CBS Corporation

Environmental Remediation
PNC Center
20 Stanwix Street, 10th Floor
Pittsburgh, PA 15222

August 17, 2010

William P. Murray, P.E.
Environmental Engineer I
New York State Department of Environmental Conservation
Division of Hazardous Waste 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. Murray:

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 status report for 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 pursuant to the Order. This report covers activities during July 2010 and transmits the discharge monitoring report for this period.

1. Site Activities and Status

A. On July 22, 2010, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for June 2010. That status report also transmitted the discharge monitoring data for June 2010.

B. The recovery and treatment system operated throughout July 2010.

C. Conestoga-Rovers & Associates (CRA) conducted routine and non-routine O&M, and TestAmerica Laboratories, Inc. provided analytical laboratory services, as required.

2. Sampling Results and Other Site Data

A. In July 2010, the groundwater system recovered and treated an estimated 111,000 gallons.[1]

B. Attachment A provides the discharge monitoring report for July 2010 based on the effluent sample collected on July 14, 2010. Attachment B provides the analytical laboratory report for this effluent sample.

C. In reviewing the treatment system effluent monitoring information, please note the following:

- Flow data are provided via periodic on-site readings. The maximum daily flow was calculated from these data.

- The pH data are provided via periodic on-site readings and laboratory analysis of the monthly effluent sample. Effluent 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 July 2010 reporting period, the effluent complied with all discharge limitations.

3. Upcoming Activities

A. CBS will continue required O&M activities.

B. CRA will continue effort to clean the effluent line from Sump 003.

C. With NYSDEC approval, CBS will complete the Phase 1 closure of the 002 system by filling and sealing manholes MH-002-09 and MH-002-10.

D. After closing MH-002-09, and MH-002-10, CRA will conduct additional water level measurements, surface water monitoring, and groundwater monitoring per the *Revised Work Plan* (Rev. 1, November 7, 2008).

[1] Based on additional information and recalculation, the estimated total discharge for June 2010 has been revised to 77,000 gallons from the 76,000 gallons as indicated in the June 2010 monthly status report.

4. Operational Problems

A. Previously reported operational problems associated with elevated pH, pH control, and hardness continue. These operational problems are expected to be largely resolved with the phased shutdown of the collection system and limitation of inflows to those associated with Sump 003.

B. Previously reported operational problems associated system inflows are lessening with the minimal flows associated with Sump 001 now that the 001 portion of the groundwater collection system has been partially closed.

C. The post-closure monitoring data indicate that the Phase 1 closure of the 001 groundwater collection system has addressed the previously observed high water levels at Sump 001, which had led to periodic overtopping of that manhole. The ongoing periodic overtopping at Sump 002 will be addressed through the partial closure of that portion of the groundwater collection system.

D. The Phase 1 closure of the 002 system is also expected to reduce the conveyance of groundwater containing volatile organic compounds via storm sewers installed by the Niagara Frontier Transportation Authority as part of airport development.

E. Other operational issues are being addressed in the course of O&M activities.

* * * *

Please contact me if you have questions regarding this status report.

Very truly yours,

Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

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

ATTACHMENT A

DISCHARGE MONITORING REPORT
JULY 2010

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

Reporting Month & Year **Jul-10**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**3,547**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**7.00**	**7.30**	**s.u.**		**6**	**Grab**
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		**< 4.0**	**mg/L**	**< 0.1**	**1**	**Grab**
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00003**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00003**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00003**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00003**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00003**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00003**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**< 0.15**	**ug/L**	**< 0.000004**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**< 5.0**	**ug/L**	**< 0.00015**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

ANALYTICAL LABORATORY REPORT
JULY 2010 EFFLUENT SAMPLING

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

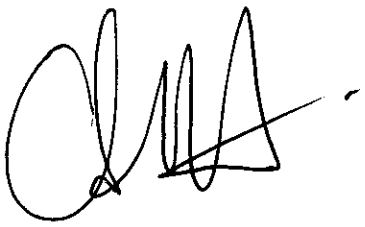
Leo Brausch Buffalo Airport

Lot #: C0G150605

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.



Carrie L. Gamber
Project Manager

July 27, 2010

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica 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	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	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
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	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: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C0G150605

Sample Receiving:
TestAmerica's Pittsburgh laboratory received one sample on July 15, 2010. 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:
TestAmerica's North Canton laboratory performed the 624 analysis. The results are included in the report.

Metals:
There were no problems associated with the analyses.

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

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES 2055 Niagara Falls Blvd Niagara Falls NY 14304	SHIPPED TO (Laboratory Name): Test America Pitts	REFERENCE NUMBER: 018036 Buffalo Airport Viacom

SAMPLER'S SIGNATURE: ______ PRINTED NAME: ______

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: 624 VOCs	pH TSS	Cd, Cu								REMARKS
	7-14-10	900am	EFF-0710	Wtr	5	3	1	1								

TOTAL NUMBER OF CONTAINERS ______ HEALTH/CHEMICAL HAZARDS ______

RELINQUISHED BY: ① [signature]	DATE: 7-14-10 TIME: 1100am	RECEIVED BY: ①	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ② [signature]	DATE: 7/15/10 TIME: 1010
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③	DATE: TIME:

METHOD OF SHIPMENT: WAY BILL No.

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

SAMPLE TEAM: [signature]

RECEIVED FOR LABORATORY BY: ______
DATE: ______ TIME: ______

Nº CRA 18977

1001 (D) APR 28/97(NF) REV. 0 (F-15)

METHODS SUMMARY

C0G150605

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
pH (Electrometric)	SM20 4500-H+B	SM20 4500-H B
Purgeables	CFR136A 624	SW846 5030B
Total Suspended Solids SM 2540 D	SM20 2540D	SM20 2540D
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.

SM20 "STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER", 20TH EDITION."

SAMPLE SUMMARY

C0G150605

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L385T	001	EFF0710	07/14/10	09:00

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.

Leo Brausch Consulting

Client Sample ID: EFF0710

GC/MS Volatiles

Lot-Sample #...: C0G150605-001 **Work Order #...:** L385T1AD **Matrix.....:** WATER
Date Sampled...: 07/14/10 **Date Received..:** 07/15/10 **MS Run #.....:** 0202223
Prep Date.....: 07/21/10 **Analysis Date..:** 07/21/10
Prep Batch #...: 0202468 **Analysis Time..:** 05:02
Dilution Factor: 1

Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.33
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
Trichloroethene	ND	1.0	ug/L	0.17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(80 - 125)
Toluene-d8	100	(84 - 110)
Bromofluorobenzene	90	(81 - 112)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C0G150605 **Work Order #...:** L4HQE1AA **Matrix.....:** WATER
MB Lot-Sample #: A0G210000-468
Prep Date.....: 07/20/10 **Analysis Time..:** 18:58
Analysis Date..: 07/20/10 **Prep Batch #...:** 0202468
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(80 - 125)
Toluene-d8	101	(84 - 110)
Bromofluorobenzene	91	(81 - 112)

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 #...: C0G150605 **Work Order #...:** L4HQE1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0G210000-468 L4HQE1AD-LCSD
Prep Date.....: 07/20/10 **Analysis Date..:** 07/20/10
Prep Batch #...: 0202468 **Analysis Time..:** 18:09
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	102	(18 - 190)			CFR136A 624
	101	(18 - 190)	0.69	(0-30)	CFR136A 624
Methylene chloride	73	(10 - 221)			CFR136A 624
	72	(10 - 221)	1.6	(0-30)	CFR136A 624
Tetrachloroethene	115	(64 - 148)			CFR136A 624
	112	(64 - 148)	2.6	(0-30)	CFR136A 624
Toluene	102	(47 - 150)			CFR136A 624
	102	(47 - 150)	0.60	(0-30)	CFR136A 624
Trichloroethene	111	(71 - 157)			CFR136A 624
	113	(71 - 157)	1.3	(0-30)	CFR136A 624
Benzene	99	(37 - 151)			CFR136A 624
	100	(37 - 151)	0.54	(0-30)	CFR136A 624
Bromodichloromethane	112	(35 - 155)			CFR136A 624
	111	(35 - 155)	0.58	(0-30)	CFR136A 624
Bromoform	93	(45 - 169)			CFR136A 624
	88	(45 - 169)	5.2	(0-30)	CFR136A 624
Bromomethane	57	(10 - 242)			CFR136A 624
	57	(10 - 242)	0.99	(0-30)	CFR136A 624
Carbon tetrachloride	115	(70 - 140)			CFR136A 624
	113	(70 - 140)	1.7	(0-30)	CFR136A 624
Chlorobenzene	101	(37 - 160)			CFR136A 624
	99	(37 - 160)	1.7	(0-30)	CFR136A 624
Chloroethane	57	(14 - 230)			CFR136A 624
	57	(14 - 230)	0.48	(0-30)	CFR136A 624
2-Chloroethyl vinyl ether	60	(10 - 305)			CFR136A 624
	57	(10 - 305)	4.9	(0-30)	CFR136A 624
Chloroform	105	(51 - 138)			CFR136A 624
	103	(51 - 138)	1.7	(0-30)	CFR136A 624
Chloromethane	66	(10 - 273)			CFR136A 624
	67	(10 - 273)	1.6	(0-30)	CFR136A 624
Dibromochloromethane	95	(53 - 149)			CFR136A 624
	92	(53 - 149)	2.6	(0-30)	CFR136A 624
1,3-Dichlorobenzene	104	(59 - 156)			CFR136A 624
	103	(59 - 156)	1.3	(0-30)	CFR136A 624
1,4-Dichlorobenzene	101	(18 - 190)			CFR136A 624
	100	(18 - 190)	0.59	(0-30)	CFR136A 624
1,1-Dichloroethane	104	(59 - 155)			CFR136A 624
	103	(59 - 155)	1.1	(0-30)	CFR136A 624
1,2-Dichloroethane	94	(49 - 155)			CFR136A 624
	93	(49 - 155)	0.97	(0-30)	CFR136A 624

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0G150605 **Work Order #...:** L4HQE1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0G210000-468 L4HQE1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**89**	**(10 - 234)**			**CFR136A 624**
	87	**(10 - 234)**	**2.3**	**(0-30)**	**CFR136A 624**
trans-1,2-Dichloroethene	**93**	**(54 - 156)**			**CFR136A 624**
	92	**(54 - 156)**	**1.8**	**(0-30)**	**CFR136A 624**
1,2-Dichloropropane	**98**	**(10 - 210)**			**CFR136A 624**
	98	**(10 - 210)**	**0.39**	**(0-30)**	**CFR136A 624**
cis-1,3-Dichloropropene	**93**	**(10 - 227)**			**CFR136A 624**
	92	**(10 - 227)**	**1.7**	**(0-30)**	**CFR136A 624**
trans-1,3-Dichloropropene	**83**	**(17 - 183)**			**CFR136A 624**
	82	**(17 - 183)**	**1.6**	**(0-30)**	**CFR136A 624**
Ethylbenzene	**99**	**(37 - 162)**			**CFR136A 624**
	97	**(37 - 162)**	**1.9**	**(0-30)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**82**	**(46 - 157)**			**CFR136A 624**
	82	**(46 - 157)**	**0.67**	**(0-30)**	**CFR136A 624**
1,1,1-Trichloroethane	**108**	**(52 - 162)**			**CFR136A 624**
	107	**(52 - 162)**	**0.74**	**(0-30)**	**CFR136A 624**
1,1,2-Trichloroethane	**95**	**(52 - 150)**			**CFR136A 624**
	91	**(52 - 150)**	**4.5**	**(0-30)**	**CFR136A 624**
Trichlorofluoromethane	**85**	**(17 - 181)**			**CFR136A 624**
	84	**(17 - 181)**	**1.3**	**(0-30)**	**CFR136A 624**
Vinyl chloride	**67**	**(10 - 251)**			**CFR136A 624**
	65	**(10 - 251)**	**3.3**	**(0-30)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(80 - 125)
	102	(80 - 125)
Toluene-d8	104	(84 - 110)
	104	(84 - 110)
Bromofluorobenzene	98	(81 - 112)
	96	(81 - 112)

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

GC/MS Volatiles

Client Lot #...: C0G150605 **Work Order #...:** L38AE1AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: A0G150489-002 L38AE1AK-MSD
Date Sampled...: 07/12/10 **Date Received..:** 07/15/10 **MS Run #.....:** 0202223
Prep Date.....: 07/21/10 **Analysis Date..:** 07/21/10
Prep Batch #...: 0202468 **Analysis Time..:** 02:12
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	99	(90 - 115)			CFR136A 624
	100	(90 - 115)	0.91	(0-30)	CFR136A 624
Methylene chloride	70 a	(78 - 131)			CFR136A 624
	68 a	(78 - 131)	2.6	(0-30)	CFR136A 624
Tetrachloroethene	112	(81 - 112)			CFR136A 624
	111	(81 - 112)	0.65	(0-30)	CFR136A 624
Toluene	103	(87 - 112)			CFR136A 624
	102	(87 - 112)	1.2	(0-30)	CFR136A 624
Trichloroethene	110	(85 - 114)			CFR136A 624
	107	(85 - 114)	1.9	(0-30)	CFR136A 624
Benzene	101	(90 - 114)			CFR136A 624
	99	(90 - 114)	2.0	(0-30)	CFR136A 624
Bromodichloromethane	100	(78 - 123)			CFR136A 624
	101	(78 - 123)	1.8	(0-30)	CFR136A 624
Bromoform	71	(40 - 141)			CFR136A 624
	72	(40 - 141)	1.9	(0-30)	CFR136A 624
Bromomethane	59	(42 - 160)			CFR136A 624
	58	(42 - 160)	3.1	(0-30)	CFR136A 624
Carbon tetrachloride	96	(61 - 129)			CFR136A 624
	97	(61 - 129)	0.66	(0-30)	CFR136A 624
Chlorobenzene	101	(90 - 113)			CFR136A 624
	99	(90 - 113)	1.6	(0-30)	CFR136A 624
Chloroethane	58	(56 - 133)			CFR136A 624
	60	(56 - 133)	2.4	(0-30)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)			CFR136A 624
	0.0 a	(10 - 185)	0.0	(0-30)	CFR136A 624
Chloroform	90	(90 - 118)			CFR136A 624
	88 a	(90 - 118)	0.49	(0-30)	CFR136A 624
Chloromethane	65	(37 - 127)			CFR136A 624
	64	(37 - 127)	1.1	(0-30)	CFR136A 624
Dibromochloromethane	75	(65 - 123)			CFR136A 624
	78	(65 - 123)	3.3	(0-30)	CFR136A 624
1,3-Dichlorobenzene	101	(90 - 111)			CFR136A 624
	99	(90 - 111)	2.4	(0-30)	CFR136A 624
1,4-Dichlorobenzene	98	(90 - 112)			CFR136A 624
	97	(90 - 112)	0.07	(0-30)	CFR136A 624
1,1-Dichloroethane	106	(90 - 114)			CFR136A 624
	104	(90 - 114)	1.3	(0-30)	CFR136A 624
1,2-Dichloroethane	97	(90 - 123)			CFR136A 624
	94	(90 - 123)	3.2	(0-30)	CFR136A 624

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0G150605 **Work Order #...:** L38AE1AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: A0G150489-002 L38AE1AK-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**88**	**(83 - 129)**			**CFR136A 624**
	86	**(83 - 129)**	**1.7**	**(0-30)**	**CFR136A 624**
trans-1,2-Dichloroethene	**95**	**(85 - 116)**			**CFR136A 624**
	93	**(85 - 116)**	**1.4**	**(0-30)**	**CFR136A 624**
1,2-Dichloropropane	**99**	**(87 - 119)**			**CFR136A 624**
	98	**(87 - 119)**	**1.4**	**(0-30)**	**CFR136A 624**
cis-1,3-Dichloropropene	**77**	**(77 - 115)**			**CFR136A 624**
	79	**(77 - 115)**	**1.6**	**(0-30)**	**CFR136A 624**
trans-1,3-Dichloropropene	**63 a**	**(71 - 114)**			**CFR136A 624**
	66 a	**(71 - 114)**	**5.2**	**(0-30)**	**CFR136A 624**
Ethylbenzene	**97**	**(88 - 111)**			**CFR136A 624**
	95	**(88 - 111)**	**2.0**	**(0-30)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**79**	**(77 - 133)**			**CFR136A 624**
	80	**(77 - 133)**	**1.6**	**(0-30)**	**CFR136A 624**
1,1,1-Trichloroethane	**97**	**(82 - 119)**			**CFR136A 624**
	103	**(82 - 119)**	**5.5**	**(0-30)**	**CFR136A 624**
1,1,2-Trichloroethane	**93**	**(89 - 123)**			**CFR136A 624**
	91	**(89 - 123)**	**3.0**	**(0-30)**	**CFR136A 624**
Trichlorofluoromethane	**83**	**(62 - 110)**			**CFR136A 624**
	81	**(62 - 110)**	**2.4**	**(0-30)**	**CFR136A 624**
Vinyl chloride	**66**	**(50 - 119)**			**CFR136A 624**
	66	**(50 - 119)**	**0.32**	**(0-30)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(80 - 125)
	105	(80 - 125)
Toluene-d8	105	(84 - 110)
	104	(84 - 110)
Bromofluorobenzene	96	(81 - 112)
	98	(81 - 112)

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

GC/MS Volatiles

Client Lot #...: C0G150605 **Work Order #...:** L38FJ1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: A0G150509-001 L38FJ1AE-MSD
Date Sampled...: 07/13/10 **Date Received..:** 07/15/10 **MS Run #.....:** 0202223
Prep Date.....: 07/21/10 **Analysis Date..:** 07/21/10
Prep Batch #...: 0202468 **Analysis Time..:** 03:25
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	102	(90 - 115)			CFR136A 624
	101	(90 - 115)	1.0	(0-30)	CFR136A 624
Methylene chloride	71 a	(78 - 131)			CFR136A 624
	70 a	(78 - 131)	0.94	(0-30)	CFR136A 624
Tetrachloroethene	114 a	(81 - 112)			CFR136A 624
	113 a	(81 - 112)	0.43	(0-30)	CFR136A 624
Toluene	102	(87 - 112)			CFR136A 624
	101	(87 - 112)	0.48	(0-30)	CFR136A 624
Trichloroethene	111	(85 - 114)			CFR136A 624
	111	(85 - 114)	0.09	(0-30)	CFR136A 624
Benzene	100	(90 - 114)			CFR136A 624
	101	(90 - 114)	0.99	(0-30)	CFR136A 624
Bromodichloromethane	100	(78 - 123)			CFR136A 624
	104	(78 - 123)	4.2	(0-30)	CFR136A 624
Bromoform	76	(40 - 141)			CFR136A 624
	76	(40 - 141)	0.32	(0-30)	CFR136A 624
Bromomethane	56	(42 - 160)			CFR136A 624
	58	(42 - 160)	4.0	(0-30)	CFR136A 624
Carbon tetrachloride	97	(61 - 129)			CFR136A 624
	100	(61 - 129)	2.3	(0-30)	CFR136A 624
Chlorobenzene	102	(90 - 113)			CFR136A 624
	100	(90 - 113)	1.4	(0-30)	CFR136A 624
Chloroethane	58	(56 - 133)			CFR136A 624
	59	(56 - 133)	0.90	(0-30)	CFR136A 624
2-Chloroethyl vinyl ether	0.0 a	(10 - 185)			CFR136A 624
	0.0 a	(10 - 185)	0.0	(0-30)	CFR136A 624
Chloroform	106	(90 - 118)			CFR136A 624
	105	(90 - 118)	0.42	(0-30)	CFR136A 624
Chloromethane	67	(37 - 127)			CFR136A 624
	66	(37 - 127)	1.6	(0-30)	CFR136A 624
Dibromochloromethane	81	(65 - 123)			CFR136A 624
	83	(65 - 123)	2.2	(0-30)	CFR136A 624
1,3-Dichlorobenzene	104	(90 - 111)			CFR136A 624
	102	(90 - 111)	1.7	(0-30)	CFR136A 624
1,4-Dichlorobenzene	102	(90 - 112)			CFR136A 624
	99	(90 - 112)	2.5	(0-30)	CFR136A 624
1,1-Dichloroethane	106	(90 - 114)			CFR136A 624
	104	(90 - 114)	1.6	(0-30)	CFR136A 624
1,2-Dichloroethane	96	(90 - 123)			CFR136A 624
	96	(90 - 123)	0.26	(0-30)	CFR136A 624

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C0G150605 **Work Order #...:** L38FJ1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: A0G150509-001 L38FJ1AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**85**	**(83 - 129)**			**CFR136A 624**
	84	**(83 - 129)**	**1.3**	**(0-30)**	**CFR136A 624**
trans-1,2-Dichloroethene	**91**	**(85 - 116)**			**CFR136A 624**
	93	**(85 - 116)**	**2.1**	**(0-30)**	**CFR136A 624**
1,2-Dichloropropane	**99**	**(87 - 119)**			**CFR136A 624**
	99	**(87 - 119)**	**0.24**	**(0-30)**	**CFR136A 624**
cis-1,3-Dichloropropene	**80**	**(77 - 115)**			**CFR136A 624**
	83	**(77 - 115)**	**3.6**	**(0-30)**	**CFR136A 624**
trans-1,3-Dichloropropene	**69 a**	**(71 - 114)**			**CFR136A 624**
	71	**(71 - 114)**	**2.3**	**(0-30)**	**CFR136A 624**
Ethylbenzene	**96**	**(88 - 111)**			**CFR136A 624**
	96	**(88 - 111)**	**0.05**	**(0-30)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**85**	**(77 - 133)**			**CFR136A 624**
	81	**(77 - 133)**	**5.6**	**(0-30)**	**CFR136A 624**
1,1,1-Trichloroethane	**103**	**(82 - 119)**			**CFR136A 624**
	104	**(82 - 119)**	**1.5**	**(0-30)**	**CFR136A 624**
1,1,2-Trichloroethane	**96**	**(89 - 123)**			**CFR136A 624**
	91	**(89 - 123)**	**4.6**	**(0-30)**	**CFR136A 624**
Trichlorofluoromethane	**81**	**(62 - 110)**			**CFR136A 624**
	79	**(62 - 110)**	**2.5**	**(0-30)**	**CFR136A 624**
Vinyl chloride	**68**	**(50 - 119)**			**CFR136A 624**
	67	**(50 - 119)**	**1.8**	**(0-30)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(80 - 125)
	104	(80 - 125)
Toluene-d8	104	(84 - 110)
	103	(84 - 110)
Bromofluorobenzene	98	(81 - 112)
	97	(81 - 112)

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.

Leo Brausch Consulting

Client Sample ID: EFF0710

TOTAL Metals

Lot-Sample #...: C0G150605-001 **Matrix.....:** WATER
Date Sampled...: 07/14/10 **Date Received..:** 07/15/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0197216						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	07/16-07/20/10	L385T1AA
		Dilution Factor: 1		Analysis Time..: 11:48	MS Run #.....: 0197127	
		MDL.....: 0.15				
Chromium	ND	5.0	ug/L	MCAWW 200.7	07/16-07/20/10	L385T1AC
		Dilution Factor: 1		Analysis Time..: 11:48	MS Run #.....: 0197127	
		MDL.....: 0.51				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C0G150605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0G160000-216 **Prep Batch #...:** 0197216						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	07/16-07/20/10	L39061AT
		Dilution Factor: 1				
		Analysis Time..: 11:37				
Chromium	ND	5.0	ug/L	MCAWW 200.7	07/16-07/20/10	L39061AU
		Dilution Factor: 1				
		Analysis Time..: 11:37				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0G150605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0G160000-216 **Prep Batch #...:** 0197216					
Cadmium	100	(85 - 115)	MCAWW 200.7	07/16-07/20/10	L39061A5
		Dilution Factor: 1	Analysis Time..: 11:42		
Chromium	99	(85 - 115)	MCAWW 200.7	07/16-07/20/10	L39061A6
		Dilution Factor: 1	Analysis Time..: 11:42		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C0G150605 **Matrix.....:** WATER
Date Sampled...: 07/14/10 **Date Received..:** 07/15/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C0G150599-001 **Prep Batch #...:** 0197216							
Cadmium	98	(70 - 130)			MCAWW 200.7	07/16-07/20/10	L382R1CD
	98	(70 - 130)	0.34	(0-20)	MCAWW 200.7	07/16-07/20/10	L382R1CE
		Dilution Factor: 1					
		Analysis Time..: 12:10					
		MS Run #.....: 0197127					
Chromium	98	(70 - 130)			MCAWW 200.7	07/16-07/20/10	L382R1CG
	97	(70 - 130)	0.88	(0-20)	MCAWW 200.7	07/16-07/20/10	L382R1CH
		Dilution Factor: 1					
		Analysis Time..: 12:10					
		MS Run #.....: 0197127					

NOTE(S):

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

Leo Brausch Consulting

Client Sample ID: EFF0710

General Chemistry

Lot-Sample #...: C0G150605-001 **Work Order #...:** L385T **Matrix.....:** WATER
Date Sampled...: 07/14/10 **Date Received..:** 07/15/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.0**	--	--	**SM20 4500-H+B**	**07/16/10**	**0197302**
		Dilution Factor: 1		Analysis Time..: 16:04	MS Run #.....: 0197183	
		MDL.....: 0.0				
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	07/19-07/20/10	0200109
		Dilution Factor: 1		Analysis Time..: 09:45	MS Run #.....: 0200075	
		MDL.....: 2.0				

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C0G150605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: L4C461AA		MB Lot-Sample #:	C0G190000-109	
	ND	4.0	mg/L	SM20 2540D	07/19-07/20/10	0200109
		Dilution Factor: 1				
		Analysis Time..: 09:45				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C0G150605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: L4AGV1AA	LCS Lot-Sample#: C0G160000-302		
	100	(99 - 101)	SM20 4500-H+B	07/16/10	0197302
		Dilution Factor: 1	Analysis Time..: 16:04		
Total Suspended Solids		Work Order #: L4C461AC	LCS Lot-Sample#: C0G190000-109		
	107	(80 - 120)	SM20 2540D	07/19-07/20/10	0200109
		Dilution Factor: 1	Analysis Time..: 09:45		

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0G150605 **Work Order #...:** L385T-SMP L385T-DUP **Matrix.....:** WATER

Date Sampled...: 07/14/10 **Date Received..:** 07/15/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C0G150605-001		
	7.0	7.0	--	0.29	(0-2.0)	SM20 4500-H+B	07/16/10	0197302

Dilution Factor: 1 Analysis Time..: 16:04 MS Run Number..: 0197183

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C0G150605 **Work Order #...:** L37V4-SMP **Matrix.....:** WATER
L37V4-DUP
Date Sampled...: 07/14/10 **Date Received..:** 07/15/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C0G150436-007		
	66.0	69.0	mg/L	4.4	(0-20)	SM20 2540D	07/19-07/20/10	0200109

Dilution Factor: 1 Analysis Time..: 09:45 MS Run Number..: 0200075