR136A 624	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	10	ug/L	2.2
cis-1,2-Dichloroethene	**87**	**10**	**ug/L**	**4.1**
Methylene chloride	ND	20	ug/L	13
Tetrachloroethene	ND	10	ug/L	8.3
Toluene	ND	10	ug/L	2.9
1,1,1-Trichloroethane	ND	10	ug/L	7.6
Trichloroethene	**710**	**10**	**ug/L**	**4.1**
Vinyl chloride	**5.6 J**	**10**	**ug/L**	**4.4**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(90 - 117)
Toluene-d8	101	(90 - 110)
Bromofluorobenzene	96	(85 - 111)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: INF-0506

TOTAL Metals

Lot-Sample #...: C6E100230-001 **Matrix.....:** WATER
Date Sampled...: 05/09/06 **Date Received..:** 05/10/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6131036						
Cadmium	**1.0 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**05/11-05/12/06**	**H43691AC**
		Dilution Factor: 1		Analysis Time..: 10:20	MS Run #.....: 6131031	
		MDL.....: 0.31				
Chromium	**5.0**	**5.0**	**ug/L**	**MCAWW 200.7**	**05/11-05/12/06**	**H43691AE**
		Dilution Factor: 1		Analysis Time..: 10:20	MS Run #.....: 6131031	
		MDL.....: 0.80				
Lead	ND	3.0	ug/L	MCAWW 200.7	05/11-05/12/06	H43691AD
		Dilution Factor: 1		Analysis Time..: 10:20	MS Run #.....: 6131031	
		MDL.....: 1.5				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: INF-0506

General Chemistry

Lot-Sample #...: C6E100230-001 **Work Order #...:** H4369 **Matrix.....:** WATER
Date Sampled...: 05/09/06 **Date Received..:** 05/10/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.5**	--	**No Units**	**MCAWW 150.1**	**05/10/06**	**6130630**

Dilution Factor: 1 Analysis Time..: 21:49 MS Run #.....: 6136443
MDL.....: --

Leo Brausch Consulting

Client Sample ID: EFF-0506

GC/MS Volatiles

Lot-Sample #...: C6E100230-002 **Work Order #...:** H437P1AF **Matrix.....:** WATER
Date Sampled...: 05/09/06 **Date Received..:** 05/10/06 **MS Run #.....:** 6136399
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136611 **Analysis Time..:** 20:18
Dilution Factor: 1

Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	1.0	ug/L	0.22
cis-1,2-Dichloroethene	**10**	**1.0**	**ug/L**	**0.41**
Methylene chloride	ND	2.0	ug/L	1.3
Tetrachloroethene	ND	1.0	ug/L	0.83
Toluene	ND	1.0	ug/L	0.29
Trichloroethene	ND	1.0	ug/L	0.41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(90 - 117)
Toluene-d8	100	(90 - 110)
Bromofluorobenzene	94	(85 - 111)

Leo Brausch Consulting

Client Sample ID: EFF-0506

TOTAL Metals

Lot-Sample #...: C6E100230-002 **Matrix.....:** WATER
Date Sampled...: 05/09/06 **Date Received..:** 05/10/06

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6131036						
Cadmium	**0.88 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**05/11-05/12/06**	**H437P1AA**
		Dilution Factor: 1		Analysis Time..: 10:25	MS Run #.....: 6131031	
		MDL.....: 0.31				
Chromium	**1.8 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**05/11-05/12/06**	**H437P1AC**
		Dilution Factor: 1		Analysis Time..: 10:25	MS Run #.....: 6131031	
		MDL.....: 0.80				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: EFF-0506

General Chemistry

Lot-Sample #...: C6E100230-002 **Work Order #...:** H437P **Matrix.....:** WATER
Date Sampled...: 05/09/06 **Date Received..:** 05/10/06

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.1**	--	**No Units**	**MCAWW 150.1**	**05/10/06**	**6130630**
	Dilution Factor: 1			Analysis Time..: 21:52	MS Run #.....: 6136443	
	MDL.....: --					
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	05/11-05/12/06	6131253
	Dilution Factor: 1			Analysis Time..: 00:00	MS Run #.....: 6131165	
	MDL.....: 3.4					

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6E100230 **Work Order #...:** H5HRM1AA **Matrix.....:** WATER
MB Lot-Sample #: A6E160000-611

Prep Date.....: 05/15/06 **Analysis Time..:** 17:33
Analysis Date..: 05/15/06 **Prep Batch #...:** 6136611
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methylene chloride	ND	2.0	ug/L	CFR136A 624
Tetrachloroethene	ND	1.0	ug/L	CFR136A 624
Toluene	ND	1.0	ug/L	CFR136A 624
1,2-Dichlorobenzene	ND	1.0	ug/L	CFR136A 624
cis-1,2-Dichloroethene	ND	1.0	ug/L	CFR136A 624
1,1,1-Trichloroethane	ND	1.0	ug/L	CFR136A 624
Trichloroethene	ND	1.0	ug/L	CFR136A 624
Vinyl chloride	ND	1.0	ug/L	CFR136A 624

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(90 - 117)
Toluene-d8	100	(90 - 110)
Bromofluorobenzene	95	(85 - 111)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6E100230 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C6E110000-036 **Prep Batch #...:** 6131036						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	05/11-05/12/06	H45K11A2
		Dilution Factor: 1				
		Analysis Time..: 09:24				
Chromium	ND	5.0	ug/L	MCAWW 200.7	05/11-05/12/06	H45K11AC
		Dilution Factor: 1				
		Analysis Time..: 09:24				
Lead	ND	3.0	ug/L	MCAWW 200.7	05/11-05/12/06	H45K11AH
		Dilution Factor: 1				
		Analysis Time..: 09:24				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C6E100230 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: H46E81AA		MB Lot-Sample #:	C6E110000-253	
	ND	4.0	mg/L	MCAWW 160.2	05/11-05/12/06	6131253
		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 #...: C6E100230 **Work Order #...:** H5HRM1AC **Matrix.....:** WATER
LCS Lot-Sample#: A6E160000-611
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136611 **Analysis Time..:** 16:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	87	(18 - 190)	CFR136A 624
Methylene chloride	87	(10 - 221)	CFR136A 624
Tetrachloroethene	91	(64 - 148)	CFR136A 624
Toluene	91	(47 - 150)	CFR136A 624
1,1,1-Trichloroethane	98	(52 - 162)	CFR136A 624
Trichloroethene	88	(71 - 157)	CFR136A 624
Vinyl chloride	84	(10 - 251)	CFR136A 624
Benzene	90	(37 - 151)	CFR136A 624
Bromodichloromethane	96	(35 - 155)	CFR136A 624
Bromoform	100	(45 - 169)	CFR136A 624
Bromomethane	93	(10 - 242)	CFR136A 624
Carbon tetrachloride	102	(70 - 140)	CFR136A 624
Chlorobenzene	90	(37 - 160)	CFR136A 624
Chloroethane	94	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	93	(10 - 305)	CFR136A 624
Chloroform	93	(51 - 138)	CFR136A 624
Chloromethane	85	(10 - 273)	CFR136A 624
Dibromochloromethane	99	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	90	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	88	(18 - 190)	CFR136A 624
1,1-Dichloroethane	94	(59 - 155)	CFR136A 624
1,2-Dichloroethane	92	(49 - 155)	CFR136A 624
1,1-Dichloroethene	98	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	91	(54 - 156)	CFR136A 624
1,2-Dichloropropane	92	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	101	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	102	(17 - 183)	CFR136A 624
Ethylbenzene	91	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	91	(46 - 157)	CFR136A 624
1,1,2-Trichloroethane	93	(52 - 150)	CFR136A 624
Trichlorofluoromethane	106	(17 - 181)	CFR136A 624

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C6E100230 **Work Order #...:** H5HRM1AC **Matrix.....:** WATER
LCS Lot-Sample#: A6E160000-611

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(90 - 117)
Toluene-d8	103	(90 - 110)
Bromofluorobenzene	102	(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 #...: C6E100230 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C6E110000-036 **Prep Batch #...:** 6131036					
Chromium	101	(85 - 115)	MCAWW 200.7	05/11-05/12/06	H45K11AL
		Dilution Factor: 1		Analysis Time..: 09:30	
Lead	102	(85 - 115)	MCAWW 200.7	05/11-05/12/06	H45K11AR
		Dilution Factor: 1		Analysis Time..: 09:30	
Cadmium	101	(85 - 115)	MCAWW 200.7	05/11-05/12/06	H45K11CD
		Dilution Factor: 1		Analysis Time..: 09:30	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C6E100230 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: H5H091AA	LCS Lot-Sample#: C6E100000-630		
	100	(99 - 101)	MCAWW 150.1	05/10/06	6130630
		Dilution Factor: 1	Analysis Time..: 21:48		
Total Suspended Solids		Work Order #: H46E81AC	LCS Lot-Sample#: C6E110000-253		
	98	(80 - 120)	MCAWW 160.2	05/11-05/12/06	6131253
		Dilution Factor: 1	Analysis Time..: 00:00		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C6E100230 **Work Order #...:** H415E1AD **Matrix.....:** WATER
MS Lot-Sample #: A6E090252-002
Date Sampled...: 05/08/06 **Date Received..:** 05/09/06
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6136611 **MS Run #.....:** 6136399
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	83 a	(90 - 115)	CFR136A 624
Methylene chloride	87	(78 - 131)	CFR136A 624
Tetrachloroethene	89	(81 - 112)	CFR136A 624
Toluene	91	(87 - 112)	CFR136A 624
1,1,1-Trichloroethane	93	(82 - 119)	CFR136A 624
Trichloroethene	90	(85 - 114)	CFR136A 624
Vinyl chloride	87	(50 - 119)	CFR136A 624
Benzene	90	(90 - 114)	CFR136A 624
Bromodichloromethane	92	(78 - 123)	CFR136A 624
Bromoform	87	(40 - 141)	CFR136A 624
Bromomethane	95	(42 - 160)	CFR136A 624
Carbon tetrachloride	94	(61 - 129)	CFR136A 624
Chlorobenzene	90	(90 - 113)	CFR136A 624
Chloroethane	95	(56 - 133)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)	CFR136A 624
Chloroform	90	(90 - 118)	CFR136A 624
Chloromethane	87	(37 - 127)	CFR136A 624
Dibromochloromethane	91	(65 - 123)	CFR136A 624
1,3-Dichlorobenzene	86 a	(90 - 111)	CFR136A 624
1,4-Dichlorobenzene	85 a	(90 - 112)	CFR136A 624
1,1-Dichloroethane	93	(90 - 114)	CFR136A 624
1,2-Dichloroethane	91	(90 - 123)	CFR136A 624
1,1-Dichloroethene	95	(83 - 129)	CFR136A 624
trans-1,2-Dichloroethene	90	(85 - 116)	CFR136A 624
1,2-Dichloropropane	92	(87 - 119)	CFR136A 624
cis-1,3-Dichloropropene	91	(77 - 115)	CFR136A 624
trans-1,3-Dichloropropene	89	(71 - 114)	CFR136A 624
Ethylbenzene	91	(88 - 111)	CFR136A 624
1,1,2,2-Tetrachloroethane	87	(77 - 133)	CFR136A 624
1,1,2-Trichloroethane	93	(89 - 123)	CFR136A 624
Trichlorofluoromethane	102	(62 - 110)	CFR136A 624

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(90 - 117)
Toluene-d8	102	(90 - 110)
Bromofluorobenzene	102	(85 - 111)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C6E100230 **Work Order #...:** H415E1AD **Matrix.....:** WATER
MS Lot-Sample #: A6E090252-002

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6E100230 **Matrix.....:** WATER
Date Sampled...: 05/09/06 **Date Received..:** 05/10/06

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C6E100135-001 **Prep Batch #...:** 6131036							
Cadmium	101	(70 - 130)			MCAWW 200.7	05/11-05/12/06	H429V1C0
	101	(70 - 130)	0.0	(0-20)	MCAWW 200.7	05/11-05/12/06	H429V1C1
		Dilution Factor: 1					
		Analysis Time..: 10:03					
		MS Run #.....: 6131031					
Chromium	102	(70 - 130)			MCAWW 200.7	05/11-05/12/06	H429V1AV
	102	(70 - 130)	0.33	(0-20)	MCAWW 200.7	05/11-05/12/06	H429V1AW
		Dilution Factor: 1					
		Analysis Time..: 10:03					
		MS Run #.....: 6131031					
Lead	102	(70 - 130)			MCAWW 200.7	05/11-05/12/06	H429V1A7
	103	(70 - 130)	1.4	(0-20)	MCAWW 200.7	05/11-05/12/06	H429V1A8
		Dilution Factor: 1					
		Analysis Time..: 10:03					
		MS Run #.....: 6131031					

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C6E100230 **Work Order #...:** H4369-SMP H4369-DUP **Matrix.....:** WATER

Date Sampled...: 05/09/06 **Date Received..:** 05/10/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #:	C6E100230-001	
	8.5	8.6	No Units	0.23	(0-2.0)	MCAWW 150.1	05/10/06	6130630

Dilution Factor: 1 Analysis Time..: 21:49 MS Run Number..: 6136443

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C6E100230 **Work Order #...:** H4371-SMP H4371-DUP **Matrix.....:** WATER

Date Sampled...: 05/09/06 **Date Received..:** 05/10/06

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C6E100234-001		
	ND	ND	mg/L	33	(0-20)	MCAWW 160.2	05/11-05/12/06	6131253
			Dilution Factor: 1			Analysis Time..: 00:00	MS Run Number..: 6131165	