



CBS Corporation

Environmental Remediation
11 Stanwix Street
Pittsburgh, PA 15222

May 16, 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

RECEIVED

MAY 19 2006

NYSDEC REG 9
FOR
✓ NYSDEC OFFICE

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

1. Site Activities and Status

- A. On April 9, 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 March 2006 operating period. That status report also transmitted the discharge monitoring data for March 2006.
- B. The recovery and treatment system operated throughout the April 2006 reporting period.

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.

- C. Conestoga-Rovers & Associates (CRA) conducted routine O&M on behalf of Viacom.
- D. Severn Trent Laboratory in Pittsburgh, Pennsylvania (STL) completed the analysis of the quarterly sample from well MW-32, which CRA had collected on March 23, 2006, and the monthly treatment system influent sample collected on April 6, 2006.

2. Sampling Results and Other Site Data

- A. In April 2006, the groundwater system recovered an estimated 459,000 gallons.
- B. Attachment A provides the discharge monitoring report for April 2006 based on the effluent sample collected on April 6, 2006. Attachment B provides the analytical laboratory report for the effluent samples collected on April 6, 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 April 2006 reporting period the effluent complied with all discharge limitations.
- E. Table 1 presents a summary of monitoring data from well MW-32, including those from the sample collected on March 23, 2006. Attachment C provides the analytical laboratory report for this most-recent sample.
- F. Table 2 summarizes data pertinent to the evaluation of the effects of in situ oxidation treatment on the target volatile organic compound (VOC) concentrations at MW-32, and Figure 1 presents these data graphically. As shown in Table 2 and Figure 1, the VOC concentrations at MW-32 decreased

by about 74 percent following the October 2004 in situ oxidation treatment, and these VOC concentrations have not rebounded. The most-recent groundwater sample at MW-32 continues to suggest a downward trend, with a total target VOC concentration of approximately 87 percent lower than pre-treatment (September 2004) levels.

3. Upcoming Activities

- A. CBS will continue its reviews with the Niagara Frontier Transportation Authority (NFTA) regarding the potential disposition of the Flying Tigers Restaurant and coordinate with NYSDEC counsel on this matter.
- B. CRA will continue routine operation of the recovery and treatment system until NYSDEC concurs that the operation of this system can be terminated.
- C. As needed, Encotech, Inc. will conduct supplemental maintenance of the treatment facility focused on issues related to system sustainability and treatment efficiency.
- D. CBS and CRA personnel will sample selected manholes to assess flow conditions and constituent concentrations within the various portions of the collection piping system.² These data will be used to evaluate which portion(s) of the collection system do not contribute elevated constituent concentrations to the system influent and could be disconnected from the other recovery piping network.

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 continues to exceed the routine withdrawal rate from the three collector sumps. This imbalance is caused, in part, by downtime for sump pump maintenance due to clogging with precipitate. It is also suspected that surface water inflows continue to occur.

² This sampling was completed during the week of May 7, 2006.

David S. Szymanski
May 16, 2006
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We trust this submittal satisfies your requirements at this time. If you have questions regarding this status report, please contact me.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Leo M. Brausch', with a long horizontal flourish extending to the right.

Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

cc: J. Crua, NYSDOH
K. P. Lynch, CRA
K. Minkel, NFTA

TABLES

Table 1
Summary of Groundwater Monitoring Data, Well MW-32
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
05/11/00	1,500	5 U	5 U	3,700	540	1.0 U	3.0 U
12/01/00	2,200	5 U	5 U	1,200	110	1.0 U	10 U
12/01/00 (Dup)	2,300	10 U	10 U	1,900	230 J	NA	NA
03/30/01	1,600	100 U	100 U	650	340	0.41 U	2.47 U
03/30/01 (Dup)	1,500	100 U	100 U	610	310	0.41 U	2.47 U
06/21/01	2,800	250 U	250 U	4,100	890	0.85 U	1.21 U
06/21/01 (Dup)	2,700	250 U	250 U	4,000	830	0.85 U	1.21 U
09/13/01	4,000	250 U	250 U	2,900	1,000	0.70 B	2.1 U
09/13/01 (Dup)	4,100	250 U	250 U	2,800	1,100	0.83 B	2.8 U
12/13/01	2,300	200 U	200 U	2,500	590	0.44 U	3.7 U
12/31/01 (Dup)	2,200	200 U	200 U	2,400	560	0.44 U	2.0 U
03/14/02	560	250 U	250 U	730	98	0.17 U	2.03 U
03/14/02 (Dup)	570	250 U	250 U	710	100	0.17 U	2.03 U
07/10/02	1,200	NA	NA	2,000	190	NA	NA
12/31/02	480	NA	50 U	530	66	0.34 B	4.9
12/31/02 (Dup)	510	NA	50 U	580	77	0.29 U	4.7
03/29/03	1,000	80 U	80 U	740	150	5.0 U	3.0 U
06/17/03	1,100	200 U	200 U	2,400	130 J	0.34 B	4.9
06/17/03 (Dup)	1,100	100 U	100 U	1,700	110	5.0 U	3.0 U
09/26/03	2,800	100 U	100 U	8,100	310 J	5.0 U	3.0 U
12/22/03	1,000	100 U	100 U	1,300	97 J	0.38 U	1.1 B
03/29/04	460	10 U	10 U	570	20 J	0.37 U	1.4 U
06/30/04	620	200 U	200 U	1,900	200 U	0.29 U	1.5 U
09/13/04	2,100	200 U	200 U	2,900	130 J	5.0 U	1.8 B
12/17/04	640	10 U	10 U	420	45	5.0 U	3.0 U
12/17/04 (Dup)	760	50 U	50 U	790	50 J	5.0 U	2.3 B
03/31/05	570	50 U	50 U	680	49 J	5.0 U	3.0 U

Table 1
Summary of Groundwater Monitoring Data, Well MW-32
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
06/22/05	540	10 U	10 U	810	100	5.0 U	3.0 U
06/22/05 (Dup)	1,100	100 U	100 U	880	140	5.0 U	3.0 U
09/09/05	1,400	330 U	330 U	1,700	96 J	5.0 U	3.0 U
12/14/05	900	10 U	10 U	700	56	5.0 U	3.0 U
12/14/05 (Dup)	1,200	100 U	100 U	750	68 J	5.0 U	3.0 U
03/23/06	350	30 U	30 U	290	36	5.0 U	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

Inorganic data qualifiers:

U - not detected at indicated detection limit

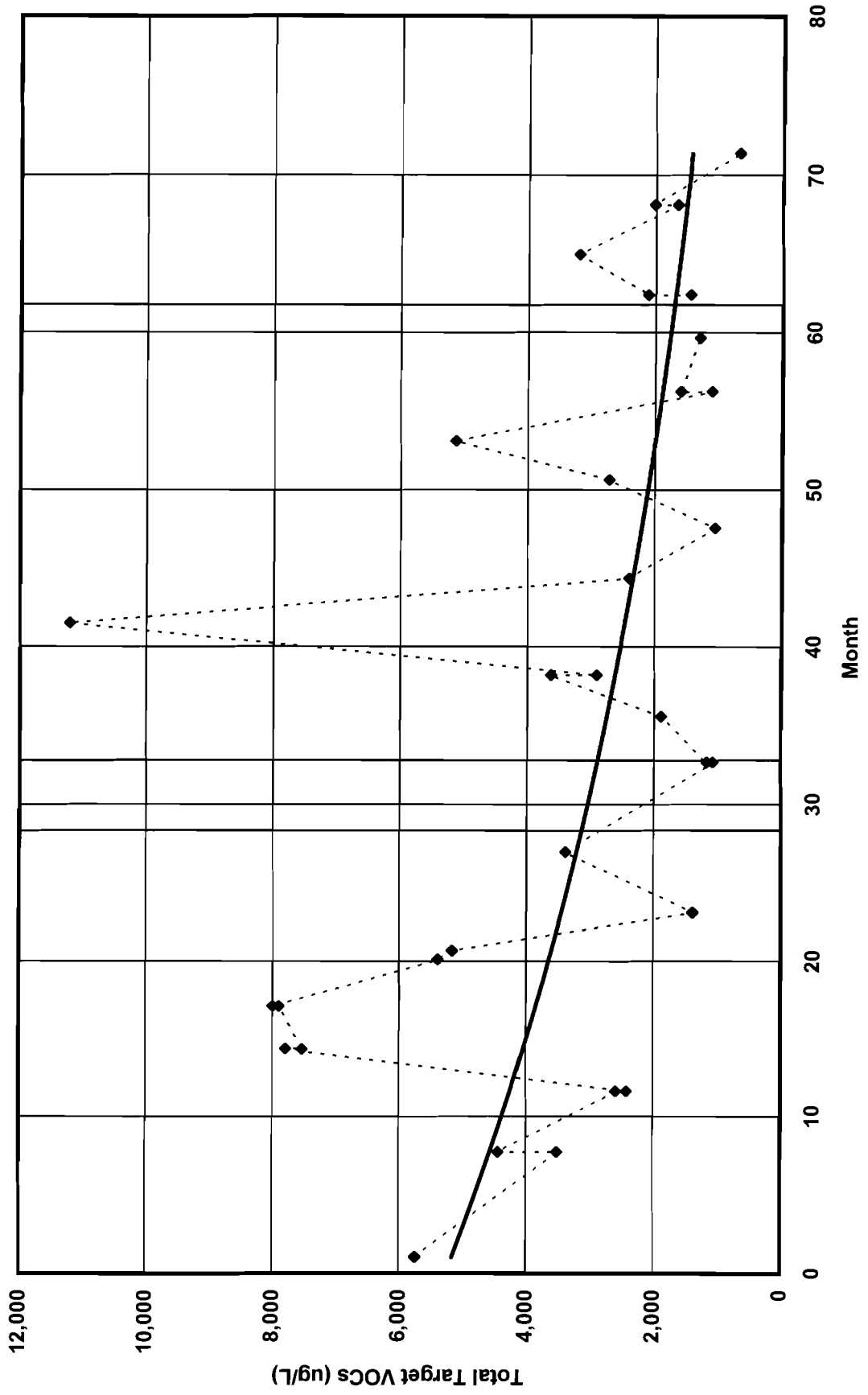
B - detected concentration below contract required detection limit but above instrument detection limit.

Table 2
Evaluation of In Situ Oxidation Treatment
Well MW-32, Area P
NYSDEC Site No. 9-15-066, Cheektowaga, New York

Treatment Number	Date of Treatment	Total Target VOC Concentration (ug/L)		
		Date	Description	Value
1	05/31/02	03/14/02	Pre-Treatment	1,384
		07/10/02	1st Post-Treatment	3,390
2	08/28/02	07/10/02	Pre-Treatment	3,390
		12/31/02	1st Post-Treatment	1,122
		03/29/03	2nd Post-Treatment	1,890
		06/17/03	3rd Post-Treatment	3,270
3	10/27/04	09/13/04	Pre-Treatment	5,130
		12/17/04	1st Post-Treatment	1,353
		03/31/05	2nd Post-Treatment	1,299
		06/22/05	3rd Post-Treatment	1,785
		09/09/05	4th Post-Treatment	3,196
		12/14/05	5th Post-Treatment	1,837
		03/23/06	6th Post-Treatment	676

FIGURE

Figure 1: Total Target VOCs at MW-32



ATTACHMENT A
DISCHARGE MONITORING REPORT
APRIL 2006

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

Reporting Month & Year Apr-06

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result Discharge Limitation		22,065 28,800	gpd gpd		Continuous Continuous	Meter Meter
pH	Monitoring Result Discharge Limitation	7.13 6.5	7.34 8.5	s.u. s.u.		8 Weekly	Grab Grab
Total suspended solids	Monitoring Result Discharge Limitation		< 4.0 20	mg/L mg/L	< 0.74	1 Monthly	Grab Grab
Toluene	Monitoring Result Discharge Limitation		< 1.0 5	ug/L ug/L	< 0.00018	1 Monthly	Grab Grab
Methylene chloride	Monitoring Result Discharge Limitation		< 1.0 10	ug/L ug/L	< 0.00018	1 Monthly	Grab Grab
1,2-dichlorobenzene	Monitoring Result Discharge Limitation		< 1.0 5	ug/L ug/L	< 0.00018	1 Monthly	Grab Grab
cis-1,2-dichloroethylene	Monitoring Result Discharge Limitation		3.7 10	ug/L ug/L	0.00068	1 Monthly	Grab Grab
Trichloroethylene	Monitoring Result Discharge Limitation		< 1.0 10	ug/L ug/L	< 0.00018	1 Monthly	Grab Grab
Tetrachloroethylene	Monitoring Result Discharge Limitation		< 1.0 50	ug/L ug/L	< 0.00018	1 Monthly	Grab Grab
Cadmium	Monitoring Result Discharge Limitation		0.95 3	ug/L ug/L	0.000175	1 Monthly	Grab Grab
Chromium	Monitoring Result Discharge Limitation		3.9 99	ug/L ug/L	0.00072	1 Monthly	Grab Grab

ATTACHMENT B
LABORATORY ANALYSIS REPORT
APRIL 2006 EFFLUENT SAMPLE



STL[®]

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ANALYTICAL REPORT

PROJECT NO. VIACOM

Viacom Buffalo Airport

Lot #: C6D070112

Leo Brausch

Leo Brausch Consulting

SEVERN TRENT LABORATORIES, INC.


Carrie L. Gamber
Project Manager

April 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.

State/Program	NA	Program Types	STL Pittsburgh
NFESC	NA	NAVY	X
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW	X
		HW	X
California - nelac	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida - nelac	(#E87660)	WW	X
		HW	X
Illinois - nelac	(#200005)	WW	X
		HW	X
Kansas - nelac	(#E-10350)	WW	X
		HW	X
Louisiana - nelac	(#93200)	WW	X
		HW	X
New Hampshire - nelac	(#203002)	WW	X
		-	-
New Jersey - nelac	(PA-005)	WW	X
		HW	X
New York - nelac	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
North Dakota	R-075	WW	X
		HW	X
Ohio Vap	(#CL0063)	WW	X
		HW	X
Pennsylvania - nelac	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014001)	WW	X
		HW	X
Utah - nelac	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

- HW Hazardous Waste certification
- WW Non-potable Water and/or Wastewater certification
- X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

CASE NARRATIVE

Leo Brausch Consulting
Viacom
Buffalo Airport

STL Lot # C6D070112

Sample Receiving:

STL Pittsburgh received one sample on April 7, 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:

All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

Metals:

There were no problems associated with the analysis.

General Chemistry:

The sample was analyzed outside of the 24-hour holding time for pH.

METHODS SUMMARY

C6D070112

<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

C6D070112

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT</u>	<u>SAMPLE ID</u>	<u>SAMPLED</u>	<u>SAMP</u>
				<u>DATE</u>	<u>TIME</u>
H2RQ3	001	EFF		04/06/06	11:30

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: KFF

GC/MS Volatiles

Lot-Sample #....: C6D070112-001 Work Order #....: H2RQ31AA Matrix.....: WATER
Date Sampled...: 04/05/06 Date Received...: 04/07/06 MS Run #.....: 6102003
Prep Date.....: 04/11/06 Analysis Date...: 04/11/06
Prep Batch #....: 6101081 Analysis Time...: 16:19
Dilution Factor: 1
Method.....: CFR136A 624

<u>PARAMETER</u>	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
cis-1,2-Dichloroethene	3.7	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	99	(70 - 118)
1,2-Dichloroethane-d4	99	(64 - 135)
Toluene-d8	87	(71 - 118)
Dibromofluoromethane	99	(64 - 128)

Leo Brausch Consulting

Client Sample ID: EFF

TOTAL Metals

Lot-Sample #....: C6D070112-001
Date Sampled....: 04/06/06

Date Received...: 04/07/06

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>
Prep Batch #....: 6100068						
Cadmium	0.95 B	5.0	ug/L	MCAWW 200.7	04/10-04/11/06	H2RQ31AC
		Dilution Factor: 1		Analysis Time...: 11:24	MS Run #.....: 6100036	
		MDL.....: 0.31				
Chromium	3.9 B	5.0	ug/L	MCAWW 200.7	04/10-04/11/06	H2RQ31AD
		Dilution Factor: 1		Analysis Time...: 11:24	MS Run #.....: 6100036	
		MDL.....: 0.80				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: KFF

General Chemistry

Lot-Sample #...: C6D070112-001
Date Sampled...: 04/06/06

Work Order #...: H2RQ3
Date Received...: 04/07/06

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	7.2	--	No Units	MCAWW 150.1	04/07/06	6097223
			Dilution Factor: 1	Analysis Time...: 11:51	MS Run #.....: 6097129	
			MDL.....: --			
Total Suspended Solids	ND	4.0	mg/L	MCAWW 160.2	04/10-04/11/06	6100099
			Dilution Factor: 1	Analysis Time...: 00:00	MS Run #.....: 6100068	
			MDL.....: 3.4			

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6D070112
 MB Lot-Sample #: C6D110000-081
 Analysis Date...: 04/11/06
 Dilution Factor: 1

Work Order #...: H20Q21AA
 Prep Date.....: 04/11/06
 Prep Batch #...: 6101081

Matrix.....: WATER
 Analysis Time...: 09:40

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
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	87	(70 - 118)
1,2-Dichloroethane-d4	74	(64 - 135)
Toluene-d8	88	(71 - 118)
Dibromofluoromethane	82	(64 - 128)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6D070112

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 #: C6D100000-068 Prep Batch #...: 6100068						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/10-04/11/06	H2W6D1AD
		Dilution Factor: 1				
		Analysis Time...: 11:13				
Chromium	ND	5.0	ug/L	MCAWW 200.7	04/10-04/11/06	H2W6D1AE
		Dilution Factor: 1				
		Analysis Time...: 11:13				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #....: C6D070112

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	04/10-04/11/06	6100099
		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 #...: C6D070112 Work Order #...: H20Q21AC Matrix.....: WATER
 LCS Lot-Sample#: C6D110000-081
 Prep Date.....: 04/11/06 Analysis Date...: 04/11/06
 Prep Batch #...: 6101081 Analysis Time...: 08:40
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,2-Dichlorobenzene	95	(63 - 137)	CFR136A 624
Benzene	91	(64 - 136)	CFR136A 624
Bromodichloromethane	98	(65 - 135)	CFR136A 624
Bromoform	115	(71 - 129)	CFR136A 624
Bromomethane	75	(14 - 186)	CFR136A 624
Carbon tetrachloride	101	(73 - 127)	CFR136A 624
Chloroethane	74	(38 - 162)	CFR136A 624
Chloroform	86	(67 - 133)	CFR136A 624
Chloromethane	85	(1.0- 204)	CFR136A 624
1,1-Dichloroethene	89	(50 - 150)	CFR136A 624
1,1-Dichloroethane	86	(72 - 128)	CFR136A 624
trans-1,2-Dichloroethene	90	(69 - 131)	CFR136A 624
1,2-Dichloroethene (total)	90	(69 - 131)	CFR136A 624
1,2-Dichloroethane	82	(68 - 132)	CFR136A 624
Methylene chloride	86	(60 - 140)	CFR136A 624
1,1,1-Trichloroethane	92	(75 - 125)	CFR136A 624
1,2-Dichloropropane	89	(34 - 166)	CFR136A 624
Tetrachloroethene	92	(73 - 127)	CFR136A 624
Toluene	94	(74 - 126)	CFR136A 624
cis-1,3-Dichloropropene	99	(24 - 176)	CFR136A 624
Trichloroethene	90	(66 - 134)	CFR136A 624
Dibromochloromethane	105	(67 - 133)	CFR136A 624
1,1,2-Trichloroethane	90	(71 - 129)	CFR136A 624
trans-1,3-Dichloropropene	100	(50 - 150)	CFR136A 624
1,1,2,2-Tetrachloroethane	93	(60 - 140)	CFR136A 624
Chlorobenzene	91	(66 - 134)	CFR136A 624
Ethylbenzene	96	(59 - 141)	CFR136A 624
2-Chloroethyl vinyl ether	99	(1.0- 224)	CFR136A 624
Acrylonitrile	83	(10 - 200)	CFR136A 624
Xylenes (total)	95	(37 - 162)	CFR136A 624
Acrolein	155	(10 - 200)	CFR136A 624
Dichlorodifluoromethane	82	(10 - 200)	CFR136A 624
Carbon disulfide	92	(35 - 150)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: C6D070112
 LCS Lot-Sample#: C6D110000-081

Work Order #....: H20Q21AC

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Naphthalene	84	(50 - 150)	CFR136A 624
Vinyl chloride	87	(4.0- 196)	CFR136A 624
Styrene	97	(70 - 130)	CFR136A 624
Trichlorofluoromethane	80	(48 - 152)	CFR136A 624
1,3-Dichlorobenzene	95	(73 - 127)	CFR136A 624
1,4-Dichlorobenzene	95	(63 - 137)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
4-Bromofluorobenzene	97	(70 - 118)
1,2-Dichloroethane-d4	83	(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.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6D070112

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#: C6D100000-068 Prep Batch #...: 6100068					
Cadmium	101	(85 - 115)	MCAWW 200.7	04/10-04/11/06	H2W6D1AP
			Dilution Factor: 1	Analysis Time...: 11:18	
Chromium	100	(85 - 115)	MCAWW 200.7	04/10-04/11/06	H2W6D1AQ
			Dilution Factor: 1	Analysis Time...: 11:18	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C6D070112

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	Work Order #: H2R6Q1AA (99 - 101)	LCS Lot-Sample#: C6D070000-223 MCAWW 150.1	04/07/06	6097223
		Dilution Factor: 1		Analysis Time...: 11:45	
Total Suspended Solids	106	Work Order #: H2W9F1AC (80 - 120)	LCS Lot-Sample#: C6D100000-099 MCAWW 160.2	04/10-04/11/06	6100099
		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 #...: C6D070112 Work Order #...: H2Q5P1AD-MS Matrix.....: WATER
 MS Lot-Sample #: C6D060333-001 H2Q5P1AE-MSD
 Date Sampled...: 04/05/06 Date Received...: 04/06/06 MS Run #.....: 6102003
 Prep Date.....: 04/11/06 Analysis Date...: 04/11/06
 Prep Batch #...: 6101081 Analysis Time...: 23:50
 Dilution Factor: 25

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	94	(18 - 190)			CFR136A 624
	96	(18 - 190)	1.6	(0-40)	CFR136A 624
Benzene	95	(37 - 151)			CFR136A 624
	93	(37 - 151)	1.2	(0-40)	CFR136A 624
Bromodichloromethane	87	(35 - 155)			CFR136A 624
	89	(35 - 155)	2.0	(0-40)	CFR136A 624
Bromoform	102	(45 - 169)			CFR136A 624
	105	(45 - 169)	3.2	(0-43)	CFR136A 624
Bromomethane	65	(1.0- 242)			CFR136A 624
	61	(1.0- 242)	6.6	(0-40)	CFR136A 624
Carbon tetrachloride	83	(70 - 140)			CFR136A 624
	82	(70 - 140)	1.1	(0-40)	CFR136A 624
Chloroethane	75	(14 - 230)			CFR136A 624
	54	(14 - 230)	32	(0-40)	CFR136A 624
Chloroform	85	(51 - 138)			CFR136A 624
	85	(51 - 138)	0.07	(0-40)	CFR136A 624
Chloromethane	77	(1.0- 273)			CFR136A 624
	75	(1.0- 273)	3.1	(0-40)	CFR136A 624
1,1-Dichloroethene	87	(1.0- 234)			CFR136A 624
	84	(1.0- 234)	3.8	(0-40)	CFR136A 624
1,1-Dichloroethane	83	(59 - 155)			CFR136A 624
	82	(59 - 155)	1.5	(0-40)	CFR136A 624
trans-1,2-Dichloroethene	88	(69 - 138)			CFR136A 624
	86	(69 - 138)	2.0	(0-40)	CFR136A 624
1,2-Dichloroethene (total)	88	(69 - 138)			CFR136A 624
	88	(69 - 138)	0.75	(0-40)	CFR136A 624
1,2-Dichloroethane	84	(49 - 155)			CFR136A 624
	84	(49 - 155)	1.0	(0-40)	CFR136A 624
Methylene chloride	82	(1.0- 221)			CFR136A 624
	85	(1.0- 221)	3.5	(0-40)	CFR136A 624
1,1,1-Trichloroethane	84	(52 - 162)			CFR136A 624
	81	(52 - 162)	3.4	(0-40)	CFR136A 624
1,2-Dichloropropane	85	(1.0- 210)			CFR136A 624
	85	(1.0- 210)	0.49	(0-40)	CFR136A 624
Tetrachloroethene	81	(64 - 148)			CFR136A 624
	84	(64 - 148)	3.1	(0-40)	CFR136A 624
Toluene	90	(47 - 150)			CFR136A 624
	96	(47 - 150)	4.4	(0-40)	CFR136A 624

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C6D070112 Work Order #...: H2Q5P1AD-MS Matrix.....: WATER
 MS Lot-Sample #: C6D060333-001 H2Q5P1AE-MSD

<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	91	(1.0- 227)			CFR136A 624
	91	(1.0- 227)	0.17	(0-40)	CFR136A 624
Trichloroethene	86	(71 - 157)			CFR136A 624
	85	(71 - 157)	0.84	(0-40)	CFR136A 624
Dibromochloromethane	93	(53 - 149)			CFR136A 624
	97	(53 - 149)	4.0	(0-40)	CFR136A 624
1,1,2-Trichloroethane	94	(52 - 150)			CFR136A 624
	102	(52 - 150)	8.1	(0-40)	CFR136A 624
trans-1,3-Dichloropropene	94	(17 - 183)			CFR136A 624
	98	(17 - 183)	4.7	(0-40)	CFR136A 624
1,1,2,2-Tetrachloroethane	117	(46 - 157)			CFR136A 624
	117	(46 - 157)	0.56	(0-40)	CFR136A 624
Chlorobenzene	86	(37 - 160)			CFR136A 624
	91	(37 - 160)	5.4	(0-40)	CFR136A 624
Ethylbenzene	88	(37 - 162)			CFR136A 624
	92	(37 - 162)	3.7	(0-40)	CFR136A 624
2-Chloroethyl vinyl ether	100	(1.0- 305)			CFR136A 624
	77	(1.0- 305)	26	(0-40)	CFR136A 624
Acrylonitrile	112	(10 - 200)			CFR136A 624
	111	(10 - 200)	1.4	(0-40)	CFR136A 624
Xylenes (total)	87	(37 - 162)			CFR136A 624
	93	(37 - 162)	6.0	(0-40)	CFR136A 624
Acrolein	195	(10 - 200)			CFR136A 624
	188	(10 - 200)	3.9	(0-40)	CFR136A 624
Dichlorodifluoromethane	69	(10 - 200)			CFR136A 624
	65	(10 - 200)	6.0	(0-40)	CFR136A 624
Carbon disulfide	86	(35 - 150)			CFR136A 624
	83	(35 - 150)	3.1	(0-40)	CFR136A 624
Vinyl chloride	80	(1.0- 251)			CFR136A 624
	78	(1.0- 251)	3.3	(0-50)	CFR136A 624
Styrene	91	(70 - 130)			CFR136A 624
	96	(70 - 130)	4.8	(0-30)	CFR136A 624
Trichlorofluoromethane	72	(17 - 181)			CFR136A 624
	69	(17 - 181)	4.3	(0-40)	CFR136A 624
1,3-Dichlorobenzene	92	(59 - 156)			CFR136A 624
	91	(59 - 156)	1.0	(0-40)	CFR136A 624
1,4-Dichlorobenzene	93	(18 - 190)			CFR136A 624
	93	(18 - 190)	0.62	(0-40)	CFR136A 624

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
4-Bromofluorobenzene	104	(70 - 118)
	99	(70 - 118)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C6D070112 Work Order #...: H2Q5P1AD-MS Matrix.....: WATER
MS Lot-Sample #: C6D060333-001 H2Q5P1AE-MSD

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
1,2-Dichloroethane-d4	86	(64 - 135)
	87	(64 - 135)
Toluene-d8	93	(71 - 118)
	97	(71 - 118)
Dibromofluoromethane	90	(64 - 128)
	91	(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 #...: C6D070112
 Date Sampled...: 04/07/06

Date Received...: 04/08/06

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
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MS Lot-Sample #: C6D080175-001 Prep Batch #...: 6100068

Cadmium	101	(70 - 130)			MCAWW 200.7	04/10-04/11/06	H2WT91A1
	100	(70 - 130)	1.4	(0-20)	MCAWW 200.7	04/10-04/11/06	H2WT91A2

Dilution Factor: 1
 Analysis Time...: 11:56
 MS Run #.....: 6100036

Chromium	101	(70 - 130)			MCAWW 200.7	04/10-04/11/06	H2WT91A3
	100	(70 - 130)	0.98	(0-20)	MCAWW 200.7	04/10-04/11/06	H2WT91A4

Dilution Factor: 1
 Analysis Time...: 11:56
 MS Run #.....: 6100036

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C6D070112

Work Order #...: H2VHC-SMP
H2VHC-DUP

Matrix.....: WATER

Date Sampled...: 04/07/06

Date Received...: 04/07/06

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
		<u>RESULT</u>		<u>RPD</u>	<u>LIMIT</u>		<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Total Suspended Solids	ND	ND	mg/L	0.0	(0-20)	MCAWW 150.2	04/10-04/11/06	6100099
			Dilution Factor: 1			Analysis Time...: 00:00	MS Run Number...: 6100068	
						SD Lot-Sample #: C6D070315-001		

ATTACHMENT C
LABORATORY ANALYSIS REPORT
MARCH 2006 QUARTERLY SAMPLE - WELL MW-32



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 #: C6C270102

Leo Brausch

Leo Brausch Consulting

SEVERN TRENT LABORATORIES, INC.

Carrie L. Gamber
Project Manager

April 10, 2006



STL



NELAC REPORTING:

The format and content of the attached report meets NELAC standards and guidelines except as noted in the narrative. The table below presents a summary of the certifications held by STL Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	STL Pittsburgh
NFESC	NA	NAVY	X
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW	X
		HW	X
California - nelac	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida - nelac	(#E87660)	WW	X
		HW	X
Illinois - nelac	(#200005)	WW	X
		HW	X
Kansas - nelac	(#E-10350)	WW	X
		HW	X
Louisiana - nelac	(#93200)	WW	X
		HW	X
New Hampshire - nelac	(#203002)	WW	X
		-	-
New Jersey - nelac	(PA-005)	WW	X
		HW	X
New York - nelac	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
North Dakota	R-075	WW	X
		HW	X
Ohio Vap	(#CL0063)	WW	X
		HW	X
Pennsylvania - nelac	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014001)	WW	X
		HW	X
Utah - nelac	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

- HW Hazardous Waste certification
- WW Non-potable Water and/or Wastewater certification
- X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

CASE NARRATIVE

Leo Brausch Consulting
Viacom
Buffalo Airport

STL Lot # C6C270102

Sample Receiving:

STL Pittsburgh received two samples on March 24, 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:

Due to the concentration of target compounds detected, sample WG-18036-032306-MW32 and its associated QC were analyzed at a dilution.

The MS/MSD had the RPD for 1,1-dichloroethene recover outside of criteria. The percent recoveries were within criteria.

Metals:

Sample WG-18036-032306-MW32 and its duplicate RPD was outside QC limits for lead.

METHODS SUMMARY

C6C270102

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
CLP - Volatile Organic Compounds (OLM04.2) Inductively Coupled Plasma	OCLP OLM04.2 ICLP ILM04.0/4.	OCLP OLM04.2 ICLP ILM04.0

References:

- ICLP USEPA Contract Laboratory Program Statement of Work for Inorganics Analysis, Multi-Media, Multi-Concentration.
- OCLP USEPA Contract Laboratory Program Statement of Work for Organics Analysis, Multi-Media, Multi-Concentration.

SAMPLE SUMMARY

C6C270102

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
H1199	001	WG-18036-032306-MW32	03/23/06	13:20
H12AA	002	TB-032306-DJT	03/23/06	

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
 2055 Niagara Falls Blvd., Suite 3
 Niagara Falls, N.Y. 14304 (716) 297-6150

SHIPPED TO (Laboratory Name):

STL Pittsburgh

REFERENCE NUMBER: *18036-531*

Viacom 1/4 Ly Gw Sampling

SAMPLER'S SIGNATURE: *David Tyran*

PRINTED NAME: *David Tyran*

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS										REMARKS				
						1	2	3	4	5	6	7	8	9	10		11	12		
	<i>3/23/06</i>	<i>1320</i>	<i>WG-18036-032306-MW32</i> <i>TR-032306-DST</i>	<i>water</i>	<i>1</i>	<i>3</i>	<i>1</i>													
<i>(The rest of the table is crossed out with a diagonal line.)</i>																				

TOTAL NUMBER OF CONTAINERS: _____ HEALTH/CHEMICAL HAZARDS: _____

RELINQUISHED BY: <i>David Tyran</i>	DATE: <i>3/23/06</i>	RECEIVED BY: _____	DATE: _____
① _____	TIME: <i>1430</i>	① _____	TIME: _____
RELINQUISHED BY: _____	DATE: _____	RECEIVED BY: _____	DATE: _____
② _____	TIME: _____	② _____	TIME: _____
RELINQUISHED BY: _____	DATE: _____	RECEIVED BY: _____	DATE: _____
③ _____	TIME: _____	③ _____	TIME: _____

METHOD OF SHIPMENT: *FEDEX* WAY BILL No. _____

White - Fully Executed Copy Yellow - Receiving Laboratory Copy Pink - Shipper Copy Goldenrod - Sampler Copy	SAMPLE TEAM: <i>D. Tyran</i>	RECEIVED FOR LABORATORY BY: <i>Kalene R. Davet</i>	NO N 4529
		DATE: <i>3/24/06</i> TIME: <i>0940</i>	

Leo Brausch Consulting

Client Sample ID: WG-18036-032306-MW32

GC/MS Volatiles

Lot-Sample #...: C6C270102-001 Work Order #...: H11991AA Matrix.....: WATER
 Date Sampled...: 03/23/06 Date Received...: 03/24/06 MS Run #.....: 6088296
 Prep Date.....: 03/29/06 Analysis Date...: 03/29/06
 Prep Batch #...: 6088508 Analysis Time...: 18:41
 Dilution Factor: 3

Method.....: OCLP OLM04.2

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Toluene	ND	30	ug/L	3.0
cis-1,2-Dichloroethene	350	30	ug/L	3.0
1,1,1-Trichloroethane	ND	30	ug/L	3.0
Trichloroethene	290	30	ug/L	3.0
Vinyl chloride	36	30	ug/L	3.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Toluene-d8	97	(88 - 110)
Bromofluorobenzene	95	(86 - 115)
1,2-Dichloroethane-d4	101	(76 - 114)

Leo Brausch Consulting

Client Sample ID: WG-18036-032306-MW32

TOTAL Metals

Lot-Sample #...: C6C270102-001

Matrix.....: WATER

Date Sampled...: 03/23/06

Date Received...: 03/24/06

<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 #...: 6086392						
Cadmium	ND	5	ug/L	ICLP ILM04.0/4.1	03/27-04/10/06	H11991AC
		Dilution Factor: 1		Analysis Time...: 09:03	MS Run #.....: 6086238	
		MDL.....: 0.26				
Lead	ND	3	ug/L	ICLP ILM04.0/4.1	03/27-04/10/06	H11991AD
		Dilution Factor: 1		Analysis Time...: 09:03	MS Run #.....: 6086238	
		MDL.....: 1.8				

Leo Brausch Consulting

Client Sample ID: TB-032306-DJT

GC/MS Volatiles

Lot-Sample #...: C6C270102-002 Work Order #...: H12AA1AA Matrix.....: WATER
 Date Sampled...: 03/23/06 Date Received...: 03/24/06 MS Run #.....: 6088296
 Prep Date.....: 03/29/06 Analysis Date...: 03/29/06
 Prep Batch #...: 6088508 Analysis Time...: 18:15
 Dilution Factor: 1
 Method.....: OCLP OLM04.2

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Toluene	ND	10	ug/L	1.0
cis-1,2-Dichloroethene	ND	10	ug/L	1.0
1,1,1-Trichloroethane	ND	10	ug/L	1.0
Trichloroethene	ND	10	ug/L	1.0
Vinyl chloride	ND	10	ug/L	1.0

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	96	(88 - 110)
Bromofluorobenzene	96	(86 - 115)
1,2-Dichloroethane-d4	103	(76 - 114)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C6C270102 Work Order #...: H18D61AA Matrix.....: WATER
 MB Lot-Sample #: C6C290000-508 Prep Date.....: 03/29/06 Analysis Time...: 17:51
 Analysis Date...: 03/29/06 Prep Batch #...: 6088508
 Dilution Factor: 1

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>
		<u>LIMIT</u>	<u>UNITS</u>	
cis-1,2-Dichloroethene	ND	10	ug/L	OCLP OLM04.2
Toluene	ND	10	ug/L	OCLP OLM04.2
1,1,1-Trichloroethane	ND	10	ug/L	OCLP OLM04.2
Trichloroethene	ND	10	ug/L	OCLP OLM04.2
Vinyl chloride	ND	10	ug/L	OCLP OLM04.2

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Toluene-d8	91	(88 - 110)
Bromofluorobenzene	90	(86 - 115)
1,2-Dichloroethane-d4	98	(76 - 114)

NOTE (S) :

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C6C270102

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 #: C6C270000-392 Prep Batch #... : 6086392						
Cadmium	ND B	5.0	ug/L	ICLP ILM04.0/4.1	03/27-04/10/06	H13A21AA
		Dilution Factor: 1				
		Analysis Time...: 08:52				
Lead	ND B	3.0	ug/L	ICLP ILM04.0/4.1	03/27-04/10/06	H13A21AC
		Dilution Factor: 1				
		Analysis Time...: 08:52				

NOTE(S) :

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C6C270102 Work Order #...: H18D61AC Matrix.....: WATER
 LCS Lot-Sample#: C6C290000-508
 Prep Date.....: 03/29/06 Analysis Date...: 03/29/06
 Prep Batch #...: 6088508 Analysis Time...: 20:24
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Trichloroethene	101	(71 - 120)	OCLP OLM04.2
Toluene	102	(76 - 125)	OCLP OLM04.2
1,1-Dichloroethene	109	(61 - 145)	OCLP OLM04.2
Benzene	104	(76 - 127)	OCLP OLM04.2
Chlorobenzene	102	(75 - 130)	OCLP OLM04.2

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	96	(88 - 110)
Bromofluorobenzene	94	(86 - 115)
1,2-Dichloroethane-d4	105	(76 - 114)

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 #...: C6C270102

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>
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LCS Lot-Sample#: C6C270000-392 Prep Batch #...: 6086392

Cadmium	101	(80 - 120)	ICLP ILM04.0/4.1	03/27-04/10/06	H13A21AD
		Dilution Factor: 1		Analysis Time..: 08:57	

Lead	101	(80 - 120)	ICLP ILM04.0/4.1	03/27-04/10/06	H13A21AE
		Dilution Factor: 1		Analysis Time..: 08:57	

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 #...: C6C270102 Work Order #...: H11991AJ-MS Matrix.....: WATER
 MS Lot-Sample #: C6C270102-001 H11991AK-MSD
 Date Sampled...: 03/23/06 Date Received...: 03/24/06 MS Run #.....: 6088296
 Prep Date.....: 03/29/06 Analysis Date...: 03/29/06
 Prep Batch #...: 6088508 Analysis Time...: 20:55
 Dilution Factor: 3

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichloroethene	80	(71 - 120)			OCLP OLM04.2
	75	(71 - 120)	1.9	(0-14)	OCLP OLM04.2
Toluene	107	(76 - 125)			OCLP OLM04.2
	109	(76 - 125)	1.4	(0-13)	OCLP OLM04.2
1,1-Dichloroethene	133	(61 - 145)			OCLP OLM04.2
	113 p	(61 - 145)	17	(0-14)	OCLP OLM04.2
Benzene	109	(76 - 127)			OCLP OLM04.2
	108	(76 - 127)	0.67	(0-11)	OCLP OLM04.2
Chlorobenzene	108	(75 - 130)			OCLP OLM04.2
	109	(75 - 130)	0.79	(0-13)	OCLP OLM04.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(88 - 110)
	95	(88 - 110)
Bromofluorobenzene	92	(86 - 115)
	93	(86 - 115)
1,2-Dichloroethane-d4	101	(76 - 114)
	102	(76 - 114)

NOTE(S) :

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C6C270102

Matrix.....: WATER

Date Sampled...: 03/23/06

Date Received...: 03/24/06

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: C6C270102-001			Prep Batch #...: 6086392		
Cadmium	98	(75 - 125)	ICLP ILM04.0/4.1	03/27-04/10/06	H11991AE
		Dilution Factor: 1	Analysis Time..: 09:03		
		MS Run #.....: 6086238			
Lead	109	(75 - 125)	ICLP ILM04.0/4.1	03/27-04/10/06	H11991AF
		Dilution Factor: 1	Analysis Time..: 09:03		
		MS Run #.....: 6086238			

NOTE(S) :

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

