



CBS Corporation

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

October 11, 2013

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 Status 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 for activities undertaken by CBS in September 2013 at NYSDEC Site No. 9-15-066 in Cheektowaga, New York (the "Site").

1. Site Activities and Status

- A. On September 14, 2013, CBS submitted to NYSDEC a monthly report on the status of its activities at the Site in August 2013.
- B. On September 26, 2013, Conestoga-Rovers & Associates completed the sampling for the quarterly groundwater monitoring at well MW-32. Samples were submitted to TestAmerica Laboratories, Inc. in Pittsburgh, Pennsylvania for analysis.

2. Sampling Results and Other Site Data

- A. Table 1 presents the results of quarterly monitoring of well MW-32 located in Area P at the northern portion of the Site, including the most-recent sample collected on September 26, 2013.
- B. Figure 1 shows target volatile organic compound (VOC) concentrations over time at well MW-32. As shown in Figure 1, total target VOC concentrations

decreased significantly at well MW-32 following the *in situ* chemical oxidation treatment that was conducted after the source removal specified in the June 1995 Record of Decision (ROD) failed to result in low residual VOC concentrations at this well. Following this initial sharp decline in concentrations and a brief rebound period, the VOC concentrations at this well have been stable with a slight decreasing trend over the past six years of monitoring.

- C. Attachment A provides the analytical laboratory data report for the quarterly groundwater monitoring.
- D. CBS developed no other sampling or Site data during the September 2013 reporting period.

3. Upcoming Activities

- A. None currently planned.

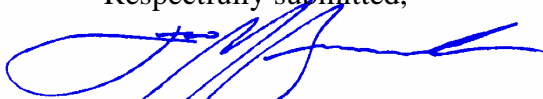
4. Operational Problems

- A. CBS and the Niagara Frontier Transportation Authority (NFTA) continue to exchange technical information and other comments and positions with regard to closure of the groundwater collection and treatment system and in consideration of NYSDEC comments. CBS is holding off submitting a revised *Work Plan, Closure of Groundwater Collection and Treatment System* until that exchange has been completed.
- B. Problems associated with the operation and maintenance of the Site groundwater collection and treatment system have been addressed in previously submitted monthly status reports.

* * * *

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

David P. Locey
October 11, 2013
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LMB:
Attachments

cc: Christine D'Aloise, NFTA
Tim Carvana, NFTA
M. G. Graham, Esq.
Kevin P. Lynch, CRA
W. D. Wall, Esq.

TABLES

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

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
05/11/00	1,500	5 U	5 U	3,700	540	5 U	3 U
12/01/00	2,200	5 U	5 U	1,200	110	1 U	10 U
12/01/00 (Dup)	2,300	10 U	10 U	1,900	230 J	NA	NA
03/30/01	1,600	100 U	100 U	650	340	5 U	3 U
03/30/01 (Dup)	1,500	100 U	100 U	610	310	5 U	3 U
06/21/01	2,800	250 U	250 U	4,100	890	5 U	3 U
06/21/01 (Dup)	2,700	250 U	250 U	4,000	830	5 U	3 U
09/13/01	4,000	250 U	250 U	2,900	1,000	0.70 J	3 U
09/13/01 (Dup)	4,100	250 U	250 U	2,800	1,100	0.83 J	3 U
12/13/01	2,300	200 U	200 U	2,500	590	5 U	3 U
12/31/01 (Dup)	2,200	200 U	200 U	2,400	560	5 U	3 U
03/14/02	560	250 U	250 U	730	98	5 U	3 U
03/14/02 (Dup)	570	250 U	250 U	710	100	5 U	3 U
07/10/02	1,200	NA	NA	2,000	190	NA	NA
12/31/02	480	NA	50 U	530	66	0.34 J	4.9
12/31/02 (Dup)	510	NA	50 U	580	77	5 U	4.7
03/29/03	1,000	80 U	80 U	740	150	5 U	3 U
06/17/03	1,100	200 U	200 U	2,400	130 J	0.34 J	4.9
06/17/03 (Dup)	1,100	100 U	100 U	1,700	110	5 U	3 U
09/26/03	2,800	100 U	100 U	8,100	310 J	5 U	3 U
12/22/03	1,000	100 U	100 U	1,300	97 J	5 U	1.1 J
03/29/04	460	10 U	10 U	570	20 J	5 U	3 U
06/30/04	620	200 U	200 U	1,900	200 U	5 U	3 U
09/13/04	2,100	200 U	200 U	2,900	130 J	5 U	1.8 J
12/17/04	640	10 U	10 U	420	45	5 U	3 U
12/17/04 (Dup)	760	50 U	50 U	790	50 J	5 U	2.3 J
03/31/05	570	50 U	50 U	680	49 J	5 U	3 U
06/22/05	540	10 U	10 U	810	100	5 U	3 U
06/22/05 (Dup)	1,100	100 U	100 U	880	140	5 U	3 U

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

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
09/09/05	1,400	330 U	330 U	1,700	96 J	5 U	3 U
12/14/05	900	10 U	10 U	700	56	5 U	3 U
12/14/05 (Dup)	1,200	100 U	100 U	750	68 J	5 U	3 U
03/23/06	350	30 U	30 U	290	36	5 U	3 U
06/13/06	410	50 U	50 U	440	13 J	5 U	3 U
06/13/06 (Dup)	540	50 U	50 U	880	51	5 U	3 U
09/11/06	1,400	150 U	150 U	2,000	85 J	0.34 J	4.9 J
12/12/06	290	40 U	40 U	67	42 J	5 U	1.2 B
12/12/06 (Dup)	590	50 U	50 U	240	75 J	5 U	3.1
03/27/07	380	10 U	10 U	22	36 J	5 U	2.4 J
06/26/07	1,700	150 U	150 U	23 J	710	5 U	1.5 J
09/17/07	2,500	150 U	150 U	410	140	5 U	1.5 J
12/19/07	1,500	150 U	150 U	160	200	0.29 J	3.0
12/19/07 (Dup)	1,500	100 U	100 U	170	200	5 U	3 U
03/19/08	530	40 U	40 U	110	53	0.38 J	2.2 J
06/26/08	520	50 U	50 U	310	27 J	5 U	1 U
09/30/08	420	50 U	50 U	120	48	5 U	1 U
12/11/08	200	20 U	20 U	200	9.9 J	5 U	5.4
12/11/08 (Dup)	170	10 U	10 U	180	9.0 J	5 U	3.5
03/05/09	280	20 U	20 U	170	25	0.090 J	4.1
06/22/09	430	40 U	40 U	590	22 J	5 U	1.6 J
06/22/09 (Dup)	410	40 U	40 U	540	24 J	5 U	3.4
09/10/09	320	25 U	25 U	330	26	5 U	3.8
12/07/09	390	50 U	50 U	370	17 J	5 U	2.5 J
12/07/09 (Dup)	380	50 U	50 U	370	16 J	5 U	1.1 J
03/22/10	360	25 U	25 U	160	25 J	5 U	3.1
06/14/10	260	20 U	20 U	250	18 J	5 U	2.5 J
09/03/10	240	20 U	20 U	240	17 J	5 U	3 U
12/21/10	400	50 U	50 U	290	22 J	5 U	3 U
03/24/11	210	20 U	20 U	130	11 J	5 U	3 U
06/14/11	190	5 U	5 U	210	11	5 U	1.6 J

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

Date of Sampling	Constituent Concentration (ug/L)						
	cis-1,2-dichloroethylene	Toluene	1,1,1-trichloroethane	Trichloroethylene	Vinyl Chloride	Cadmium	Lead
09/09/11	330	10 U	10 U	410	32	5 U	3 U
12/16/11	230	13 U	13 U	280	19	5 U	3 U
03/13/12	230	5 U	5 U	260	13	0.19 J	3 U
06/19/12	210	25 U	25 U	200	11 J	5 U	1.4 J
09/27/12	540	25 U	25 U	430	45	0.13 J	3.0
12/19/12	430	5 U	5 U	530	19	5 U	3.1
03/18/13	200	5 U	5 U	220	15	0.13 J	3 U
06/20/13	180	5 U	5 U	220	9.6	5 U	1.4 J
09/26/13	250	5 U	5 U	210	26	5 U	3.0 J

Data Legend:

"NA" - indicates not analyzed

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

For clarity, the results of the most-recent sampling round are highlighted in light green.

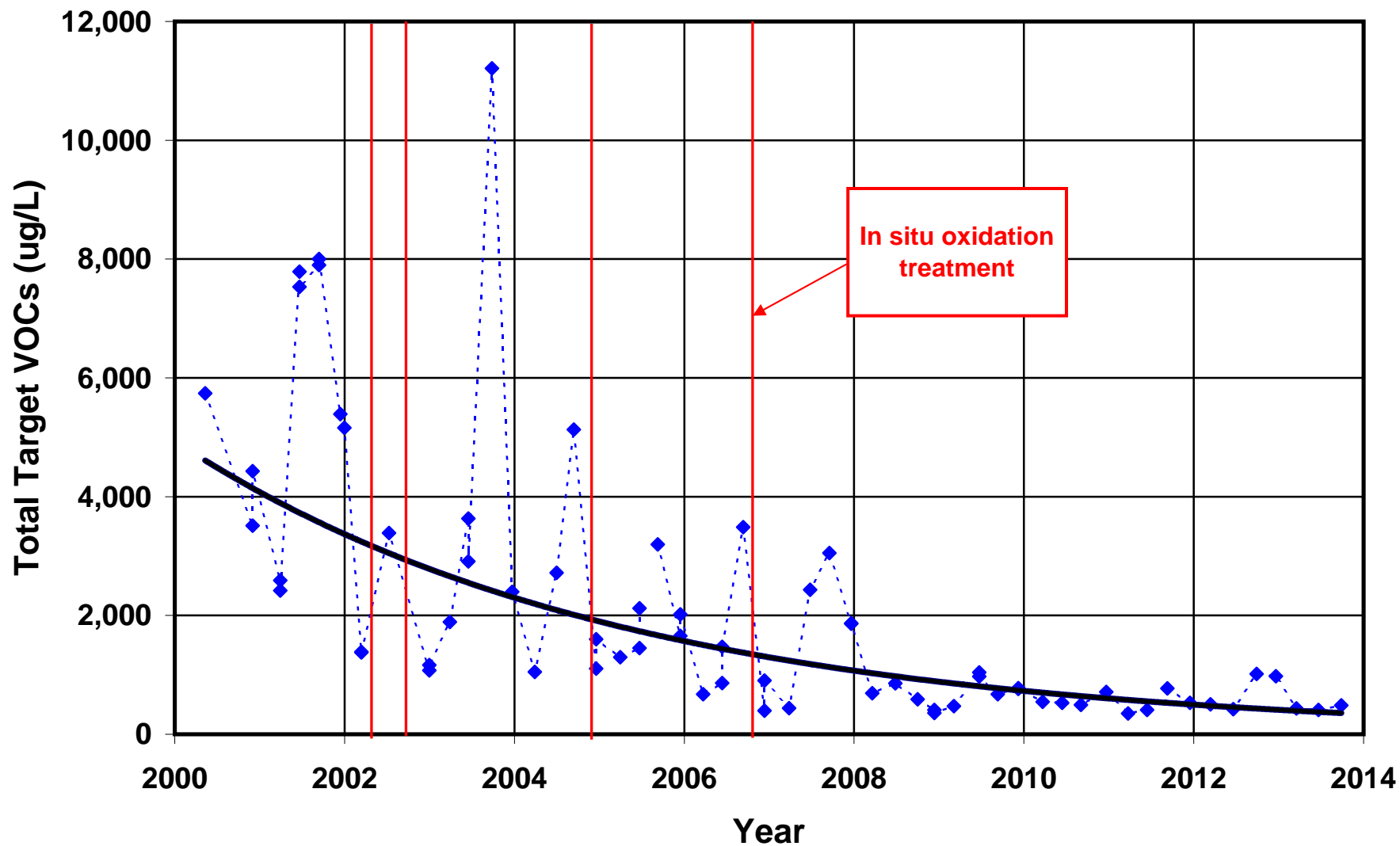
Data qualifiers:

U - not detected at indicated reporting limit

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

FIGURE

Figure 1: Total Target VOCs at MW-32



ATTACHMENT A
ANALYTICAL LABORATORY REPORT
SEPTEMBER 2013 QUARTERLY GROUNDWATER MONITORING

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: 180-25540-1

Client Project/Site: Buffalo Airport

For:

Leo Brausch Consulting

131 Wedgewood Drive

Gibsonia, Pennsylvania 15044

Attn: Mr. Leo Brausch



Authorized for release by:

10/11/2013 11:26:55 AM

Jill Colussy, Project Manager I

(412)963-2444

jill.colussy@testamericainc.com

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results through

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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.

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Case Narrative

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-25540-1

Job ID: 180-25540-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-25540-1

Receipt

The samples were received on 9/27/2013 8:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.3° C.

GC/MS VOA

The following sample was diluted to bring the concentration of target analytes within the calibration range: WG-18036-092613-001 (180-25540-1). Elevated reporting limits (RLs) are provided.

Metals

No analytical or quality issues were noted.



Definitions/Glossary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-25540-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
E	Result exceeded calibration range.

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.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
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: 180-25540-1

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	06-27-14
California	NELAP	9	4224CA	03-31-14
Connecticut	State Program	1	PH-0688	09-30-14
Florida	NELAP	4	E871008	06-30-14
Illinois	NELAP	5	002602	06-30-14
Kansas	NELAP	7	E-10350	01-31-14
L-A-B	DoD ELAP		L2314	07-16-16
Louisiana	NELAP	6	04041	06-30-13 *
New Hampshire	NELAP	1	203011	04-05-14
New Jersey	NELAP	2	PA005	06-30-14
New York	NELAP	2	11182	04-01-14
North Carolina DENR	State Program	4	434	12-31-13
Pennsylvania	NELAP	3	02-00416	04-30-14
South Carolina	State Program	4	89014	04-30-14
US Fish & Wildlife	Federal		LE94312A-1	11-30-14
USDA	Federal		P330-10-00139	05-23-16
Utah	NELAP	8	STLP	04-30-14
Virginia	NELAP	3	460189	09-14-14
West Virginia DEP	State Program	3	142	01-31-14
Wisconsin	State Program	5	998027800	08-31-14

* Expired certification is currently pending renewal and is considered valid.



Sample Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-25540-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-25540-1	WG-18036-092613-001	Water	09/26/13 10:05	09/27/13 08:45
180-25540-2	TB-18036-092613	Water	09/26/13 00:00	09/27/13 08:45

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Method Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-25540-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
6010B	Metals (ICP)	SW846	TAL PIT

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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



Lab Chronicle

Client: Leo Brausch Consulting
 Project/Site: Buffalo Airport

TestAmerica Job ID: 180-25540-1

Client Sample ID: WG-18036-092613-001

Lab Sample ID: 180-25540-1

Date Collected: 09/26/13 10:05

Matrix: Water

Date Received: 09/27/13 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	3	5 mL	5 mL	85100	09/29/13 20:09	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Analysis	8260B		1	5 mL	5 mL	85100	09/29/13 16:35	PJJ	TAL PIT
Instrument ID: HP4										
Total/NA	Prep	3010A			50 mL	50 mL	85749	10/04/13 11:48	CEH	TAL PIT
Total/NA	Analysis	6010B		1			86259	10/09/13 13:06	RJR	TAL PIT
Instrument ID: Q										

Client Sample ID: TB-18036-092613

Lab Sample ID: 180-25540-2

Date Collected: 09/26/13 00:00

Matrix: Water

Date Received: 09/27/13 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	85100	09/29/13 15:01	PJJ	TAL PIT
Instrument ID: HP4										

Laboratory References:

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

Analyst References:

Lab: TAL PIT

Batch Type: Prep

CEH = Caitlyn Haluck

Batch Type: Analysis

PJJ = Patrick Journet

RJR = Ron Rosenbaum

Client Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-25540-1

Client Sample ID: WG-18036-092613-001

Lab Sample ID: 180-25540-1

Date Collected: 09/26/13 10:05

Matrix: Water

Date Received: 09/27/13 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	5.0	U	5.0	0.85	ug/L			09/29/13 16:35	1
Vinyl chloride	23		5.0	1.3	ug/L			09/29/13 16:35	1
cis-1,2-Dichloroethene	320	E	5.0	0.67	ug/L			09/29/13 16:35	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			09/29/13 16:35	1
Trichloroethene	210		5.0	0.80	ug/L			09/29/13 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		62 - 123		09/29/13 16:35	1
Toluene-d8 (Surr)	114		80 - 120		09/29/13 16:35	1
4-Bromofluorobenzene (Surr)	99		75 - 120		09/29/13 16:35	1
Dibromofluoromethane (Surr)	97		80 - 120		09/29/13 16:35	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	15	U	15	2.5	ug/L			09/29/13 20:09	3
Vinyl chloride	26		15	3.9	ug/L			09/29/13 20:09	3
cis-1,2-Dichloroethene	250		15	2.0	ug/L			09/29/13 20:09	3
1,1,1-Trichloroethane	15	U	15	3.1	ug/L			09/29/13 20:09	3
Trichloroethene	200		15	2.4	ug/L			09/29/13 20:09	3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		62 - 123		09/29/13 20:09	3
Toluene-d8 (Surr)	103		80 - 120		09/29/13 20:09	3
4-Bromofluorobenzene (Surr)	88		75 - 120		09/29/13 20:09	3
Dibromofluoromethane (Surr)	87		80 - 120		09/29/13 20:09	3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	5.0	U	5.0	0.13	ug/L		10/04/13 11:48	10/09/13 13:06	1
Lead	3.0	J	10	1.3	ug/L		10/04/13 11:48	10/09/13 13:06	1

Client Sample ID: TB-18036-092613

Lab Sample ID: 180-25540-2

Date Collected: 09/26/13 00:00

Matrix: Water

Date Received: 09/27/13 08:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	5.0	U	5.0	0.85	ug/L			09/29/13 15:01	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			09/29/13 15:01	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			09/29/13 15:01	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			09/29/13 15:01	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			09/29/13 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		62 - 123		09/29/13 15:01	1
Toluene-d8 (Surr)	104		80 - 120		09/29/13 15:01	1
4-Bromofluorobenzene (Surr)	94		75 - 120		09/29/13 15:01	1
Dibromofluoromethane (Surr)	96		80 - 120		09/29/13 15:01	1

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-25540-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-85100/3

Matrix: Water

Analysis Batch: 85100

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	5.0	U	5.0	0.85	ug/L			09/29/13 14:21	1
Vinyl chloride	5.0	U	5.0	1.3	ug/L			09/29/13 14:21	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.67	ug/L			09/29/13 14:21	1
1,1,1-Trichloroethane	5.0	U	5.0	1.0	ug/L			09/29/13 14:21	1
Trichloroethene	5.0	U	5.0	0.80	ug/L			09/29/13 14:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		62 - 123		09/29/13 14:21	1
Toluene-d8 (Surr)	111		80 - 120		09/29/13 14:21	1
4-Bromofluorobenzene (Surr)	98		75 - 120		09/29/13 14:21	1
Dibromofluoromethane (Surr)	94		80 - 120		09/29/13 14:21	1

Lab Sample ID: LCS 180-85100/11

Matrix: Water

Analysis Batch: 85100

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	40.0	43.2		ug/L		108	80 - 124
Vinyl chloride	40.0	34.1		ug/L		85	57 - 128
cis-1,2-Dichloroethene	40.0	40.4		ug/L		101	82 - 116
1,1,1-Trichloroethane	40.0	49.8		ug/L		125	69 - 134
Trichloroethene	40.0	39.7		ug/L		99	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	120		62 - 123
Toluene-d8 (Surr)	105		80 - 120
4-Bromofluorobenzene (Surr)	119		75 - 120
Dibromofluoromethane (Surr)	101		80 - 120

Lab Sample ID: 180-25499-A-1 MS

Matrix: Water

Analysis Batch: 85100

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	5.0	U	40.0	41.4		ug/L		103	80 - 124
Vinyl chloride	5.0	U	40.0	30.2		ug/L		76	57 - 128
cis-1,2-Dichloroethene	5.0	U	40.0	38.9		ug/L		97	82 - 116
1,1,1-Trichloroethane	5.0	U	40.0	47.5		ug/L		119	69 - 134
Trichloroethene	5.0	U	40.0	38.0		ug/L		95	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	118		62 - 123
Toluene-d8 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	107		75 - 120
Dibromofluoromethane (Surr)	94		80 - 120

TestAmerica Pittsburgh

QC Sample Results

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-25540-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-25499-A-1 MSD

Matrix: Water

Analysis Batch: 85100

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Toluene	5.0	U	40.0	41.4		ug/L		104	80 - 124	0		20
Vinyl chloride	5.0	U	40.0	32.2		ug/L		81	57 - 128	6		26
cis-1,2-Dichloroethene	5.0	U	40.0	40.1		ug/L		100	82 - 116	3		20
1,1,1-Trichloroethane	5.0	U	40.0	50.8		ug/L		127	69 - 134	7		24
Trichloroethene	5.0	U	40.0	39.3		ug/L		98	80 - 120	3		20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	119		62 - 123
Toluene-d8 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	113		75 - 120
Dibromofluoromethane (Surr)	101		80 - 120

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 180-85749/1-A

Matrix: Water

Analysis Batch: 86259

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 85749

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cadmium	0.170	J	5.0	0.13	ug/L		10/04/13 11:48	10/09/13 12:01	1
Lead	10	U	10	1.3	ug/L		10/04/13 11:48	10/09/13 12:01	1

Lab Sample ID: LCS 180-85749/2-A

Matrix: Water

Analysis Batch: 86259

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 85749

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
Cadmium	50.0	48.8		ug/L		98	80 - 120	
Lead	500	499		ug/L		100	80 - 120	

Lab Sample ID: 180-25686-D-2-B MS

Matrix: Water

Analysis Batch: 86259

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 85749

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Cadmium	0.26	J B	50.0	48.7		ug/L		97	75 - 125	
Lead	2.4	J	500	508		ug/L		101	75 - 125	

Lab Sample ID: 180-25686-D-2-C MSD

Matrix: Water

Analysis Batch: 86259

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 85749

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Cadmium	0.26	J B	50.0	48.8		ug/L		97	75 - 125	0		20
Lead	2.4	J	500	505		ug/L		101	75 - 125	1		20

TestAmerica Pittsburgh

QC Association Summary

Client: Leo Brausch Consulting
Project/Site: Buffalo Airport

TestAmerica Job ID: 180-25540-1

GC/MS VOA

Analysis Batch: 85100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-25499-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
180-25499-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
180-25540-1	WG-18036-092613-001	Total/NA	Water	8260B	
180-25540-1 - DL	WG-18036-092613-001	Total/NA	Water	8260B	
180-25540-2	TB-18036-092613	Total/NA	Water	8260B	
LCS 180-85100/11	Lab Control Sample	Total/NA	Water	8260B	
MB 180-85100/3	Method Blank	Total/NA	Water	8260B	

Metals

Prep Batch: 85749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-25540-1	WG-18036-092613-001	Total/NA	Water	3010A	
180-25686-D-2-B MS	Matrix Spike	Total/NA	Water	3010A	
180-25686-D-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	
LCS 180-85749/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 180-85749/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 86259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-25540-1	WG-18036-092613-001	Total/NA	Water	6010B	85749
180-25686-D-2-B MS	Matrix Spike	Total/NA	Water	6010B	85749
180-25686-D-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	85749
LCS 180-85749/2-A	Lab Control Sample	Total/NA	Water	6010B	85749
MB 180-85749/1-A	Method Blank	Total/NA	Water	6010B	85749



CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

Address: **NIAGARA FALLS OFFICE**

Phone: _____ Fax: _____

COC NO.: **40923**

PAGE 1 OF 1

(See Reverse Side for Instructions)

Project No/Phase/Task Code: 18036-1221		Laboratory Name: TEST AMERICA PITTSBURGH		Lab Location: PITTSBURGH		SSOW ID:	
Project Name: VIACOM 1/4LY GW SAMPLING MW-32		Lab Contact: GILL COLLISSEY		Lab Quote No:		Cooler No:	
Project Location: BUFFALO AIRPORT		Chemistry Contact:		ANALYSIS REQUESTED (See Back of COC for Definitions)		Carrier: FED EX	
Sampler(s): S GARDNER		SAMPLE TYPE		CONTAINER QUANTITY & PRESERVATION		Airbill No:	
Matrix Code (see back of COC)		Grab (g) or Comp (c)		Unpreserved		Date Shipped: 9/26/13	
Hydrochloric Acid (HCl)		Nitric Acid (HNO ₃)		Sulfuric Acid (H ₂ SO ₄)		COMMENTS/SPECIAL INSTRUCTIONS:	
Sodium Hydroxide (NaOH)		Methanol/Water (Soil VOC)		EnCores 3x5-g, 1x25-g		MS/MSD Request	
Total Containers/Sample		Other:		Total Containers/Sample			
Item		DATE (mm/dd/yyyy)		TIME (hh:mm)			
1 WB-18036-092613-001		9/26/13		1005		4	
2 TB-18036-092613-		9/26/13				3	
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Total Number of Containers: **7**
All Samples in Cooler must be on COC

TAT Required in business days (use separate COCs for different TATs):
 1 Day 2 Days 3 Days 1 Week 2 Week Other:

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	COMPANY	TIME
<i>Sharon Gardner</i>	9/26/13	1030	<i>[Signature]</i>	9/27/13	0845	CRA	TARGET

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE - Fully Executed Copy (CRA) YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampling Crew CRA Form: COC-105 (20110804)

Login Sample Receipt Checklist

Client: Leo Brausch Consulting

Job Number: 180-25540-1

Login Number: 25540

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Kovitch, Christina M

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
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	

