



CBS Corporation

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

Via Electronic and First-Class Mail

July 18, 2011

Mr. David P. Locey
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. Locey:

On behalf of the Respondents to the Order on Consent and Settlement Agreement, Index No. B9-0381-91-8 (the "Order"), CBS Corporation (CBS) submits this monthly status report for operation and maintenance (O&M) activities at New York State Department of Environmental Conservation (NYSDEC) Site No. 9-15-066 in Cheektowaga, New York (the "Site"). Under an agreement among the Respondents, CBS is managing the Remedial Program pursuant to the Order. This report covers activities during June 2011 and transmits the discharge monitoring report for this reporting period.

NYSDEC has recently indicated that Site data collected after April 1, 2011 is to be submitted in a specified Electronic Data Deliverable (EDD) format. CBS is working with its consultants and laboratory to comply with these specifications, and Site data collected after April 1, 2011 will be submitted to NYSDEC in the requested EDD format under separate cover.

1. Site Activities and Status

- A. On June 17, 2011, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for the May 2011 operating period. That status report also transmitted the discharge monitoring data for May 2011.
- B. The recovery and treatment system operated throughout June 2011.

- C. Conestoga-Rovers & Associates (CRA) conducted routine and non-routine O&M on behalf of CBS, and TestAmerica Laboratories, Inc. (TestAmerica) provided required analytical laboratory services.
- D. CRA completed the semi-annual groundwater sampling event.

2. Sampling Results and Other Site Data

- A. In June 2011, the groundwater system recovered and treated an estimated 260,000 gallons.¹
- B. Attachment A provides the discharge monitoring report for June 2011 based on the effluent sample collected on June 9, 2011, 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 periodic on-site readings and laboratory analysis of the monthly effluent sample. Effluent pH data are reported only for measurements taken while the treatment pump is operating and the system is actively discharging.
 - The reported daily maximum values (pounds per day) are calculated using the maximum (interpolated) 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 June 2011 reporting period, the effluent sampling results complied with all discharge limitations.
- E. Table 1 presents the results of influent sampling and includes the data from the most recent influent sample collected on June 9, 2011. No flow was observed from Sump 001 at the time of sampling. Accordingly, this latest influent sample is a composite of the influent from the 002 and 003 portions of the system only. Attachment B includes the analytical laboratory report for this influent sample.
- F. The results of the semi-annual groundwater monitoring event will be reported once the data are received and compiled.

¹ Based on additional information and recalculation, the estimated total discharge for May 2011 has been revised to 207,000 gallons from the 210,000 gallons as indicated in the May 2011 monthly status report.

3. Upcoming Activities

- A. CBS will continue required O&M activities.
- B. CBS will continue efforts to modify data reporting protocols to meet NYSDEC's EDD specifications.
- C. With NYSDEC approval, CBS will complete the Phase 1 closure of the 002 system by filling and sealing manholes MH-002-09 and MH-002-10.
- D. After closing MH-002-09, and MH-002-10, CRA will conduct additional water level measurements, surface water monitoring, and groundwater monitoring per the *Revised Work Plan* (Rev. 1, November 7, 2008).

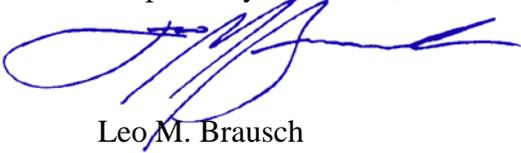
4. Operational Problems

- A. Previously reported operational problems associated with elevated pH, pH control, and hardness continue. These operational problems are expected to be largely resolved with the phased shutdown of the collection system and limitation of inflows to those associated with Sump 003.
- B. Previously reported operational problems associated system inflows are lessening with the minimal flows associated with Sump 001 now that the 001 portion of the groundwater collection system has been partially closed.
- C. The post-closure monitoring data indicate that the Phase 1 closure of the 001 groundwater collection system has addressed the previously observed high water levels at Sump 001, which had led to periodic overtopping of that manhole. The ongoing periodic overtopping at Sump 002 will be addressed through the partial closure of that portion of the groundwater collection system.
- D. The Phase 1 closure of the 002 system is also expected to reduce the conveyance of groundwater containing volatile organic compounds via storm sewers installed by the Niagara Frontier Transportation Authority as part of airport development.
- E. CBS seeks resolution of any outstanding issues with NYSDEC (none has been identified) that have delayed NYSDEC approval of the *Revised Work Plan* (Rev. 1, November 7, 2008) with respect to the Phase 1 closure of the 002 system. The Phase 1 closure of the 001 system was successfully completed in 2009, but the expected approval to continue with the 002 system closure has never been received from NYSDEC.

Mr. David P. Locey
July 18, 2011
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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 blue ink, appearing to read 'Leo M. Brausch', with a large, sweeping flourish extending to the right.

Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

cc: K. P. Lynch, CRA
F. Cefalu, NFTA

ATTACHMENT A
DISCHARGE MONITORING REPORT
JUNE 2011

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

Reporting Month & Year **Jun-11**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		10,131	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	7.46	8.27	s.u.		9	Grab
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		3.2	mg/L	0.27	1	Grab
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		< 1.0	ug/L	< 0.00008	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		< 1.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00009	1	Grab
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		< 0.15	ug/L	< 0.000013	1	Grab
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		13	ug/L	0.00110	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
ANALYTICAL LABORATORY REPORT
EFFLUENT SAMPLING – JUNE 2011

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-923-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

07/07/2011 08:09:02 AM

Carrie Gamber

Project Manager II

carrie.gamber@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

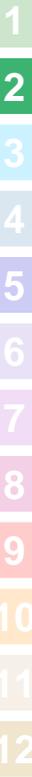


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Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

Job ID: 180-923-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-923-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

The following sample was diluted due to the abundance of target analytes: INF0611 (180-923-2).

Metals

No analytical or quality issues were noted.

General Chemistry

pH is a field parameter. Laboratory pH analysis was completed at the request of the client.

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Definitions/Glossary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Certification Summary

Client: Leo Brausch Consulting
 Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Pittsburgh	ACCLASS	DoD ELAP		ADE-1422
TestAmerica Pittsburgh	Arkansas	State Program	6	88-0690
TestAmerica Pittsburgh	California	NELAC	9	4224CA
TestAmerica Pittsburgh	Connecticut	State Program	1	PH-0688
TestAmerica Pittsburgh	Florida	NELAC	4	E871008
TestAmerica Pittsburgh	Illinois	NELAC	5	002602
TestAmerica Pittsburgh	Kansas	NELAC	7	E-10350
TestAmerica Pittsburgh	Louisiana	NELAC	6	04041
TestAmerica Pittsburgh	New Hampshire	NELAC	1	203011
TestAmerica Pittsburgh	New Jersey	NELAC	2	PA005
TestAmerica Pittsburgh	New York	NELAC	2	11182
TestAmerica Pittsburgh	North Carolina	North Carolina DENR	4	434
TestAmerica Pittsburgh	Pennsylvania	NELAC	3	02-00416
TestAmerica Pittsburgh	Pennsylvania	State Program	3	02-416
TestAmerica Pittsburgh	South Carolina	State Program	4	89014002
TestAmerica Pittsburgh	USDA	USDA		P-Soil-01
TestAmerica Pittsburgh	USDA	USDA		P330-10-00139
TestAmerica Pittsburgh	Utah	NELAC	8	STLP
TestAmerica Pittsburgh	West Virginia	West Virginia DEP	3	142
TestAmerica Pittsburgh	Wisconsin	State Program	5	998027800

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-923-1	EFF0611	Water	06/09/11 09:00	06/10/11 09:30
180-923-2	INF0611	Water	06/09/11 09:05	06/10/11 09:30

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Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL PIT
200.7 Rev 4.4	Metals (ICP)	EPA	TAL PIT
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL PIT
SM 4500 H+ B	pH	SM	TAL PIT

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Client Sample Results

Client: Leo Brusch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

Client Sample ID: EFF0611

Lab Sample ID: 180-923-1

Date Collected: 06/09/11 09:00

Matrix: Water

Date Received: 06/10/11 09:30

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			06/15/11 05:05	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/15/11 05:05	1
Toluene	1.0	U	1.0	0.15	ug/L			06/15/11 05:05	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/15/11 05:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/15/11 05:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/15/11 05:05	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		58 - 135		06/15/11 05:05	1
4-Bromofluorobenzene (Surr)	103		62 - 123		06/15/11 05:05	1
Toluene-d8 (Surr)	102		71 - 118		06/15/11 05:05	1
Dibromofluoromethane (Surr)	104		64 - 128		06/15/11 05:05	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.15	ug/L		06/14/11 10:33	06/21/11 21:09	1
Chromium	13		5.0	0.51	ug/L		06/14/11 10:33	06/21/11 21:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	3.2	J	4.0	2.0	mg/L			06/10/11 15:55	1
pH	8.27	HF	0.100	0.100	SU			06/10/11 13:50	1

Client Sample ID: INF0611

Lab Sample ID: 180-923-2

Date Collected: 06/09/11 09:05

Matrix: Water

Date Received: 06/10/11 09:30

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	5.6	J	13	1.9	ug/L			06/15/11 05:29	12.5
Tetrachloroethene	5.2	J	13	1.9	ug/L			06/15/11 05:29	12.5
Toluene	13	U	13	1.9	ug/L			06/15/11 05:29	12.5
1,1,1-Trichloroethane	13	U	13	3.6	ug/L			06/15/11 05:29	12.5
Trichloroethene	230		13	1.8	ug/L			06/15/11 05:29	12.5
Vinyl chloride	13	U	13	2.8	ug/L			06/15/11 05:29	12.5
1,2-Dichlorobenzene	13	U	13	1.9	ug/L			06/15/11 05:29	12.5
cis-1,2-Dichloroethene	37		13	3.0	ug/L			06/15/11 05:29	12.5

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		58 - 135		06/15/11 05:29	12.5
4-Bromofluorobenzene (Surr)	106		62 - 123		06/15/11 05:29	12.5
Toluene-d8 (Surr)	100		71 - 118		06/15/11 05:29	12.5
Dibromofluoromethane (Surr)	104		64 - 128		06/15/11 05:29	12.5

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.15	ug/L		06/14/11 10:33	06/21/11 21:33	1
Chromium	7.3		5.0	0.51	ug/L		06/14/11 10:33	06/21/11 21:33	1
Lead	3.0	U	3.0	1.3	ug/L		06/14/11 10:33	06/21/11 21:33	1

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

Client Sample ID: INF0611

Lab Sample ID: 180-923-2

Date Collected: 06/09/11 09:05

Matrix: Water

Date Received: 06/10/11 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	10.6	HF	0.100	0.100	SU			06/10/11 13:55	1

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QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-4336/3

Matrix: Water

Analysis Batch: 4336

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methylene Chloride	1.0	U	1.0	0.15	ug/L			06/14/11 21:03	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			06/14/11 21:03	1
Toluene	1.0	U	1.0	0.15	ug/L			06/14/11 21:03	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			06/14/11 21:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			06/14/11 21:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/14/11 21:03	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	109		58 - 135		06/14/11 21:03	1
4-Bromofluorobenzene (Surr)	104		62 - 123		06/14/11 21:03	1
Toluene-d8 (Surr)	101		71 - 118		06/14/11 21:03	1
Dibromofluoromethane (Surr)	101		64 - 128		06/14/11 21:03	1

Lab Sample ID: LCS 180-4336/23

Matrix: Water

Analysis Batch: 4336

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Methylene Chloride	20.0	19.1		ug/L		96	60 - 140
Tetrachloroethene	20.0	20.3		ug/L		101	73 - 127
Toluene	20.0	19.5		ug/L		97	74 - 126
Trichloroethene	20.0	20.5		ug/L		103	73 - 125
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	68 - 127
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	69 - 127

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	107		58 - 135
4-Bromofluorobenzene (Surr)	102		62 - 123
Toluene-d8 (Surr)	102		71 - 118
Dibromofluoromethane (Surr)	106		64 - 128

Lab Sample ID: 180-965-D-1 MS

Matrix: Water

Analysis Batch: 4336

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	% Rec	% Rec. Limits
				Result	Qualifier				
Methylene Chloride	120	J	6000	5800		ug/L		95	60 - 140
Tetrachloroethene	300	U	6000	5920		ug/L		99	73 - 127
Toluene	300	U	6000	5960		ug/L		99	74 - 126
1,1,1-Trichloroethane	300	U	6000	6110		ug/L		102	75 - 125
Trichloroethene	43	J	6000	6060		ug/L		100	73 - 125
Vinyl chloride	130	J	6000	5270		ug/L		86	30 - 140
1,2-Dichlorobenzene	150	J	6000	6080		ug/L		99	68 - 127
cis-1,2-Dichloroethene	160	J	6000	6270		ug/L		102	69 - 127

Surrogate	MS MS		Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		58 - 135
4-Bromofluorobenzene (Surr)	97		62 - 123

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-965-D-1 MS
Matrix: Water
Analysis Batch: 4336

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	MS MS		Limits
	% Recovery	Qualifier	
Toluene-d8 (Surr)	101		71 - 118
Dibromofluoromethane (Surr)	99		64 - 128

Lab Sample ID: 180-965-E-1 MSD
Matrix: Water
Analysis Batch: 4336

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Methylene Chloride	120	J	6000	6010		ug/L		98	60 - 140	3	25
Tetrachloroethene	300	U	6000	5830		ug/L		97	73 - 127	1	25
Toluene	300	U	6000	5940		ug/L		99	74 - 126	0	25
1,1,1-Trichloroethane	300	U	6000	6170		ug/L		103	75 - 125	1	25
Trichloroethene	43	J	6000	6000		ug/L		99	73 - 125	1	25
Vinyl chloride	130	J	6000	5040		ug/L		82	30 - 140	4	35
1,2-Dichlorobenzene	150	J	6000	6360		ug/L		103	68 - 127	5	35
cis-1,2-Dichloroethene	160	J	6000	6140		ug/L		100	69 - 127	2	20

Surrogate	MSD MSD		Limits
	% Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		58 - 135
4-Bromofluorobenzene (Surr)	92		62 - 123
Toluene-d8 (Surr)	93		71 - 118
Dibromofluoromethane (Surr)	95		64 - 128

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-4263/1-A
Matrix: Water
Analysis Batch: 5113

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 4263

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cadmium	5.0	U	5.0	0.15	ug/L		06/14/11 10:33	06/21/11 20:21	1
Chromium	5.0	U	5.0	0.51	ug/L		06/14/11 10:33	06/21/11 20:21	1
Lead	3.0	U	3.0	1.3	ug/L		06/14/11 10:33	06/21/11 20:21	1

Lab Sample ID: LCS 180-4263/2-A
Matrix: Water
Analysis Batch: 5113

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 4263

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec.
		Result	Qualifier				Limits
Cadmium	50.0	53.4		ug/L		107	85 - 115
Chromium	200	215		ug/L		108	85 - 115
Lead	500	543		ug/L		109	85 - 115

Lab Sample ID: 180-923-1 MS
Matrix: Water
Analysis Batch: 5113

Client Sample ID: EFF0611
Prep Type: Total Recoverable
Prep Batch: 4263

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Cadmium	5.0	U	50.0	51.2		ug/L		102	70 - 130

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 180-923-1 MS
Matrix: Water
Analysis Batch: 5113

Client Sample ID: EFF0611
Prep Type: Total Recoverable
Prep Batch: 4263

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Chromium	13		200	220		ug/L		103	70 - 130	
Lead	3.0		500	528		ug/L		106	70 - 130	

Lab Sample ID: 180-923-1 MSD
Matrix: Water
Analysis Batch: 5113

Client Sample ID: EFF0611
Prep Type: Total Recoverable
Prep Batch: 4263

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Cadmium	5.0	U	50.0	51.6		ug/L		103	70 - 130		1	20
Chromium	13		200	221		ug/L		104	70 - 130		0	20
Lead	3.0		500	535		ug/L		107	70 - 130		1	20

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 180-4037/2
Matrix: Water
Analysis Batch: 4037

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	4.0	U	4.0	2.0	mg/L			06/10/11 15:55	1

Lab Sample ID: LCS 180-4037/1
Matrix: Water
Analysis Batch: 4037

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	
							Added	Result
Total Suspended Solids	54.9	58.0		mg/L		106	80 - 120	

Lab Sample ID: 180-919-M-7 DU
Matrix: Water
Analysis Batch: 4037

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit	
Total Suspended Solids	4.0	U	4.0	U	mg/L			NC	20

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-4005/1
Matrix: Water
Analysis Batch: 4005

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	
							Added	Result
pH	7.00	7.040		SU		101	99 - 101	

Lab Sample ID: 180-917-Q-1 DU
Matrix: Water
Analysis Batch: 4005

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit	
pH	7.09		7.140		SU			0.7	2

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-923-1

GC/MS VOA

Analysis Batch: 4336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-4336/3	Method Blank	Total/NA	Water	624	
180-923-1	EFF0611	Total/NA	Water	624	
180-923-2	INF0611	Total/NA	Water	624	
LCS 180-4336/23	Lab Control Sample	Total/NA	Water	624	
180-965-D-1 MS	Matrix Spike	Total/NA	Water	624	
180-965-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	624	

Metals

Prep Batch: 4263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-4263/1-A	Method Blank	Total Recoverable	Water	200.7	
LCS 180-4263/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
180-923-1	EFF0611	Total Recoverable	Water	200.7	
180-923-1 MS	EFF0611	Total Recoverable	Water	200.7	
180-923-1 MSD	EFF0611	Total Recoverable	Water	200.7	
180-923-2	INF0611	Total Recoverable	Water	200.7	

Analysis Batch: 5113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-4263/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	4263
LCS 180-4263/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	4263
180-923-1	EFF0611	Total Recoverable	Water	200.7 Rev 4.4	4263
180-923-1 MS	EFF0611	Total Recoverable	Water	200.7 Rev 4.4	4263
180-923-1 MSD	EFF0611	Total Recoverable	Water	200.7 Rev 4.4	4263
180-923-2	INF0611	Total Recoverable	Water	200.7 Rev 4.4	4263

General Chemistry

Analysis Batch: 4005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-4005/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
180-917-Q-1 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	
180-923-1	EFF0611	Total/NA	Water	SM 4500 H+ B	
180-923-2	INF0611	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 4037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-4037/1	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 180-4037/2	Method Blank	Total/NA	Water	SM 2540D	
180-919-M-7 DU	Duplicate	Total/NA	Water	SM 2540D	
180-923-1	EFF0611	Total/NA	Water	SM 2540D	

ORIGIN ID: DKKA (716) 297-2160
BRITT GEBHARDT
CRA SERVICES
2055 NIAGARA FALLS BLVD

NIAGARA FALLS, NY 14304
UNITED STATES US

SHIP DATE: 09JUN11
ACTWGT: 26.0 LB MAN
CAD: 68417/CAFE2472
DIMS: 22x16x12 IN

BILL SENDER

TO DAVE DUNLOP
TESTAMERICA
301 ALPHA DRIVE

PITTSBURGH PA 152381330

(412) 963-7058
REF: 018036-1170 BOLLER



TRK# 9803 8533 8560
0201

FRI - 10 JUN A2
STANDARD OVERNIGHT

XH AGCA

15238
PA-US
PIT



505C1/0C80/DA47

Part # 154254-354 RIT2 11/10
Part # 154254-353 RIT2 11/10

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-923-1

Login Number: 923

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Oakley, Jason

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

