



CBS Corporation

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

Via Electronic and First-Class Mail

November 20, 2012

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:

As a Respondent to the Order on Consent and Settlement Agreement (Index No. B9-0381-91-8) entered with the New York State Department of Environmental Conservation (NYSDEC), CBS Corporation (CBS) submits this monthly status report regarding operation and maintenance (O&M) activities at NYSDEC Site No. 9-15-066 in Cheektowaga, New York (the "Site"). This report addresses activities conducted by CBS in October 2012 and transmits the discharge monitoring report for this period.

1. Site Activities and Status

- A. CBS operated the recovery and treatment system through October 16, 2012.¹
- B. On behalf of CBS, Conestoga-Rovers & Associates (CRA) conducted routine and non-routine O&M, and TestAmerica Laboratories, Inc. provided required analytical laboratory services.
- C. On October 10, 2012, CBS submitted the *Work Plan, Closure of Groundwater Collection and Treatment System* providing proposed methods, procedures,

¹ Previously, in communications with NYSDEC and the Niagara Frontier Transportation Authority, CBS indicated that it would operate the system through October 12, 2012. The system was operated through October 16, 2012 to allow for collection of the monthly effluent sample in accordance with the NYSDEC discharge authorization.

and work sequence for closure of the groundwater collection and treatment system installed and operated as part of Operable Unit 2 at the Site.

- D. On October 12, 2012, CBS submitted to NYSDEC a monthly report on the status of O&M activities at the Site for September 2012. That status report also transmitted the discharge monitoring data for September 2012.
- E. On October 15, 2012, CRA submitted electronic data deliverables to NYSDEC for the September 2012 quarterly sampling at monitoring well MW-32 located in Area P at the northern end of the Site.
- F. On October 23, 2012, CRA completed placing the treatment system on standby/idle in advance of the closure of the collection and treatment system. The pumps in the collection manholes were turned off, and the two equalization tanks inside the treatment building were drained. The system was left so that it can be restarted with little or no ramp-up time.²

2. Sampling Results and Other Site Data

- A. Over the timeframe of October 1 through October 16, 2012, the groundwater system recovered and treated an estimated 37,000 gallons.
- B. Attachment A provides the discharge monitoring report for October 2012 based on the effluent sample collected on October 16, 2012. Attachment B provides the analytical laboratory report for this effluent sample.³
- C. In reviewing the treatment system effluent monitoring information, please note the following:
 - Flow data are provided via periodic on-site readings. The maximum daily flow was calculated from these data.
 - The pH data are provided via periodic on-site readings. 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

² The building sump pump and main treatment pump were left in Auto mode to avoid the potential for flooding of the treatment building during heavy rainfall events. If the building sump were to fill, the building sump pump would kick on and pump the water to the equalization tanks. If this recurred several times and the equalizations tank filled, the main treatment pump would kick on and the water would be treated and discharged so as not to flood the plant building.

³ CRA is submitting the electronic data deliverables to NYSDEC for this sample under separate cover.

effluent monitoring, irrespective of whether the actual maximum daily flow occurred on the day of sampling.

- D. For the October 2012 reporting period, the effluent complied with all discharge limitations.

3. Upcoming Activities

- A. CBS will implement the plan for closure of the groundwater collection and treatment system plan upon NYSDEC approval. The timing of the field work is, however, weather-dependent.
- B. CRA will conduct semi-annual groundwater sampling in December 2012.

4. Operational Problems

- A. None at this time.

* * * *

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

Very truly yours,



Leo M. Brausch
Consultant/Project Engineer

LMB:
Attachments

cc (via electronic mail):

W. D. Wall, Esq.
M. G. Graham, Esq.
K. P. Lynch, CRA
T. Carvana, NFTA

ATTACHMENT A
DISCHARGE MONITORING REPORT
OCTOBER 2012

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

Reporting Month & Year **Oct-12**

Parameter		Daily Minimum	Daily Maximum	Units	Daily Maximum (lbs/day)	Measurement Frequency	Sample Type
Flow	Monitoring Result		3,882	gpd		Continuous	Meter
	Discharge Limitation		28,800	gpd		Continuous	Meter
pH	Monitoring Result	7.25	7.69	s.u.		6	Grab
	Discharge Limitation	6.5	8.5	s.u.		Weekly	Grab
Total suspended solids	Monitoring Result		< 4.0	mg/L	< 0.13	1	Grab
	Discharge Limitation		20	mg/L		Monthly	Grab
Toluene	Monitoring Result		< 1.0	ug/L	< 0.00003	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
Methylene chloride	Monitoring Result		< 1.0	ug/L	< 0.00003	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
1,2-dichlorobenzene	Monitoring Result		< 1.0	ug/L	< 0.00004	1	Grab
	Discharge Limitation		5	ug/L		Monthly	Grab
cis-1,2-dichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00004	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Trichloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00004	1	Grab
	Discharge Limitation		10	ug/L		Monthly	Grab
Tetrachloroethylene	Monitoring Result		< 1.0	ug/L	< 0.00004	1	Grab
	Discharge Limitation		50	ug/L		Monthly	Grab
Cadmium	Monitoring Result		< 1.0	ug/L	< 0.00003	1	Grab
	Discharge Limitation		3	ug/L		Monthly	Grab
Chromium	Monitoring Result		1.5	ug/L	0.000049	1	Grab
	Discharge Limitation		99	ug/L		Monthly	Grab

ATTACHMENT B
ANALYTICAL LABORATORY REPORT
OCTOBER 2012 EFFLUENT SAMPLE

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: 180-15480-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

10/29/2012 10:25:16 AM

Jill Colussy

Project Manager I

jill.colussy@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1

2

3

4

5

6

7

8

9

10

11

12



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Client Sample Results	8
QC Sample Results	9
QC Association	12
Chain of Custody	13
Receipt Checklists	14

Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-15480-1

Job ID: 180-15480-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-15480-1

Receipt

The sample was received on 10/17/2012 9:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA

No analytical or quality issues were noted.

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.



Definitions/Glossary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-15480-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

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.
HF	Field parameter with a holding time of 15 minutes

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
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-15480-1

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-13
California	NELAC	9	4224CA	03-31-13
Connecticut	State Program	1	PH-0688	09-30-14
Florida	NELAC	4	E871008	06-30-13
Illinois	NELAC	5	002602	06-30-13
Kansas	NELAC	7	E-10350	01-31-13
L-A-B	DoD ELAP		L2314	02-24-13
Louisiana	NELAC	6	04041	06-30-13
New Hampshire	NELAC	1	203011	04-04-13
New Jersey	NELAC	2	PA005	06-30-13
New York	NELAC	2	11182	04-01-13
North Carolina DENR	State Program	4	434	12-31-12
Pennsylvania	NELAC	3	02-00416	04-30-13
South Carolina	State Program	4	89014	04-30-13
USDA	Federal		P-Soil-01	04-16-15
USDA	Federal		P330-10-00139	04-28-13
Utah	NELAC	8	STLP	04-30-13
Virginia	NELAC	3	460189	09-14-13
West Virginia DEP	State Program	3	142	01-31-13
Wisconsin	State Program	5	998027800	08-31-13

Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-15480-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-15480-1	EFF1012	Water	10/16/12 11:00	10/17/12 09:00

1

2

3

4

5

6

7

8

9

10

11

12

Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-15480-1

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 Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-15480-1

Client Sample ID: EFF1012

Lab Sample ID: 180-15480-1

Date Collected: 10/16/12 11:00

Matrix: Water

Date Received: 10/17/12 09:00

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			10/17/12 17:20	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			10/17/12 17:20	1
Toluene	1.0	U	1.0	0.15	ug/L			10/17/12 17:20	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			10/17/12 17:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			10/17/12 17:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/17/12 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	134		58 - 135		10/17/12 17:20	1
4-Bromofluorobenzene (Surr)	103		62 - 123		10/17/12 17:20	1
Toluene-d8 (Surr)	99		71 - 118		10/17/12 17:20	1
Dibromofluoromethane (Surr)	114		64 - 128		10/17/12 17:20	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		10/19/12 11:43	10/23/12 13:36	1
Chromium	1.5	J	5.0	0.51	ug/L		10/19/12 11:43	10/23/12 13:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	2.0	mg/L			10/18/12 08:49	1
pH	7.48	HF	0.100	0.100	SU			10/25/12 16:18	1

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-15480-1

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

Lab Sample ID: MB 180-52283/4

Matrix: Water

Analysis Batch: 52283

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.15	ug/L			10/17/12 14:32	1
Tetrachloroethene	1.0	U	1.0	0.15	ug/L			10/17/12 14:32	1
Toluene	1.0	U	1.0	0.15	ug/L			10/17/12 14:32	1
Trichloroethene	1.0	U	1.0	0.14	ug/L			10/17/12 14:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.15	ug/L			10/17/12 14:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/17/12 14:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	131		58 - 135		10/17/12 14:32	1
4-Bromofluorobenzene (Surr)	105		62 - 123		10/17/12 14:32	1
Toluene-d8 (Surr)	99		71 - 118		10/17/12 14:32	1
Dibromofluoromethane (Surr)	113		64 - 128		10/17/12 14:32	1

Lab Sample ID: LCS 180-52283/3

Matrix: Water

Analysis Batch: 52283

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	20.0	16.8		ug/L		84	60 - 140
Tetrachloroethene	20.0	17.6		ug/L		88	73 - 127
Toluene	20.0	17.8		ug/L		89	74 - 126
Trichloroethene	20.0	20.1		ug/L		101	73 - 125
1,2-Dichlorobenzene	20.0	17.8		ug/L		89	68 - 127
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	69 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		58 - 135
4-Bromofluorobenzene (Surr)	103		62 - 123
Toluene-d8 (Surr)	91		71 - 118
Dibromofluoromethane (Surr)	108		64 - 128

Lab Sample ID: 180-15480-1 MS

Matrix: Water

Analysis Batch: 52283

Client Sample ID: EFF1012

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	1.0	U	20.0	18.5		ug/L		92	60 - 140
Tetrachloroethene	1.0	U	20.0	23.0		ug/L		115	73 - 127
Toluene	1.0	U	20.0	22.1		ug/L		111	74 - 126
Trichloroethene	1.0	U	20.0	23.0		ug/L		115	73 - 125
1,2-Dichlorobenzene	1.0	U	20.0	21.2		ug/L		106	68 - 127
cis-1,2-Dichloroethene	1.0	U	20.0	21.3		ug/L		107	69 - 127

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	120		58 - 135
4-Bromofluorobenzene (Surr)	115		62 - 123
Toluene-d8 (Surr)	107		71 - 118
Dibromofluoromethane (Surr)	113		64 - 128

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-15480-1

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

Lab Sample ID: 180-15480-1 MSD

Matrix: Water

Analysis Batch: 52283

Client Sample ID: EFF1012

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	1.0	U	20.0	17.8		ug/L		89	60 - 140	4	25
Tetrachloroethene	1.0	U	20.0	21.9		ug/L		110	73 - 127	5	25
Toluene	1.0	U	20.0	21.5		ug/L		108	74 - 126	3	25
Trichloroethene	1.0	U	20.0	22.6		ug/L		113	73 - 125	2	25
1,2-Dichlorobenzene	1.0	U	20.0	20.8		ug/L		104	68 - 127	2	35
cis-1,2-Dichloroethene	1.0	U	20.0	21.4		ug/L		107	69 - 127	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	124		58 - 135
4-Bromofluorobenzene (Surr)	115		62 - 123
Toluene-d8 (Surr)	109		71 - 118
Dibromofluoromethane (Surr)	121		64 - 128

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 180-52553/1-A

Matrix: Water

Analysis Batch: 52986

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 52553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.15	ug/L		10/19/12 11:43	10/23/12 12:12	1
Chromium	5.0	U	5.0	0.51	ug/L		10/19/12 11:43	10/23/12 12:12	1

Lab Sample ID: LCS 180-52553/2-A

Matrix: Water

Analysis Batch: 52986

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 52553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	47.3		ug/L		95	85 - 115
Chromium	200	193		ug/L		97	85 - 115

Lab Sample ID: 180-15497-K-1-B MS

Matrix: Water

Analysis Batch: 52986

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 52553

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	5.0	U	50.0	46.5		ug/L		93	70 - 130
Chromium	0.56	J	200	192		ug/L		96	70 - 130

Lab Sample ID: 180-15497-K-1-C MSD

Matrix: Water

Analysis Batch: 52986

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 52553

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	5.0	U	50.0	46.1		ug/L		92	70 - 130	1	20
Chromium	0.56	J	200	189		ug/L		94	70 - 130	1	20

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-15480-1

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

Lab Sample ID: MB 180-52376/2
Matrix: Water
Analysis Batch: 52376

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0	U	4.0	2.0	mg/L			10/18/12 08:49	1

Lab Sample ID: LCS 180-52376/1
Matrix: Water
Analysis Batch: 52376

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	52.9	46.0		mg/L		87	80 - 120

Lab Sample ID: 180-15476-A-1 DU
Matrix: Water
Analysis Batch: 52376

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	2.8	J	2.80	J	mg/L		0	20

Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 180-53217/1
Matrix: Water
Analysis Batch: 53217

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.950		SU		99	99 - 101

Lab Sample ID: 180-15456-A-1 DU
Matrix: Water
Analysis Batch: 53217

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.84		7.850		SU		0.1	2

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-15480-1

GC/MS VOA

Analysis Batch: 52283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-15480-1	EFF1012	Total/NA	Water	624	
180-15480-1 MS	EFF1012	Total/NA	Water	624	
180-15480-1 MSD	EFF1012	Total/NA	Water	624	
LCS 180-52283/3	Lab Control Sample	Total/NA	Water	624	
MB 180-52283/4	Method Blank	Total/NA	Water	624	

Metals

Prep Batch: 52553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-15480-1	EFF1012	Total Recoverable	Water	200.7	
180-15497-K-1-B MS	Matrix Spike	Total Recoverable	Water	200.7	
180-15497-K-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7	
LCS 180-52553/2-A	Lab Control Sample	Total Recoverable	Water	200.7	
MB 180-52553/1-A	Method Blank	Total Recoverable	Water	200.7	

Analysis Batch: 52986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-15480-1	EFF1012	Total Recoverable	Water	200.7 Rev 4.4	52553
180-15497-K-1-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	52553
180-15497-K-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	52553
LCS 180-52553/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	52553
MB 180-52553/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	52553

General Chemistry

Analysis Batch: 52376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-15476-A-1 DU	Duplicate	Total/NA	Water	SM 2540D	
180-15480-1	EFF1012	Total/NA	Water	SM 2540D	
LCS 180-52376/1	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 180-52376/2	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 53217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-15456-A-1 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	
180-15480-1	EFF1012	Total/NA	Water	SM 4500 H+ B	
LCS 180-53217/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

TestAmerica Pittsburgh
 301 Alpha Drive RIDC Park
 Pittsburgh, PA 15238
 Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

1540

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

Client Information
 Client Contact: Mr. Leo Brausch
 Company: Leo Brausch Consulting
 Address: 131 Wedgewood Drive
 City: Gibsonsia
 State, Zip: PA, 15044
 Phone:
 Email: lbrausch@lynet
 Project Name: Buffalo Airport
 Site: New York

Due Date Requested: 10-16-12
 TAT Requested (days):
 PO #:
 Purchase Order not requir
 W/O #:
 Project #:
 18006817
 SSOV#:

Sample ID: ECE/1012
 Sample Date: 10/11/12
 Sample Time: 11:00
 Sample Type: G
 Matrix: Water
 Field Filtered Sample (Yes or No):
 Perform IMS/MSD (Yes or No):
 2540D, SM4600_H+
 200.7 - (MOD) Special List 200.7
 624_25ml - (MOD) Volatiles - PPL List
 Total Number of Containers:
 Special Instructions/Note:

Lab No.: Colussy, Jill L
 E-Mail: jill.colussy@testamericainc.com
 Carrier Tracking No(s):
 COC No.: 180-3304-57.1
 Page: Page 1 of 1
 Job #:

Analysis Requested:
 Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - NaHSO4
 F - MeOH
 G - Amchlor
 H - Acetic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - EDTA
 Other:
 M - Hexane
 N - None
 O - AsHClO2
 P - Na2CO3
 Q - Na2SO3
 R - Na2S2O3
 S - H2SO4
 T - TSP Dodecahydrate
 U - Acetone
 V - MCAA
 W - pH 4.5
 Z - other (specify)

Possible Hazard Identification
 Non-Hazard
 Flammable
 Skin Irritant
 Poison B
 Unknown
 Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by:
 Relinquished by: [Signature]
 Date/Time: 10-16-12
 Company: [Signature]
 Relinquished by: [Signature]
 Date/Time: 10/12/12
 Company: [Signature]

Custody Seals Intact: Yes No
 Custody Seal No.:
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client
 Disposal By Lab
 Archive For _____ Months
 Special Instructions/QC Requirements:
 Method of Shipment:
 Received by: [Signature]
 Date/Time: 10/12/12
 Company: [Signature]

Relinquished by: [Signature]
 Date/Time: 10-16-12
 Company: [Signature]
 Relinquished by: [Signature]
 Date/Time: 10/12/12
 Company: [Signature]
 Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-15480-1

Login Number: 15480

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Gamber, Tom

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-15480-1

Login Number: 15480

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Gamber, Tom

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	