SITE MANAGEMENT

ANNUAL REPORT
2012 CALENDAR YEAR

WORK ASSIGNMENT D004440-36

POULTNEY STREET SITE
WHITEHALL (V)

SITE NO. 528019
WASHINGTON (C), NY

Prepared for:
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
625 Broadway, Albany, New York

Joseph Martens, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION

URS Corporation
77 Goodell Street
Buffalo, New York 14203

June 2012

POULTNEY STREET SITE
SITE MANAGEMENT
2012 ANNUAL REPORT

SITE # 528019

VILLAGE OF WHITEHALL

WASHINGTON COUNTY, NEW YORK

PREPARED FOR:

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JUNE 2012

POULTNEY STREET SITE

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2012 ANNUAL REPORT

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(continued)

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1.0 INTRODUCTION

1.1 General

This Site Management Annual Report for the Calendar Year 2012 has been prepared under New York State Department of Environmental Conservation (NYSDEC) URS Work Assignment No. D004440-36 for the Poultney Street Site. The purpose of this Annual Report is to provide a record of the post-remediation monitoring and maintenance activities at the Poultney Street Site. This report is the first annual report as called for by Section 6.2 of the Site Management Plan (URS, March 2012).

1.2 Project Background

The Poultney Street site is located Village of Whitehall, Washington County, New York (Figure 1). A number of contaminants were identified in environmental samples collected at the site, including, but not limited to, acetone, xylenes, toluene, trichloroethene (TCE) and 1,1,2-trichloroethane (1,1,2-TCA). The NYSDEC proposed a remedy of soil excavation and monitored natural attenuation in the January 2004 Record of Decision (ROD). A pre-design investigation determined that a soft basal clay layer, which lies beneath contaminated soils, would not support conventional excavation techniques. Due to the findings of the pre-design investigation, other remedial alternatives were re-evaluated and an alternate remedy was selected. The October 2008 ROD Amendment incorporates containment of the waste mass within a sheet pile wall tied into the basal clay layer, covering the waste mass with an engineered cap as the proposed remedy, treatment of the contaminated groundwater plume by monitoring natural attenuation, and long-term monitoring of groundwater. Additional background information for the site and a summary of the completed remedial actions are provided in Section 2.0.

2.0 SITE DESCRIPTION

The Poultney Street site is located on an island, near U.S. Route 4 in the Village of Whitehall, Washington County, New York (Figure 1). The island is zoned light industrial. The Poultney Street site is an undeveloped parcel of land, approximately two acres in size, and is a portion of a 10-acre property that is owned by the Clarendon and Pittsford Railroad Company. The 10-acre property encompasses land on both the north and south sides of their active railroad line. Neighboring the Poultney Street site is the former E.B. Metals facility to the north, an active, raised railroad embankment to the south, the Champlain Canal to the west, and Wood Creek to the east. Wood Creek is located approximately 800 feet from the site. Access to the site is off of NY State Route 4, referred to locally as Poultney Street, and across from the former E.B. Metals facility.

The site consists of a former drum staging area on the western portion of the property, and a former fire training area near the center of the property. In the early 1970s, the site was used for training exercises by seven local fire departments. The local fire departments brought containers of flammable materials, solicited and obtained from various sources, to the property for fire extinguishing training and practice. In 1989, forty drums were identified and subsequently shipped offsite for proper disposal.

The remedial design of the sheet pile wall and cover system and the construction of the remedial components were both completed in 2011. A watertight sheet pile wall that is keyed into the underlying basal gray clay approximately 20 feet below ground surface was installed to contain the area of contaminated soil. An engineered cap that was designed and constructed in conformance with the requirements of 6 New York Codes, Rules and Regulations (NYCRR) Part 360 solid waste regulations was installed over the area of contaminated soil. A 6-foot high chain-link fence was constructed to limit access to the capped area.

3.0 MONITORING ACTIVITIES

Monitoring activities performed during 2012 consisted of the collection of groundwater samples from 13 on-site monitoring wells and piezometers that are shown on Figure 2. The Department took responsibility for the cost of analytical services through a call-out to TestAmerica-Buffalo, located in Amherst, NY.

3.1 Groundwater Hydraulic Monitoring

On May 8, 2012, a synoptic round of groundwater level measurements was obtained from the 13 on-site monitoring wells and piezometers. The water level measurements are provided in Table 1. Because the area within the sheet pile wall is hydraulically isolated, measurements from MW-6R and PZ-9 are not used in the determination of the potentiometric surface. The water level measurement from piezometer PZ-3 could not be used because survey data was only available for the top of the steel casing. The top of well riser elevation for PZ-3 was not available.

A potentiometric surface maps based on the water level measurements using a 0.50-foot contour interval is provided on Figure 3. The groundwater flow has been determined to be primarily to the north.

3.2 Groundwater Sampling

On May 8-9, 2012, URS collected groundwater samples from 13 on-site monitoring wells and piezometers plus quality control (QC) samples using low-flow sampling procedures.

Prior to sample collection, standing water was purged from all wells and piezometers with a GeoPump2 peristaltic pump using dedicated/disposable low-density polyethylene (LDPE) tubing. The wells were purged at a rate of 1-liter per minute or less and the purge rate was adjusted to minimize draw down. Piezometer PZ-9 was purged to dryness. A sample was collected from PZ-9 only after the water level recovered and there was sufficient volume to collect a sample. During the purging of the well, water quality parameters (i.e., pH, specific conductivity, temperature, dissolved oxygen, turbidity) were measured using a Horiba U-52 Multi-parameter Instrument with a flow-through cell. The water quality parameters were documented on a purge log. Samples were collected after the water quality parameters stabilized. Photographs of well sampling activities can be found in Appendix A. A copy of the field notes can be found in Appendix B. Well Purge Logs can be found in Appendix C.

Purge water was disposed of on the ground up-gradient of the well locations, as per the direction of the Department

All groundwater samples were delivered under chain-of custody (COC) to the TestAmerica Amherst, NY facility on May 10, 2012. The samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs) following United States Environmental Protection Agency (USEPA) Method SW8260B.

3.2.1 Groundwater Results

The analytical data (i.e., NYSDEC ASP Category B data deliverables) was reviewed in accordance with the requirements outlined in Guidance for Data Deliverables and the Development of Data Usability Summary Reports (DUSR), Appendix 2B, *DER-10/Technical Guidance for Site Investigation and Remediation* (NYSDEC, May 2010). Data summary tables and Form Is are provided in the DUSR and include the reporting limit for each non-detected compound. A compact disk (CD) containing an Adobe® portable document file (PDF) of the DUSR may be found in Appendix D.

A summary of the detected compounds in the groundwater samples are provided in Table 2. Results exceeding TOGS 1.1.1 Class GA groundwater standards or guidance values are indicated with a circle. The locations of detected compounds that have exceeded their respective criteria are shown on Figure 4.

Several VOCs were detected at concentrations exceeding TOGS 1.1.1 Class GA groundwater standards and guidance values and includes (in order of highest detected values) cis-1,2-dichloroethene, TCE, vinyl chloride, trans-1,2-dichloroethene, toluene, 1,1-dichloroethene, xylene, ethylbenzene, benzene, 1,1,2-TCA and 1,2-dichloroethane. The most compounds and highest concentrations detected were within the sheet pile wall, at locations MW-6R and PZ-9.

The concentration of contaminants detected in wells outside the sheet pile wall but within the fenced in area were up to 3 orders of magnitude below those within the sheet pile wall and included cis-1,2-dichloroethene, TCE, vinyl chloride, toluene, and 1,1,2-TCA. No compounds were detected above TOGS 1.1.1 Class GA groundwater standards or guidance values in the wells to the east of the sheet pile wall or outside the fenced-in area. It should be noted that dichloroethenes, dichloroethanes and vinyl chloride are breakdown products of TCE. The high concentration of these breakdown products relative to the TCE concentration suggests that natural attenuation may be occurring at the site.

4.0 SITE MAINTENANCE

4.1 Monitoring Well Inspections

During the May 2012 monitoring event, a well inspection was performed by NYSDEC and URS personnel. All wells appeared to be in good condition. MW-3, MW-4 and MW-5 did not have labels. The well numbers were added with a marking pen. The flush mount piezometers PZ-3 and PZ-4 were difficult to locate because of the surrounding vegetation. A 1-inch PVC pipe was placed in the ground adjacent to each of these wells to mark their positions. The monitoring well inspection logs may be found in Appendix E.

4.2 Site Inspection

During the May 2012 site visit, a site inspection was performed by NYSDEC and URS personnel. The site inspection included the following items: site access and gate; site fence; vegetative cover; final cover layers; and groundwater monitoring wells (Section 4.1). All items associated with the inspection were found to be in good order. Photographs of the site can be found in Appendix A. A copy of the completed site inspection form can be found in Appendix F.

4.3 Maintenance Performed

4.3.1 Monitoring Well Maintenance

No monitoring well maintenance was performed during the May 2012 site visit.

4.3.2 Routine Maintenance

No routine maintenance was performed at the time this report was prepared.

4.3.3 Intermittent Maintenance

No intermittent maintenance was performed at the time this report was prepared.

5.0 SUMMARY AND RECOMMENDATIONS

5.1 Groundwater Hydraulic Monitoring

It has been determined that groundwater flows primarily towards the north. During the next site visit, the elevation of the top of the riser for piezometer PZ-3 needs to be obtained by measuring the distance from the top of steel well casing to the top of the interior riser pipe. This well will assist in determining the groundwater flow direction at the western end of the site.

5.2 Groundwater Quality Monitoring

Several VOCs (chlorinated hydrocarbons, petroleum hydrocarbons) exceeded TOGS 1.1.1 Class GA standards and guidance values. Since this was the baseline round of sampling following the completion of remedial activities, no trends in groundwater quality could be determined.

Analytical results suggests that natural attenuation may be occurring at the site, based on the high concentration of breakdown products (i.e., dichloroethenes, dichloroethanes and/or vinyl chloride) relative to the TCE concentrations.

5.3 Monitoring Well Maintenance

No maintenance was performed or necessary on the monitoring wells or piezometers during 2012. It is recommended that a keyed-alike lock be used to replace the bolt and nut in the well cover at piezometer PZ-9.

5.4 Site Maintenance

No site maintenance was performed or necessary during 2012.

TABLES

TABLE 1
GROUNDWATER ELEVATION MEASUREMENTS
POULTNEY STREET SITE

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-01	1719625.606	783533.108	119.76	122.45	122.14		5/8/2012 1705	8.58	113.56	0.00		
MW-02	1719606.371	783569.098	117.73	121.29	121.09		5/8/2012 1701	7.27	113.82	0.00		
MW-03	1719656.542	783572.407	114.75	117.94	118.18		5/8/2012 1658	4.54	113.64	0.00		
MW-04	1719690.779	783604.714	115.22	118.46	118.26		5/8/2012 1654	3.76	114.50	0.00		
MW-05	1719611.466	783455.078	116.76	119.6	119.28		5/8/2012 1942	4.11	115.17	0.00		
MW-06R	1719598.428	783500.105	121.03	123.07	122.95		5/8/2012 1708	6.47	116.48	0.00		
MW-07	1719650.822	783459.21	115.24	118.37	118.22		5/8/2012 1711	4.98	113.24	0.00		
MW-08	1719589.737	783586.804	116.90	120.95	119.77		5/8/2012 1703	6.77	113.00	0.00		
PZ-03	1719602.18	783358.74	116.3	116.33	Not Available		5/8/2012 1757	1.0	-	0.00	-	Water near TOR
PZ-04	1719649.81	783433.55	115.1	115.41	115		5/8/2012 1744	0.15	114.85	0.00		Water near TOR
PZ-07	1719651.087	783498.486	116.35	119.37	119.18		5/8/2012 1713	4.26	114.92	0.00		
PZ-09	1719596.589	783503.376	121.03	123.26	123.11		5/8/2012 1720	6.63	116.48	0.00		
PZ-12	1719638.548	783579.457	116.04	118.65	118.48		5/8/2012 1700	3.78	114.70	0.00		

TOR - Top of riser.

TABLE 2
SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER
POULTNEY STREET SITE

Location ID			MW-01	MW-02	MW-03	MW-04	MW-05
Sample ID			MW-1/5-12	MW-2/5-12	MW-3/5-12	MW-4/5-12	MW-5/5-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/09/12	05/09/12	05/08/12	05/08/12	05/09/12
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethane	UG/L	0.6					
1,2-Dichloroethene (cis)	UG/L	5	110 D	0.95 J	150 D		9.3
1,2-Dichloroethene (trans)	UG/L	5	2.0		1.6		
2-Hexanone	UG/L	50					
4-Methyl-2-pentanone	UG/L	-					
Acetone	UG/L	50					
Benzene	UG/L	1					
Cyclohexane	UG/L	-					
Ethylbenzene	UG/L	5					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	2.3	0.88 J	9.6	0.82 J	3.0
Vinyl chloride	UG/L	2	1.3		6.4		
Xylene (total)	UG/L	5					

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

- = No standard or guidance value. Blank cell = Not detected.

D - Result reported from a secondary dilution analysis. J - The reported concentration is an estimated value.

Only Detected Results Reported.

TABLE 2
SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER
POULTNEY STREET SITE

Location ID			MW-06R	MW-07	MW-08	PZ-03	PZ-04
Sample ID			MW-6R/5-12	MW-7/5-12	MW-8/5-12	PZ-3/5-12	PZ-4/5-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/09/12	05/09/12	05/09/12	05/09/12	05/09/12
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,2-Trichloroethane	UG/L	1	15				
1,1-Dichloroethene	UG/L	5	440 DJ				
1,2-Dichloroethane	UG/L	0.6	11				
1,2-Dichloroethene (cis)	UG/L	5	500,000 D	8.9	2.5		
1,2-Dichloroethene (trans)	UG/L	5	1,500 D				
2-Hexanone	UG/L	50	6.4 J				
4-Methyl-2-pentanone	UG/L	-	37				
Acetone	UG/L	50	23 J				
Benzene	UG/L	1	66				
Cyclohexane	UG/L	-	3.7 J				
Ethylbenzene	UG/L	5	77				
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5	1,100 D				
Trichloroethene	UG/L	5	38,000 D				
Vinyl chloride	UG/L	2	27,000 D	2.5			
Xylene (total)	UG/L	5	190				

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

- = No standard or guidance value. Blank cell = Not detected.

D - Result reported from a secondary dilution analysis. J - The reported concentration is an estimated value.

Only Detected Results Reported.

TABLE 2
SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER
POULTNEY STREET SITE

Location ID			PZ-07	PZ-09	PZ-12	PZ-12
Sample ID			PZ-7/5-12	PZ-9/5-12	20120509-FD-1	PZ-12/5-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-
Date Sampled			05/09/12	05/09/12	05/09/12	05/09/12
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)	
Volatile Organic Compounds						
1,1,2-Trichloroethane	UG/L	1			2.2 J	
1,1-Dichloroethene	UG/L	5				
1,2-Dichloroethane	UG/L	0.6				
1,2-Dichloroethene (cis)	UG/L	5	28	9,900	220	220
1,2-Dichloroethene (trans)	UG/L	5				
2-Hexanone	UG/L	50				
4-Methyl-2-pentanone	UG/L	-				
Acetone	UG/L	50				
Benzene	UG/L	1				
Cyclohexane	UG/L	-				
Ethylbenzene	UG/L	5				
Tetrachloroethene	UG/L	5			2.2 J	2.1 J
Toluene	UG/L	5		74 J		
Trichloroethene	UG/L	5	2.8		540 D	530 D
Vinyl chloride	UG/L	2		3,800		
Xylene (total)	UG/L	5				

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

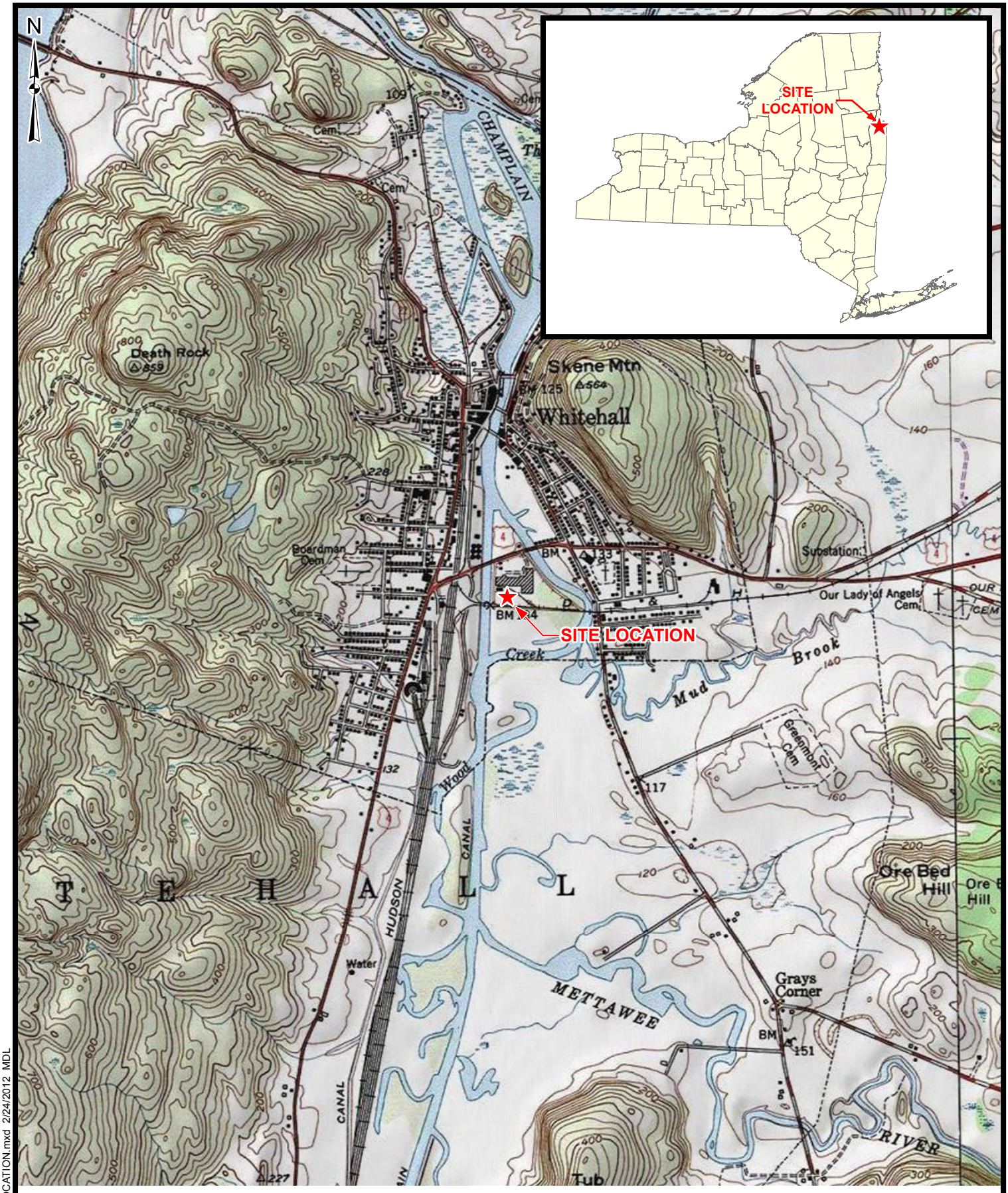
Concentration Exceeds Criteria

- = No standard or guidance value. Blank cell = Not detected.

D - Result reported from a secondary dilution analysis. J - The reported concentration is an estimated value.

Only Detected Results Reported.

FIGURES



SOURCE:
USA Topo Maps © 2011 National Geographic Society

2,000 0 2,000 Feet

URS

POULTNEY STREET SITE
WHITEHALL, NEW YORK
SITE LOCATION MAP

FIGURE 1

I:\11176429\GIS\MAPS\SITE LOCATION.mxd 2/24/2012 MDL

N

CHAMPLAIN CANAL

SAN MH

UP

SAN

FORMER BUILDING FOUNDATION

DEBRIS PILE

BRICK STACK

WETLAND

FORMER BUILDING FOUNDATION

UNPAVED ROAD

SAN MH

OHE

SAN

UP W/ AIR SIREN

MW-4

UP

GUY POLE

APPROXIMATE PROPERTY LINE

CHAIN LINK FENCE

LIMIT OF CAP

SHEET PILE WALL

PZ-4

MW-7

PZ-7

MW-3

PZ-12

MW-1

MW-5

MW-2

PZ-3

MW-6R

PZ-9

MW-8

TREE LINE

HEADWALL

CLARENDON AND PITTSFORD RAILROAD

Legend

- Monitoring Well
- Piezometer

40 0 40 Feet

POULTNEY STREET SITE
WHITEHALL, NEW YORK
SITE PLAN

URS

FIGURE 2

I:\11176429\GIS\MAPS\WELL LOCATION.mxd 2/27/2012 MDL

N

SAN MH

SAN

OHE

UP W/
AIR SIREN

SAN

OHE

SAN MH

SAN

UP

UP

APPROXIMATE PROPERTY LINE

GUY
POLE

CHAIN LINK FENCE

MW-4, 114.5

PZ-4, 114.85

MW-7, 113.24

PZ-7, 114.92

MW-3, 113.64

PZ-12, 114.70

SHEET PILE WALL

MW-1, 113.56

MW-5, 115.17

PZ-3

MW-6R, 116.48

PZ-9, 116.48

MW-2, 113.82

MW-8, 113.00

LIMIT OF CAP

TREE LINE

TREE LINE

Legend

- Monitoring Well
- Piezometer
- Groundwater Flow Direction

MW-1, 113.56
Location ID — Elevation (ft)

NOTE:
1. Complete elevation data not available for PZ-3 and was not used in creation of Groundwater Elevation Countours.
2. MW-6R and PZ-9 were not included in potentiometric surface as they are hydraulically isolated by sheet pile wall.

20 0 20 Feet

POULTNEY STREET SITE
WHITEHALL, NEW YORK
POTENTIOMETRIC SURFACE, MAY 8, 2012

URS

FIGURE 3

I:\11176429\GIS\MAPS\POTENTIOMETRIC SURFACE_0512.mxd 6/21/2012 MDB

N

CHAMPLAIN CANAL

SAN MH

UP

SAN

FORMER BUILDING FOUNDATION

DEBRIS PILE

BRICK STACK

WETLAND

FORMER BUILDING FOUNDATION

PZ-07	CR	5/12
VOCs:		
1,2-Dichloroethene (cis)	5	28

MW-03	CR	5/12
VOCs:		
1,2-Dichloroethene (cis)	5	150
Trichloroethene	5	9.6
Vinyl chloride	2	6.4

SAN MH

OHE

SAN

UP W/ AIR SIREN

MW-4

UP

GUY POLE

APPROXIMATE PROPERTY LINE

CHAIN LINK FENCE

LIMIT OF CAP

SHEET PILE WALL

UNPAVED ROAD

MW-07	CR	5/12
VOCs:		
1,2-Dichloroethene (cis)	5	8.9
Vinyl chloride	2	2.5

PZ-4

MW-05	CR	5/12
VOCs:		
1,2-Dichloroethene (cis)	5	9.3

PZ-3

PZ-12	CR	5/12
VOCs:		
1,1,2-Trichloroethane	1	2.2
1,2-Dichloroethene (cis)	5	220
Trichloroethene	5	540

MW-2

MW-8

MW-01	CR	5/12
VOCs:		
1,2-Dichloroethene (cis)	5	110

PZ-09	CR	5/12
VOCs:		
1,2-Dichloroethene (cis)	5	9,900
Toluene	5	74
Vinyl chloride	2	3,800

MW-06R	CR	5/12
VOCs:		
1,1,2-Trichloroethane	1	15
1,1-Dichloroethene	5	440
1,2-Dichloroethane	0.6	11
1,2-Dichloroethene (cis)	5	500,000
1,2-Dichloroethene (trans)	5	1,500
4-Methyl-2-pentanone	0	37
Benzene	1	66
Cyclohexane	0	3.7
Ethylbenzene	5	77
Toluene	5	1,100
Trichloroethene	5	38,000
Vinyl chloride	2	27,000
Xylene (total)	5	190

TREE LINE

HEADWALL

CLARENDON AND PITTSFORD RAILROAD

Legend

- Monitoring Well - Compounds Exceed Criteria
- Piezometer - Compounds Exceed Criteria
- No Compounds Exceed Criteria
- No Compounds Detected

Location ID | Criteria (TOGS) | Sample Date (MM/YY)

MW-01	CR	5/12
VOCs:		
1,2-Dichloroethene (cis)	5	110

Compound Exceeding Criteria

Concentration Exceeding Criteria (UG/L)

40 0 40 Feet

POULTNEY STREET SITE
WHITEHALL, NEW YORK
GROUNDWATER EXCEEDANCES

URS

FIGURE 4

I:\11176429\GIS\MAPS\GROUNDWATER EXCEEDANCES.mxd 6/11/2012 MDB

APPENDIX A

PHOTOGRAPHIC LOG

PHOTOGRAPH LOG

Poultney Street Site
Whitehall, New York
May 8 and 9, 2012 Annual Groundwater Sampling and Cap Inspection

Photo 1: Looking north along southern edge of landfill cap. Note good condition of chain link fence and gate.

Photo 2: Looking west toward center of landfill cap. Note good stand of dense vegetative cover. MW-6R and PZ-9 in background.

PHOTOGRAPH LOG

Poultney Street Site
Whitehall, New York
May 8 and 9, 2012 Annual Groundwater Sampling and Cap Inspection

Photo 3: Looking southwest from center of landfill cap. Monitoring wells PZ-9 and MW-6R in foreground.

Photo 4: Looking northwest from top of landfill cap. Monitoring wells MW-5 (left) and MW-7 (right) in background.

PHOTOGRAPH LOG

Poultney Street Site
Whitehall, New York
May 8 and 9, 2012 Annual Groundwater Sampling and Cap Inspection

Photo 5: Looking west along outside of fenced-in landfill cap.

Photo 6: Groundwater sampling of MW-7 at northwest corner of landfill cap enclosure. View is to the northwest.

PHOTOGRAPH LOG

Poultney Street Site
Whitehall, New York
May 8 and 9, 2012 Annual Groundwater Sampling and Cap Inspection

Photo 7: Looking southwest at southeast corner of landfill.

Photo 8: Looking northwest across landfill. Piezometer PZ-7 in background.

PHOTOGRAPH LOG

Poultney Street Site
Whitehall, New York
May 8 and 9, 2012 Annual Groundwater Sampling and Cap Inspection

Photo 9: Looking southwest from northwest corner of landfill fence. Path leads to PZ-4 and PZ-3.

Photo 10: Piezometer PZ-3. PVC pipe placed in ground to help locate flush mount well in the future.

PHOTOGRAPH LOG

Poultney Street Site
Whitehall, New York
May 8 and 9, 2012 Annual Groundwater Sampling and Cap Inspection

Photo 11: Piezometer PZ-4. PVC pipe placed in ground to help locate flush mount well in the future.

APPENDIX B

FIELD NOTES

Poultney Street - NYSDEC

Tuesday - MAY 8, 2012. client NYSDEC site poultney st. White hall, NY

06:40 am J. Boyd left home for C Dusel

7:55 arrive @ Dusel home

Travel - rain entire way 56°F rain

16:15 arrive at site - cheap combination lock @ gate (Front gate at Road) used bolt cutters and removed lock

C Dusel + J. Boyd - took round, (complete) of Water levels - see measurements recorded in table on page 4.

C. Dusel finished H2O L's + John B started sampling set up at MW-4

17:56 started geopump (peristaltic pump)

1845 Sampled MW-4

1855 Setup at MW-3.

1902. Began purging MW-3

1940. Sampled MW-3

1958, Left Site. Drove to dinner, Then Hotel - arrived at 1025.

Water level measurement Table

Time	Well/Piez.	DTW	Total Depth	comments
16:54	MW-4	3.76	22.46	
16:58	MW-3	4.54	20.36	
17:00	PZ-12	3.78	12.69	
17:01	MW-2	7.27	10.68	
17:03	MW-8	6.77	21.62	
17:05	MW-1	8.58	25.34	
17:08	MW-6R	6.47	24.98	
17:11	MW-7	4.98	16.65	
17:13	PZ-7	4.26	14.11	
17:20	PZ-9	6.63	17.98	
17:44	PZ-4	≈0.15	11.26	PZ-4 Water Nearly @ top of riser
17:57	PZ-3	≈1.0	10.59	PZ-3 Water Near ~~surface~~ riser
19:42	MW-5	4.11	13.08	

Both PZ-4 and PZ-3 are flush mount wells - and were hidden in the vegetative growth - (weeds).

Poultney Street - NYSDEC -

May 9, 2012. Wednesday.

0715. John Boyd + Chuck Diesel left ~~the site and drove~~ motel and drove to the site. WX Cloudy occasional showers/Rain Temp 60's+70's

0805 - arrived at the site.

0835. Set up at PZ-12.

0843 Began purging PZ-12

0910. Sampled PZ-12

0920. ~~Chris~~ Chris from NYSDEC arrived at the site

0930. Set up at PZ-9.

0934 - well went dry. will come back later to sample

0940 Set up at MW-6R.

0945. Began purging MW-6R.

1020. Sampled MW-6R

1028 Began purging PZ-9.

1030. Sampled PZ-9

1038 Set up at MW-5

1042 Began purging MW-5

1110 Sampled MW-5.

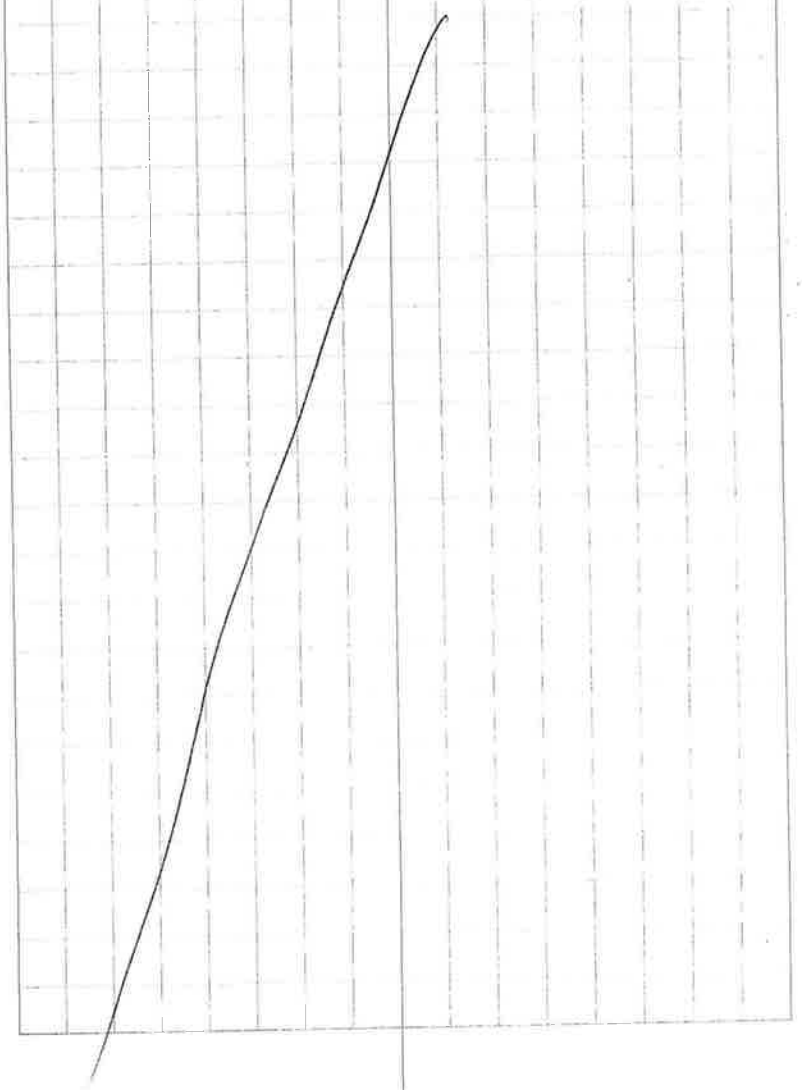
1123 Set up at MW-07

1136 Began purging MW-07

1200 - Sampled MW-07

1218 Setup at PZ-7.
1222 Began purging PZ-7
1300 Sampled PZ-7
1308 Setup at MW-1.
1312 Began purging MW-1
1350 Sampled MW-1
1400 Setup at MW-2
1408 Began purging MW-2
1435 Sampled MW-2
1440 Setup at MW-8. Chris left the site.
1443 Began purging MW-8
1510 ~~Began purging~~ Sampled MW-8
1522 Setup at PZ-3.
1530 Began Purging PZ-3
1555 Sampled PZ-3.
1600 Set up at PZ-4
1605 Began Purging PZ-4
1630 Sampled PZ-4.
1645 Began putting away Equipment. Checked all wells for trash and to ensure locks / bolts in place.
1700 Left the ~~sat~~ site.
1738 Arrived at the motel Attendance
1900 John Boyd completed field NOTES

and chain of custody
2015 Finished with NOTES



Pool Tavey Street
May 10, 2012 — Thursday.
wx. Partly cloudy - warm 60+70s
Breezy.

0830 John Boyd + Chuck Duval left hotel and drove to Buffalo w/ stop at Pine Environmental Mattydale, NY to drop off Equipment
15.15 arrived at Chuck Dusel's home.
1640 John Boyd dropped off rental car at ~~Enterprise~~
1931 John Boyd dropped off samples at Test America Labs, Amherst NY

APPENDIX C

WELL PURGE LOGS

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: MW-1

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 8.75 Depth to Well Bottom: 25.15 Well Diameter: 2" Screen Length: 3-25'

Casing Type: PVC Volume in 1 Well Casing (liters): 10.1 L Estimated Purge Volume (liters): 11.4 L

Sample ID: MW-1/5-12 Sample Time: 1350 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 0.1 PPM

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1315	6.66	15.19	1.03	1.42	67.8	50.0	300	9.15
1320	6.60	11.04	1.11	0.00	46.4	41.0	300	9.25
1325	6.59	11.02	1.12	0.00	19.3	37.0	300	9.25
1330	6.58	10.88	1.13	0.00	11.7	34.0	300	9.25
1335	6.58	10.87	1.13	0.00	8.68	34.0	300	9.25
1340	6.58	10.80	1.13	0.00	6.43	31.0	300	9.25
1345	6.58	10.79	1.13	0.00	4.35	31.0	300	9.25
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: MW-2

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 7.32 Depth to Well Bottom: 10.90 Well Diameter: 2" Screen Length: 2.5-21'

Casing Type: PVC Volume in 1 Well Casing (liters): 2.2 L Estimated Purge Volume (liters): 9.5 L

Sample ID: MW-2/5-12 Sample Time: 1435 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 0.2 PPM

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1410	6.83	12.72	0.755	3.07	18.3	46.0	300	7.70
1415	6.70	11.49	0.746	0.00	2.83	53.0	300	7.77
1420	6.67	11.29	0.750	0.00	1.12	55.0	300	7.77
1425	6.65	11.22	0.753	0.00	0.73	56.0	300	7.77
1430	6.64	11.22	0.752	0.00	0.72	57.0	300	7.77
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: MW-3

Date: 5/8/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 4.42 Depth to Well Bottom: 20.4 Well Diameter: 2" Screen Length: 3-18.5'

Casing Type: PVC Volume in 1 Well Casing (liters): 9.8 L Estimated Purge Volume (liters): 10.5 L

Sample ID: MW-3/5-12 Sample Time: 1940 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 0.1 PPM

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1905	6.83	11.11	0.526	0.92	111	-47	300	4.73
1910	6.74	10.63	0.524	0.00	26.3	-51	300	4.85
1915	6.72	10.35	0.522	0.00	23.1	-50	300	4.96
1925	6.71	10.27	0.525	0.00	10.5	-49	300	4.95
1930	6.70	10.19	0.527	0.00	6.32	-51	300	4.95
1935	6.69	10.15	0.527	0.00	11.8	-51	300	4.95
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: MW-4

Date: 5/8/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 3.93 Depth to Well Bottom: 22.42 Well Diameter: 2" Screen Length: 3-19'

Casing Type: PVC Volume in 1 Well Casing (liters): 11.4 L Estimated Purge Volume (liters): 15.2 L

Sample ID: MW-4/5-12 Sample Time: 1845 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 0.0 PPM

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1600	8.53	11.31	0.593	4.81	NM	8	320	4.47
1605	7.44	10.48	0.547	0.20	7.16	61	300	4.39
1610	7.07	10.34	0.540	0.00	2.45	87	300	4.38
1615	6.91	10.22	0.542	0.00	1.21	107	300	4.34
1620	6.82	10.31	0.544	0.00	0.92	118	250	4.32
1625	6.80	10.29	0.548	0.00	1.05	123	250	4.33
1630	6.72	10.18	0.551	0.00	0.78	133	300	4.38
1635	6.70	10.15	0.552	0.00	0.40	138	300	4.38
1640	6.68	10.07	0.555	0.00	0.48	142	300	4.38
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: MW-5

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 4.57 Depth to Well Bottom: 13.15 Well Diameter: 2" Screen Length: 3-17.5'

Casing Type: PVC Volume in 1 Well Casing (liters): 5.3 L Estimated Purge Volume (liters): 11.4 L

Sample ID: MW-5/5-12 Sample Time: 1110 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 0.1 PPM. Purge water brown in color with small particles.

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1045	6.83	12.06	0.625	9.27	280	11	280	4.94
1050	6.86	11.91	0.609	2.99	81.7	34	280	4.95
1055	6.84	11.79	0.616	2.50	12.1	47	280	4.98
1100	6.84	11.73	0.619	1.89	6.31	54	280	4.99
1105	6.83	11.65	0.626	1.83	3.65	60	280	5.00
1110	6.83	11.71	0.628	1.80	1.80	62	280	5.00
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: MW-6R

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 6.42 Depth to Well Bottom: 24.97 Well Diameter: 2" Screen Length: 14.5-17.5'

Casing Type: PVC Volume in 1 Well Casing (liters): 11.5 L Estimated Purge Volume (liters): 11.5 L

Sample ID: MW-6R/5-12 Sample Time: 1020 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 363.3 PPM. Sheen on purge water.

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
950	6.50	10.85	1.38	1.62	48.9	-44.0	300	7.31
955	6.36	10.62	1.38	0.00	63.8	-53.0	300	7.89
1000	6.34	10.70	1.38	0.00	58.1	-54.0	300	7.97
1005	6.31	10.79	1.38	0.00	47.3	-56.0	300	7.94
1010	6.25	10.93	1.38	0.00	44.7	-54.0	300	7.96
1015	6.23	10.80	1.38	0.00	26.0	-54.0	300	7.97
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: MW-7

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 4.89 Depth to Well Bottom: 16.60 Well Diameter: 2" Screen Length: 3-14'

Casing Type: PVC Volume in 1 Well Casing (liters): 7.2 L Estimated Purge Volume (liters): 7.2 L

Sample ID: MW-7/5-12 Sample Time: 1200 QA/QC: MS/MSD

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 4.5 PPM

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1140	6.71	10.10	0.728	0.24	5.32	46.0	280	5.22
1145	6.62	9.75	0.718	0.00	2.21	42.0	280	5.28
1150	6.63	9.72	0.714	0.00	2.99	38.0	280	5.28
1155	6.62	9.74	0.712	0.00	1.80	37.0	280	5.28
1200	6.62	9.75	0.709	0.00	1.57	36.0	280	5.30
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: MW-8

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 6.60 Depth to Well Bottom: 21.6 Well Diameter: 2" Screen Length: 3-20'

Casing Type: PVC Volume in 1 Well Casing (liters): 9.3 L Estimated Purge Volume (liters): 9.3 L

Sample ID: MW-8/5-12 Sample Time: 1510 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 0.4 PPM

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1445	6.84	12.37	0.724	1.22	22.5	81	300	7.18
1450	6.78	11.09	0.714	0.08	17.8	91	300	7.31
1455	6.75	11.01	0.705	0.00	24.9	101	300	7.35
1500	6.75	11.13	0.704	0.00	27.7	103	300	7.35
1505	6.74	11.22	0.706	0.00	20.5	107	280	7.32
1510	6.73	11.18	0.708	0.00	15.3	110	280	7.33
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: PZ-3

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 1.25 Depth to Well Bottom: 10.60 Well Diameter: 1" Screen Length: 2-12'

Casing Type: PVC Volume in 1 Well Casing (liters): 1.44 L Estimated Purge Volume (liters): 9.5 L

Sample ID: PZ-3/5-12 Sample Time: 1555 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 7.1 PPM

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
15.31	7.10	12.40	0.417	5.90	63.4	-94	400	2.30
15.36	6.97	11.09	0.401	4.71	52.4	-116	320	2.29
15.41	6.95	10.88	0.416	4.53	25.8	-120	350	2.44
15.46	6.97	10.73	0.424	4.26	21.4	-121	350	2.56
15.51	6.95	10.63	0.429	4.26	21.0	-124	350	2.60
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: PZ-4

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 0.42 Depth to Well Bottom: 11.26 Well Diameter: 1" Screen Length: 2-12'

Casing Type: PVC Volume in 1 Well Casing (liters): 1.71 L Estimated Purge Volume (liters): 7.6 L

Sample ID: PZ-4/5-12 Sample Time: 1630 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 0.0 PPM

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1608	7.03	10.41	0.549	2.22	54.2	-111	280	0.55
1613	6.97	10.17	0.544	0.60	9.31	-80	300	0.58
1618	6.96	10.11	0.541	0.49	4.29	-68	300	0.59
1623	6.95	10.09	0.541	0.45	3.58	-64	300	0.59
1628	6.94	10.12	0.540	0.43	2.45	-62	300	0.59
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: PZ-7

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 4.58 Depth to Well Bottom: 14.07 Well Diameter: 1" Screen Length: 2-12'

Casing Type: PVC Volume in 1 Well Casing (liters): 1.5 L Estimated Purge Volume (liters): 10.5 L

Sample ID: PZ-7/5-12 Sample Time: 1300 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 2.7 PPM

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1225	6.90	15.61	0.580	2.95	177.0	40	280	5.04
1230	6.75	12.83	0.620	0.63	30.0	75	280	5.06
1235	6.73	12.44	0.619	0.61	7.17	75	280	5.09
1240	6.73	12.29	0.614	0.62	4.49	72	280	5.10
1245	6.76	12.30	0.616	0.63	2.41	69	280	5.10
1250	6.71	12.33	0.615	0.76	3.66	68	280	5.10
1255	6.71	12.35	0.616	0.68	4.09	67	280	5.11
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: PZ-9

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 6.6 Depth to Well Bottom: 17.95 Well Diameter: 1" Screen Length: 2-12'

Casing Type: PVC Volume in 1 Well Casing (liters): 1.75 L Estimated Purge Volume (liters): 1.75 L

Sample ID: PZ-9/5-12 Sample Time: 1030 QA/QC: None

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 47.7 PPM. Sheen on the purge water.

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
930	6.79	11.7	1.29	10.02	50.4	-52	250	8.76
933	6.57	10.41	1.38	2.09	36.4	-52	250	9.87
934	Well pumped dry.							
1025	Began purging well after it had recovered.to 6.98'. Collected sample at 1030.							
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft ($vol_{cyl} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Poultney Street Site Site: Containment Cell Well I.D.: PZ-12

Date: 5/9/12 Sampling Personnel: John Boyd, Chuck Dusel Company: URS Corporation

Purging/ Sampling Device: Geopump Tubing Type: LDPE/Silicone Pump/Tubing Inlet Location: Screen Midpoint

Measuring Point: Below top of riser Initial Depth to Water: 3.66 Depth to Well Bottom: 12.70 Well Diameter: 1" Screen Length: 2-12'

Casing Type: PVC Volume in 1 Well Casing (liters): 1.4 L Estimated Purge Volume (liters): 6.6 L

Sample ID: PZ-12/5-12 Sample Time: 910 QA/QC: Duplicate 20120509-FD-1

Sample Paramaters: VOCs (Method 8260)

Other Information: PID measurement of casing = 13.0 PPM

PURGE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
848	7.11	13.09	0.613	5.82	83.9	165	300	3.73
850	7.06	12.83	0.610	5.59	26.4	185	300	3.76
855	7.03	12.64	0.616	5.45	8.41	194	300	3.76
900	7.01	12.47	0.618	5.40	4.55	198	300	3.76
905	6.96	12.20	0.620	5.41	2.27	203	300	3.76
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

Information: WATER VOLUMES--0.75 inch diameter well = 87 ml/ft; 1 inch diameter well = 154 ml/ft; 2 inch diameter well = 617 ml/ft; 4 inch diameter well = 2470 ml/ft (vol $_{cyl} = \pi r^2 h$)

APPENDIX D

DATA USABILITY SUMMARY REPORT

(On Compact Disk)

DATA USABILITY SUMMARY REPORT

POULTNEY STREET SITE
WORK ASSIGNMENT NO. D004440-36
SITE ID# 558019
VILLAGE OF WHITEHALL, WASHINGTON COUNTY, NEW YORK

Analyses Performed by:

TESTAMERICA LABORATORIES, INC.
AMHERST, NEW YORK

Prepared for:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION

Prepared by:

URS CORPORATION
77 GOODELL STREET
BUFFALO, NY 14203

JUNE 2012

TABLE OF CONTENTS

TABLES

(Following Text)

ATTACHMENTS

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *DER-10 Technical Guidance for Site Investigation and Remediation*, Appendix 2B - *Guidance for Data Deliverables and the Development of Data Usability Summary Reports*, May 2010.

II. ANALYTICAL METHODOLOGIES

The data being evaluated are from the May 8-9, 2012 sampling of 13 groundwater samples, 1 field duplicate, 1 matrix spike/matrix spike duplicate (MS/MSD) pair, and 1 trip blank. The analytical laboratory that performed the analyses is TestAmerica Laboratories, Inc. of Amherst, NY. The samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method SW8260B.

A limited data validation was performed following the guidelines in the following USEPA Region II document:

- Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry

  SW-846 Method 8260B, SOP HW-24, Rev. 2, August 2008.

Qualifications applied to the data include 'J' (estimated concentration) and 'UJ' (estimated quantitation limit). Definitions of USEPA data qualifiers are presented at the end of this text. A summary of data qualifications is presented on Table 1. The validated analytical results are presented on Table 2 (groundwaters) and Table 3 (field QC). Copies of the validated laboratory results (i.e., Form I's) are presented in Attachment A. Documentation supporting the qualification of data is presented in Attachment B. Only analytical deviations affecting data usability are discussed in this report.

III. DATA DELIVERABLE COMPLETENESS

The laboratory deliverable data packages were equivalent to NYSDEC Analytical Services Protocol (ASP) Category B requirements.

IV. PRESERVATION/SAMPLE RECEIPT/HOLDING TIMES

All samples were received by the laboratory intact, properly preserved and under proper chain-of-custody. All samples were analyzed within the required holding times.

V. NON-CONFORMANCES

- **Instrument Calibration**

  The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and the RRF in one or more of the continuing calibration (CCAL) standards associated with the groundwater samples exceeded the QC limit of 20% for one or more of the following VOCs: 1,2-dibromo-3-chloropropane, 1,1,1-trichloroethane, trans-1,2-dichloropropene, 1,2,4-trichlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, bromoform, bromomethane, chloroethane, carbon disulfide, dichlorodifluoromethane, and/or trichlorofluoromethane. The results for these compounds in the associated groundwater samples listed on Table 1 were qualified 'UJ'.

VI. SAMPLE RESULTS AND REPORTING

All quantitation/detection limits were reported in accordance with method requirements and were adjusted for sample volume and dilution factors. Results below the quantitation limits were qualified 'J' by the laboratory.

Several groundwater samples were analyzed initially at dilutions due to elevated levels of target compounds. The quantitation limits reported for the non-detect compounds are the lowest achievable at the diluted level.

VII. SUMMARY

All sample analyses were found to be compliant with the method and validation criteria, except where previously noted. Those results qualified 'J/UJ' are considered conditionally usable. All other sample results are usable as reported. URS does not recommend the recollection of any samples at this time.

Prepared By: Ann Marie Kropovitch, Chemist **Date:** 6/4/12

Reviewed By: Peter R. Fairbanks, Senior Chemist **Date:** 6/5/12

DEFINITIONS OF USEPA DATA QUALIFIERS

U – The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J – The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was analyzed for, but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R – The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.

D – The sample result was reported from a secondary dilution analysis.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified´ and the associated numerical value represents its approximate concentration.

TABLE 1

POULTNEY STREET SITE

SUMMARY OF DATA QUALIFICATIONS

SAMPLE ID	FRACTION	ANALYTICAL DEVIATION	QUALIFICATION
GROUNDWATER SAMPLES			
MW-4/5-12	VOCs	CCAL %D > 20% for 1,1,2-trichloro-1,2,2-trifluoroethane, bromomethane, and trichlorofluoromethane.	Qualify non-detect results 'UJ'.
MW-1/5-12, MW-2/5-12, MW-3/5-12, MW-6R/5-12, MW-7/5-12, MW-8/5-12, PZ-3/5-12, PZ-4/5-12, PZ-7/5-12, 20120509-FD-1 (PZ-12/5-12), PZ-12/5-12, and TRIP BLANK	VOCs	CCAL %D > 20% for 1,2,4-trichlorobenzene, bromoform, and bromomethane.	Qualify non-detect results 'UJ'.
MW-5/5-12 and PZ-9/5-12	VOCs	CCAL %D > 20% for 1,1,1-trichloroethane, trans-1,2-dichloropropene, 1,2-dibromo-3-chloropropane, 1,2,4-trichlorobenzene, bromoform, carbon disulfide, chloroethane, and dichlorodifluoromethane.	Qualify non-detect results 'UJ'.

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
POULTNEY STREET STIE

Location ID			MW-01	MW-02	MW-03	MW-04	MW-05
Sample ID			MW-1/5-12	MW-2/5-12	MW-3/5-12	MW-4/5-12	MW-5/5-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/09/12	05/09/12	05/08/12	05/08/12	05/09/12
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
1,1,2,2-Tetrachloroethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
1,1,2-Trichloroethane	UG/L	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	5	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ
1,2-Dibromo-3-chloropropane	UG/L	0.04	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
1,2-Dibromoethane (Ethylene dibromide)	UG/L	0.006	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	0.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	5	110 D	0.95 J	150 D	1.0 U	9.3
1,2-Dichloroethene (trans)	UG/L	5	2.0	1.0 U	1.6	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	0.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
1,4-Dichlorobenzene	UG/L	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	UG/L	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	UG/L	50	10 U	10 U	10 U	10 U	10 U
Benzene	UG/L	1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	UG/L	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	UG/L	50	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By AMK 6/4/12

Checked By PRF 6/4/12

Detection Limits shown are PQL

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[LOGDATE] >= #5/8/2012# AND [SACODE] <> 'TB'

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
POULTNEY STREET STIE

Location ID			MW-01	MW-02	MW-03	MW-04	MW-05
Sample ID			MW-1/5-12	MW-2/5-12	MW-3/5-12	MW-4/5-12	MW-5/5-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/09/12	05/09/12	05/08/12	05/08/12	05/09/12
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Bromomethane	UG/L	5	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U
Carbon disulfide	UG/L	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Carbon tetrachloride	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Chloroform	UG/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	UG/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	UG/L	50	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Ethylbenzene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	UG/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	10 U	10 U	10 U	10 U	10 U
Methyl tert-butyl ether	UG/L	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	UG/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	UG/L	5	2.3	0.88 J	9.6	0.82 J	3.0
Trichlorofluoromethane	UG/L	5	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
Vinyl chloride	UG/L	2	1.3	1.0 U	6.4	1.0 U	1.0 U
Xylene (total)	UG/L	5	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By AMK 6/4/12

Checked By PRF 6/4/12

Detection Limits shown are PQL

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
POULTNEY STREET STIE

Location ID			MW-06R	MW-07	MW-08	PZ-03	PZ-04
Sample ID			MW-6R/5-12	MW-7/5-12	MW-8/5-12	PZ-3/5-12	PZ-4/5-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/09/12	05/09/12	05/09/12	05/09/12	05/09/12
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	UG/L	1	15	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	UG/L	5	440 DJ	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	UG/L	5	5.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,2-Dibromo-3-chloropropane	UG/L	0.04	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	0.006	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	UG/L	3	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	UG/L	0.6	11	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (cis)	UG/L	5	500,000 D	8.9	2.5	1.0 U	1.0 U
1,2-Dichloroethene (trans)	UG/L	5	1,500 D	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	UG/L	1	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	UG/L	3	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (cis)	UG/L	0.4	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropene (trans)	UG/L	0.4	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	UG/L	3	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Hexanone	UG/L	50	6.4 J	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	UG/L	-	37	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	UG/L	50	23 J	10 U	10 U	10 U	10 U
Benzene	UG/L	1	66	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	UG/L	50	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	UG/L	50	5.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By AMK 6/4/12

Checked By PRF 6/4/12

Detection Limits shown are PQL

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[LOGDATE] >= #5/8/2012# AND [SACODE] <> 'TB'

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
POULTNEY STREET STIE

Location ID			MW-06R	MW-07	MW-08	PZ-03	PZ-04
Sample ID			MW-6R/5-12	MW-7/5-12	MW-8/5-12	PZ-3/5-12	PZ-4/5-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			05/09/12	05/09/12	05/09/12	05/09/12	05/09/12
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Bromomethane	UG/L	5	5.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon disulfide	UG/L	60	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	UG/L	7	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	UG/L	-	3.7 J	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	UG/L	50	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	UG/L	5	77	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene (Cumene)	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	UG/L	-	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	50 U	10 U	10 U	10 U	10 U
Methyl tert-butyl ether	UG/L	10	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	UG/L	-	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	UG/L	5	1,100 D	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	UG/L	5	38,000 D	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	UG/L	5	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	UG/L	2	27,000 D	2.5	1.0 U	1.0 U	1.0 U
Xylene (total)	UG/L	5	190	2.0 U	2.0 U	2.0 U	2.0 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By AMK 6/4/12
Checked By PRF 6/4/12

Detection Limits shown are PQL

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TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
POULTNEY STREET STIE

Location ID			PZ-07	PZ-09	PZ-12	PZ-12
Sample ID			PZ-7/5-12	PZ-9/5-12	20120509-FD-1	PZ-12/5-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-
Date Sampled			05/09/12	05/09/12	05/09/12	05/09/12
Parameter	Units	Criteria*			Field Duplicate (1-1)	
Volatile Organic Compounds						
1,1,1-Trichloroethane	UG/L	5	1.0 U	100 UJ	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
1,1,2-Trichloroethane	UG/L	1	1.0 U	100 U	2.2 J	5.0 U
1,1-Dichloroethane	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
1,1-Dichloroethene	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	UG/L	5	1.0 UJ	100 UJ	5.0 UJ	5.0 UJ
1,2-Dibromo-3-chloropropane	UG/L	0.04	1.0 U	100 UJ	5.0 U	5.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	0.006	1.0 U	100 U	5.0 U	5.0 U
1,2-Dichlorobenzene	UG/L	3	1.0 U	100 U	5.0 U	5.0 U
1,2-Dichloroethane	UG/L	0.6	1.0 U	100 U	5.0 U	5.0 U
1,2-Dichloroethene (cis)	UG/L	5	28	9,900	220	220
1,2-Dichloroethene (trans)	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
1,2-Dichloropropane	UG/L	1	1.0 U	100 U	5.0 U	5.0 U
1,3-Dichlorobenzene	UG/L	3	1.0 U	100 U	5.0 U	5.0 U
1,3-Dichloropropene (cis)	UG/L	0.4	1.0 U	100 U	5.0 U	5.0 U
1,3-Dichloropropene (trans)	UG/L	0.4	1.0 U	100 UJ	5.0 U	5.0 U
1,4-Dichlorobenzene	UG/L	3	1.0 U	100 U	5.0 U	5.0 U
2-Hexanone	UG/L	50	5.0 U	500 U	25 U	25 U
4-Methyl-2-pentanone	UG/L	-	5.0 U	500 U	25 U	25 U
Acetone	UG/L	50	10 U	1,000 U	50 U	50 U
Benzene	UG/L	1	1.0 U	100 U	5.0 U	5.0 U
Bromodichloromethane	UG/L	50	1.0 U	100 U	5.0 U	5.0 U
Bromoform	UG/L	50	1.0 UJ	100 UJ	5.0 UJ	5.0 UJ

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By AMK 6/4/12
Checked By PRF 6/4/12

Detection Limits shown are PQL

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[LOGDATE] >= #5/8/2012# AND [SACODE] <> 'TB'

TABLE 2
VALIDATED GROUNDWATER ANALYTICAL RESULTS
POULTNEY STREET STIE

Location ID			PZ-07	PZ-09	PZ-12	PZ-12
Sample ID			PZ-7/5-12	PZ-9/5-12	20120509-FD-1	PZ-12/5-12
Matrix			Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-
Date Sampled			05/09/12	05/09/12	05/09/12	05/09/12
Parameter	Units	Criteria*			Field Duplicate (1-1)	
Volatile Organic Compounds						
Bromomethane	UG/L	5	1.0 UJ	100 U	5.0 UJ	5.0 UJ
Carbon disulfide	UG/L	60	1.0 U	100 UJ	5.0 U	5.0 U
Carbon tetrachloride	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
Chlorobenzene	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
Chloroethane	UG/L	5	1.0 U	100 UJ	5.0 U	5.0 U
Chloroform	UG/L	7	1.0 U	100 U	5.0 U	5.0 U
Chloromethane	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
Cyclohexane	UG/L	-	1.0 U	100 U	5.0 U	5.0 U
Dibromochloromethane	UG/L	50	1.0 U	100 U	5.0 U	5.0 U
Dichlorodifluoromethane	UG/L	5	1.0 U	100 UJ	5.0 U	5.0 U
Ethylbenzene	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
Isopropylbenzene (Cumene)	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
Methyl acetate	UG/L	-	1.0 U	100 U	5.0 U	5.0 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	10 U	1,000 U	50 U	50 U
Methyl tert-butyl ether	UG/L	10	1.0 U	100 U	5.0 U	5.0 U
Methylcyclohexane	UG/L	-	1.0 U	100 U	5.0 U	5.0 U
Methylene chloride	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
Styrene	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
Tetrachloroethene	UG/L	5	1.0 U	100 U	2.2 J	2.1 J
Toluene	UG/L	5	1.0 U	74 J	5.0 U	5.0 U
Trichloroethene	UG/L	5	2.8	100 U	540 D	530 D
Trichlorofluoromethane	UG/L	5	1.0 U	100 U	5.0 U	5.0 U
Vinyl chloride	UG/L	2	1.0 U	3,800	5.0 U	5.0 U
Xylene (total)	UG/L	5	2.0 U	200 U	10 U	10 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

Made By AMK 6/4/12
Checked By PRF 6/4/12

Detection Limits shown are PQL

TABLE 3
VALIDATED FIELD QC ANALYTICAL RESULTS
POULTNEY STREET STIE

Location ID		FIELDQC
Sample ID		TRIP BLANK
Matrix		Water Quality
Depth Interval (ft)		-
Date Sampled		05/09/12
Parameter	Units	Trip Blank (1-1)
Volatile Organic Compounds		
1,1,1-Trichloroethane	UG/L	1.0 U
1,1,2,2-Tetrachloroethane	UG/L	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	1.0 U
1,1,2-Trichloroethane	UG/L	1.0 U
1,1-Dichloroethane	UG/L	1.0 U
1,1-Dichloroethene	UG/L	1.0 U
1,2,4-Trichlorobenzene	UG/L	1.0 UJ
1,2-Dibromo-3-chloropropane	UG/L	1.0 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	1.0 U
1,2-Dichlorobenzene	UG/L	1.0 U
1,2-Dichloroethane	UG/L	1.0 U
1,2-Dichloroethene (cis)	UG/L	1.0 U
1,2-Dichloroethene (trans)	UG/L	1.0 U
1,2-Dichloropropane	UG/L	1.0 U
1,3-Dichlorobenzene	UG/L	1.0 U
1,3-Dichloropropene (cis)	UG/L	1.0 U
1,3-Dichloropropene (trans)	UG/L	1.0 U
1,4-Dichlorobenzene	UG/L	1.0 U
2-Hexanone	UG/L	5.0 U
4-Methyl-2-pentanone	UG/L	5.0 U
Acetone	UG/L	10 U
Benzene	UG/L	1.0 U
Bromodichloromethane	UG/L	1.0 U
Bromoform	UG/L	1.0 UJ

Flags assigned during chemistry validation are shown.

Made By AMK 6/4/12
Checked By PRF 6/4/12

Detection Limits shown are PQL

TABLE 3
VALIDATED FIELD QC ANALYTICAL RESULTS
POULTNEY STREET STIE

Location ID		FIELDQC
Sample ID		TRIP BLANK
Matrix		Water Quality
Depth Interval (ft)		-
Date Sampled		05/09/12
Parameter	**Units**	Trip Blank (1-1)
Volatile Organic Compounds		
Bromomethane	UG/L	1.0 UJ
Carbon disulfide	UG/L	1.0 U
Carbon tetrachloride	UG/L	1.0 U
Chlorobenzene	UG/L	1.0 U
Chloroethane	UG/L	1.0 U
Chloroform	UG/L	1.0 U
Chloromethane	UG/L	1.0 U
Cyclohexane	UG/L	1.0 U
Dibromochloromethane	UG/L	1.0 U
Dichlorodifluoromethane	UG/L	1.0 U
Ethylbenzene	UG/L	1.0 U
Isopropylbenzene (Cumene)	UG/L	1.0 U
Methyl acetate	UG/L	1.0 U
Methyl ethyl ketone (2-Butanone)	UG/L	10 U
Methyl tert-butyl ether	UG/L	1.0 U
Methylcyclohexane	UG/L	1.0 U
Methylene chloride	UG/L	1.0 U
Styrene	UG/L	1.0 U
Tetrachloroethene	UG/L	1.0 U
Toluene	UG/L	1.0 U
Trichloroethene	UG/L	1.0 U
Trichlorofluoromethane	UG/L	1.0 U
Vinyl chloride	UG/L	1.0 U
Xylene (total)	UG/L	2.0 U

Flags assigned during chemistry validation are shown.

Made By AMK 6/4/12
Checked By PRF 6/4/12

Detection Limits shown are PQL

ATTACHMENT A

VALIDATED FORM Is

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-1/5-12 | Lab Sample ID: 480-19950-9

Matrix: Water | Lab File ID: N7696.D

Analysis Method: 8260B | Date Collected: 05/09/2012 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 16:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND	U5	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND	U5	1.0	0.26
74-83-9	Bromomethane	ND	U5	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	*cis-1,2-Dichloroethene*	110 ~~120~~	ED	*1.0*	*0.81*
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-1/5-12 | Lab Sample ID: 480-19950-9

Matrix: Water | Lab File ID: N7696.D

Analysis Method: 8260B | Date Collected: 05/09/2012 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 16:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	2.0		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	2.3		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	1.3		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		66-137
2037-26-5	Toluene-d8 (Surr)	112		71-126
460-00-4	4-Bromofluorobenzene (Surr)	112		73-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo	Job No.: 480-19950-1
SDG No.:	
Client Sample ID: MW-1/5-12	Lab Sample ID: 480-19950-9
Matrix: Water	Lab File ID: N7696.D
Analysis Method: 8260B	Date Collected: 05/09/2012 13:50
Sample wt/vol: 5(mL)	Date Analyzed: 05/15/2012 16:45
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: ZB-624 (60) ID: 0.25(mm)
% Moisture:	Level: (low/med) Low
Analysis Batch No.: 64472	Units: ug/L
Number TICs Found: 0	TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
Tentatively Identified Compound			None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-1/5-12 DL | Lab Sample ID: 480-19950-9 DL

Matrix: Water | Lab File ID: S14124.D

Analysis Method: 8260B | Date Collected: 05/09/2012 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 19:02

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.42
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.46
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62
75-34-3	1,1-Dichloroethane	ND		2.0	0.76
75-35-4	1,1-Dichloroethene	ND		2.0	0.58
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.78
106-93-4	1,2-Dibromoethane	ND		2.0	1.5
95-50-1	1,2-Dichlorobenzene	ND		2.0	1.6
107-06-2	1,2-Dichloroethane	ND		2.0	0.42
78-87-5	1,2-Dichloropropane	ND		2.0	1.4
541-73-1	1,3-Dichlorobenzene	ND		2.0	1.6
106-46-7	1,4-Dichlorobenzene	ND		2.0	1.7
591-78-6	2-Hexanone	ND		10	2.5
78-93-3	2-Butanone (MEK)	ND		20	2.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	4.2
67-64-1	Acetone	ND		20	6.0
71-43-2	Benzene	ND		2.0	0.82
75-27-4	Bromodichloromethane	ND		2.0	0.78
75-25-2	Bromoform	ND		2.0	0.52
74-83-9	Bromomethane	ND		2.0	1.4
75-15-0	Carbon disulfide	ND		2.0	0.38
56-23-5	Carbon tetrachloride	ND		2.0	0.54
108-90-7	Chlorobenzene	ND		2.0	1.5
124-48-1	Dibromochloromethane	ND		2.0	0.64
75-00-3	Chloroethane	ND		2.0	0.64
67-66-3	Chloroform	ND		2.0	0.68
74-87-3	Chloromethane	ND		2.0	0.70
156-59-2	cis-1,2-Dichloroethene	110		2.0	1.6
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.72
110-82-7	Cyclohexane	ND		2.0	0.36
75-71-8	Dichlorodifluoromethane	ND		2.0	1.4
100-41-4	Ethylbenzene	ND		2.0	1.5
98-82-8	Isopropylbenzene	ND		2.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-1/5-12 DL | Lab Sample ID: 480-19950-9 DL

Matrix: Water | Lab File ID: S14124.D

Analysis Method: 8260B | Date Collected: 05/09/2012 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 19:02

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.0	1.0
1634-04-4	Methyl tert-butyl ether	ND		2.0	0.32
108-87-2	Methylcyclohexane	ND		2.0	0.32
75-09-2	Methylene Chloride	ND		2.0	0.88
100-42-5	Styrene	ND		2.0	1.5
127-18-4	Tetrachloroethene	ND		2.0	0.72
108-88-3	Toluene	ND		2.0	1.0
156-60-5	trans-1,2-Dichloroethene	2.0		2.0	1.8
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.74
79-01-6	Trichloroethene	1.9	J	2.0	0.92
75-69-4	Trichlorofluoromethane	ND		2.0	1.8
75-01-4	Vinyl chloride	ND		2.0	1.8
1330-20-7	Xylenes, Total	ND		4.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		66-137
2037-26-5	Toluene-d8 (Surr)	108		71-126
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120

5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo	Job No.: 480-19950-1
SDG No.:	
Client Sample ID: MW-1/5-12 DL	Lab Sample ID: 480-19950-9 DL
Matrix: Water	Lab File ID: S14124.D
Analysis Method: 8260B	Date Collected: 05/09/2012 13:50
Sample wt/vol: 5(mL)	Date Analyzed: 05/16/2012 19:02
Soil Aliquot Vol:	Dilution Factor: 2
Soil Extract Vol.:	GC Column: ZB-624 (60) ID: 0.25(mm)
% Moisture:	Level: (low/med) Low
Analysis Batch No.: 64656	Units: ug/L
Number TICs Found: 0	TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-2/5-12 | Lab Sample ID: 480-19950-10

Matrix: Water | Lab File ID: N7697.D

Analysis Method: 8260B | Date Collected: 05/09/2012 14:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 17:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	0.95	J	1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-2/5-12 | Lab Sample ID: 480-19950-10

Matrix: Water | Lab File ID: N7697.D

Analysis Method: 8260B | Date Collected: 05/09/2012 14:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 17:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	0.88	J	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		66-137
2037-26-5	Toluene-d8 (Surr)	109		71-126
460-00-4	4-Bromofluorobenzene (Surr)	109		73-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-2/5-12 | Lab Sample ID: 480-19950-10

Matrix: Water | Lab File ID: N7697.D

Analysis Method: 8260B | Date Collected: 05/09/2012 14:35

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 17:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-3/5-12 | Lab Sample ID: 480-19950-2

Matrix: Water | Lab File ID: N7687.D

Analysis Method: 8260B | Date Collected: 05/08/2012 19:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 13:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND	U5	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND	U5	1.0	0.26
74-83-9	Bromomethane	ND	U5	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	*cis-1,2-Dichloroethene*	150 ~~170~~	D	*1.0*	*0.81*
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-3/5-12 | Lab Sample ID: 480-19950-2

Matrix: Water | Lab File ID: N7687.D

Analysis Method: 8260B | Date Collected: 05/08/2012 19:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 13:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	1.6		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	9.6		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	6.4		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		66-137
2037-26-5	Toluene-d8 (Surr)	110		71-126
460-00-4	4-Bromofluorobenzene (Surr)	112		73-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-3/5-12 | Lab Sample ID: 480-19950-2

Matrix: Water | Lab File ID: N7687.D

Analysis Method: 8260B | Date Collected: 05/08/2012 19:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 13:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-3/5-12 DL | Lab Sample ID: 480-19950-2 DL

Matrix: Water | Lab File ID: S14119.D

Analysis Method: 8260B | Date Collected: 05/08/2012 19:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 17:12

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.42
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.46
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62
75-34-3	1,1-Dichloroethane	ND		2.0	0.76
75-35-4	1,1-Dichloroethene	ND		2.0	0.58
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.78
106-93-4	1,2-Dibromoethane	ND		2.0	1.5
95-50-1	1,2-Dichlorobenzene	ND		2.0	1.6
107-06-2	1,2-Dichloroethane	ND		2.0	0.42
78-87-5	1,2-Dichloropropane	ND		2.0	1.4
541-73-1	1,3-Dichlorobenzene	ND		2.0	1.6
106-46-7	1,4-Dichlorobenzene	ND		2.0	1.7
591-78-6	2-Hexanone	ND		10	2.5
78-93-3	2-Butanone (MEK)	ND		20	2.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	4.2
67-64-1	Acetone	ND		20	6.0
71-43-2	Benzene	ND		2.0	0.82
75-27-4	Bromodichloromethane	ND		2.0	0.78
75-25-2	Bromoform	ND		2.0	0.52
74-83-9	Bromomethane	ND		2.0	1.4
75-15-0	Carbon disulfide	ND		2.0	0.38
56-23-5	Carbon tetrachloride	ND		2.0	0.54
108-90-7	Chlorobenzene	ND		2.0	1.5
124-48-1	Dibromochloromethane	ND		2.0	0.64
75-00-3	Chloroethane	ND		2.0	0.64
67-66-3	Chloroform	ND		2.0	0.68
74-87-3	Chloromethane	ND		2.0	0.70
156-59-2	cis-1,2-Dichloroethene	150		2.0	1.6
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.72
110-82-7	Cyclohexane	ND		2.0	0.36
75-71-8	Dichlorodifluoromethane	ND		2.0	1.4
100-41-4	Ethylbenzene	ND		2.0	1.5
98-82-8	Isopropylbenzene	ND		2.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-3/5-12 DL | Lab Sample ID: 480-19950-2 DL

Matrix: Water | Lab File ID: S14119.D

Analysis Method: 8260B | Date Collected: 05/08/2012 19:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 17:12

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.0	1.0
1634-04-4	Methyl tert-butyl ether	ND		2.0	0.32
108-87-2	Methylcyclohexane	ND		2.0	0.32
75-09-2	Methylene Chloride	ND		2.0	0.88
100-42-5	Styrene	ND		2.0	1.5
127-18-4	Tetrachloroethene	ND		2.0	0.72
108-88-3	Toluene	ND		2.0	1.0
156-60-5	trans-1,2-Dichloroethene	ND		2.0	1.8
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.74
79-01-6	Trichloroethene	8.7		2.0	0.92
75-69-4	Trichlorofluoromethane	ND		2.0	1.8
75-01-4	Vinyl chloride	7.7		2.0	1.8
1330-20-7	Xylenes, Total	ND		4.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		66-137
2037-26-5	Toluene-d8 (Surr)	107		71-126
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120

5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-3/5-12 DL | Lab Sample ID: 480-19950-2 DL

Matrix: Water | Lab File ID: S14119.D

Analysis Method: 8260B | Date Collected: 05/08/2012 19:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 17:12

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-4/5-12 | Lab Sample ID: 480-19950-1

Matrix: Water | Lab File ID: N7666.D

Analysis Method: 8260B | Date Collected: 05/08/2012 18:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 05:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64416 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	UJ	1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND	UJ	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-4/5-12 | Lab Sample ID: 480-19950-1

Matrix: Water | Lab File ID: N7666.D

Analysis Method: 8260B | Date Collected: 05/08/2012 18:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 05:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64416 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	0.82	J	1.0	0.46
75-69-4	Trichlorofluoromethane	ND	UJ	1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		66-137
2037-26-5	Toluene-d8 (Surr)	112		71-126
460-00-4	4-Bromofluorobenzene (Surr)	114		73-120

5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-4/5-12 | Lab Sample ID: 480-19950-1

Matrix: Water | Lab File ID: N7666.D

Analysis Method: 8260B | Date Collected: 05/08/2012 18:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 05:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64416 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-5/5-12 | Lab Sample ID: 480-19950-6

Matrix: Water | Lab File ID: S14136.D

Analysis Method: 8260B | Date Collected: 05/09/2012 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2012 00:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64750 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	U	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND	U	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND	U	1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND	U	1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND	U	1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	9.3		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND	U	1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-5/5-12 | Lab Sample ID: 480-19950-6

Matrix: Water | Lab File ID: S14136.D

Analysis Method: 8260B | Date Collected: 05/09/2012 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2012 00:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64750 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND	UJ	1.0	0.37
79-01-6	Trichloroethene	3.0		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		66-137
2037-26-5	Toluene-d8 (Surr)	107		71-126
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120

DMK 5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-5/5-12 | Lab Sample ID: 480-19950-6

Matrix: Water | Lab File ID: S14136.D

Analysis Method: 8260B | Date Collected: 05/09/2012 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/17/2012 00:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64750 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-6R/5-12 | Lab Sample ID: 480-19950-4

Matrix: Water | Lab File ID: N7689.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 13:59

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	15		5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6
75-34-3	1,1-Dichloroethane	ND		5.0	1.9
75-35-4	*1,1-Dichloroethene*	440 ~~540~~	E D5	*5.0*	*1.5*
120-82-1	1,2,4-Trichlorobenzene	ND	U5	5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.0
106-93-4	1,2-Dibromoethane	ND		5.0	3.7
95-50-1	1,2-Dichlorobenzene	ND		5.0	4.0
107-06-2	1,2-Dichloroethane	11		5.0	1.1
78-87-5	1,2-Dichloropropane	ND		5.0	3.6
541-73-1	1,3-Dichlorobenzene	ND		5.0	3.9
106-46-7	1,4-Dichlorobenzene	ND		5.0	4.2
591-78-6	2-Hexanone	6.4	J	25	6.2
78-93-3	2-Butanone (MEK)	ND		50	6.6
108-10-1	4-Methyl-2-pentanone (MIBK)	37		25	11
67-64-1	Acetone	23	J	50	15
71-43-2	Benzene	66		5.0	2.1
75-27-4	Bromodichloromethane	ND		5.0	2.0
75-25-2	Bromoform	ND	U5	5.0	1.3
74-83-9	Bromomethane	ND	U5	5.0	3.5
75-15-0	Carbon disulfide	ND		5.0	0.95
56-23-5	Carbon tetrachloride	ND		5.0	1.4
108-90-7	Chlorobenzene	ND		5.0	3.8
124-48-1	Dibromochloromethane	ND		5.0	1.6
75-00-3	Chloroethane	ND		5.0	1.6
67-66-3	Chloroform	ND		5.0	1.7
74-87-3	Chloromethane	ND		5.0	1.8
156-59-2	*cis-1,2-Dichloroethene*	300000 ~~37000~~	E D	*5.0*	*4.1*
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	1.8
110-82-7	Cyclohexane	3.7	J	5.0	0.90
75-71-8	Dichlorodifluoromethane	ND		5.0	3.4
100-41-4	Ethylbenzene	77		5.0	3.7
98-82-8	Isopropylbenzene	ND		5.0	4.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-6R/5-12 | Lab Sample ID: 480-19950-4

Matrix: Water | Lab File ID: N7689.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 13:59

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	2.5
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.80
108-87-2	Methylcyclohexane	ND		5.0	0.80
75-09-2	Methylene Chloride	ND		5.0	2.2
100-42-5	Styrene	ND		5.0	3.7
127-18-4	Tetrachloroethene	ND		5.0	1.8
108-88-3	*Toluene*	1100 ~~1200~~	E D	*5.0*	*2.6*
156-60-5	*trans-1,2-Dichloroethene*	1500 ~~2700~~	E D	*5.0*	*4.5*
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	1.9
79-01-6	*Trichloroethene*	38000 ~~14000~~	E D	*5.0*	*2.3*
75-69-4	Trichlorofluoromethane	ND		5.0	4.4
75-01-4	*Vinyl chloride*	21000 ~~11000~~	E D	*5.0*	*4.5*
1330-20-7	Xylenes, Total	190		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	130		66-137
2037-26-5	Toluene-d8 (Surr)	118		71-126
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120

5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-6R/5-12 | Lab Sample ID: 480-19950-4

Matrix: Water | Lab File ID: N7689.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 13:59

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

Number TICs Found: 7 | TIC Result Total: 155.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q
110-54-3	Hexane	2.71	49	J
96-37-7	Cyclopentane, methyl-	3.26	42	T J N
107-39-1	1-Pentene, 2,4,4-trimethyl-	4.65	18	T J N
108-67-8	1,3,5-Trimethylbenzene	9.01	4.9	J
95-63-6	1,2,4-Trimethylbenzene	9.42	18	
526-73-8	1,2,3-Trimethylbenzene	9.85	6.9	
91-20-3	Naphthalene	11.84	17	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-6R/5-12 DL | Lab Sample ID: 480-19950-4 DL

Matrix: Water | Lab File ID: S14121.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 17:55

Soil Aliquot Vol: | Dilution Factor: 1000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1000	820
79-34-5	1,1,2,2-Tetrachloroethane	ND		1000	210
79-00-5	1,1,2-Trichloroethane	ND		1000	230
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	310
75-34-3	1,1-Dichloroethane	ND		1000	380
75-35-4	1,1-Dichloroethene	440	J	1000	290
120-82-1	1,2,4-Trichlorobenzene	ND		1000	410
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1000	390
106-93-4	1,2-Dibromoethane	ND		1000	730
95-50-1	1,2-Dichlorobenzene	ND		1000	790
107-06-2	1,2-Dichloroethane	ND		1000	210
78-87-5	1,2-Dichloropropane	ND		1000	720
541-73-1	1,3-Dichlorobenzene	ND		1000	780
106-46-7	1,4-Dichlorobenzene	ND		1000	840
591-78-6	2-Hexanone	ND		5000	1200
78-93-3	2-Butanone (MEK)	ND		10000	1300
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5000	2100
67-64-1	Acetone	ND		10000	3000
71-43-2	Benzene	ND		1000	410
75-27-4	Bromodichloromethane	ND		1000	390
75-25-2	Bromoform	ND		1000	260
74-83-9	Bromomethane	ND		1000	690
75-15-0	Carbon disulfide	ND		1000	190
56-23-5	Carbon tetrachloride	ND		1000	270
108-90-7	Chlorobenzene	ND		1000	750
124-48-1	Dibromochloromethane	ND		1000	320
75-00-3	Chloroethane	ND		1000	320
67-66-3	Chloroform	ND		1000	340
74-87-3	Chloromethane	ND		1000	350
156-59-2	cis-1,2-Dichloroethene	570000	E	1000	810
10061-01-5	cis-1,3-Dichloropropene	ND		1000	360
110-82-7	Cyclohexane	ND		1000	180
75-71-8	Dichlorodifluoromethane	ND		1000	680
100-41-4	Ethylbenzene	ND		1000	740
98-82-8	Isopropylbenzene	ND		1000	790

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-6R/5-12 DL | Lab Sample ID: 480-19950-4 DL

Matrix: Water | Lab File ID: S14121.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 17:55

Soil Aliquot Vol: | Dilution Factor: 1000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1000	500
1634-04-4	Methyl tert-butyl ether	ND		1000	160
108-87-2	Methylcyclohexane	ND		1000	160
75-09-2	Methylene Chloride	ND		1000	440
100-42-5	Styrene	ND		1000	730
127-18-4	Tetrachloroethene	ND		1000	360
108-88-3	Toluene	1100		1000	510
156-60-5	trans-1,2-Dichloroethene	1500		1000	900
10061-02-6	trans-1,3-Dichloropropene	ND		1000	370
79-01-6	Trichloroethene	38000		1000	460
75-69-4	Trichlorofluoromethane	ND		1000	880
75-01-4	Vinyl chloride	27000		1000	900
1330-20-7	Xylenes, Total	ND		2000	660

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		66-137
2037-26-5	Toluene-d8 (Surr)	108		71-126
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120

5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-6R/5-12 DL | Lab Sample ID: 480-19950-4 DL

Matrix: Water | Lab File ID: S14121.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 17:55

Soil Aliquot Vol: | Dilution Factor: 1000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

DMK 5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-6R/5-12 DL2 | Lab Sample ID: 480-19950-4 DL2

Matrix: Water | Lab File ID: S14133.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 22:59

Soil Aliquot Vol: | Dilution Factor: 20000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64750 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		20000	16000
79-34-5	1,1,2,2-Tetrachloroethane	ND		20000	4200
79-00-5	1,1,2-Trichloroethane	ND		20000	4600
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20000	6200
75-34-3	1,1-Dichloroethane	ND		20000	7600
75-35-4	1,1-Dichloroethene	ND		20000	5800
120-82-1	1,2,4-Trichlorobenzene	ND		20000	8200
96-12-8	1,2-Dibromo-3-Chloropropane	ND		20000	7800
106-93-4	1,2-Dibromoethane	ND		20000	15000
95-50-1	1,2-Dichlorobenzene	ND		20000	16000
107-06-2	1,2-Dichloroethane	ND		20000	4200
78-87-5	1,2-Dichloropropane	ND		20000	14000
541-73-1	1,3-Dichlorobenzene	ND		20000	16000
106-46-7	1,4-Dichlorobenzene	ND		20000	17000
591-78-6	2-Hexanone	ND		100000	25000
78-93-3	2-Butanone (MEK)	ND		200000	26000
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		100000	42000
67-64-1	Acetone	ND		200000	60000
71-43-2	Benzene	ND		20000	8200
75-27-4	Bromodichloromethane	ND		20000	7800
75-25-2	Bromoform	ND		20000	5200
74-83-9	Bromomethane	ND		20000	14000
75-15-0	Carbon disulfide	ND		20000	3800
56-23-5	Carbon tetrachloride	ND		20000	5400
108-90-7	Chlorobenzene	ND		20000	15000
124-48-1	Dibromochloromethane	ND		20000	6400
75-00-3	Chloroethane	ND		20000	6400
67-66-3	Chloroform	ND		20000	6800
74-87-3	Chloromethane	ND		20000	7000
156-59-2	cis-1,2-Dichloroethene	500000		20000	16000
10061-01-5	cis-1,3-Dichloropropene	ND		20000	7200
110-82-7	Cyclohexane	ND		20000	3600
75-71-8	Dichlorodifluoromethane	ND		20000	14000
100-41-4	Ethylbenzene	ND		20000	15000
98-82-8	Isopropylbenzene	ND		20000	16000

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-6R/5-12 DL2 | Lab Sample ID: 480-19950-4 DL2

Matrix: Water | Lab File ID: S14133.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 22:59

Soil Aliquot Vol: | Dilution Factor: 20000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64750 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		20000	10000
1634-04-4	Methyl tert-butyl ether	ND		20000	3200
108-87-2	Methylcyclohexane	ND		20000	3200
75-09-2	Methylene Chloride	ND		20000	8800
100-42-5	Styrene	ND		20000	15000
127-18-4	Tetrachloroethene	ND		20000	7200
108-88-3	Toluene	ND		20000	10000
156-60-5	trans-1,2-Dichloroethene	ND		20000	18000
10061-02-6	trans-1,3-Dichloropropene	ND		20000	7400
79-01-6	Trichloroethene	32000		20000	9200
75-69-4	Trichlorofluoromethane	ND		20000	18000
75-01-4	Vinyl chloride	23000		20000	18000
1330-20-7	Xylenes, Total	ND		40000	13000

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		66-137
2037-26-5	Toluene-d8 (Surr)	108		71-126
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120

5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-6R/5-12 DL2 | Lab Sample ID: 480-19950-4 DL2

Matrix: Water | Lab File ID: S14133.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 22:59

Soil Aliquot Vol: | Dilution Factor: 20000

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64750 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

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FORM I-TIC 8260B

FORM I

GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-7/5-12 Lab Sample ID: 480-19950-7

Matrix: Water Lab File ID: N7692.D

Analysis Method: 8260B Date Collected: 05/09/2012 12:00

Sample wt/vol: 5(mL) Date Analyzed: 05/15/2012 15:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64472 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND	UJ	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND	UJ	1.0	0.26
74-83-9	Bromomethane	ND	UJ	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	8.9		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-7/5-12 | Lab Sample ID: 480-19950-7

Matrix: Water | Lab File ID: N7692.D

Analysis Method: 8260B | Date Collected: 05/09/2012 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 15:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	2.5		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		66-137
2037-26-5	Toluene-d8 (Surr)	110		71-126
460-00-4	4-Bromofluorobenzene (Surr)	112		73-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-7/5-12 | Lab Sample ID: 480-19950-7

Matrix: Water | Lab File ID: N7692.D

Analysis Method: 8260B | Date Collected: 05/09/2012 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 15:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-8/5-12 | Lab Sample ID: 480-19950-12

Matrix: Water | Lab File ID: N7699.D

Analysis Method: 8260B | Date Collected: 05/09/2012 15:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 17:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND	U5	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND	U5	1.0	0.26
74-83-9	Bromomethane	ND	U5	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	2.5		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: MW-8/5-12 | Lab Sample ID: 480-19950-12

Matrix: Water | Lab File ID: N7699.D

Analysis Method: 8260B | Date Collected: 05/09/2012 15:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 17:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		66-137
2037-26-5	Toluene-d8 (Surr)	111		71-126
460-00-4	4-Bromofluorobenzene (Surr)	111		73-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo	Job No.: 480-19950-1
SDG No.:	
Client Sample ID: MW-8/5-12	Lab Sample ID: 480-19950-12
Matrix: Water	Lab File ID: N7699.D
Analysis Method: 8260B	Date Collected: 05/09/2012 15:10
Sample wt/vol: 5(mL)	Date Analyzed: 05/15/2012 17:57
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: ZB-624 (60) ID: 0.25(mm)
% Moisture:	Level: (low/med) Low
Analysis Batch No.: 64472	Units: ug/L
Number TICs Found: 0	TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-3/5-12 | Lab Sample ID: 480-19950-13

Matrix: Water | Lab File ID: N7700.D

Analysis Method: 8260B | Date Collected: 05/09/2012 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 18:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND	UJ	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND	UJ	1.0	0.26
74-83-9	Bromomethane	ND	UJ	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-3/5-12 | Lab Sample ID: 480-19950-13

Matrix: Water | Lab File ID: N7700.D

Analysis Method: 8260B | Date Collected: 05/09/2012 15:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 18:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		66-137
2037-26-5	Toluene-d8 (Surr)	112		71-126
460-00-4	4-Bromofluorobenzene (Surr)	112		73-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo	Job No.: 480-19950-1
SDG No.:	
Client Sample ID: PZ-3/5-12	Lab Sample ID: 480-19950-13
Matrix: Water	Lab File ID: N7700.D
Analysis Method: 8260B	Date Collected: 05/09/2012 15:55
Sample wt/vol: 5(mL)	Date Analyzed: 05/15/2012 18:21
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: ZB-624 (60) ID: 0.25(mm)
% Moisture:	Level: (low/med) Low
Analysis Batch No.: 64472	Units: ug/L
Number TICs Found: 0	TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-4/5-12 | Lab Sample ID: 480-19950-14

Matrix: Water | Lab File ID: N7701.D

Analysis Method: 8260B | Date Collected: 05/09/2012 16:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 18:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND	U5	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND	U5	1.0	0.26
74-83-9	Bromomethane	ND	U5	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-4/5-12 | Lab Sample ID: 480-19950-14

Matrix: Water | Lab File ID: N7701.D

Analysis Method: 8260B | Date Collected: 05/09/2012 16:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 18:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		66-137
2037-26-5	Toluene-d8 (Surr)	114		71-126
460-00-4	4-Bromofluorobenzene (Surr)	113		73-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo	Job No.: 480-19950-1
SDG No.:	
Client Sample ID: PZ-4/5-12	Lab Sample ID: 480-19950-14
Matrix: Water	Lab File ID: N7701.D
Analysis Method: 8260B	Date Collected: 05/09/2012 16:30
Sample wt/vol: 5(mL)	Date Analyzed: 05/15/2012 18:45
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: ZB-624 (60) ID: 0.25(mm)
% Moisture:	Level: (low/med) Low
Analysis Batch No.: 64472	Units: ug/L
Number TICs Found: 0	TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-7/5-12 | Lab Sample ID: 480-19950-8

Matrix: Water | Lab File ID: N7695.D

Analysis Method: 8260B | Date Collected: 05/09/2012 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 16:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND	U5	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND	U5	1.0	0.26
74-83-9	Bromomethane	ND	U5	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	28		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-7/5-12 | Lab Sample ID: 480-19950-8

Matrix: Water | Lab File ID: N7695.D

Analysis Method: 8260B | Date Collected: 05/09/2012 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 16:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	2.8		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		66-137
2037-26-5	Toluene-d8 (Surr)	114		71-126
460-00-4	4-Bromofluorobenzene (Surr)	115		73-120

5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-7/5-12 | Lab Sample ID: 480-19950-8

Matrix: Water | Lab File ID: N7695.D

Analysis Method: 8260B | Date Collected: 05/09/2012 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 16:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-9/5-12 | Lab Sample ID: 480-19950-5

Matrix: Water | Lab File ID: S14135.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 23:42

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64750 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	U	100	82
79-34-5	1,1,2,2-Tetrachloroethane	ND		100	21
79-00-5	1,1,2-Trichloroethane	ND		100	23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31
75-34-3	1,1-Dichloroethane	ND		100	38
75-35-4	1,1-Dichloroethene	ND		100	29
120-82-1	1,2,4-Trichlorobenzene	ND	U	100	41
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	100	39
106-93-4	1,2-Dibromoethane	ND		100	73
95-50-1	1,2-Dichlorobenzene	ND		100	79
107-06-2	1,2-Dichloroethane	ND		100	21
78-87-5	1,2-Dichloropropane	ND		100	72
541-73-1	1,3-Dichlorobenzene	ND		100	78
106-46-7	1,4-Dichlorobenzene	ND		100	84
591-78-6	2-Hexanone	ND		500	120
78-93-3	2-Butanone (MEK)	ND		1000	130
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		500	210
67-64-1	Acetone	ND		1000	300
71-43-2	Benzene	ND		100	41
75-27-4	Bromodichloromethane	ND		100	39
75-25-2	Bromoform	ND	U	100	26
74-83-9	Bromomethane	ND		100	69
75-15-0	Carbon disulfide	ND	U	100	19
56-23-5	Carbon tetrachloride	ND		100	27
108-90-7	Chlorobenzene	ND		100	75
124-48-1	Dibromochloromethane	ND		100	32
75-00-3	Chloroethane	ND	U	100	32
67-66-3	Chloroform	ND		100	34
74-87-3	Chloromethane	ND		100	35
156-59-2	cis-1,2-Dichloroethene	9900		100	81
10061-01-5	cis-1,3-Dichloropropene	ND		100	36
110-82-7	Cyclohexane	ND		100	18
75-71-8	Dichlorodifluoromethane	ND	U	100	68
100-41-4	Ethylbenzene	ND		100	74
98-82-8	Isopropylbenzene	ND		100	79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-9/5-12 | Lab Sample ID: 480-19950-5

Matrix: Water | Lab File ID: S14135.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 23:42

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64750 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		100	50
1634-04-4	Methyl tert-butyl ether	ND		100	16
108-87-2	Methylcyclohexane	ND		100	16
75-09-2	Methylene Chloride	ND		100	44
100-42-5	Styrene	ND		100	73
127-18-4	Tetrachloroethene	ND		100	36
108-88-3	Toluene	74	J	100	51
156-60-5	trans-1,2-Dichloroethene	ND		100	90
10061-02-6	trans-1,3-Dichloropropene	ND	UJ	100	37
79-01-6	Trichloroethene	ND		100	46
75-69-4	Trichlorofluoromethane	ND		100	88
75-01-4	Vinyl chloride	3800		100	90
1330-20-7	Xylenes, Total	ND		200	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		66-137
2037-26-5	Toluene-d8 (Surr)	108		71-126
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-9/5-12 | Lab Sample ID: 480-19950-5

Matrix: Water | Lab File ID: S14135.D

Analysis Method: 8260B | Date Collected: 05/09/2012 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 23:42

Soil Aliquot Vol: | Dilution Factor: 100

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64750 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-12/5-12 | Lab Sample ID: 480-19950-3

Matrix: Water | Lab File ID: N7688.D

Analysis Method: 8260B | Date Collected: 05/09/2012 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 13:35

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6
75-34-3	1,1-Dichloroethane	ND		5.0	1.9
75-35-4	1,1-Dichloroethene	ND		5.0	1.5
120-82-1	1,2,4-Trichlorobenzene	ND	UJ	5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.0
106-93-4	1,2-Dibromoethane	ND		5.0	3.7
95-50-1	1,2-Dichlorobenzene	ND		5.0	4.0
107-06-2	1,2-Dichloroethane	ND		5.0	1.1
78-87-5	1,2-Dichloropropane	ND		5.0	3.6
541-73-1	1,3-Dichlorobenzene	ND		5.0	3.9
106-46-7	1,4-Dichlorobenzene	ND		5.0	4.2
591-78-6	2-Hexanone	ND		25	6.2
78-93-3	2-Butanone (MEK)	ND		50	6.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	11
67-64-1	Acetone	ND		50	15
71-43-2	Benzene	ND		5.0	2.1
75-27-4	Bromodichloromethane	ND		5.0	2.0
75-25-2	Bromoform	ND	UJ	5.0	1.3
74-83-9	Bromomethane	ND	UJ	5.0	3.5
75-15-0	Carbon disulfide	ND		5.0	0.95
56-23-5	Carbon tetrachloride	ND		5.0	1.4
108-90-7	Chlorobenzene	ND		5.0	3.8
124-48-1	Dibromochloromethane	ND		5.0	1.6
75-00-3	Chloroethane	ND		5.0	1.6
67-66-3	Chloroform	ND		5.0	1.7
74-87-3	Chloromethane	ND		5.0	1.8
156-59-2	cis-1,2-Dichloroethene	220		5.0	4.1
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	1.8
110-82-7	Cyclohexane	ND		5.0	0.90
75-71-8	Dichlorodifluoromethane	ND		5.0	3.4
100-41-4	Ethylbenzene	ND		5.0	3.7
98-82-8	Isopropylbenzene	ND		5.0	4.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-12/5-12 | Lab Sample ID: 480-19950-3

Matrix: Water | Lab File ID: N7688.D

Analysis Method: 8260B | Date Collected: 05/09/2012 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 13:35

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	2.5
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.80
108-87-2	Methylcyclohexane	ND		5.0	0.80
75-09-2	Methylene Chloride	ND		5.0	2.2
100-42-5	Styrene	ND		5.0	3.7
127-18-4	Tetrachloroethene	2.1	J	5.0	1.8
108-88-3	Toluene	ND		5.0	2.6
156-60-5	trans-1,2-Dichloroethene	ND		5.0	4.5
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	1.9
79-01-6	*Trichloroethene*	530 ~~520~~	E D	*5.0*	*2.3*
75-69-4	Trichlorofluoromethane	ND		5.0	4.4
75-01-4	Vinyl chloride	ND		5.0	4.5
1330-20-7	Xylenes, Total	ND		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		66-137
2037-26-5	Toluene-d8 (Surr)	112		71-126
460-00-4	4-Bromofluorobenzene (Surr)	116		73-120

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-12/5-12 | Lab Sample ID: 480-19950-3

Matrix: Water | Lab File ID: N7688.D

Analysis Method: 8260B | Date Collected: 05/09/2012 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 13:35

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-12/5-12 DL Lab Sample ID: 480-19950-3 DL

Matrix: Water Lab File ID: S14120.D

Analysis Method: 8260B Date Collected: 05/09/2012 09:10

Sample wt/vol: 5(mL) Date Analyzed: 05/16/2012 17:34

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64656 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		10	8.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	2.1
79-00-5	1,1,2-Trichloroethane	ND		10	2.3
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1
75-34-3	1,1-Dichloroethane	ND		10	3.8
75-35-4	1,1-Dichloroethene	ND		10	2.9
120-82-1	1,2,4-Trichlorobenzene	ND		10	4.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10	3.9
106-93-4	1,2-Dibromoethane	ND		10	7.3
95-50-1	1,2-Dichlorobenzene	ND		10	7.9
107-06-2	1,2-Dichloroethane	ND		10	2.1
78-87-5	1,2-Dichloropropane	ND		10	7.2
541-73-1	1,3-Dichlorobenzene	ND		10	7.8
106-46-7	1,4-Dichlorobenzene	ND		10	8.4
591-78-6	2-Hexanone	ND		50	12
78-93-3	2-Butanone (MEK)	ND		100	13
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		50	21
67-64-1	Acetone	ND		100	30
71-43-2	Benzene	ND		10	4.1
75-27-4	Bromodichloromethane	ND		10	3.9
75-25-2	Bromoform	ND		10	2.6
74-83-9	Bromomethane	ND		10	6.9
75-15-0	Carbon disulfide	ND		10	1.9
56-23-5	Carbon tetrachloride	ND		10	2.7
108-90-7	Chlorobenzene	ND		10	7.5
124-48-1	Dibromochloromethane	ND		10	3.2
75-00-3	Chloroethane	ND		10	3.2
67-66-3	Chloroform	ND		10	3.4
74-87-3	Chloromethane	ND		10	3.5
156-59-2	cis-1,2-Dichloroethene	210		10	8.1
10061-01-5	cis-1,3-Dichloropropene	ND		10	3.6
110-82-7	Cyclohexane	ND		10	1.8
75-71-8	Dichlorodifluoromethane	ND		10	6.8
100-41-4	Ethylbenzene	ND		10	7.4
98-82-8	Isopropylbenzene	ND		10	7.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-12/5-12 DL | Lab Sample ID: 480-19950-3 DL

Matrix: Water | Lab File ID: S14120.D

Analysis Method: 8260B | Date Collected: 05/09/2012 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 17:34

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10	5.0
1634-04-4	Methyl tert-butyl ether	ND		10	1.6
108-87-2	Methylcyclohexane	ND		10	1.6
75-09-2	Methylene Chloride	ND		10	4.4
100-42-5	Styrene	ND		10	7.3
127-18-4	Tetrachloroethene	ND		10	3.6
108-88-3	Toluene	ND		10	5.1
156-60-5	trans-1,2-Dichloroethene	ND		10	9.0
10061-02-6	trans-1,3-Dichloropropene	ND		10	3.7
79-01-6	Trichloroethene	530		10	4.6
75-69-4	Trichlorofluoromethane	ND		10	8.8
75-01-4	Vinyl chloride	ND		10	9.0
1330-20-7	Xylenes, Total	ND		20	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		66-137
2037-26-5	Toluene-d8 (Surr)	108		71-126
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: PZ-12/5-12 DL | Lab Sample ID: 480-19950-3 DL

Matrix: Water | Lab File ID: S14120.D

Analysis Method: 8260B | Date Collected: 05/09/2012 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 17:34

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

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PZ-12/5-12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: 20120509-FD-1 | Lab Sample ID: 480-19950-11

Matrix: Water | Lab File ID: N7698.D

Analysis Method: 8260B | Date Collected: 05/09/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 17:33

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	2.2	J	5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6
75-34-3	1,1-Dichloroethane	ND		5.0	1.9
75-35-4	1,1-Dichloroethene	ND		5.0	1.5
120-82-1	1,2,4-Trichlorobenzene	ND	U5	5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.0
106-93-4	1,2-Dibromoethane	ND		5.0	3.7
95-50-1	1,2-Dichlorobenzene	ND		5.0	4.0
107-06-2	1,2-Dichloroethane	ND		5.0	1.1
78-87-5	1,2-Dichloropropane	ND		5.0	3.6
541-73-1	1,3-Dichlorobenzene	ND		5.0	3.9
106-46-7	1,4-Dichlorobenzene	ND		5.0	4.2
591-78-6	2-Hexanone	ND		25	6.2
78-93-3	2-Butanone (MEK)	ND		50	6.6
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	11
67-64-1	Acetone	ND		50	15
71-43-2	Benzene	ND		5.0	2.1
75-27-4	Bromodichloromethane	ND		5.0	2.0
75-25-2	Bromoform	ND	U5	5.0	1.3
74-83-9	Bromomethane	ND	U5	5.0	3.5
75-15-0	Carbon disulfide	ND		5.0	0.95
56-23-5	Carbon tetrachloride	ND		5.0	1.4
108-90-7	Chlorobenzene	ND		5.0	3.8
124-48-1	Dibromochloromethane	ND		5.0	1.6
75-00-3	Chloroethane	ND		5.0	1.6
67-66-3	Chloroform	ND		5.0	1.7
74-87-3	Chloromethane	ND		5.0	1.8
156-59-2	cis-1,2-Dichloroethene	220		5.0	4.1
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	1.8
110-82-7	Cyclohexane	ND		5.0	0.90
75-71-8	Dichlorodifluoromethane	ND		5.0	3.4
100-41-4	Ethylbenzene	ND		5.0	3.7
98-82-8	Isopropylbenzene	ND		5.0	4.0

P2-1215-12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: 20120509-FD-1 | Lab Sample ID: 480-19950-11

Matrix: Water | Lab File ID: N7698.D

Analysis Method: 8260B | Date Collected: 05/09/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 17:33

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	2.5
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.80
108-87-2	Methylcyclohexane	ND		5.0	0.80
75-09-2	Methylene Chloride	ND		5.0	2.2
100-42-5	Styrene	ND		5.0	3.7
127-18-4	Tetrachloroethene	2.2	J	5.0	1.8
108-88-3	Toluene	ND		5.0	2.6
156-60-5	trans-1,2-Dichloroethene	ND		5.0	4.5
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	1.9
79-01-6	*Trichloroethene*	540 ~~520~~ ED		*5.0*	*2.3*
75-69-4	Trichlorofluoromethane	ND		5.0	4.4
75-01-4	Vinyl chloride	ND		5.0	4.5
1330-20-7	Xylenes, Total	ND		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		66-137
2037-26-5	Toluene-d8 (Surr)	112		71-126
460-00-4	4-Bromofluorobenzene (Surr)	112		73-120

5/31/12

P2-1215-12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo	Job No.: 480-19950-1
SDG No.:	
Client Sample ID: 20120509-FD-1	Lab Sample ID: 480-19950-11
Matrix: Water	Lab File ID: N7698.D
Analysis Method: 8260B	Date Collected: 05/09/2012 00:00
Sample wt/vol: 5(mL)	Date Analyzed: 05/15/2012 17:33
Soil Aliquot Vol:	Dilution Factor: 5
Soil Extract Vol.:	GC Column: ZB-624 (60) ID: 0.25(mm)
% Moisture:	Level: (low/med) Low
Analysis Batch No.: 64472	Units: ug/L
Number TICs Found: 0	TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
Tentatively Identified Compound			None	

P2-12/5-12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: 20120509-FD-1 DL | Lab Sample ID: 480-19950-11 DL

Matrix: Water | Lab File ID: S14125.D

Analysis Method: 8260B | Date Collected: 05/09/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 19:23

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		10	8.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	2.1
79-00-5	1,1,2-Trichloroethane	ND		10	2.3
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1
75-34-3	1,1-Dichloroethane	ND		10	3.8
75-35-4	1,1-Dichloroethene	ND		10	2.9
120-82-1	1,2,4-Trichlorobenzene	ND		10	4.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10	3.9
106-93-4	1,2-Dibromoethane	ND		10	7.3
95-50-1	1,2-Dichlorobenzene	ND		10	7.9
107-06-2	1,2-Dichloroethane	ND		10	2.1
78-87-5	1,2-Dichloropropane	ND		10	7.2
541-73-1	1,3-Dichlorobenzene	ND		10	7.8
106-46-7	1,4-Dichlorobenzene	ND		10	8.4
591-78-6	2-Hexanone	ND		50	12
78-93-3	2-Butanone (MEK)	ND		100	13
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		50	21
67-64-1	Acetone	ND		100	30
71-43-2	Benzene	ND		10	4.1
75-27-4	Bromodichloromethane	ND		10	3.9
75-25-2	Bromoform	ND		10	2.6
74-83-9	Bromomethane	ND		10	6.9
75-15-0	Carbon disulfide	ND		10	1.9
56-23-5	Carbon tetrachloride	ND		10	2.7
108-90-7	Chlorobenzene	ND		10	7.5
124-48-1	Dibromochloromethane	ND		10	3.2
75-00-3	Chloroethane	ND		10	3.2
67-66-3	Chloroform	ND		10	3.4
74-87-3	Chloromethane	ND		10	3.5
156-59-2	cis-1,2-Dichloroethene	220		10	8.1
10061-01-5	cis-1,3-Dichloropropene	ND		10	3.6
110-82-7	Cyclohexane	ND		10	1.8
75-71-8	Dichlorodifluoromethane	ND		10	6.8
100-41-4	Ethylbenzene	ND		10	7.4
98-82-8	Isopropylbenzene	ND		10	7.9

PZ-12/5-12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: 20120509-FD-1 DL | Lab Sample ID: 480-19950-11 DL

Matrix: Water | Lab File ID: S14125.D

Analysis Method: 8260B | Date Collected: 05/09/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/16/2012 19:23

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64656 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10	5.0
1634-04-4	Methyl tert-butyl ether	ND		10	1.6
108-87-2	Methylcyclohexane	ND		10	1.6
75-09-2	Methylene Chloride	ND		10	4.4
100-42-5	Styrene	ND		10	7.3
127-18-4	Tetrachloroethene	ND		10	3.6
108-88-3	Toluene	ND		10	5.1
156-60-5	trans-1,2-Dichloroethene	ND		10	9.0
10061-02-6	trans-1,3-Dichloropropene	ND		10	3.7
79-01-6	Trichloroethene	540		10	4.6
75-69-4	Trichlorofluoromethane	ND		10	8.8
75-01-4	Vinyl chloride	ND		10	9.0
1330-20-7	Xylenes, Total	ND		20	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		66-137
2037-26-5	Toluene-d8 (Surr)	108		71-126
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120

5/31/12

P2-12/5-12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo	Job No.: 480-19950-1
SDG No.:	
Client Sample ID: 20120509-FD-1 DL	Lab Sample ID: 480-19950-11 DL
Matrix: Water	Lab File ID: S14125.D
Analysis Method: 8260B	Date Collected: 05/09/2012 00:00
Sample wt/vol: 5(mL)	Date Analyzed: 05/16/2012 19:23
Soil Aliquot Vol:	Dilution Factor: 10
Soil Extract Vol.:	GC Column: ZB-624 (60) ID: 0.25(mm)
% Moisture:	Level: (low/med) Low
Analysis Batch No.: 64656	Units: ug/L
Number TICs Found: 0	TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

5/31/12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: TRIP BLANKS | Lab Sample ID: 480-19950-15

Matrix: Water | Lab File ID: N7702.D

Analysis Method: 8260B | Date Collected: 05/09/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 19:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND	UJ	1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
591-78-6	2-Hexanone	ND		5.0	1.2
78-93-3	2-Butanone (MEK)	ND		10	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND	UJ	1.0	0.26
74-83-9	Bromomethane	ND	UJ	1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo | Job No.: 480-19950-1

SDG No.:

Client Sample ID: TRIP BLANKS | Lab Sample ID: 480-19950-15

Matrix: Water | Lab File ID: N7702.D

Analysis Method: 8260B | Date Collected: 05/09/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/15/2012 19:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: ZB-624 (60) ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64472 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		1.0	0.50
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		66-137
2037-26-5	Toluene-d8 (Surr)	113		71-126
460-00-4	4-Bromofluorobenzene (Surr)	114		73-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Buffalo	Job No.: 480-19950-1
SDG No.:	
Client Sample ID: TRIP BLANKS	Lab Sample ID: 480-19950-15
Matrix: Water	Lab File ID: N7702.D
Analysis Method: 8260B	Date Collected: 05/09/2012 00:00
Sample wt/vol: 5(mL)	Date Analyzed: 05/15/2012 19:08
Soil Aliquot Vol:	Dilution Factor: 1
Soil Extract Vol.:	GC Column: ZB-624 (60) ID: 0.25(mm)
% Moisture:	Level: (low/med) Low
Analysis Batch No.: 64472	Units: ug/L
Number TICs Found: 0	TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

ATTACHMENT B

SUPPORT DOCUMENTATION

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11764429.00002

SITE NAME Poultney Street # 558019

LAB TEST AMERICA

COOLER 1 of 1

PAGE 1 of 2

SAMPLERS (PRINT/SIGNATURE) John Boyd Chuck Dusel

DELIVERY SERVICE: Hand deliver AIRBILL NO.:

TESTS: VOCs (8260) TCL

BOTTLE TYPE AND PRESERVATIVE: 40 mL vials HCL

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	40 mL vials HCL	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (IRPIMS ONLY)
MW-04	5/8/12	1845	Grab	MW-4/5-12	WG	3	3		N	–	–	–
MW-03	5/8/12	1940		MW-3/5-12		3	3		N	–	–	–
PZ-12	5/9/12	0910		~~MW~~ PZ-12/5-12		3	3		N	–	–	–
MW-06R	5/9/12	1020		MW-6R/5-12		3	3		N	–	–	–
PZ-09	5/9/12	1030		PZ-9/5-12		3	3		N	–	–	–
MW-05	5/9/12	1110		MW-5/5-12		3	3		N	–	–	–
MW-07	5/9/12	1200		MW-7/5-12		3	3		N	–	–	–
MW-07	5/9/12	1200		MW-7/5-12 MS		3	3		MS	–	–	–
MW-07	5/9/12	1200		MW-7/5-12 MSD		3	3		SD	–	–	–
PZ-07	5/9/12	1300		PZ-7/5-12		3	3		N	–	–	–
MW-01	5/9/12	1350		MW-1/5-12		3	3		N	–	–	–
MW-02	5/9/12	1435		MW-2/5-12		3	3		N	–	–	–
—	5/9/12	—	↓	20120509-FD-1	↓	3	3	PZ-1345-12	FR	–	–	–

MATRIX CODES: AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES: TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE; (# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
John Boyd	5/10/12	1931			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
John Boyd	5/11/12	19:31			

SPECIAL INSTRUCTIONS: IF QUESTIONS, Contact GEORGE KISLUK, URS, at 716 856-5636. TAL Project Mgr SALLY HOFFMAN

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CofCR/GCM

3.1 #2 dwk 5/31/12

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 11764290.0002

SITE NAME POULTNEY STREET #558019

SAMPLERS (PRINT/SIGNATURE) JOHN BOYD Chuck Dusel

DELIVERY SERVICE: Hand deliver AIRBILL NO.:

LAB TEST AMERICA

COOLER 1 of 1

PAGE 2 of 2

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# OF CONTAINERS	TESTS: TCL VOCs 8260	BOTTLE TYPE AND PRESERVATIVE: 40 mL VOA's HCl	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (IRPIMS ONLY)
MW-08	5/9/12	1510	GRAB	MW-8/5-12	WG	3	3	3					
PZ-03	5/9/12	1555	GRAB	PZ-3/5-12	"	3	3	3					
PZ-04	5/9/12	1630	GRAB	PZ-4/5-12	"	3	3	3					
"	"		"	TRIP BLANKS	"	2	2						

MATRIX CODES

AA - AMBIENT AIR; SE - SEDIMENT; SH - HAZARDOUS SOLID WASTE; SL - SLUDGE; WP - DRINKING WATER; WW - WASTE WATER; WG - GROUND WATER; SO - SOIL; DC - DRILL CUTTINGS; WL - LEACHATE; GS - SOIL GAS; WC - DRILLING WATER; WO - OCEAN WATER; WS - SURFACE WATER; WQ - WATER FIELD QC; LH - HAZARDOUS LIQUID WASTE; LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES

TB# - TRIP BLANK; SD# - MATRIX SPIKE DUPLICATE; RB# - RINSE BLANK; FR# - FIELD REPLICATE; N# - NORMAL ENVIRONMENTAL SAMPLE; MS# - MATRIX SPIKE

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
John Boyd	5/10/12	1931			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
Jason Mudra	5/11/12	1932			

SPECIAL INSTRUCTIONS

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/CofCR/GCM

3.1 #2

Job Narrative
480-19950-1

Comments
No additional comments.

Receipt
The samples were received on 5/10/2012 7:31 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

GC/MS VOA
Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: 20120509-FD-1 (480-19950-11), MW-6R/5-12 (480-19950-4), PZ-12/5-12 (480-19950-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 64472 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: (480-19950-11 MS), (480-19950-11 MSD), 20120509-FD-1 (480-19950-11DL), MW-1/5-12 (480-19950-9DL), MW-3/5-12 (480-19950-2DL), MW-6R/5-12 (480-19950-4DL), PZ-12/5-12 (480-19950-3DL). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 64656 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: (480-19950-5 MS), (480-19950-5 MSD), MW-6R/5-12 (480-19950-4DL), MW-6R/5-12 (480-19950-4DL2), PZ-9/5-12 (480-19950-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The continuing calibration verification (CCV) for Bromomethane associated with batch 64416 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-19950-1

SDG No.:

Lab File ID: N7648.D BFB Injection Date: 05/14/2012

Instrument ID: HP5973N BFB Injection Time: 21:36

Analysis Batch No.: 64416

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	30.3	
75	30.0 - 60.0 % of mass 95	46.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	73.0	
175	5.0 - 9.0 % of mass 174	6.0	(8.3)1
176	95.0 - 101.0 % of mass 174	70.9	(97.0)1
177	5.0 - 9.0 % of mass 176	4.6	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-64416/2	N7650.D	05/14/2012	22:32
	CCV 480-64416/3	N7651.D	05/14/2012	23:06
	MB 480-64416/5	N7653.D	05/14/2012	23:53
	LCS 480-64416/31	N7654.D	05/15/2012	00:27
MW-4/5-12	480-19950-1	N7666.D	05/15/2012	05:20

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-19950-1

SDG No.:

Lab Sample ID: CCVIS 480-64416/2 Calibration Date: 05/14/2012 22:32

Instrument ID: HP5973N Calib Start Date: 05/08/2012 22:15

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 05/09/2012 00:14

Lab File ID: N7650.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2973	0.3039		25.6	25.0	2.2	50.0
Chloromethane	Ave	0.6466	0.5761	0.1000	22.3	25.0	-10.9	50.0
Vinyl chloride	Ave	0.4529	0.4133		22.8	25.0	-8.8	20.0
Bromomethane	Qua		0.1024		38.9	25.0	55.6*	50.0
Chloroethane	Ave	0.1944	0.1929		24.8	25.0	-0.8	50.0
Trichlorofluoromethane	Ave	0.2826	0.3519		31.1	25.0	24.5	50.0
Acrolein	Ave	0.0290	0.0335		578	500	15.6	50.0
1,1-Dichloroethene	Ave	0.2567	0.2938	0.1000	28.6	25.0	14.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2220	0.2696		30.4	25.0	21.4	50.0
Acetone	Ave	0.1987	0.2097		132	125	5.5	50.0
Iodomethane	Ave	0.3869	0.4172		27.0	25.0	7.8	50.0
Carbon disulfide	Ave	0.8740	0.8482		24.3	25.0	-3.0	50.0
Acetonitrile	Ave	0.0473	0.0501		1060	1000	5.9	50.0
Methyl acetate	Ave	0.8772	0.9134		26.0	25.0	4.1	50.0
Methylene Chloride	Ave	0.3442	0.3596		26.1	25.0	4.5	50.0
Methyl tert-butyl ether	Ave	1.029	1.094		26.6	25.0	6.4	50.0
trans-1,2-Dichloroethene	Ave	0.3114	0.3265		26.2	25.0	4.9	50.0
Acrylonitrile	Ave	0.2087	0.2241		134	125	7.4	50.0
1,1-Dichloroethane	Ave	0.7474	0.7803		26.1	25.0	4.4	50.0
Vinyl acetate	Ave	0.9920	1.103		139	125	11.2	50.0
2,2-Dichloropropane	Ave	0.2733	0.2749		25.1	25.0	0.6	50.0
cis-1,2-Dichloroethene	Ave	0.3279	0.3383		25.8	25.0	3.2	50.0
2-Butanone (MEK)	Ave	0.3134	0.3339		133	125	6.6	50.0
Bromochloromethane	Ave	0.1502	0.1590		26.5	25.0	5.8	50.0
Tetrahydrofuran	Ave	0.2092	0.2203		132	125	5.3	50.0
Chloroform	Ave	0.5269	0.5706		27.1	25.0	8.3	20.0
1,1,1-Trichloroethane	Ave	0.3817	0.4150		27.2	25.0	8.7	50.0
Cyclohexane	Ave	0.8535	0.8688		25.4	25.0	1.8	50.0
Carbon tetrachloride	Ave	0.3195	0.3348		26.2	25.0	4.8	50.0
1,1-Dichloropropene	Ave	0.4338	0.4549		26.2	25.0	4.9	50.0
Benzene	Ave	1.299	1.334		25.7	25.0	2.7	50.0
1,2-Dichloroethane	Ave	0.5470	0.5910		27.0	25.0	8.0	50.0
Trichloroethene	Ave	0.3020	0.3134		25.9	25.0	3.8	50.0
Methylcyclohexane	Ave	0.5268	0.5595		26.5	25.0	6.2	50.0
1,2-Dichloropropane	Ave	0.4028	0.4125		25.6	25.0	2.4	20.0
Dibromomethane	Ave	0.1650	0.1755		26.6	25.0	6.4	50.0
Bromodichloromethane	Ave	0.3270	0.3443		26.3	25.0	5.3	50.0
2-Chloroethyl vinyl ether	Ave	0.2650	0.2911		137	125	9.9	50.0
cis-1,3-Dichloropropene	Ave	0.4490	0.4668		26.0	25.0	4.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7381	0.7842		133	125	6.2	50.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-19950-1

SDG No.:

Lab File ID: N7680.D BFB Injection Date: 05/15/2012

Instrument ID: HP5973N BFB Injection Time: 10:01

Analysis Batch No.: 64472

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	29.0	
75	30.0 - 60.0 % of mass 95	45.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	78.4	
175	5.0 - 9.0 % of mass 174	5.9	(7.5)1
176	95.0 - 101.0 % of mass 174	75.4	(96.1)1
177	5.0 - 9.0 % of mass 176	5.3	(7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-64472/2	N7681.D	05/15/2012	10:24
	CCV 480-64472/3	N7682.D	05/15/2012	10:54
	LCS 480-64472/4	N7683.D	05/15/2012	11:18
	MB 480-64472/5	N7684.D	05/15/2012	11:41
MW-3/5-12	480-19950-2	N7687.D	05/15/2012	13:12
PZ-12/5-12	480-19950-3	N7688.D	05/15/2012	13:35
MW-6R/5-12	480-19950-4	N7689.D	05/15/2012	13:59
MW-7/5-12	480-19950-7	N7692.D	05/15/2012	15:10
MW-7/5-12 MS	480-19950-7 MS	N7693.D	05/15/2012	15:34
MW-7/5-12 MSD	480-19950-7 MSD	N7694.D	05/15/2012	15:57
PZ-7/5-12	480-19950-8	N7695.D	05/15/2012	16:21
MW-1/5-12	480-19950-9	N7696.D	05/15/2012	16:45
MW-2/5-12	480-19950-10	N7697.D	05/15/2012	17:09
20120509-FD-1	480-19950-11	N7698.D	05/15/2012	17:33
MW-8/5-12	480-19950-12	N7699.D	05/15/2012	17:57
PZ-3/5-12	480-19950-13	N7700.D	05/15/2012	18:21
PZ-4/5-12	480-19950-14	N7701.D	05/15/2012	18:45
TRIP BLANKS	480-19950-15	N7702.D	05/15/2012	19:08

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-19950-1

SDG No.:

Lab Sample ID: CCVIS 480-64472/2 Calibration Date: 05/15/2012 10:24

Instrument ID: HP5973N Calib Start Date: 05/08/2012 22:15

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 05/09/2012 00:14

Lab File ID: N7681.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2973	0.3236		27.2	25.0	8.8	50.0
Chloromethane	Ave	0.6466	0.6217	0.1000	24.0	25.0	-3.9	50.0
Vinyl chloride	Ave	0.4529	0.4112		22.7	25.0	-9.2	20.0
Bromomethane	Qua		0.0808		31.4	25.0	25.6	50.0
Chloroethane	Ave	0.1944	0.2105		27.1	25.0	8.3	50.0
Trichlorofluoromethane	Ave	0.2826	0.3140		27.8	25.0	11.1	50.0
Acrolein	Ave	0.0290	0.0328		567	500	13.4	50.0
1,1-Dichloroethene	Ave	0.2567	0.2745	0.1000	26.7	25.0	7.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2220	0.2619		29.5	25.0	18.0	50.0
Acetone	Ave	0.1987	0.2035		128	125	2.4	50.0
Iodomethane	Ave	0.3869	0.4370		28.2	25.0	13.0	50.0
Carbon disulfide	Ave	0.8740	0.8786		25.1	25.0	0.5	50.0
Acetonitrile	Ave	0.0473	0.0502		1060	1000	6.2	50.0
Methyl acetate	Ave	0.8772	0.9269		26.4	25.0	5.7	50.0
Methylene Chloride	Ave	0.3442	0.3653		26.5	25.0	6.1	50.0
Methyl tert-butyl ether	Ave	1.029	1.153		28.0	25.0	12.1	50.0
trans-1,2-Dichloroethene	Ave	0.3114	0.3432		27.6	25.0	10.2	50.0
Acrylonitrile	Ave	0.2087	0.2245		135	125	7.6	50.0
1,1-Dichloroethane	Ave	0.7474	0.7774		26.0	25.0	4.0	50.0
Vinyl acetate	Ave	0.9920	1.080		136	125	8.8	50.0
2,2-Dichloropropane	Ave	0.2733	0.2538		23.2	25.0	-7.2	50.0
cis-1,2-Dichloroethene	Ave	0.3279	0.3564		27.2	25.0	8.7	50.0
2-Butanone (MEK)	Ave	0.3134	0.3325		133	125	6.1	50.0
Bromochloromethane	Ave	0.1502	0.1674		27.9	25.0	11.4	50.0
Tetrahydrofuran	Ave	0.2092	0.2303		138	125	10.1	50.0
Chloroform	Ave	0.5269	0.5615		26.6	25.0	6.6	20.0
1,1,1-Trichloroethane	Ave	0.3817	0.3932		25.8	25.0	3.0	50.0
Cyclohexane	Ave	0.8535	0.9116		26.7	25.0	6.8	50.0
Carbon tetrachloride	Ave	0.3195	0.3070		24.0	25.0	-3.9	50.0
1,1-Dichloropropene	Ave	0.4338	0.4594		26.5	25.0	5.9	50.0
Benzene	Ave	1.299	1.381		26.6	25.0	6.3	50.0
1,2-Dichloroethane	Ave	0.5470	0.5666		25.9	25.0	3.6	50.0
Trichloroethene	Ave	0.3020	0.3193		26.4	25.0	5.7	50.0
Methylcyclohexane	Ave	0.5268	0.6085		28.9	25.0	15.5	50.0
1,2-Dichloropropane	Ave	0.4028	0.4163		25.8	25.0	3.3	20.0
Dibromomethane	Ave	0.1650	0.1751		26.5	25.0	6.1	50.0
Bromodichloromethane	Ave	0.3270	0.3248		24.8	25.0	-0.7	50.0
2-Chloroethyl vinyl ether	Ave	0.2650	0.2953		139	125	11.4	50.0
cis-1,3-Dichloropropene	Ave	0.4490	0.4665		26.0	25.0	3.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.7381	0.7968		135	125	8.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-19950-1

SDG No.:

Lab Sample ID: CCVIS 480-64472/2 Calibration Date: 05/15/2012 10:24

Instrument ID: HP5973N Calib Start Date: 05/08/2012 22:15

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 05/09/2012 00:14

Lab File ID: N7681.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene	Ave	0.9190	0.9761		26.6	25.0	6.2	20.0
trans-1,3-Dichloropropene	Ave	0.4830	0.4953		25.6	25.0	2.5	50.0
Ethyl methacrylate	Ave	0.4886	0.5199		26.6	25.0	6.4	50.0
1,1,2-Trichloroethane	Ave	0.2578	0.2747		26.6	25.0	6.6	50.0
Tetrachloroethene	Ave	0.3546	0.3936		27.8	25.0	11.0	50.0
1,3-Dichloropropane	Ave	0.5703	0.6036		26.5	25.0	5.8	50.0
2-Hexanone	Ave	0.5128	0.5656		138	125	10.3	50.0
Dibromochloromethane	Lin		0.2363		20.7	25.0	-17.2	50.0
1,2-Dibromoethane	Ave	0.3180	0.3415		26.9	25.0	7.4	50.0
Chlorobenzene	Ave	1.000	1.070	0.3000	26.7	25.0	7.0	50.0
1,1,1,2-Tetrachloroethane	Ave	0.2999	0.3057		25.5	25.0	1.9	50.0
Ethylbenzene	Ave	1.702	1.856		27.3	25.0	9.1	20.0
m-Xylene & p-Xylene	Ave	0.6700	0.7327		54.7	50.0	9.4	50.0
o-Xylene	Ave	0.6554	0.7027		26.8	25.0	7.2	50.0
Styrene	Ave	1.037	1.134		27.3	25.0	9.3	50.0
Bromoform	Lin		0.1189	0.1000	19.5	25.0	-22.0	50.0
Isopropylbenzene	Ave	3.427	3.626		26.5	25.0	5.8	50.0
Bromobenzene	Ave	0.7584	0.8279		27.3	25.0	9.2	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8192	0.8548	0.3000	26.1	25.0	4.3	50.0
1,2,3-Trichloropropane	Ave	0.2564	0.2714		26.5	25.0	5.9	50.0
N-Propylbenzene	Ave	4.096	4.293		26.2	25.0	4.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3966	0.3757		118	125	-5.3	50.0
2-Chlorotoluene	Ave	0.7727	0.8097		26.2	25.0	4.8	50.0
1,3,5-Trimethylbenzene	Ave	2.766	3.001		27.1	25.0	8.5	50.0
4-Chlorotoluene	Ave	2.787	2.913		26.1	25.0	4.5	50.0
tert-Butylbenzene	Ave	0.5593	0.6239		27.9	25.0	11.5	50.0
1,2,4-Trimethylbenzene	Ave	2.760	2.993		27.1	25.0	8.5	50.0
sec-Butylbenzene	Ave	3.453	3.698		26.8	25.0	7.1	50.0
1,3-Dichlorobenzene	Ave	1.467	1.577		26.9	25.0	7.5	50.0
4-Isopropyltoluene	Ave	2.730	3.022		27.7	25.0	10.7	50.0
1,4-Dichlorobenzene	Ave	1.513	1.645		27.2	25.0	8.8	50.0
n-Butylbenzene	Ave	2.542	2.746		27.0	25.0	8.0	50.0
1,2-Dichlorobenzene	Ave	1.355	1.493		27.5	25.0	10.2	50.0
1,2-Dibromo-3-Chloropropane	Lin1		0.1013		25.4	25.0	1.6	50.0
1,2,4-Trichlorobenzene	Ave	0.6580	0.7947		30.2	25.0	20.8	50.0
Hexachlorobutadiene	Qua		0.3472		27.8	25.0	11.2	50.0
Naphthalene	Ave	1.808	2.169		30.0	25.0	20.0	50.0
1,2,3-Trichlorobenzene	Ave	0.5437	0.6510		29.9	25.0	19.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3965	0.4110		25.9	25.0	3.7	50.0
Toluene-d8 (Surr)	Ave	1.267	1.410		27.8	25.0	11.3	50.0
4-Bromofluorobenzene (Surr)	Ave	0.3500	0.4009		28.6	25.0	14.6	50.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Buffalo Job No.: 480-19950-1

SDG No.:

Lab File ID: S14128.D BFB Injection Date: 05/16/2012

Instrument ID: HP5973S BFB Injection Time: 20:38

Analysis Batch No.: 64750

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.5	
75	30.0 - 60.0 % of mass 95	48.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	76.1	
175	5.0 - 9.0 % of mass 174	5.4	(7.1)1
176	95.0 - 101.0 % of mass 174	76.3	(100.3)1
177	5.0 - 9.0 % of mass 176	4.9	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 480-64750/2	S14129.D	05/16/2012	21:04
	CCV 480-64750/3	S14130.D	05/16/2012	21:43
	LCS 480-64750/4	S14131.D	05/16/2012	22:04
	MB 480-64750/5	S14132.D	05/16/2012	22:26
MW-6R/5-12 DL2	480-19950-4 DL2	S14133.D	05/16/2012	22:59
PZ-9/5-12	480-19950-5	S14135.D	05/16/2012	23:42
MW-5/5-12	480-19950-6	S14136.D	05/17/2012	00:03
PZ-9/5-12 MS	480-19950-5 MS	S14154.D	05/17/2012	06:36
PZ-9/5-12 MSD	480-19950-5 MSD	S14155.D	05/17/2012	06:57

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-19950-1

SDG No.:

Lab Sample ID: CCVIS 480-64750/2 Calibration Date: 05/16/2012 21:04

Instrument ID: HP5973S Calib Start Date: 04/28/2012 12:26

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 04/28/2012 14:13

Lab File ID: S14129.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2016	0.2612		32.4	25.0	29.5	50.0
Chloromethane	Ave	0.2602	0.2731	0.1000	26.2	25.0	4.9	50.0
Vinyl chloride	Ave	0.2749	0.2977		27.1	25.0	8.3	20.0
Bromomethane	Ave	0.0689	0.0743		26.9	25.0	7.8	50.0
Chloroethane	Ave	0.1076	0.1556		36.1	25.0	44.6	50.0
Trichlorofluoromethane	Lin1F		0.2607		28.7	25.0	14.8	50.0
Acrolein	Ave	0.0257	0.0231		449	500	-10.2	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2194	0.2169		24.7	25.0	-1.1	50.0
1,1-Dichloroethene	Ave	0.2586	0.2604	0.1000	25.2	25.0	0.7	20.0
Acetone	LinF		0.1086		126	125	1.0	50.0
Iodomethane	Ave	0.2984	0.2869		24.0	25.0	-3.9	50.0
Carbon disulfide	Ave	0.5947	0.4187		17.6	25.0	-29.6	50.0
Methyl acetate	Ave	0.3776	0.4206		27.8	25.0	11.4	50.0
Acetonitrile	Ave	0.0219	0.0227		1040	1000	3.5	50.0
Methylene Chloride	Ave	0.3315	0.2962		22.3	25.0	-10.7	50.0
Methyl tert-butyl ether	Ave	1.030	0.8531		20.7	25.0	-17.2	50.0
trans-1,2-Dichloroethene	Ave	0.2821	0.2683		23.8	25.0	-4.9	50.0
Acrylonitrile	Ave	0.1219	0.1148		118	125	-5.8	50.0
1,1-Dichloroethane	Ave	0.5115	0.4621		22.6	25.0	-9.7	50.0
Vinyl acetate	Ave	0.6313	0.4813		95.3	125	-23.8	50.0
2,2-Dichloropropane	Ave	0.2539	0.1765		17.4	25.0	-30.5	50.0
cis-1,2-Dichloroethene	Ave	0.3127	0.2924		23.4	25.0	-6.5	50.0
2-Butanone (MEK)	Ave	0.1773	0.1633		115	125	-7.9	50.0
Bromochloromethane	Ave	0.1387	0.1302		23.5	25.0	-6.1	50.0
Tetrahydrofuran	Lin1F		0.1070		123	125	-1.6	50.0
Chloroform	Ave	0.5094	0.4578		22.5	25.0	-10.1	20.0
1,1,1-Trichloroethane	Ave	0.3738	0.2770		18.5	25.0	-25.9	50.0
Cyclohexane	Ave	0.4883	0.4180		21.4	25.0	-14.4	50.0
Carbon tetrachloride	Ave	0.2783	0.2461		22.1	25.0	-11.6	50.0
1,1-Dichloropropene	Ave	0.3910	0.3605		23.0	25.0	-7.8	50.0
Benzene	Ave	1.191	1.109		23.3	25.0	-6.9	50.0
1,2-Dichloroethane	Ave	0.4284	0.3950		23.1	25.0	-7.8	50.0
Trichloroethene	Ave	0.3002	0.2762		23.0	25.0	-8.0	50.0
Methylcyclohexane	Ave	0.4910	0.4400		22.4	25.0	-10.4	50.0
1,2-Dichloropropane	Ave	0.2974	0.2631		22.1	25.0	-11.5	20.0
Dibromomethane	Ave	0.1781	0.1637		23.0	25.0	-8.1	50.0
Bromodichloromethane	Ave	0.3513	0.2808		20.0	25.0	-20.0	50.0
2-Chloroethyl vinyl ether	Ave	0.2276	0.2051		113	125	-9.9	50.0
cis-1,3-Dichloropropene	Ave	0.4645	0.3717		20.0	25.0	-20.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6684	0.6172		115	125	-7.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-19950-1

SDG No.:

Lab Sample ID: CCVIS 480-64750/2 Calibration Date: 05/16/2012 21:04

Instrument ID: HP5973S Calib Start Date: 04/28/2012 12:26

GC Column: ZB-624 (60) ID: 0.25(mm) Calib End Date: 04/28/2012 14:13

Lab File ID: S14129.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toluene	Ave	1.489	1.352		22.7	25.0	-9.2	20.0
trans-1,3-Dichloropropene	Ave	0.8429	0.6414		19.0	25.0	-23.9	50.0
Ethyl methacrylate	Ave	0.8938	0.7212		20.2	25.0	-19.3	50.0
1,1,2-Trichloroethane	Ave	0.4371	0.3949		22.6	25.0	-9.7	50.0
Tetrachloroethene	Ave	0.5334	0.4985		23.4	25.0	-6.5	50.0
1,3-Dichloropropane	Ave	0.9496	0.8489		22.3	25.0	-10.6	50.0
2-Hexanone	Ave	0.4829	0.4548		118	125	-5.8	50.0
Dibromochloromethane	Ave	0.4466	0.3274		18.3	25.0	-26.7	50.0
1,2-Dibromoethane	Ave	0.5100	0.4663		22.9	25.0	-8.6	50.0
Chlorobenzene	Ave	1.545	1.417	0.3000	22.9	25.0	-8.3	50.0
Ethylbenzene	Ave	2.778	2.536		22.8	25.0	-8.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4814	0.3835		19.9	25.0	-20.3	50.0
m,p-Xylene	Ave	1.022	0.9469		46.3	50.0	-7.3	50.0
o-Xylene	Ave	1.008	0.9064		22.5	25.0	-10.0	50.0
Styrene	Ave	1.644	1.487		22.6	25.0	-9.5	50.0
Bromoform	LinF		0.1686	0.1000	13.9	25.0	-44.4	50.0
Isopropylbenzene	Ave	2.888	2.641		22.9	25.0	-8.5	50.0
Bromobenzene	Ave	0.6924	0.6303		22.8	25.0	-9.0	50.0
1,1,2,2-Tetrachloroethane	Ave	0.8148	0.7377	0.3000	22.6	25.0	-9.5	50.0
N-Propylbenzene	Ave	3.745	3.404		22.7	25.0	-9.1	50.0
1,2,3-Trichloropropane	Ave	0.2460	0.2402		24.4	25.0	-2.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2575	0.2104		102	125	-18.3	50.0
2-Chlorotoluene	Ave	0.6767	0.6165		22.8	25.0	-8.9	50.0
1,3,5-Trimethylbenzene	Ave	2.493	2.268		22.7	25.0	-9.0	50.0
4-Chlorotoluene	Ave	0.7175	0.6531		22.8	25.0	-9.0	50.0
tert-Butylbenzene	Ave	0.5371	0.4837		22.5	25.0	-9.9	50.0
1,2,4-Trimethylbenzene	Ave	2.556	2.303		22.5	25.0	-9.9	50.0
sec-Butylbenzene	Ave	3.119	2.811		22.5	25.0	-9.9	50.0
1,3-Dichlorobenzene	Ave	1.361	1.248		22.9	25.0	-8.3	50.0
4-Isopropyltoluene	Ave	2.631	2.345		22.3	25.0	-10.9	50.0
1,4-Dichlorobenzene	Ave	1.438	1.284		22.3	25.0	-10.7	50.0
n-Butylbenzene	Ave	2.596	2.301		22.2	25.0	-11.3	50.0
1,2-Dichlorobenzene	Ave	1.359	1.219		22.4	25.0	-10.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1599	0.1121		17.5	25.0	-29.9	50.0
1,2,4-Trichlorobenzene	Ave	1.024	0.7912		19.3	25.0	-22.7	50.0
Hexachlorobutadiene	Ave	0.2131	0.1709		20.1	25.0	-19.8	50.0
Naphthalene	Ave	1.362	1.058		19.4	25.0	-22.3	50.0
1,2,3-Trichlorobenzene	Ave	0.4510	0.3342		18.5	25.0	-25.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1799	0.1934		26.9	25.0	7.5	50.0
Toluene-d8 (Surr)	Ave	2.046	2.245		27.4	25.0	9.7	50.0
4-Bromofluorobenzene (Surr)	Ave	0.5773	0.6167		26.7	25.0	6.8	50.0

APPENDIX E

MONITORING WELL INSPECTION FORMS

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: MW-1

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition.

HINGE/LID: Good condition

LOCK/HASP: Lock no. 2537. Good condition. Lubricated

PAD: No pad. Soil.

BOLLARDS: None

LABEL/ID: New label in good condition,

OTHER:

INTERIOR INSPECTION

WELL RISER: 2-inch PVC

ANNULAR SPACE: Grout

WELL CAP: J-Plug

WATER LEVEL: 8.58 ‘

DEPTH TO BOTTOM: 25.34’

OTHER:

COMMENTS:

Inspector’s Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: MW-2

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition

HINGE/LID: Good condition

LOCK/HASP: Lock no. 2537. Good condition. Lubricated

PAD: No pad. Soil.

BOLLARDS: None

LABEL/ID: New label in good condition,

OTHER:

INTERIOR INSPECTION

WELL RISER: 2-inch PVC

ANNULAR SPACE: Grout

WELL CAP: J-Plug

WATER LEVEL: 7.27'

DEPTH TO BOTTOM: 10.68'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: MW-3

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition.

HINGE/LID: Good condition

LOCK/HASP: Lock no. 2537. Good condition. Lubricated

PAD: No pad. Soil.

BOLLARDS: None

LABEL/ID: No label. Added well no. with marking pen.

OTHER:

INTERIOR INSPECTION

WELL RISER: 2-inch PVC

ANNULAR SPACE: Grout

WELL CAP: J-Plug

WATER LEVEL: 4.54'

DEPTH TO BOTTOM: 20.36'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: MW-4

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition.

HINGE/LID: Good condition

LOCK/HASP: Lock no. 2537. Good condition. Lubricated

PAD: No pad. Gravel.

BOLLARDS: None

LABEL/ID: No label. Added well no. with marking pen.

OTHER:

INTERIOR INSPECTION

WELL RISER: 2-inch PVC

ANNULAR SPACE: Grout

WELL CAP: J-Plug

WATER LEVEL: 3.76'

DEPTH TO BOTTOM: 22.46'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: MW-5

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition.

HINGE/LID: No hinge. Lid in good condition.

LOCK/HASP: Lock no. 2537. Good condition. Lubricated.

PAD: Concrete in good condition.

BOLLARDS: None

LABEL/ID: No label. Added well no. with marking pen.

OTHER:

INTERIOR INSPECTION

WELL RISER: 2-inch PVC

ANNULAR SPACE: Grout

WELL CAP: J-Plug

WATER LEVEL: 4.11'

DEPTH TO BOTTOM: 13.08'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: MW-6R

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition.

HINGE/LID: Hinge/lid in good condition.

LOCK/HASP: Lock no. 2537. Good condition. Lubricated.

PAD: No pad. Soil.

BOLLARDS: None

LABEL/ID: Label in good condition.

OTHER:

INTERIOR INSPECTION

WELL RISER: 2-inch PVC

ANNULAR SPACE: Grout

WELL CAP: J-Plug

WATER LEVEL: 6.47'

DEPTH TO BOTTOM: 24.98'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: MW-7

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition.

HINGE/LID: Hinge/lid in good condition.

LOCK/HASP: Lock no. 2537. Good condition. Lubricated.

PAD: Concrete in good condition.

BOLLARDS: None

LABEL/ID: Label in good condition.

OTHER:

INTERIOR INSPECTION

WELL RISER: 2-inch PVC

ANNULAR SPACE: Grout

WELL CAP: J-Plug

WATER LEVEL: 4.98'

DEPTH TO BOTTOM: 16.65'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: MW-8

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition.

HINGE/LID: Hinge/lid in good condition.

LOCK/HASP: Lock no. 2537. Good condition. Lubricated.

PAD: Concrete in good condition.

BOLLARDS: None

LABEL/ID: Label in good condition.

OTHER:

INTERIOR INSPECTION

WELL RISER: 2-inch PVC

ANNULAR SPACE: Grout

WELL CAP: J-Plug

WATER LEVEL: 6.77'

DEPTH TO BOTTOM: 21.62'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: PZ-3

EXTERIOR INSPECTION

PROTECTIVE CASING: None. Flush mount.

HINGE/LID: None. Flush mount.

LOCK/HASP: No lock.

PAD: Concrete in good condition.

BOLLARDS: None

LABEL/ID: No label.

OTHER: 1-inch PVC pipe placed in ground adjacent to the well to mark its position.

Flagging in nearby trees would be helpful to mark well location.

INTERIOR INSPECTION

WELL RISER: 1-inch PVC

ANNULAR SPACE: Grout

WELL CAP: 1-inch PVC cap.

WATER LEVEL: 1.0'

DEPTH TO BOTTOM: 10.59'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: PZ-4

EXTERIOR INSPECTION

PROTECTIVE CASING: None. Flush mount.

HINGE/LID: None. Flush mount.

LOCK/HASP: No lock.

PAD: Concrete in good condition.

BOLLARDS: None

LABEL/ID: No label.

OTHER: 1-inch PVC pipe placed in ground adjacent to the well to mark its position.

Flagging in nearby trees would be helpful to mark well location.

INTERIOR INSPECTION

WELL RISER: 1-inch PVC

ANNULAR SPACE: Grout

WELL CAP: 1-inch PVC cap.

WATER LEVEL: 0.15'

DEPTH TO BOTTOM: 11.26'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: PZ-7

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition.

HINGE/LID: Hinge/lid in good condition.

LOCK/HASP: Lock no. 2537. Good condition. Lubricated.

PAD: Concrete in good condition.

BOLLARDS: None

LABEL/ID: Label in good condition.

OTHER:

INTERIOR INSPECTION

WELL RISER: 1-inch PVC

ANNULAR SPACE: Grout

WELL CAP: 1-inch PVC cap.

WATER LEVEL: 4.26'

DEPTH TO BOTTOM: 14.11'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: PZ-9

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition.

HINGE/LID: Hinge/lid in good condition.

LOCK/HASP: No lock. Bolt and nut.

PAD: None. Soil.

BOLLARDS: None

LABEL/ID: Label in good condition.

OTHER:

INTERIOR INSPECTION

WELL RISER: 1-inch PVC

ANNULAR SPACE: Grout

WELL CAP: 1-inch PVC cap.

WATER LEVEL: 6.63'

DEPTH TO BOTTOM: 17.98'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

MONITORING WELL INSPECTION FORM

POULTNEY STREET SITE - POSTCLOSURES

WELL ID: PZ-12

EXTERIOR INSPECTION

PROTECTIVE CASING: Good condition.

HINGE/LID: Hinge/lid in good condition.

LOCK/HASP: Lock no. 2537. Good condition. Lubricated.

PAD: None. Soil.

BOLLARDS: None

LABEL/ID: Label in good condition.

OTHER:

INTERIOR INSPECTION

WELL RISER: 1-inch PVC

ANNULAR SPACE: Grout

WELL CAP: 1-inch PVC cap.

WATER LEVEL: 7.27'

DEPTH TO BOTTOM: 10.68'

OTHER:

COMMENTS:

Inspector's Name: Kris Keenan Chuck Dusel

APPENDIX F

SITE INSPECTION FORM

POULTNEY STREET SITE – POST CLOSURE

NYSDEC SITE NO. 558019

INSPECTION LOG SHEET

Date: 5/9/2012 **Inspector:** Chuck Dusel

Weather: Partly cloudy to cloudy. **Signature:** _____

Temperature: 70's °F. **Company:** URS Corporation

Type: Winter **Spring** Summer Fall
(Circle One)

Item Inspected	Maintenance Needed (Y/N)	Comments	Inspector's Initials
Groundwater Monitoring Wells	No	Wells in good condition. One well bolted shut – no lock.	CD
Vegetative Cover	No	Good condition. Vegetation well established with no significant bare spots.	CD.
Repaired Vegetation	No	No vegetation repair has been necessary or performed since remedial activities completed.	CD.
Final Cover Layers (Cap Settlement, etc.)	No	Good condition. There are no areas of settlement, erosion or animal borrows.	CD.
Fence and Gate	No	Fence and gate around cap area in excellent condition. Not locked per NYSDEC.	CD.
Other Items: (Specify)	No	None noted	CD.
Other Items: (Specify)	No	None noted	CD.

TABLE 2

LANDFILL CAP SYSTEM

MINIMUM CHECKLIST FOR ROUTINE INSPECTIONS

Component	Item	Number/Location/ Area Checked	Condition
Cap Grading	Obvious subsidences, depressions, or cracks Evidence of ponded water Stressed vegetation Signs of erosion occurring at a localized change in grade Evidence of breaching of toe Animal burrows Other:	Entire Cap	No obvious subsidence, depressions, or cracks. No stressed vegetation. No signs of erosion occurring at a localized change in grade. No evidence of breaching of toe. No animal burrows.
Cap Vegetation and Repaired Vegetation	Areas of sparse, dead, or missing vegetation Small rill erosion Animal burrows Other:	Entire Cap	No areas of sparse, dead, or missing vegetation. No small rill erosion. No animal burrows.
Groundwater Monitoring Wells	Condition of lock and cover Signs of damage to casing or collar Condition of weep hole from casing Evidence of tampering Other:	All site wells	No problem noted. See Monitoring Well Inspection Logs
Fences and Gates	Cutting or bending of fence fabric Missing locks, hinges, etc. from gates Motorbike or snowmobile tracks Shotgun shell casings Beer cans or other trash Other signs of access or vandalism Condition of access road surface Other:	Entire Fence, Perimeter and Gate	E.B. Metals' facility caretaker locks gate at road to prevent site access because of scrap metal theft and dumping. No lock on site gate per NYSDEC. Construction haul road, built during remediation, is only roughly graded. All remaining items are OK.