CBS Corporation

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

May 15, 2009

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 report on the status of operation and maintenance (O&M) activities at New York State Department of Environmental Conservation (NYSDEC) Site No. 9-15-066 in Cheektowaga, New York (the "Site"). Under an Agreement among the Respondents, CBS is managing the Remedial Program pursuant to the Order. This report covers activities over the period of April 1 through April 30, 2009 and transmits the discharge monitoring report for this reporting period.

1. Site Activities and Status

A. On April 14, 2009, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the March 2009 operating period. That status report also transmitted the discharge monitoring data for March 2009.

B. On April 16, 2009, Conestoga-Rovers & Associates (CRA) collected surface water samples at five locations associated with the Niagara Frontier Transportation Authority (NFTA) storm sewer system at the Buffalo-Niagara International Airport (BNIA).

C. CRA conducted routine and non-routine O&M on behalf of CBS, and TestAmerica Laboratories, Inc. provided analytical laboratory services, as required.

2. Sampling Results and Other Site Data

A. In April 2009, the groundwater system recovered and treated an estimated 231,000 gallons.

B. Attachment A provides the discharge monitoring report for April 2009 based on the effluent sample collected on April 22, 2009, and Attachment B includes the analytical laboratory report for this effluent sample.

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

- The flow data are provided via on-site readings. The maximum daily flow was calculated from these data.
- The pH data are provided via 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 April 2009 reporting period, the effluent complied with all discharge limitations except for pH. The effluent pH observed on April 28, 2009 was 6.36, which is below the effluent limitation of 6.5. The geometric mean of all pH readings during April 2009 was 7.25.

E. Table 1 presents the results of BNIA storm sewer sampling and compares these data to prior storm sewer sampling (December 2009) and groundwater sump data (May 2006). Figure 1 shows the locations of the BNIA storm sewer samples, and Attachment C includes the analytical laboratory report for these samples.

F. Figure 2 provides a sketch showing the general area of the BNIA where the groundwater recovery system is installed.[1] This figure also highlights groundwater monitoring well locations, all of which have consistently shown volatile organic compound concentrations that are below Site remedial action objectives or non-detectable.

[1] As requested by NYSDEC during a May 7, 2009 telephone discussion.

3. Upcoming Activities

A. CBS will continue required O&M activities.

B. CBS plans to begin the stepwise implementation of the Revised Work Plan (Rev. 1, November 7, 2008) for shutdown of those portions of the groundwater collection system that drain to Sumps 001 and 002, as discussed with NYSDEC on February 25, 2009 and as described in the CBS correspondence of February 27, 2009.

4. Operational Problems

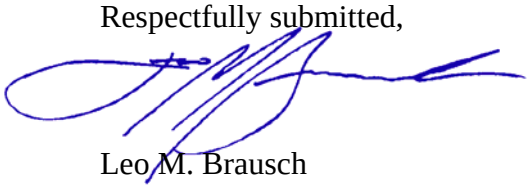
A. Previously reported operational problems associated with elevated pH, hardness, and inflow continue. These operational problems are expected to be largely resolved with the phased shutdown of the collection and treatment system and limitation of inflows to those associated with Sump 003.

B. As previously observed by and described to NYSDEC, the water levels in Sumps 001 and 002 have risen to the point where the water overtops these manholes during period of high precipitation. This situation will be remedied through closure of these portions of the groundwater collection system.

* * * *

We trust this submittal satisfies your requirements at this time. If you have questions regarding this status report, please contact me.

Respectfully submitted,



Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

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

TABLE

Table 1
Results of NFTA Storm Sewer Sampling
And Comparison to Groundwater Collection Sump Data

Sample Location	Sample Date	Estimated Flow (gpm)	pH (s.u.)	Total Suspended Solids (mg/L)	Constituent Concentration (ug/L)									
					1,2-dichlorobenzene	cis-1,2-dichloroethylene	Methylene Chloride	Toluene	Tetrachloroethylene	Trichloroethylene	Vinyl chloride	Cadmium	Chromium	Lead
001 System														
Sump 001	05/08/06	NA	**8.3**	4.0 U	1.0 U	**21**	2.0 U	1.0 U	1.0 U	**35**	**3.2**	**1.2 B**	5.0 U	3.0 U
NFTA Storm Sewer (MH-1A)	12/18/08	15	NA	NA	1.0 U	1.0 U	1.0 U	**0.21 J**	**0.71 J**	1.0 U	NA	NA	NA	NA
	04/16/09	14	**7.7**	**2.8 B**	1.0 U	1.0 U	1.0 U	**0.20 J**	**0.94 J**	1.0 U	1.0 U	**1.3 B**	**3.0 B**	**6.1**
NFTA Storm Sewer (MH-1B)	04/16/09	14	**7.9**	4.0 U	1.0 U	1.0 U	1.0 U	**0.26 J**	1.0 U	**0.23 J**	1.0 U	**1.3 B**	5.0 U	3.0 U
NFTA Storm Sewer (MH-1C)	04/16/09	S	**8.0**	**11.2**	1.0 U	1.0 U	1.0 U	**0.20 J**	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	3.0 U
002 System														
Sump 002	05/08/06	NA	**7.9**	**26**	2.5 U	**24**	5.0 U	2.5 U	2.5 U	**140**	2.5 U	**1.3 B**	**1.2 B**	3.0 U
NFTA Storm Sewer (MH-2A)	12/18/08	22	NA	NA	1.0 U	**30**	1.0 U	1.0 U	**0.88 J**	**42**	NA	NA	NA	NA
	04/16/09	7.0	**8.0**	4.0 U	1.0 U	**20**	1.0 U	1.0 U	1.0 U	**49**	1.0 U	5.0 U	5.0 U	3.0 U
NFTA Storm Sewer (MH-2B)	12/18/08	14	NA	NA	1.0 U	**36**	1.0 U	**0.36 J**	**15**	**75**	NA	NA	NA	NA
	04/16/09	7.8	**11.6**	4.0 U	1.0 U	**52**	1.0 U	**0.39 J**	**19**	**150**	1.0 U	5.0 U	**5.3**	**4.8**
NFTA Storm Sewer (MH-2C)	04/16/09	0.1	**9.2**	**110**	1.0 U	**12**	1.0 U	1.0 U	**5.4**	**34**	1.0 U	5.0 U	**3.2 B**	3.0 U
NFTA Storm Sewer (MH-2D)	04/16/09	S	**8.7**	**687**	1.0 U	**20**	1.0 U	**0.15 J**	1.0 U	**71**	1.0 U	**0.52 B**	**29**	**52**
003 System														
Sump 003	05/08/06	NA	**11.4**	**4.0**	25 U	**200**	50 U	25 U	25 U	**1,800**	25 U	5.0 U	**16.4**	3.0 U
NFTA Storm Sewer (MH-3)	12/18/08	5.0	NA	NA	2.5 U	**37**	3 U	3 U	**1.2 J**	**160**	NA	NA	NA	NA
	04/16/09	5.0	**10.1**	**9.6**	12 U	**63**	12 U	12 U	12 U	**450**	12 U	5.0 U	**11.5**	3.0 U

Table 1
Results of NFTA Storm Sewer Sampling
And Comparison to Groundwater Collection Sump Data

Notes:

1. *For manhole locations, see Figure 1.*
2. *"NA" indicates not available.*
3. *"S" indicates water present, but no discernible flow.*
4. *Data Legend*:

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

Organic Data Qualifiers:

U - not detected at indicated reporting limit (RL).

J - estimated concentration above minimum detection limit (MDL), but below reporting limit (RL).

Inorganic Data Qualifiers (also apply to total suspended solids):

U - not detected at indicated RL

B - detected concentration above MDL, but below RL.

FIGURES

LEGEND

- CSMH FORCEMAINS
- CSMH-001 SYSTEM
- CSMH-002 SYSTEM
- CSMH-003 SYSTEM
- NFTA STORM SEWER
- STORM WATER SAMPLING LOCATION (04/16/09)

N

0 50 150ft

MH-001-10
MH-001-06
MH-001-13
MH-001-03 COULD NOT BE LOCATED
MH-001-02
MH-001-03
MH-002-13
MH-002-12
MH-002-10
MH-002-09
MH-002-15
MH-002-05
MH-002-07
MH-002-02
MH002-01
CSMH-002
(SUMP 002)
MH-002-03
MH-002-05
MH001-01
CSMH-001
(SUMP 001)
MW-30
MW-31
1A
1B
1C
2A
2B
2C
2D
3
EAST ENTRANCE/EXIT
PARKING
MW-2
MH-003-07
LONG TERM PARKING
MH-003-04
MH-003-03
ACCESS MANHOLE
CSMH-003
(SUMP 003)
MH003-01
MW-5
MH-003-02
GENESEE STREET

figure 1

NFTA STORM SEWER
MONITORING LOCATIONS
NYSDEC SITE NO. 9-15-066
Cheektowaga, New York

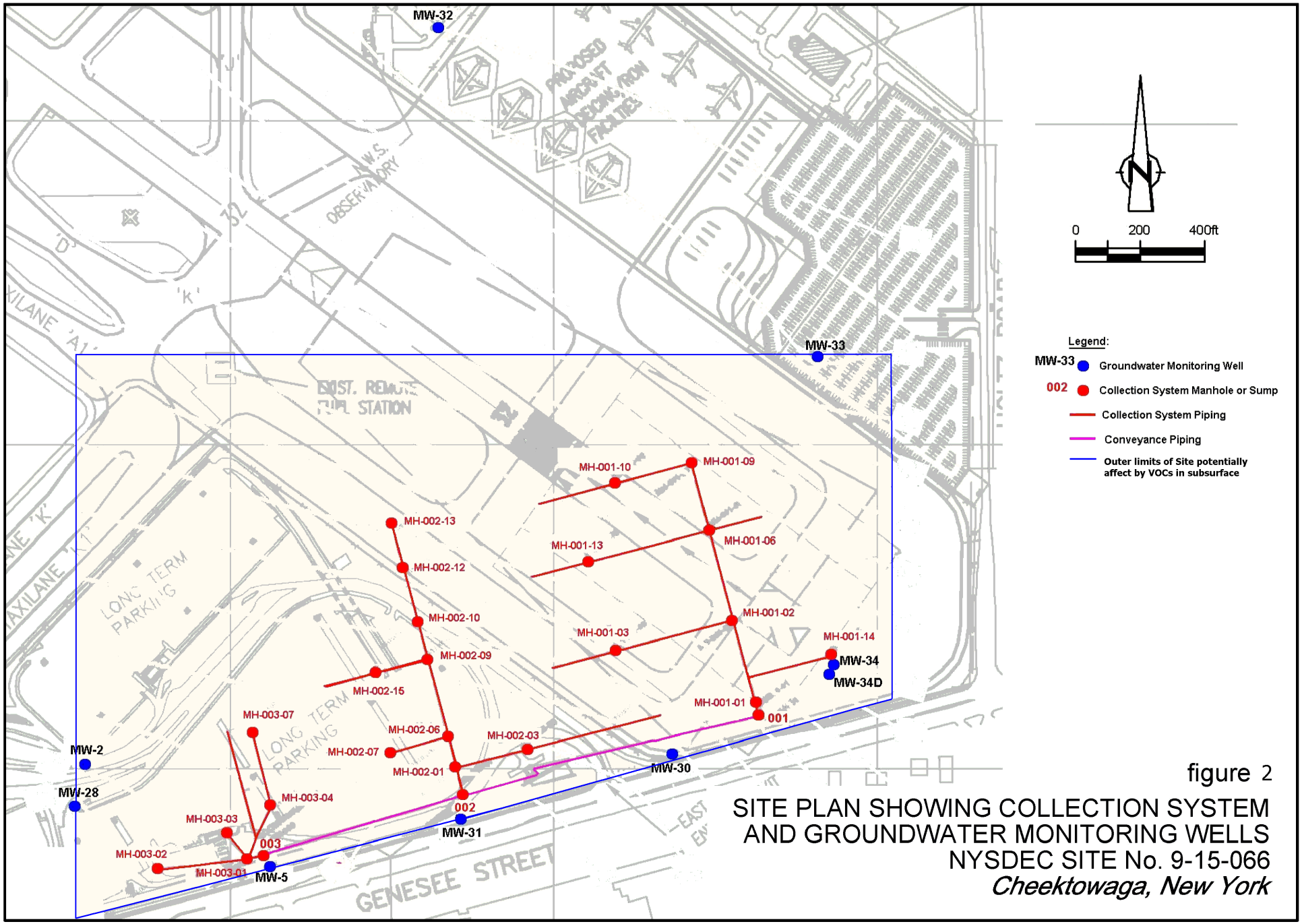


figure 2

SITE PLAN SHOWING COLLECTION SYSTEM AND GROUNDWATER MONITORING WELLS
NYSDEC SITE No. 9-15-066
Cheektowaga, New York

ATTACHMENT A

DISCHARGE MONITORING REPORT
APRIL 2009

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

Reporting Month & Year **Apr-09**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		**13,215**	**gpd**		**Continuous**	**Meter**
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	**6.36**	**8.30**	**s.u.**		**8**	**Grab**
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		**< 4.0**	**mg/L**	**< 0.49**	**1**	**Grab**
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		**0.15**	**ug/L**	**0.000017**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00011**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00011**	**1**	**Grab**
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00011**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00011**	**1**	**Grab**
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		**< 1.0**	**ug/L**	**< 0.00011**	**1**	**Grab**
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		**< 0.15**	**ug/L**	**< 0.000017**	**1**	**Grab**
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		**< 5.0**	**ug/L**	**< 0.00055**	**1**	**Grab**
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B

ANALYTICAL LABORATORY REPORT
EFFLUENT SAMPLING, APRIL 2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C9D230187

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

May 5, 2009

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
NFESC	NA	NAVY	X
US Dept of Agriculture	(#P330-07-00101)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW	X
		HW	X
California – NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida – NELAC	(#E871008-04)	WW	X
		HW	X
Illinois – NELAC	(#002064)	WW	X
		HW	X
Kansas – NELAC	(#E-10350)	WW	X
		HW	X
Louisiana – NELAC	(#04041)	WW	X
		HW	X
New Hampshire – NELAC	(#203008)	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
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014002)	WW	X
		HW	X
Utah – NELAC	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

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

Updated: 2/5/2009 C:\Documents and Settings\derubeisn\My Documents\NELAC NARRATIVE Pttsburgh.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C9D230187

Sample Receiving:
TestAmerica's Pittsburgh laboratory received one sample on April 23, 2009. The cooler was received within the proper temperature range.

GC/MS Volatiles:
TestAmerica's North Canton laboratory performed the 624 analysis. All results are included in the report.

The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

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.

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
2055 Niagra Falls Blvd
Niagra Falls, NY 14304

SHIPPED TO (Laboratory Name): Test America

REFERENCE NUMBER: 018036
CDS Buffalo Airport

SAMPLER'S SIGNATURE: [signature]
PRINTED NAME: Chuck Baller

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS: VOAs	pH/TSS	Cd Cr								REMARKS
	4/22/09	900	EFF-0409	Water	5	3	1	1								

TOTAL NUMBER OF CONTAINERS: 5 | HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① [signature]	DATE: 4-22-09 TIME: 1100	RECEIVED BY: ① Jim Vicinie	DATE: 4/23/09 TIME: 1000
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ②	DATE: TIME:
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: Jim Vicinie
DATE: 4/23/09 TIME: 1000

№ CRA 15306

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

METHODS SUMMARY

C9D230187

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

C9D230187

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LALAV	001	EFF0409	04/22/09	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: EFF0409

GC/MS Volatiles

Lot-Sample #...: C9D230187-001 **Work Order #...:** LALAV1AD **Matrix.....:** WATER
Date Sampled...: 04/22/09 **Date Received..:** 04/23/09 **MS Run #.....:** 9118326
Prep Date.....: 04/28/09 **Analysis Date..:** 04/28/09
Prep Batch #...: 9118502 **Analysis Time..:** 01:16
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	**0.15 J**	**1.0**	**ug/L**	**0.13**
Trichloroethene	ND	1.0	ug/L	0.17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(80 - 125)
Toluene-d8	103	(84 - 110)
Bromofluorobenzene	93	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9D230187 **Work Order #...:** LAX9J1AA **Matrix.....:** WATER
MB Lot-Sample #: A9D280000-502
Prep Date.....: 04/27/09 **Analysis Time..:** 17:59
Analysis Date..: 04/27/09 **Prep Batch #...:** 9118502
Dilution Factor: 1

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	**0.50 J**	**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
1,2-Dichloroethane-d4	104	(80 - 125)
Toluene-d8	103	(84 - 110)
Bromofluorobenzene	96	(81 - 112)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9D230187 **Work Order #...:** LAX9J1AC **Matrix.....:** WATER
LCS Lot-Sample#: A9D280000-502
Prep Date.....: 04/27/09 **Analysis Date..:** 04/27/09
Prep Batch #...: 9118502 **Analysis Time..:** 17:34
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	89	(18 - 190)	CFR136A 624
Methylene chloride	93	(10 - 221)	CFR136A 624
Tetrachloroethene	99	(64 - 148)	CFR136A 624
Toluene	92	(47 - 150)	CFR136A 624
Trichloroethene	98	(71 - 157)	CFR136A 624
Benzene	97	(37 - 151)	CFR136A 624
Bromodichloromethane	108	(35 - 155)	CFR136A 624
Bromoform	83	(45 - 169)	CFR136A 624
Bromomethane	87	(10 - 242)	CFR136A 624
Carbon tetrachloride	94	(70 - 140)	CFR136A 624
Chlorobenzene	94	(37 - 160)	CFR136A 624
Chloroethane	84	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	94	(10 - 305)	CFR136A 624
Chloroform	98	(51 - 138)	CFR136A 624
Chloromethane	132	(10 - 273)	CFR136A 624
Dibromochloromethane	102	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	92	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	92	(18 - 190)	CFR136A 624
1,1-Dichloroethane	98	(59 - 155)	CFR136A 624
1,2-Dichloroethane	96	(49 - 155)	CFR136A 624
1,1-Dichloroethene	107	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	78	(54 - 156)	CFR136A 624
1,2-Dichloropropane	93	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	96	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	96	(17 - 183)	CFR136A 624
Ethylbenzene	97	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	94	(46 - 157)	CFR136A 624
1,1,1-Trichloroethane	93	(52 - 162)	CFR136A 624
1,1,2-Trichloroethane	92	(52 - 150)	CFR136A 624
Trichlorofluoromethane	120	(17 - 181)	CFR136A 624
Vinyl chloride	117	(10 - 251)	CFR136A 624

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9D230187 **Work Order #...:** LAX9J1AC **Matrix.....:** WATER
LCS Lot-Sample#: A9D280000-502

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

Lot-Sample #...: C9D230187 **Work Order #...:** LAP9N1AC **Matrix.....:** WATER
MS Lot-Sample #: A9D240271-001
Date Sampled...: 04/23/09 **Date Received..:** 04/24/09
Prep Date.....: 04/27/09 **Analysis Date..:** 04/27/09
Prep Batch #...: 9118502 **MS Run #.....:** 9118326
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichlorobenzene	**93**	**(90 - 115)**	**CFR136A 624**
Methylene chloride	**101**	**(78 - 131)**	**CFR136A 624**
Tetrachloroethene	**102**	**(81 - 112)**	**CFR136A 624**
Toluene	**98**	**(87 - 112)**	**CFR136A 624**
Trichloroethene	**104**	**(85 - 114)**	**CFR136A 624**
Benzene	**104**	**(90 - 114)**	**CFR136A 624**
Bromodichloromethane	**111**	**(78 - 123)**	**CFR136A 624**
Bromoform	**74**	**(40 - 141)**	**CFR136A 624**
Bromomethane	**88**	**(42 - 160)**	**CFR136A 624**
Carbon tetrachloride	**89**	**(61 - 129)**	**CFR136A 624**
Chlorobenzene	**101**	**(90 - 113)**	**CFR136A 624**
Chloroethane	**91**	**(56 - 133)**	**CFR136A 624**
2-Chloroethyl vinyl ether	**0.0 a**	**(10 - 185)**	**CFR136A 624**
Chloroform	**105**	**(90 - 118)**	**CFR136A 624**
Chloromethane	**140 a**	**(37 - 127)**	**CFR136A 624**
Dibromochloromethane	**104**	**(65 - 123)**	**CFR136A 624**
1,3-Dichlorobenzene	**95**	**(90 - 111)**	**CFR136A 624**
1,4-Dichlorobenzene	**97**	**(90 - 112)**	**CFR136A 624**
1,1-Dichloroethane	**101**	**(90 - 114)**	**CFR136A 624**
1,2-Dichloroethane	**108**	**(90 - 123)**	**CFR136A 624**
1,1-Dichloroethene	**105**	**(83 - 129)**	**CFR136A 624**
trans-1,2-Dichloroethene	**90**	**(85 - 116)**	**CFR136A 624**
1,2-Dichloropropane	**105**	**(87 - 119)**	**CFR136A 624**
cis-1,3-Dichloropropene	**99**	**(77 - 115)**	**CFR136A 624**
trans-1,3-Dichloropropene	**95**	**(71 - 114)**	**CFR136A 624**
Ethylbenzene	**105**	**(88 - 111)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**98**	**(77 - 133)**	**CFR136A 624**
1,1,1-Trichloroethane	**100**	**(82 - 119)**	**CFR136A 624**
1,1,2-Trichloroethane	**98**	**(89 - 123)**	**CFR136A 624**
Trichlorofluoromethane	**117 a**	**(62 - 110)**	**CFR136A 624**
Vinyl chloride	**115**	**(50 - 119)**	**CFR136A 624**

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

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C9D230187 **Work Order #...:** LAP9N1AC **Matrix.....:** WATER
MS Lot-Sample #: A9D240271-001

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: EFF0409

TOTAL Metals

Lot-Sample #...: C9D230187-001 **Matrix.....:** WATER
Date Sampled...: 04/22/09 **Date Received..:** 04/23/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9118113						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/28-05/01/09	LALAV1AA
		Dilution Factor: 1		Analysis Time..: 01:47	MS Run #.....: 9118055	
		MDL.....: 0.15				
Chromium	ND	5.0	ug/L	MCAWW 200.7	04/28-05/01/09	LALAV1AC
		Dilution Factor: 1		Analysis Time..: 01:47	MS Run #.....: 9118055	
		MDL.....: 0.51				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9D230187 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C9D280000-113 **Prep Batch #...:** 9118113						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/28-05/01/09	LAWD21AD
		Dilution Factor: 1				
		Analysis Time..: 00:52				
Chromium	ND	5.0	ug/L	MCAWW 200.7	04/28-05/01/09	LAWD21AE
		Dilution Factor: 1				
		Analysis Time..: 00:52				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9D230187 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C9D280000-113 **Prep Batch #...:** 9118113					
Cadmium	102	(85 - 115)	MCAWW 200.7	04/28-05/01/09	LAWD21AN
		Dilution Factor: 1	Analysis Time..: 00:58		
Chromium	104	(85 - 115)	MCAWW 200.7	04/28-05/01/09	LAWD21AP
		Dilution Factor: 1	Analysis Time..: 00:58		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9D230187 **Matrix.....:** WATER
Date Sampled...: 04/20/09 **Date Received..:** 04/23/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9D220114-001 **Prep Batch #...:** 9118113							
Cadmium	99	(70 - 130)			MCAWW 200.7	04/28-05/01/09	LAG891AV
	102	(70 - 130)	3.1	(0-20)	MCAWW 200.7	04/28-05/01/09	LAG891AW
		Dilution Factor: 1					
		Analysis Time..: 01:14					
		MS Run #.....: 9118055					
Chromium	103	(70 - 130)			MCAWW 200.7	04/28-05/01/09	LAG891AX
	106	(70 - 130)	2.6	(0-20)	MCAWW 200.7	04/28-05/01/09	LAG891A0
		Dilution Factor: 1					
		Analysis Time..: 01:14					
		MS Run #.....: 9118055					

NOTE(S):

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

Leo Brausch Consulting

Client Sample ID: EFF0409

General Chemistry

Lot-Sample #...: C9D230187-001 **Work Order #...:** LALAV **Matrix.....:** WATER
Date Sampled...: 04/22/09 **Date Received..:** 04/23/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.3**	**--**	**No Units**	**SM20 4500-H+B**	**04/24/09**	**9117252**
		Dilution Factor: 1		Analysis Time..: 15:42	MS Run #.....: 9117160	
		MDL.....: --				
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	04/28-04/29/09	9118224
		Dilution Factor: 1		Analysis Time..: 13:40	MS Run #.....: 9118117	
		MDL.....: 2.0				

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C9D230187 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: LAWLV1AA		MB Lot-Sample #:	C9D280000-224	
	ND	4.0	mg/L	SM20 2540D	04/28-04/29/09	9118224
		Dilution Factor: 1				
		Analysis Time..: 13:40				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D230187 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: LAT7Q1AA	LCS Lot-Sample#: C9D270000-252		
	100	(99 - 101)	SM20 4500-H+B	04/24/09	9117252
		Dilution Factor: 1	Analysis Time..: 15:40		
Total Suspended Solids		Work Order #: LAWLV1AC	LCS Lot-Sample#: C9D280000-224		
	96	(80 - 120)	SM20 2540D	04/28-04/29/09	9118224
		Dilution Factor: 1	Analysis Time..: 13:40		

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D230187 **Work Order #...:** LALAV-SMP LALAV-DUP **Matrix.....:** WATER

Date Sampled...: 04/22/09 **Date Received..:** 04/23/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C9D230187-001		
	8.3	8.3	No Units	0.60	(0-2.0)	SM20 4500-H+B	04/24/09	9117252

Dilution Factor: 1 Analysis Time..: 15:42 MS Run Number..: 9117160

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D230187 **Work Order #...:** LAHGV-SMP LAHGV-DUP **Matrix.....:** WATER

Date Sampled...: 04/22/09 **Date Received..:** 04/22/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C9D220142-001		
	439	469	mg/L	6.6	(0-20)	SM20 2540D	04/28-04/29/09	9118224

Dilution Factor: 1 Analysis Time..: 13:40 MS Run Number..: 9118117

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D230187 **Work Order #...:** LAL0Q-SMP LAL0Q-DUP **Matrix.....:** WATER

Date Sampled...: 04/22/09 **Date Received..:** 04/23/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C9D230240-001		
	11.2	13.2	mg/L	16	(0-20)	SM20 2540D	04/28-04/29/09	9118224

Dilution Factor: 1 Analysis Time..: 13:40 MS Run Number..: 9118117

ATTACHMENT C

ANALYTICAL LABORATORY REPORT
NFTA BNIA STORM SEWER SAMPLING
APRIL 16, 2008

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. LEO BRAUSCH BUF

Leo Brausch Buffalo Airport

Lot #: C9D170350

Leo Brausch

Leo Brausch Consulting
131 Wedgewood Drive
Gibsonia, PA 15044

TESTAMERICA LABORATORIES, INC.

Carrie L. Gamber
Project Manager

April 29, 2009

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
NFESC	NA	NAVY	X
US Dept of Agriculture	(#P330-07-00101)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW	X
		HW	X
California – NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida – NELAC	(#E871008-04)	WW	X
		HW	X
Illinois – NELAC	(#002064)	WW	X
		HW	X
Kansas – NELAC	(#E-10350)	WW	X
		HW	X
Louisiana – NELAC	(#04041)	WW	X
		HW	X
New Hampshire – NELAC	(#203008)	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
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014002)	WW	X
		HW	X
Utah – NELAC	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

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

Updated: 2/5/2009 C:\Documents and Settings\derubeisn\My Documents\NELAC NARRATIVE Pttsburgh.doc

CASE NARRATIVE

Leo Brausch Consulting

Lot # C9D170350

Sample Receiving:
TestAmerica's Pittsburgh laboratory received one sample on April 17, 2009. The cooler was received within the proper temperature range.

GC/MS Volatiles:
TestAmerica's North Canton laboratory performed the 624 analysis. All results are included in the report.

Due to the concentration of target compounds detected, samples 18036-0409-2B and 18036-0409-3 were analyzed at a dilution.

Several compounds recovered outside control limits for several compounds.

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.

C9D170350

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
Niagara Falls, NY

SHIPPED TO (Laboratory Name): Test America Pittsburgh, PA

REFERENCE NUMBER: 18036
Buffalo Airport site
Storm Sewer Sampling

SAMPLER'S SIGNATURE: [signature] PRINTED NAME: Kevin Lynch

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	VOCs (HCl) PARAMETERS	Metals (HNO3)	pH/TSS	REMARKS
	4/16/09	1310	18036-0409-1A	Water	5	3	1	1	Site Specific VOCs
		1430	18036-0409-1B		5	3	1	1	Site Specific Metals
		1500	18036-0409-1C		5	3	1	1	
		0945	18036-0409-2A		5	3	1	1	
		0955	18036-0409-2B		5	3	1	1	
		1015	18036-0409-2C		5	3	1	1	
		1140	18036-0409-2D		5	3	1	1	
	↓	1225	18036-0409-3	↓	5	3	1	1	

TOTAL NUMBER OF CONTAINERS: 40

HEALTH/CHEMICAL HAZARDS:

RELINQUISHED BY: ① [signature]	DATE: 4/16/09 TIME: 1600 *	RECEIVED BY: ①	DATE: TIME:
RELINQUISHED BY: ②	DATE: TIME:	RECEIVED BY: ②	DATE: TIME:
RELINQUISHED BY: ③	DATE: TIME:	RECEIVED BY: ③ [signature]	DATE: 4/17/9 TIME: 1000

METHOD OF SHIPMENT: Fedex WAY BILL No. —

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

SAMPLE TEAM: Lynch, Boller

RECEIVED FOR LABORATORY BY: _____ DATE: _____ TIME: _____

Nº CRA 18106

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

* Cooler sealed for shipment

METHODS SUMMARY

C9D170350

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

C9D170350

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LAA33	001	18036-0409-1A	04/16/09	13:10
LAA34	002	18036-0409-1B	04/16/09	14:30
LAA35	003	18036-0409-1C	04/16/09	15:00
LAA36	004	18036-0409-2A	04/16/09	09:45
LAA37	005	18036-0409-2B	04/16/09	09:55
LAA38	006	18036-0409-2C	04/16/09	10:15
LAA4A	007	18036-0409-2D	04/16/09	11:40
LAA4C	008	18036-0409-3	04/16/09	12:25

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: 18036-0409-1A

GC/MS Volatiles

Lot-Sample #...: C9D170350-001 **Work Order #...:** LAA331AL **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09 **MS Run #.....:** 9113263
Prep Date.....: 04/23/09 **Analysis Date..:** 04/23/09
Prep Batch #...: 9113449 **Analysis Time..:** 01:29
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	**0.94 J**	**1.0**	**ug/L**	**0.29**
Toluene	**0.20 J**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22

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

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: 18036-0409-1B

GC/MS Volatiles

Lot-Sample #...: C9D170350-002 **Work Order #...:** LAA341AK **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09 **MS Run #.....:** 9113263
Prep Date.....: 04/23/09 **Analysis Date..:** 04/23/09
Prep Batch #...: 9113449 **Analysis Time..:** 01:53
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	**0.26 J**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	**0.23 J**	**1.0**	**ug/L**	**0.17**
Vinyl chloride	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(80 - 125)
Toluene-d8	101	(84 - 110)
Bromofluorobenzene	99	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: 18036-0409-1C

GC/MS Volatiles

Lot-Sample #...: C9D170350-003 **Work Order #...:** LAA351AK **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09 **MS Run #.....:** 9113263
Prep Date.....: 04/23/09 **Analysis Date..:** 04/23/09
Prep Batch #...: 9113449 **Analysis Time..:** 02:17
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	**0.20 J**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(80 - 125)
Toluene-d8	104	(84 - 110)
Bromofluorobenzene	98	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: 18036-0409-2A

GC/MS Volatiles

Lot-Sample #...: C9D170350-004 **Work Order #...:** LAA361AK **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09 **MS Run #.....:** 9113263
Prep Date.....: 04/23/09 **Analysis Date..:** 04/23/09
Prep Batch #...: 9113449 **Analysis Time..:** 02:42
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	**20**	**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
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	**49**	**1.0**	**ug/L**	**0.17**
Vinyl chloride	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(80 - 125)
Toluene-d8	101	(84 - 110)
Bromofluorobenzene	98	(81 - 112)

Leo Brausch Consulting

Client Sample ID: 18036-0409-2B

GC/MS Volatiles

Lot-Sample #...: C9D170350-005 **Work Order #...:** LAA371AK **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09 **MS Run #.....:** 9114213
Prep Date.....: 04/24/09 **Analysis Date..:** 04/24/09
Prep Batch #...: 9114361 **Analysis Time..:** 02:29
Dilution Factor: 2.5
Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	2.5	ug/L	0.32
cis-1,2-Dichloroethene	**52**	**2.5**	**ug/L**	**0.42**
Methylene chloride	ND	2.5	ug/L	0.82
Tetrachloroethene	**19**	**2.5**	**ug/L**	**0.72**
Toluene	**0.39 J**	**2.5**	**ug/L**	**0.32**
1,1,1-Trichloroethane	ND	2.5	ug/L	0.55
Trichloroethene	**150**	**2.5**	**ug/L**	**0.42**
Vinyl chloride	ND	2.5	ug/L	0.55

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(80 - 125)
Toluene-d8	101	(84 - 110)
Bromofluorobenzene	100	(81 - 112)

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: 18036-0409-2C

GC/MS Volatiles

Lot-Sample #...: C9D170350-006 **Work Order #...:** LAA381AK **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09 **MS Run #.....:** 9113263
Prep Date.....: 04/23/09 **Analysis Date..:** 04/23/09
Prep Batch #...: 9113449 **Analysis Time..:** 03:32
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	**12**	**1.0**	**ug/L**	**0.17**
Methylene chloride	ND	1.0	ug/L	0.33
Tetrachloroethene	**5.4**	**1.0**	**ug/L**	**0.29**
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	**34**	**1.0**	**ug/L**	**0.17**
Vinyl chloride	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(80 - 125)
Toluene-d8	101	(84 - 110)
Bromofluorobenzene	97	(81 - 112)

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Client Sample ID: 18036-0409-2D

GC/MS Volatiles

Lot-Sample #...: C9D170350-007 **Work Order #...:** LAA4A1AK **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09 **MS Run #.....:** 9113263
Prep Date.....: 04/23/09 **Analysis Date..:** 04/23/09
Prep Batch #...: 9113449 **Analysis Time..:** 03:57
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	**20**	**1.0**	**ug/L**	**0.17**
Methylene chloride	ND	1.0	ug/L	0.33
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**0.15 J**	**1.0**	**ug/L**	**0.13**
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	**71**	**1.0**	**ug/L**	**0.17**
Vinyl chloride	ND	1.0	ug/L	0.22

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

NOTE(S):

J Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: 18036-0409-3

GC/MS Volatiles

Lot-Sample #...: C9D170350-008 **Work Order #...:** LAA4C1AK **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09 **MS Run #.....:** 9114213
Prep Date.....: 04/24/09 **Analysis Date..:** 04/24/09
Prep Batch #...: 9114361 **Analysis Time..:** 02:53
Dilution Factor: 12.5

Method.....: CFR136A 624

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2-Dichlorobenzene	ND	12	ug/L	1.6
cis-1,2-Dichloroethene	**63**	**12**	**ug/L**	**2.1**
Methylene chloride	ND	12	ug/L	4.1
Tetrachloroethene	ND	12	ug/L	3.6
Toluene	ND	12	ug/L	1.6
1,1,1-Trichloroethane	ND	12	ug/L	2.8
Trichloroethene	**450**	**12**	**ug/L**	**2.1**
Vinyl chloride	ND	12	ug/L	2.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(80 - 125)
Toluene-d8	105	(84 - 110)
Bromofluorobenzene	99	(81 - 112)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9D170350 **Work Order #...:** LAMF61AA **Matrix.....:** WATER
MB Lot-Sample #: A9D230000-449

Prep Date.....: 04/22/09 **Analysis Time..:** 16:55
Analysis Date..: 04/22/09 **Prep Batch #...:** 9113449
Dilution Factor: 1

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(80 - 125)
Toluene-d8	103	(84 - 110)
Bromofluorobenzene	98	(81 - 112)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C9D170350 **Work Order #...:** LAP9K1AA **Matrix.....:** WATER
MB Lot-Sample #: A9D240000-361
Prep Date.....: 04/23/09 **Analysis Time..:** 17:51
Analysis Date..: 04/23/09 **Prep Batch #...:** 9114361
Dilution Factor: 1

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
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	103	(80 - 125)
Toluene-d8	105	(84 - 110)
Bromofluorobenzene	98	(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 #...: C9D170350 **Work Order #...:** LAMF61AC **Matrix.....:** WATER
LCS Lot-Sample#: A9D230000-449
Prep Date.....: 04/22/09 **Analysis Date..:** 04/22/09
Prep Batch #...: 9113449 **Analysis Time..:** 16:32
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	96	(37 - 151)	CFR136A 624
Bromodichloromethane	110	(35 - 155)	CFR136A 624
Bromoform	89	(45 - 169)	CFR136A 624
Bromomethane	84	(10 - 242)	CFR136A 624
Carbon tetrachloride	85	(70 - 140)	CFR136A 624
Chlorobenzene	100	(37 - 160)	CFR136A 624
Chloroethane	83	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	96	(10 - 305)	CFR136A 624
Chloroform	100	(51 - 138)	CFR136A 624
Chloromethane	137	(10 - 273)	CFR136A 624
Dibromochloromethane	113	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	96	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	97	(18 - 190)	CFR136A 624
1,1-Dichloroethane	97	(59 - 155)	CFR136A 624
1,2-Dichloroethane	99	(49 - 155)	CFR136A 624
1,1-Dichloroethene	101	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	81	(54 - 156)	CFR136A 624
1,2-Dichloropropane	96	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	101	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	106	(17 - 183)	CFR136A 624
Ethylbenzene	103	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	97	(46 - 157)	CFR136A 624
1,1,2-Trichloroethane	94	(52 - 150)	CFR136A 624
Trichlorofluoromethane	105	(17 - 181)	CFR136A 624
1,2-Dichlorobenzene	93	(18 - 190)	CFR136A 624
Methylene chloride	93	(10 - 221)	CFR136A 624
Tetrachloroethene	92	(64 - 148)	CFR136A 624
Toluene	96	(47 - 150)	CFR136A 624
1,1,1-Trichloroethane	90	(52 - 162)	CFR136A 624
Trichloroethene	98	(71 - 157)	CFR136A 624
Vinyl chloride	111	(10 - 251)	CFR136A 624

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9D170350 **Work Order #...:** LAMF61AC **Matrix.....:** WATER
LCS Lot-Sample#: A9D230000-449

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(80 - 125)
Toluene-d8	106	(84 - 110)
Bromofluorobenzene	105	(81 - 112)

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

GC/MS Volatiles

Client Lot #...: C9D170350 **Work Order #...:** LAP9K1AC **Matrix.....:** WATER
LCS Lot-Sample#: A9D240000-361
Prep Date.....: 04/23/09 **Analysis Date..:** 04/23/09
Prep Batch #...: 9114361 **Analysis Time..:** 17:26
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	98	(37 - 151)	CFR136A 624
Bromodichloromethane	106	(35 - 155)	CFR136A 624
Bromoform	84	(45 - 169)	CFR136A 624
Bromomethane	83	(10 - 242)	CFR136A 624
Carbon tetrachloride	96	(70 - 140)	CFR136A 624
Chlorobenzene	103	(37 - 160)	CFR136A 624
Chloroethane	85	(14 - 230)	CFR136A 624
2-Chloroethyl vinyl ether	101	(10 - 305)	CFR136A 624
Chloroform	102	(51 - 138)	CFR136A 624
Chloromethane	135	(10 - 273)	CFR136A 624
Dibromochloromethane	105	(53 - 149)	CFR136A 624
1,3-Dichlorobenzene	94	(59 - 156)	CFR136A 624
1,4-Dichlorobenzene	93	(18 - 190)	CFR136A 624
1,1-Dichloroethane	102	(59 - 155)	CFR136A 624
1,2-Dichloroethane	104	(49 - 155)	CFR136A 624
1,1-Dichloroethene	101	(10 - 234)	CFR136A 624
trans-1,2-Dichloroethene	83	(54 - 156)	CFR136A 624
1,2-Dichloropropane	98	(10 - 210)	CFR136A 624
cis-1,3-Dichloropropene	99	(10 - 227)	CFR136A 624
trans-1,3-Dichloropropene	100	(17 - 183)	CFR136A 624
Ethylbenzene	105	(37 - 162)	CFR136A 624
1,1,2,2-Tetrachloroethane	95	(46 - 157)	CFR136A 624
1,1,2-Trichloroethane	102	(52 - 150)	CFR136A 624
Trichlorofluoromethane	109	(17 - 181)	CFR136A 624
1,2-Dichlorobenzene	89	(18 - 190)	CFR136A 624
Methylene chloride	92	(10 - 221)	CFR136A 624
Tetrachloroethene	98	(64 - 148)	CFR136A 624
Toluene	103	(47 - 150)	CFR136A 624
1,1,1-Trichloroethane	97	(52 - 162)	CFR136A 624
Trichloroethene	98	(71 - 157)	CFR136A 624
Vinyl chloride	117	(10 - 251)	CFR136A 624

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: C9D170350 **Work Order #...:** LAP9K1AC **Matrix.....:** WATER
LCS Lot-Sample#: A9D240000-361

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(80 - 125)
Toluene-d8	107	(84 - 110)
Bromofluorobenzene	102	(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

Lot-Sample #...: C9D170350 **Work Order #...:** LAD801AJ **Matrix.....:** WATER
MS Lot-Sample #: A9D200158-001
Date Sampled...: 04/20/09 **Date Received..:** 04/20/09
Prep Date.....: 04/23/09 **Analysis Date..:** 04/23/09
Prep Batch #...: 9113449 **MS Run #.....:** 9113263
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**100**	**(90 - 114)**	**CFR136A 624**
Bromodichloromethane	**103**	**(78 - 123)**	**CFR136A 624**
Bromoform	**74**	**(40 - 141)**	**CFR136A 624**
Bromomethane	**88**	**(42 - 160)**	**CFR136A 624**
Carbon tetrachloride	**88**	**(61 - 129)**	**CFR136A 624**
Chlorobenzene	**102**	**(90 - 113)**	**CFR136A 624**
Chloroethane	**88**	**(56 - 133)**	**CFR136A 624**
2-Chloroethyl vinyl ether	**0.0 a**	**(10 - 185)**	**CFR136A 624**
Chloroform	**101**	**(90 - 118)**	**CFR136A 624**
Chloromethane	**142 a**	**(37 - 127)**	**CFR136A 624**
Dibromochloromethane	**97**	**(65 - 123)**	**CFR136A 624**
1,3-Dichlorobenzene	**99**	**(90 - 111)**	**CFR136A 624**
1,4-Dichlorobenzene	**97**	**(90 - 112)**	**CFR136A 624**
1,1-Dichloroethane	**100**	**(90 - 114)**	**CFR136A 624**
1,2-Dichloroethane	**107**	**(90 - 123)**	**CFR136A 624**
1,1-Dichloroethene	**106**	**(83 - 129)**	**CFR136A 624**
trans-1,2-Dichloroethene	**88**	**(85 - 116)**	**CFR136A 624**
1,2-Dichloropropane	**97**	**(87 - 119)**	**CFR136A 624**
cis-1,3-Dichloropropene	**93**	**(77 - 115)**	**CFR136A 624**
trans-1,3-Dichloropropene	**91**	**(71 - 114)**	**CFR136A 624**
Ethylbenzene	**104**	**(88 - 111)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**94**	**(77 - 133)**	**CFR136A 624**
1,1,2-Trichloroethane	**95**	**(89 - 123)**	**CFR136A 624**
Trichlorofluoromethane	**111 a**	**(62 - 110)**	**CFR136A 624**
1,2-Dichlorobenzene	**94**	**(90 - 115)**	**CFR136A 624**
Methylene chloride	**95**	**(78 - 131)**	**CFR136A 624**
Tetrachloroethene	**96**	**(81 - 112)**	**CFR136A 624**
Toluene	**95**	**(87 - 112)**	**CFR136A 624**
1,1,1-Trichloroethane	**89**	**(82 - 119)**	**CFR136A 624**
Trichloroethene	**102**	**(85 - 114)**	**CFR136A 624**
Vinyl chloride	**121 a**	**(50 - 119)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(80 - 125)
Toluene-d8	102	(84 - 110)
Bromofluorobenzene	103	(81 - 112)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C9D170350 **Work Order #...:** LAD801AJ **Matrix.....:** WATER
MS Lot-Sample #: A9D200158-001

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

Lot-Sample #...: C9D170350 **Work Order #...:** LAA4C1AL **Matrix.....:** WATER
MS Lot-Sample #: C9D170350-008
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09
Prep Date.....: 04/24/09 **Analysis Date..:** 04/24/09
Prep Batch #...: 9114361 **MS Run #.....:** 9114213
Dilution Factor: 12.5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**99**	**(90 - 114)**	**CFR136A 624**
Bromodichloromethane	**103**	**(78 - 123)**	**CFR136A 624**
Bromoform	**77**	**(40 - 141)**	**CFR136A 624**
Bromomethane	**82**	**(42 - 160)**	**CFR136A 624**
Carbon tetrachloride	**89**	**(61 - 129)**	**CFR136A 624**
Chlorobenzene	**103**	**(90 - 113)**	**CFR136A 624**
Chloroethane	**85**	**(56 - 133)**	**CFR136A 624**
2-Chloroethyl vinyl ether	**0.0 a**	**(10 - 185)**	**CFR136A 624**
Chloroform	**102**	**(90 - 118)**	**CFR136A 624**
Chloromethane	**138 a**	**(37 - 127)**	**CFR136A 624**
Dibromochloromethane	**102**	**(65 - 123)**	**CFR136A 624**
1,3-Dichlorobenzene	**96**	**(90 - 111)**	**CFR136A 624**
1,4-Dichlorobenzene	**96**	**(90 - 112)**	**CFR136A 624**
1,1-Dichloroethane	**103**	**(90 - 114)**	**CFR136A 624**
1,2-Dichloroethane	**105**	**(90 - 123)**	**CFR136A 624**
1,1-Dichloroethene	**104**	**(83 - 129)**	**CFR136A 624**
trans-1,2-Dichloroethene	**84 a**	**(85 - 116)**	**CFR136A 624**
1,2-Dichloropropane	**97**	**(87 - 119)**	**CFR136A 624**
cis-1,3-Dichloropropene	**95**	**(77 - 115)**	**CFR136A 624**
trans-1,3-Dichloropropene	**97**	**(71 - 114)**	**CFR136A 624**
Ethylbenzene	**106**	**(88 - 111)**	**CFR136A 624**
1,1,2,2-Tetrachloroethane	**99**	**(77 - 133)**	**CFR136A 624**
1,1,2-Trichloroethane	**100**	**(89 - 123)**	**CFR136A 624**
Trichlorofluoromethane	**97**	**(62 - 110)**	**CFR136A 624**
1,2-Dichlorobenzene	**95**	**(90 - 115)**	**CFR136A 624**
Methylene chloride	**94**	**(78 - 131)**	**CFR136A 624**
Tetrachloroethene	**99**	**(81 - 112)**	**CFR136A 624**
Toluene	**97**	**(87 - 112)**	**CFR136A 624**
1,1,1-Trichloroethane	**92**	**(82 - 119)**	**CFR136A 624**
Trichloroethene	**103**	**(85 - 114)**	**CFR136A 624**
Vinyl chloride	**116**	**(50 - 119)**	**CFR136A 624**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(80 - 125)
Toluene-d8	104	(84 - 110)
Bromofluorobenzene	103	(81 - 112)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Lot-Sample #...: C9D170350 **Work Order #...:** LAA4C1AL **Matrix.....:** WATER
MS Lot-Sample #: C9D170350-008

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: 18036-0409-1A

TOTAL Metals

Lot-Sample #...: C9D170350-001 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9112248						
Cadmium	**1.3 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA331AH**
		Dilution Factor: 1		Analysis Time..: 21:33	MS Run #.....: 9112167	
		MDL.....: 0.15				
Chromium	**3.0 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA331AK**
		Dilution Factor: 1		Analysis Time..: 21:33	MS Run #.....: 9112167	
		MDL.....: 0.51				
Lead	**6.1**	**3.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA331AJ**
		Dilution Factor: 1		Analysis Time..: 21:33	MS Run #.....: 9112167	
		MDL.....: 1.2				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: 18036-0409-1B

TOTAL Metals

Lot-Sample #...: C9D170350-002 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9112248						
Cadmium	**1.3 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA341AG**
		Dilution Factor: 1		Analysis Time..: 21:55	MS Run #.....: 9112167	
		MDL.....: 0.15				
Chromium	ND	5.0	ug/L	MCAWW 200.7	04/22/09	LAA341AJ
		Dilution Factor: 1		Analysis Time..: 21:55	MS Run #.....: 9112167	
		MDL.....: 0.51				
Lead	ND	3.0	ug/L	MCAWW 200.7	04/22/09	LAA341AH
		Dilution Factor: 1		Analysis Time..: 21:55	MS Run #.....: 9112167	
		MDL.....: 1.2				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: 18036-0409-1C

TOTAL Metals

Lot-Sample #...: C9D170350-003 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9112248						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/22/09	LAA351AG
		Dilution Factor: 1		Analysis Time..: 22:11	MS Run #.....: 9112167	
		MDL.....: 0.15				
Chromium	ND	5.0	ug/L	MCAWW 200.7	04/22/09	LAA351AJ
		Dilution Factor: 1		Analysis Time..: 22:11	MS Run #.....: 9112167	
		MDL.....: 0.51				
Lead	ND	3.0	ug/L	MCAWW 200.7	04/22/09	LAA351AH
		Dilution Factor: 1		Analysis Time..: 22:11	MS Run #.....: 9112167	
		MDL.....: 1.2				

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Client Sample ID: 18036-0409-2A

TOTAL Metals

Lot-Sample #...: C9D170350-004 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9112248						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/22/09	LAA361AG
		Dilution Factor: 1		Analysis Time..: 22:17	MS Run #.....: 9112167	
		MDL.....: 0.15				
Chromium	ND	5.0	ug/L	MCAWW 200.7	04/22/09	LAA361AJ
		Dilution Factor: 1		Analysis Time..: 22:17	MS Run #.....: 9112167	
		MDL.....: 0.51				
Lead	ND	3.0	ug/L	MCAWW 200.7	04/22/09	LAA361AH
		Dilution Factor: 1		Analysis Time..: 22:17	MS Run #.....: 9112167	
		MDL.....: 1.2				

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Client Sample ID: 18036-0409-2B

TOTAL Metals

Lot-Sample #...: C9D170350-005 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9112248						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/22/09	LAA371AG
		Dilution Factor: 1		Analysis Time..: 22:22	MS Run #.....: 9112167	
		MDL.....: 0.15				
Chromium	**5.3**	**5.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA371AJ**
		Dilution Factor: 1		Analysis Time..: 22:22	MS Run #.....: 9112167	
		MDL.....: 0.51				
Lead	**4.8**	**3.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA371AH**
		Dilution Factor: 1		Analysis Time..: 22:22	MS Run #.....: 9112167	
		MDL.....: 1.2				

Leo Brausch Consulting

Client Sample ID: 18036-0409-2C

TOTAL Metals

Lot-Sample #...: C9D170350-006 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9112248						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/22/09	LAA381AG
		Dilution Factor: 1		Analysis Time..: 22:28	MS Run #.....: 9112167	
		MDL.....: 0.15				
Chromium	**3.2 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA381AJ**
		Dilution Factor: 1		Analysis Time..: 22:28	MS Run #.....: 9112167	
		MDL.....: 0.51				
Lead	ND	3.0	ug/L	MCAWW 200.7	04/22/09	LAA381AH
		Dilution Factor: 1		Analysis Time..: 22:28	MS Run #.....: 9112167	
		MDL.....: 1.2				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: 18036-0409-2D

TOTAL Metals

Lot-Sample #...: C9D170350-007 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9112248						
Cadmium	**0.52 B**	**5.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA4A1AG**
		Dilution Factor: 1		Analysis Time..: 22:33	MS Run #.....: 9112167	
		MDL.....: 0.15				
Chromium	**29.1**	**5.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA4A1AJ**
		Dilution Factor: 1		Analysis Time..: 22:33	MS Run #.....: 9112167	
		MDL.....: 0.51				
Lead	**52.4**	**3.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA4A1AH**
		Dilution Factor: 1		Analysis Time..: 22:33	MS Run #.....: 9112167	
		MDL.....: 1.2				

NOTE(S):

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: 18036-0409-3

TOTAL Metals

Lot-Sample #...: C9D170350-008 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9112248						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/22/09	LAA4C1AG
		Dilution Factor: 1		Analysis Time..: 22:39	MS Run #.....: 9112167	
		MDL.....: 0.15				
Chromium	**11.5**	**5.0**	**ug/L**	**MCAWW 200.7**	**04/22/09**	**LAA4C1AJ**
		Dilution Factor: 1		Analysis Time..: 22:39	MS Run #.....: 9112167	
		MDL.....: 0.51				
Lead	ND	3.0	ug/L	MCAWW 200.7	04/22/09	LAA4C1AH
		Dilution Factor: 1		Analysis Time..: 22:39	MS Run #.....: 9112167	
		MDL.....: 1.2				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C9D170350 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C9D220000-248 **Prep Batch #...:** 9112248						
Cadmium	ND	5.0	ug/L	MCAWW 200.7	04/22/09	LAHHV1AA
		Dilution Factor: 1				
		Analysis Time..: 21:11				
Chromium	ND	5.0	ug/L	MCAWW 200.7	04/22/09	LAHHV1AD
		Dilution Factor: 1				
		Analysis Time..: 21:11				
Lead	ND	3.0	ug/L	MCAWW 200.7	04/22/09	LAHHV1AC
		Dilution Factor: 1				
		Analysis Time..: 21:11				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9D170350 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C9D220000-248 **Prep Batch #...:** 9112248					
Cadmium	101	(85 - 115)	MCAWW 200.7	04/22/09	LAHHV1AE
		Dilution Factor: 1	Analysis Time..: 21:17		
Lead	101	(85 - 115)	MCAWW 200.7	04/22/09	LAHHV1AF
		Dilution Factor: 1	Analysis Time..: 21:17		
Chromium	101	(85 - 115)	MCAWW 200.7	04/22/09	LAHHV1AG
		Dilution Factor: 1	Analysis Time..: 21:17		

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: C9D170350 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C9D170350-001 **Prep Batch #...:** 9112248							
Cadmium	100	(70 - 130)			MCAWW 200.7	04/22/09	LAA331AM
	98	(70 - 130)	2.0	(0-20)	MCAWW 200.7	04/22/09	LAA331AN
		Dilution Factor: 1					
		Analysis Time..: 21:44					
		MS Run #.....: 9112167					
Chromium	100	(70 - 130)			MCAWW 200.7	04/22/09	LAA331AR
	98	(70 - 130)	1.9	(0-20)	MCAWW 200.7	04/22/09	LAA331AT
		Dilution Factor: 1					
		Analysis Time..: 21:44					
		MS Run #.....: 9112167					
Lead	100	(70 - 130)			MCAWW 200.7	04/22/09	LAA331AP
	99	(70 - 130)	1.1	(0-20)	MCAWW 200.7	04/22/09	LAA331AQ
		Dilution Factor: 1					
		Analysis Time..: 21:44					
		MS Run #.....: 9112167					

NOTE(S):

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

Leo Brausch Consulting

Client Sample ID: 18036-0409-1A

General Chemistry

Lot-Sample #...: C9D170350-001 **Work Order #...:** LAA33 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.7**	**--**	**No Units**	**SM20 4500-H+B**	**04/18/09**	**9108034**
		Dilution Factor: 1		Analysis Time..: 11:32	MS Run #.....: 9108017	
		MDL.....: --				
Total Suspended Solids	**2.8 B**	**4.0**	**mg/L**	**SM20 2540D**	**04/22-04/23/09**	**9112219**
		Dilution Factor: 1		Analysis Time..: 11:45	MS Run #.....: 9112181	
		MDL.....: 2.0				

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Leo Brausch Consulting

Client Sample ID: 18036-0409-1B

General Chemistry

Lot-Sample #...: C9D170350-002 **Work Order #...:** LAA34 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**7.9**	**--**	**No Units**	**SM20 4500-H+B**	**04/18/09**	**9108034**
		Dilution Factor: 1		Analysis Time..: 11:38	MS Run #.....: 9108017	
		MDL.....:				
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	04/22-04/23/09	9112219
		Dilution Factor: 1		Analysis Time..: 11:45	MS Run #.....: 9112181	
		MDL.....: 2.0				

Leo Brausch Consulting

Client Sample ID: 18036-0409-1C

General Chemistry

Lot-Sample #...: C9D170350-003 **Work Order #...:** LAA35 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.0**	**--**	**No Units**	**SM20 4500-H+B**	**04/18/09**	**9108034**
	Dilution Factor: 1			Analysis Time..: 11:40	MS Run #.....: 9108017	
	MDL.....:					
Total Suspended Solids	**11.2**	**4.0**	**mg/L**	**SM20 2540D**	**04/22-04/23/09**	**9112219**
	Dilution Factor: 1			Analysis Time..: 11:45	MS Run #.....: 9112181	
	MDL.....: 2.0					

Leo Brausch Consulting

Client Sample ID: 18036-0409-2A

General Chemistry

Lot-Sample #...: C9D170350-004 **Work Order #...:** LAA36 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.0**	**--**	**No Units**	**SM20 4500-H+B**	**04/18/09**	**9108034**
		Dilution Factor: 1		Analysis Time..: 11:42	MS Run #.....: 9108017	
		MDL.....:				
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	04/22-04/23/09	9112219
		Dilution Factor: 1		Analysis Time..: 11:45	MS Run #.....: 9112181	
		MDL.....: 2.0				

Leo Brausch Consulting

Client Sample ID: 18036-0409-2B

General Chemistry

Lot-Sample #...: C9D170350-005 **Work Order #...:** LAA37 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**11.6**	**--**	**No Units**	**SM20 4500-H+B**	**04/18/09**	**9108034**
		Dilution Factor: 1		Analysis Time..: 11:45	MS Run #.....: 9108017	
		MDL.....:				
Total Suspended Solids	ND	4.0	mg/L	SM20 2540D	04/22-04/23/09	9112219
		Dilution Factor: 1		Analysis Time..: 11:45	MS Run #.....: 9112181	
		MDL.....: 2.0				

Leo Brausch Consulting

Client Sample ID: 18036-0409-2C

General Chemistry

Lot-Sample #...: C9D170350-006 **Work Order #...:** LAA38 **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**9.2**	**--**	**No Units**	**SM20 4500-H+B**	**04/18/09**	**9108034**
	Dilution Factor: 1			Analysis Time..: 11:48	MS Run #.....: 9108017	
	MDL.....:					
Total Suspended Solids	**110**	**4.0**	**mg/L**	**SM20 2540D**	**04/22-04/23/09**	**9112219**
	Dilution Factor: 1			Analysis Time..: 11:45	MS Run #.....: 9112181	
	MDL.....: 2.0					

Leo Brausch Consulting

Client Sample ID: 18036-0409-2D

General Chemistry

Lot-Sample #...: C9D170350-007 **Work Order #...:** LAA4A **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**8.7**	**--**	**No Units**	**SM20 4500-H+B**	**04/18/09**	**9108034**
	Dilution Factor: 1			Analysis Time..: 11:50	MS Run #.....: 9108017	
	MDL.....:					
Total Suspended Solids	**687**	**4.0**	**mg/L**	**SM20 2540D**	**04/22-04/23/09**	**9112219**
	Dilution Factor: 1			Analysis Time..: 11:45	MS Run #.....: 9112181	
	MDL.....: 2.0					

Leo Brausch Consulting

Client Sample ID: 18036-0409-3

General Chemistry

Lot-Sample #...: C9D170350-008 **Work Order #...:** LAA4C **Matrix.....:** WATER
Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH	**10.1**	**--**	**No Units**	**SM20 4500-H+B**	**04/18/09**	**9108034**
	Dilution Factor: 1		Analysis Time..: 11:53		MS Run #.....: 9108017	
	MDL.....:					
Total Suspended Solids	**9.6**	**4.0**	**mg/L**	**SM20 2540D**	**04/22-04/23/09**	**9112219**
	Dilution Factor: 1		Analysis Time..: 11:45		MS Run #.....: 9112181	
	MDL.....: 2.0					

METHOD BLANK REPORT

General Chemistry

Client Lot #...: C9D170350 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: LAHPH1AA		MB Lot-Sample #:	C9D220000-219	
	ND	4.0	mg/L	SM20 2540D	04/22-04/23/09	9112219
		Dilution Factor: 1				
		Analysis Time..: 11:45				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D170350 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH		Work Order #: LACAQ1AA	LCS Lot-Sample#: C9D180000-034		
	100	(99 - 101)	SM20 4500-H+B	04/18/09	9108034
		Dilution Factor: 1	Analysis Time..: 11:30		
Total Suspended Solids		Work Order #: LAHPH1AC	LCS Lot-Sample#: C9D220000-219		
	102	(80 - 120)	SM20 2540D	04/22-04/23/09	9112219
		Dilution Factor: 1	Analysis Time..: 11:45		

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D170350 **Work Order #...:** LAA33-SMP LAA33-DUP **Matrix.....:** WATER

Date Sampled...: 04/16/09 **Date Received..:** 04/17/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH						SD Lot-Sample #: C9D170350-001		
	7.7	7.7	No Units	0.13	(0-2.0)	SM20 4500-H+B	04/18/09	9108034

Dilution Factor: 1 Analysis Time..: 11:32 MS Run Number..: 9108017

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: C9D170350 **Work Order #...:** LAFJQ-SMP LAFJQ-DUP **Matrix.....:** WATER

Date Sampled...: 04/20/09 **Date Received..:** 04/21/09

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids						SD Lot-Sample #: C9D210180-001		
	ND	ND	mg/L	40	(0-20)	SM20 2540D	04/22-04/23/09	9112219

Dilution Factor: 1 Analysis Time..: 11:45 MS Run Number..: 9112181