GROUNDWATER SAMPLING LETTER REPORT

FORMER GRIFFIN TECHNOLOGY FACILITY
FARMINGTON, ONTARIO COUNTY, NEW YORK

Prepared for
Diebold, Inc.
Canton, Ohio

July 2013

URS

1375 Euclid Avenue, Suite 600
Cleveland, Ohio 44115-1808
216-622-2400
Project No. 13816402.10000

URS

July 2, 2013

Mr. Todd M. Caffoe, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

RE: Annual Groundwater Sampling Letter Report
Former Griffin Technology Facility (Site No. 835008)
Farmington, New York

Dear Mr. Caffoe:

On behalf of Diebold, Inc., URS Corporation (URS) has prepared this Annual Groundwater Sampling Letter Report to summarize field activities as part of the groundwater sampling effort performed in March 2013 in the vicinity of the former Griffin Technology Facility located in Farmington, New York (Figure 1). The former Griffin Technology Facility site is currently owned by S & W Redevelopment of North America, LLC (SWRNA). Since SWRNA acquired the property in 2007, they have implemented an in-situ chemical oxidation (ISCO) groundwater remediation strategy that included the injection of potassium permanganate into the groundwater which breaks down and extinguishes chlorinated solvent contamination. SWRNA's groundwater remediation was successful in remediating the groundwater at and in the vicinity of the source and was completed in approximately six months. SWRNA received a Certificate of Completion under New York State's Brownfield Cleanup Program for the site in 2009. Under the terms of the Order on Consent Index # B8-0315-90-01, Diebold, Inc. is required to conduct, on an annual basis, off-site groundwater monitoring and summarize the analytical results in a groundwater sampling report. The 2013 off-site groundwater monitoring was performed be in accordance with the *Operations and Monitoring Plan for Annual Offsite Groundwater Monitoring* (O&M Plan) (URS, 2011).

The field work associated with the 2013 investigation included: collecting water levels and groundwater samples from nine existing off-site monitoring wells identified in the O&M Plan. URS personnel collected groundwater samples from the nine existing monitoring wells between March 21 and 22, 2013. The data generated from the March 2013 groundwater sampling event are discussed below.

Groundwater Levels and Flow Direction

Figure 2 shows the shallow groundwater potentiometric surface on March 21, 2013. Groundwater levels during the 2013 sampling event were higher than those measured in August 2009, probably as a result of seasonal variations. Groundwater levels in the overburden measured approximately 6 feet higher in the northern monitoring wells (MW-06S and MW-07S) and approximately 1.6 feet higher in the southern monitoring well (MW-10S). The groundwater flow in the overburden wells is to the south-southwest towards Beaver Creek. This is consistent with groundwater flow direction observed during prior sampling events in the overburden wells.

URS Corporation
77 Goodell Street
Buffalo, NY 14203
Tel: 716.856.5636
Fax: 716.856.2545

Figure 3 shows the deep groundwater potentiometric surface on March 21, 2013. Groundwater levels in the bedrock measured over 6 feet higher in the eastern monitoring wells (MW-11D and MW-06D) and approximately 1-foot higher in the southern monitoring well (MW-10D). The groundwater flow in the bedrock wells is to the west-northwest. This is consistent with the groundwater flow direction observed during prior sampling events in the bedrock wells.

In March 2013, horizontal gradients were approximately 0.027 ft./ft. in the overburden, and 0.035 ft./ft. in the bedrock. Vertical gradients were downward in monitoring well pairs MW-07S/D, MW-09S/D, and MW-10S/D. There was a negligible downward vertical gradient in MW-06S/D.

Sampling, Analysis and Data Usability

Between March 21 and 22, 2013 URS personnel collected a round of groundwater samples from nine existing off-site monitoring wells (MW-06S, MW-06D, MW-07S, MW-07D, MW-09S, MW-09D, MW-10S, MW-10D, and MW-11D) plus QA/QC samples (i.e., duplicate samples and matrix spike/matrix spike duplicate). Prior to sample collection, standing water was purged from each well with a peristaltic pump or bladder submersible pump using dedicated/disposable high-density polyethylene (HDPE) tubing. During the well purging, water quality parameters (pH, temperature, specific conductivity, dissolved oxygen, turbidity and reduction potential) were measured and documented. These parameters were measured utilizing a flow-through cell until they stabilized. The wells were purged at a rate of 1-liter per minute or less and the purge rate was adjusted to prevent the water level in the well from dropping more than 0.3 feet from the static water level. A minimum of 1 well volume was purged until the water quality parameters stabilized for a minimum of three readings. The water level measurements obtained from these off-site monitoring wells are provided in Table 1. Low Flow Purge Logs can be found in Attachment 1.

Collected groundwater samples were transported under chain-of-custody (COC) control to TestAmerica Laboratories, Inc., located in Amherst, New York, for the analysis of Target Compound List (TCL) volatile organic compounds (VOCs) by USEPA Method 8260B. A Data Usability Summary Report (DUSR) was generated for the March 2013 groundwater sampling event. It was determined that no data qualifications were made and that all data are usable as reported. The complete validated analytical results are presented in the DUSR in Attachment 2.

Analytical Summary/ Contamination Assessment

The validated analytical results from the groundwater samples are summarized in Table 2 for the select VOCs identified in Table 2 of the O&M Plan. VOCs are compared to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 Class GA groundwater criteria. Exceedances are indicated with an oval. The locations of detected VOCs that have exceeded their respective criteria are shown on Figure 4. The following is a summary of the analytical results:

- Two compounds, trichloroethene and cis-1,2-dichloroethene, were detected at concentrations exceeding Class GA groundwater criteria in the groundwater samples collected.

- Trichloroethene (TCE) was detected in the samples collected from MW-06S, MW-06D, MW-07S, MW-07D, MW-10S and MW-10D at concentrations ranging from 5.2 to 58 micrograms per liter (µg/L). The highest concentration was found at MW-07S (58 µg/L).

- Cis-1,2-dichloroethene was only detected in the sample collected from MW-07D at a concentration of 7 µg/L.

The detected concentrations of the chlorinated VOCs in the 2013 groundwater samples as compared to results from the August 2009 sampling event are as follows:

- TCE concentrations in the northernmost monitoring wells nearest to the former Griffin Technology Facility (MW-06S and MW-06D) were similar in both sampling events (27 µg/L vs. 26 µg/L in MW-06S in 2013 vs. 2009; 41 µg/L vs. 46 µg/L in MW-06D in 2013 vs. 2009).

- TCE concentrations in northern monitoring wells MW-07S and MW-07D decreased (58 µg/L vs. 77 µg/L in MW-07S in 2013 vs. 2009; 10 µg/L vs. 74 µg/L in MW-07D in 2013 vs. 2009).

- The only concentration of cis-1,2-dichloroethene exceeding criteria was in MW-07D. The concentration of cis-1,2-dichloroethene decreased from 24 µg/L in 2009 to 7 µg/L in 2013 which is nearing the groundwater criteria of 5 µg/L.

- No VOCs were detected in MW-09S during either sampling event. Only TCE at less than 1µg/L was detected in MW-09D in 2013 below groundwater criteria.

- TCE concentrations in the southern monitoring wells were generally the same in MW-10D (5.2 µg/L in 2013 vs. 5.6 µg/L in 2009) but increased in MW-10D from below criteria (4.6 µg/L in 2009) to above criteria (17 µg/L in 2013).

Conclusions

It is anticipated that over time, with the source remediated, the residual off-site diffuse groundwater plume will continue to diminish and collapse. It is anticipated that the concentrations of chlorinated VOCs in the off-site wells will continue to decrease over time.
URS recommends continued annual monitoring and evaluation of the nine existing off-site groundwater monitoring wells.

References

URS Corporation (URS), 2006. *Soil Vapor Intrusion Study Work* Plan. June.

URS, 2010. *Soil Vapor Intrusion Study and Groundwater Sampling Letter Report-Final*. March

URS, 2011. *Operations and Monitoring Plan for Annual Offsite Groundwater Monitoring*. June

The following tables, figures and attachments are included as part of this field investigation letter report:

Tables

Table 1	Groundwater Elevations – March 21, 2013
Table 2	Groundwater Sampling Analytical Results (Select Detected TCL Compounds Only)

Figures

Figure 1	Project Site
Figure 2	Shallow Groundwater Potentiometric Surface – March 21, 2013
Figure 3	Deep Groundwater Potentiometric Surface – March 21, 2013
Figure 4	2013 Groundwater Sample Results Exceeding Criteria

Attachments

Attachment 1	Purge Logs
Attachment 2	Data Usability Summary Report and Complete Analytical Report

Should you have any questions or comments, please do not hesitate to contact me at 716-856-5636.

Sincerely,

URS Corporation

Michael Gutmann
Sr. Project Manager

Jack Wilcox, V.P., P.E.
Registered Professional Engineer
New York License No. 16 066336

cc: File: 13816402 (C-1)

TABLES

TABLE 1
GROUNDWATER ELEVATIONS
MARCH 21, 2013
FORMER GRIFFIN TECHNOLOGY FACILITY - OFF-SITE AREA
FARMINGTON, NEW YORK

Well ID	Top of Casing Elevation (ft. amsl)	Date	Depth to Groundwater (ft. from Top of Casing)	Groundwater Elevation (ft. amsl)
MW-06S	636.61	3/21/2013	3.84	632.77
MW-06D	636.83	3/21/2013	4.13	632.70
MW-07S	634.29	3/21/2013	4.48	629.81
MW-07D	634.16	3/21/2013	28.03	606.13
MW-09S	630.16	3/21/2013	7.63	622.53
MW-09D	630.29	3/21/2013	30.16	600.13
MW-10S	629.00	3/21/2013	14.25	614.75
MW-10D	626.80	3/21/2013	15.60	611.20
MW-11D	641.89	3/21/2013	7.23	634.66

ft. = feet
amsl = above mean sea level

TABLE 2
GROUNDWATER SAMPLING ANALYTICAL RESULTS (SELECT DETECTED TCL COMPOUNDS ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-06D	MW-06S	MW-07D	MW-07S	MW-09D
Sample ID			MW-06D	MW-06S	MW-07D	MW-07S	MW-09D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/22/13	03/22/13	03/21/13	03/21/13	03/21/13
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	1.7	0.95 J		1.1	
1,2-Dichloroethene (cis)	UG/L	5	2.7	1.7	7	1.5	1.4
Trichloroethene	UG/L	5	41	27	10	58	0.93 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

Only Detected Results Reported.

Advanced Selection: GRIFFIN 201
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Printed: 4/25/2013 9:03:45 AM

[SITEID] = '13807296' AND [LOGDATE] >= #3/21/2013# AND [MATRIX] = 'WG' AND ([SACODE] = 'FD' OR [SACODE] = 'N') AND ([PARNAME] = '1,1,1-Trichloroethane' OR [PARNAME] = ' Dichloroethene (cis)' OR [PARNAME] = '1,2-Dichloroethene (trans)' OR [PARNAME] = 'Methylene chloride' OR [PARNAME] = 'Vinyl chloride' OR [PARNAME] = 'Trichloroethe

TABLE 2
GROUNDWATER SAMPLING ANALYTICAL RESULTS (SELECT DETECTED TCL COMPOUNDS ONLY)
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-09S	MW-09S	MW-10D	MW-10S	MW-11D
Sample ID			FD1-032113	MW-09S	MW-10D	MW-10S	MW-11D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/21/13	03/21/13	03/21/13	03/21/13	03/22/13
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Trichloroethene	UG/L	5			5.2	17	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.

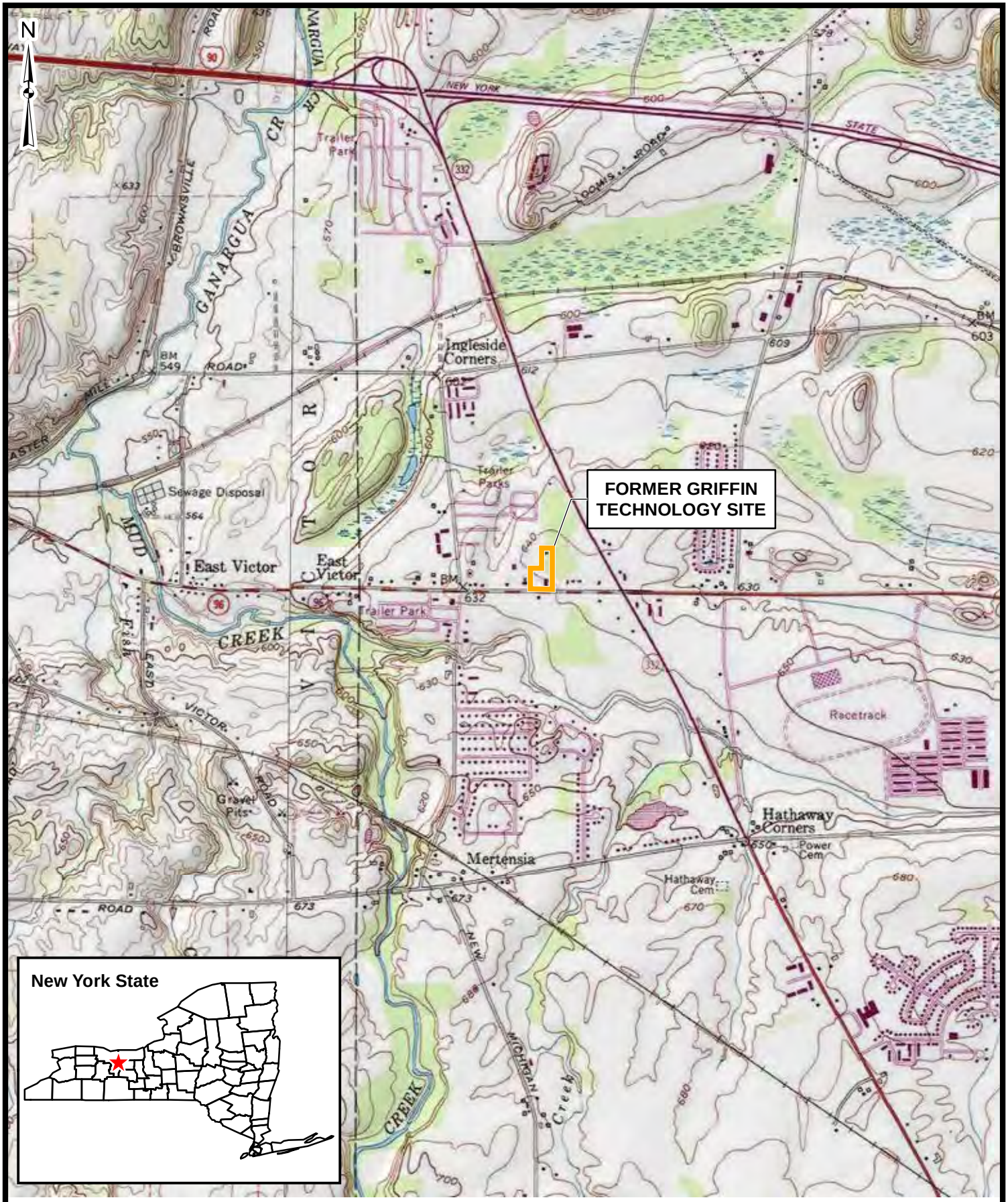
Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

Only Detected Results Reported.

Advanced Selection: GRIFFIN 201
J:\Small_Chemistry_Jobs\DB\Program\EDMS.md
Printed: 4/25/2013 9:03:45 AM
[SITEID] = '13807296' AND [LOGDATE] >= #3/21/2013# AND [MATRIX] = 'WG' AND ([SACODE] = 'FD' OR [SACODE] = 'N') AND ([PARNAME] = '1,1,1-Trichloroethane' OR [PARNAME] = '
Dichloroethene (cis)' OR [PARNAME] = '1,2-Dichloroethene (trans)' OR [PARNAME] = 'Methylene chloride' OR [PARNAME] = 'Vinyl chloride' OR [PARNAME] = 'Trichloroethe

FIGURES



Source:
National Geographic TOPO!

2,000 0 2,000 Feet

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FORMER GRIFFIN TECHNOLOGY, INC.
FARMINGTON, NEW YORK
PROJECT SITE

FIGURE 1

J:\13807296.00000\DB\GIS\SITE LOCATION.mxd 4/24/2013 MDL

Legend

- Groundwater Monitoring Well
- 600 — Groundwater Contours (FT AMSL)

FT AMSL = Feet above mean sea level.

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GRIFFIN TECHNOLOGY, INC.
FARMINGTON, NEW YORK
SHALLOW GROUNDWATER POTENTIOMETRIC SURFACE
MARCH 21, 2013

FIGURE 2

J:\13807296.00000\DB\GIS\GW DEEP 20130321.mxd 4/24/2013 MDL

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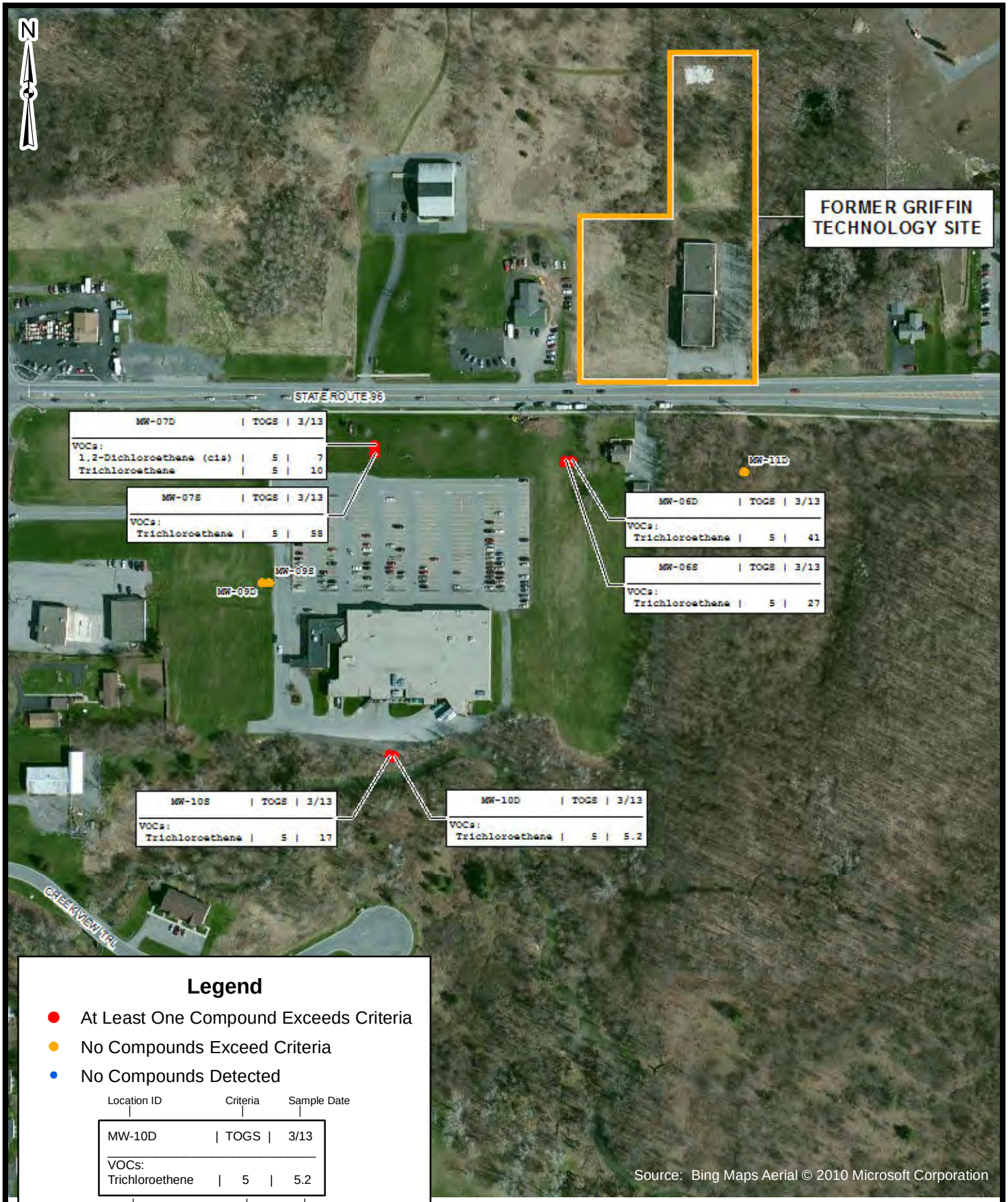
GRIFFIN TECHNOLOGY, INC.
FARMINGTON, NEW YORK
DEEP GROUNDWATER POTENTIOMETRIC SURFACE
MARCH 21, 2013

FIGURE 3



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GRIFFIN TECHNOLOGY, INC.
FARMINGTON, NEW YORK
2013 GROUNDWATER SAMPLE RESULTS
EXCEEDING CRITERIA

FIGURE 4

ATTACHMENT 1

PURGE LOGS

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-06S

Date: 3/22/13 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/ Sampling Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing Inlet Location: Screen midpoint

Measuring Point: Top of Riser Initial Depth to Water: 4.00 Depth to Well Bottom: 18.90 Well Diameter: 2" Screen Length: 10'

Casing Type: SCH 40 PVC Volume in 1 Well Casing (liters): 9.19 Estimated Purge Volume (liters): 27

Sample ID: MW-06S Sample Time: 9:33 QA/QC: None

Sample Parameters: TCL VOCs

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)
9:03	7.97	7.44	0.683	6.73	34.5	227	850	4.70
9:08	7.83	8.45	1.090	1.90	70.0	168	850	4.70
9:13	7.55	8.68	1.230	0.00	57.7	165	850	4.70
9:18	7.41	8.75	1.260	0.00	47.9	160	850	4.70
9:23	7.30	8.70	1.290	0.00	27.9	175	850	4.70
9:28	7.25	8.78	1.300	0.00	14.5	177	850	4.70
9:33	7.22	8.77	1.350	0.00	12.1	177	850	4.70
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 $_{cyl} = \pi r^2 h$)

Comments:
Bailer in well.

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-06D

Date: 3/22/13 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/ Sampling Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing Inlet Location: Screen midpoint

Measuring Point: Top of Riser Initial Depth to Water: 4.45 Depth to Well Bottom: 37.60 Well Diameter: 2" Screen Length: 10'

Casing Type: SCH 40 PVC Volume in 1 Well Casing (liters): 20.45 Estimated Purge Volume (liters): 21

Sample ID: MW-06D Sample Time: 10:11 QA/QC: None

Sample Parameters: TCL VOCs

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)
9:41	7.72	8.73	0.206	0.00	43.5	172	650	6.20
9:46	7.37	8.99	0.175	0.00	33.5	177	650	7.20
9:51	6.99	9.63	0.960	0.00	8.8	191	650	7.40
9:56	7.00	9.71	1.180	0.00	5.6	186	650	7.40
10:01	7.00	9.75	1.300	0.00	4.2	183	650	7.40
10:06	6.95	9.64	1.350	0.00	4.0	185	650	7.40
10:11	6.92	9.74	1.380	0.00	4.7	188	650	7.40
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 $_{cyl} = \pi r^2 h$)

Comments:

Road box flooded. Possible water intrusion. Skirt damaged. Bailer in well Replaced J-Plug

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-07S

Date: 3/21/13 Sampling Personnel: Kevin McGovern & Rob Murphy Company: URS Corporation

Purging/ Sampling Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing Inlet Location: Screen midpoint

Measuring Point: Top of Riser Initial Depth to Water: 4.42 Depth to Well Bottom: 25.72 Well Diameter: 2" Screen Length: 10'

Casing Type: SCH 40 PVC Volume in 1 Well Casing (liters): 13.14 Estimated Purge Volume (liters): 18.5

Sample ID: MW-07S Sample Time: 15:19 QA/QC: None

Sample Parameters: TCL VOCs

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)
14:54	7.24	10.73	1.100	0.00	150.0	199	840	4.42
14:59	7.13	10.97	1.130	0.00	104.0	192	840	5.70
15:04	7.25	11.04	1.150	0.00	75.1	184	740	5.68
15:09	7.31	11.08	1.150	0.00	37.6	183	740	5.71
15:14	7.37	11.16	1.150	0.00	25.1	181	740	5.75
15:19	7.27	11.07	1.150	0.00	22.4	182	740	5.78
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 $_{cyl} = \pi r^2 h$)

Comments:
Possible water intrusion

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-07D

Date: 3/21/13 Sampling Personnel: Kevin McGovern & Rob Murphy Company: URS Corporation

Purging/ Sampling Device: Bladder Pump Tubing Type: HDPE Pump/Tubing Inlet Location: Screen midpoint

Measuring Point: Top of Riser Initial Depth to Water: 28.03 Depth to Well Bottom: 44.40 Well Diameter: 2" Screen Length: 10'

Casing Type: SCH 40 PVC Volume in 1 Well Casing (liters): 10.10 Estimated Purge Volume (liters): 20

Sample ID: MW-07D Sample Time: 16:20 QA/QC: None

Sample Parameters: TCL VOCs

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)
15:35	7.94	9.94	0.521	7.43	195.0	196	450	28.03
15:40	7.97	9.93	0.504	7.46	185.0	197	450	34.57
15:45	7.85	9.87	0.610	5.57	117.0	201	450	>36.00
15:50	7.77	10.62	0.480	6.61	204.0	204	450	>36.00
15:55	7.77	10.70	0.493	6.95	165.0	205	450	>36.00
16:00	7.54	10.71	0.619	4.86	81.0	210	450	>36.00
16:05	7.54	10.61	0.695	3.99	49.3	211	450	>36.00
16:10	7.55	9.74	0.685	5.68	41.4	213	450	>36.00
16:15	7.58	9.34	0.678	5.65	35.5	215	450	>36.00
16:20	7.62	9.21	0.683	5.63	26.5	216	450	>36.00
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 $_{cyl} = \pi r^2 h$)

Comments:

No J-Plug. Water at rim, purged minimum 2 X well volume. Replaced J-Plug

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-09S

Date: 3/21/13 Sampling Personnel: Kevin McGovern & Rob Murphy Company: URS Corporation

Purging/ Sampling Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing Inlet Location: Screen midpoint

Measuring Point: Top of Riser Initial Depth to Water: 7.63 Depth to Well Bottom: 26.42 Well Diameter: 2" Screen Length: 10'

Casing Type: SCH 40 PVC Volume in 1 Well Casing (liters): 11.59 Estimated Purge Volume (liters): 9.8

Sample ID: MW-09S Sample Time: 11:12 QA/QC: FD1-032113

Sample Parameters: TCL VOCs

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)
10:47	7.29	9.96	2.330	0.00	55.5	198	1000	7.63
10:52	7.33	9.88	2.340	0.00	41.0	195	1000	7.63
10:57	7.28	10.13	2.320	0.00	23.5	195	1000	7.63
11:02	7.17	10.21	2.390	0.00	11.1	195	1000	7.63
11:07	7.17	10.23	2.380	0.00	1.1	196	1000	7.63
11:12	7.13	10.12	2.380	0.00	0.0	199	1000	7.63
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 $_{cyl} = \pi r^2 h$)

Comments:

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-09D

Date: 3/21/13 Sampling Personnel: Kevin McGovern & Rob Murphy Company: URS Corporation

Purging/ Sampling Device: Bladder Pump Tubing Type: HDPE Pump/Tubing Inlet Location: Screen midpoint

Measuring Point: Top of Riser Initial Depth to Water: 30.16 Depth to Well Bottom: 43.65 Well Diameter: 2" Screen Length: 10'

Casing Type: SCH 40 PVC Volume in 1 Well Casing (liters): 8.32 Estimated Purge Volume (liters): 18

Sample ID: MW-09D Sample Time: 14:31 QA/QC: None

Sample Parameters: TCL VOCs

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)
13:51	7.78	11.32	0.835	0.00	192.0	161	450	30.16
13:56	7.68	11.55	0.823	0.00	234.0	155	450	33.72
14:01	7.42	11.56	0.828	0.00	143.0	149	450	35.10
14:06	7.24	11.46	0.861	0.00	78.4	147	450	35.92
14:11	7.19	11.51	0.893	0.00	56.4	145	450	36.40
14:16							450	37.23
14:21	7.53	11.66	0.978	0.00	38.6	127	450	37.55
14:26	7.46	11.62	0.963	0.00	29.2	122	450	37.55
14:31	7.43	11.52	0.983	0.00	30.0	122	450	37.55
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 $_{cyl} = \pi r^2 h$)

Comments:

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-10S

Date: 3/21/13 Sampling Personnel: Kevin McGovern & Rob Murphy Company: URS Corporation

Purging/ Sampling Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing Inlet Location: Screen midpoint

Measuring Point: Top of Riser Initial Depth to Water: 14.25 Depth to Well Bottom: 22.30 Well Diameter: 2" Screen Length: 10'

Casing Type: SCH 40 PVC Volume in 1 Well Casing (liters): 4.97 Estimated Purge Volume (liters): 10

Sample ID: MW-10S Sample Time: 12:40 QA/QC: None

Sample Parameters: TCL VOCs

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)
11:55	7.54	10.36	7.750	0.45	>1000	173	900	14.25
12:00	7.37	10.59	10.400	7.84	>1000	58	450	20.20
Tubing Plugged with Silt								
12:15	7.43	9.35	5.720	0.94	>1000	-8	220	Not Measured
12:20	7.45	9.63	5.600	0.70	>1000	-8	220	16.32
12:25	7.59	10.07	5.280	0.00	>1000	-9	220	16.25
12:30	7.54	9.88	4.980	0.00	>1000	-9	220	16.25
12:35	7.61	9.97	4.880	0.00	>1000	-8	220	16.25
12:40	7.64	10.15	4.830	0.00	>1000	-8	220	16.25
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 $_{cyl} = \pi r^2 h$)

Comments:
Attached Pink Ribbon to Lid Before Reburial with Gravel

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-10D

Date: 3/21/13 Sampling Personnel: Kevin McGovern & Rob Murphy Company: URS Corporation

Purging/ Sampling Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing Inlet Location: Screen midpoint

Measuring Point: Top of Riser Initial Depth to Water: 15.60 Depth to Well Bottom: 41.60 Well Diameter: 2" Screen Length: 10'

Casing Type: SCH 40 PVC Volume in 1 Well Casing (liters): 16.04 Estimated Purge Volume (liters): 16.6

Sample ID: MW-10D Sample Time: 13:20 QA/QC: MS/MSD

Sample Parameters: TCL VOCs

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)
12:50	8.24	11.26	1.960	7.72	271.0	28	700	15.60
12:55	8.18	10.25	1.360	1.15	192.0	91	700	20.55
13:00	7.21	11.25	1.730	0.00	86.9	90	700	22.45
13:05	7.11	10.90	1.720	0.00	160.0	96	480	22.45
13:10	7.28	10.97	1.810	0.00	51.9	102	480	22.32
13:15	7.38	11.22	1.870	0.00	46.3	106	480	22.25
13:20	7.36	11.34	1.900	0.00	44.2	107	480	22.20
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 $_{cyl} = \pi r^2 h$)

Comments:

Rim Broken from Skirt Attached Pink Ribbon to Lid Before Reburial with Gravel

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: Former Griffin Technology Site: Griffin Well I.D.: MW-11D

Date: 3/22/13 Sampling Personnel: Kevin McGovern Company: URS Corporation

Purging/ Sampling Device: Geopump 2 peristaltic pump Tubing Type: HDPE Pump/Tubing Inlet Location: Screen midpoint

Measuring Point: Top of Riser Initial Depth to Water: 7.40 Depth to Well Bottom: 37.78 Well Diameter: 2" Screen Length: 10'

Casing Type: SCH 40 PVC Volume in 1 Well Casing (liters): 18.74 Estimated Purge Volume (liters): 21

Sample ID: MW-11D Sample Time: 11:12 QA/QC: None

Sample Parameters: TCL VOCs

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)
10:42	8.60	8.66	1.880	0.00	30.0	213	700	7.40
10:47	7.58	9.65	1.950	0.00	40.1	212	700	7.40
10:52	7.55	9.71	1.950	0.00	38.1	211	700	7.40
10:57	7.38	9.75	1.960	0.00	30.9	211	700	7.40
11:02	7.35	9.81	1.970	0.00	10.0	209	700	7.40
11:07	7.31	9.84	1.980	0.00	3.9	209	700	7.40
11:12	7.27	9.89	1.990	0.00	2.5	209	700	7.40
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 $_{cyl} = \pi r^2 h$)

Comments:

ATTACHMENT 2

DATA USABILITY SUMMARY REPORT
AND
COMPLETE ANALYTICAL REPORT

MEMORANDUM

TO: Mike Gutmann

FROM: Peter Fairbanks

DATE: April 16, 2013

SUBJECT: **Groundwater Analytical Results**
Former Griffin Technology Facility

Nine groundwater samples, one field duplicate and one matrix spike/matrix spike duplicate (MS/MSD) pair were collected from the Former Griffin Technology Facility site on March 21-22, 2013 and delivered to TestAmerica Laboratories, Inc., located in Amherst, NY (TA-Am), for analysis. A trip blank accompanied the samples. The samples were received by the laboratory on March 22, 2013 intact, properly preserved and under proper chain-of-custody (COC) except as follows: the collection time for sample MW-9D was incorrectly documented on the COC. After consultation with URS, the laboratory manually revised the collection time in the data report, and the incorrect COC documentation did not have any adverse affect on the sample data.

The samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260B. The analytical method referenced is from Test Methods for Evaluating Solid Waste-Physical/Chemical Methods, SW-846, Final Update III, USEPA, June 1997.

The following USEPA Region II standard operating procedure (SOP) was used to evaluate and, when required, qualify the data:

- *Validating Volatile Organic Compounds by SW-846 Method 8260B*, HW-24, Revision 2, October 2006.

A limited data review was performed for completeness of deliverables, and for compliance with method and validation SOP criteria, which includes quantitation limits, holding times, method blanks, trip blanks, surrogate recoveries, MS/MSD recoveries, and laboratory control sample (LCS) recoveries. Only method and validation SOP non-conformances are discussed in this report.

The validated analytical results are provided in Tables 1 and 2. Definitions of USEPA Region II data qualifiers are presented at the end of this memorandum.

VOCs

No data qualifications were made and all data are usable as reported.

Field Duplicate Results

Sample FD-1-032113 is a field duplicate of MW-09S, which showed good analytical precision. No VOCs were detected in the parent sample and field duplicate.

cc: File: 13807296.00000

DEFINITION OF USEPA REGION II DATA QUALIFIERS

The following are definitions of the qualifiers assigned to results during the data review process.

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

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

TABLE 1
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-06D	MW-06S	MW-07D	MW-07S	MW-09D
Sample ID			MW-06D	MW-06S	MW-07D	MW-07S	MW-09D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/22/13	03/22/13	03/21/13	03/21/13	03/21/13
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	1.7	0.95 J	1 U	1.1	1 U
1,1,2,2-Tetrachloroethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	UG/L	1	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	0.006	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	UG/L	3	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	UG/L	0.6	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (cis)	UG/L	5	2.7	1.7	7	1.5	1.4
1,2-Dichloroethene (trans)	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	UG/L	1	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	UG/L	3	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropene (cis)	UG/L	0.4	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropene (trans)	UG/L	0.4	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	UG/L	3	1 U	1 U	1 U	1 U	1 U
2-Hexanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	-	5 U	5 U	5 U	5 U	5 U
Acetone	UG/L	50	10 U	10 U	10 U	10 U	10 U
Benzene	UG/L	1	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	UG/L	50	1 U	1 U	1 U	1 U	1 U
Bromoform	UG/L	50	1 U	1 U	1 U	1 U	1 U
Bromomethane	UG/L	5	1 U	1 U	1 U	1 U	1 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

Made By: PRF 04/16/2013 Checked By: GEK 04/16/2013

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-06D	MW-06S	MW-07D	MW-07S	MW-09D
Sample ID			MW-06D	MW-06S	MW-07D	MW-07S	MW-09D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/22/13	03/22/13	03/21/13	03/21/13	03/21/13
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
Carbon disulfide	UG/L	60	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	UG/L	5	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	UG/L	5	1 U	1 U	1 U	1 U	1 U
Chloroethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
Chloroform	UG/L	7	1 U	1 U	1 U	1 U	1 U
Chloromethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
Cyclohexane	UG/L	-	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	UG/L	50	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	UG/L	5	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	UG/L	5	1 U	1 U	1 U	1 U	1 U
Methyl acetate	UG/L	-	1 U	1 U	1 U	1 U	1 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 U	1 U	1 U	1 U	1 U
Methylcyclohexane	UG/L	-	1 U	1 U	1 U	1 U	1 U
Methylene chloride	UG/L	5	1 U	1 U	1 U	1 U	1 U
Styrene	UG/L	5	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	UG/L	5	1 U	1 U	1 U	1 U	1 U
Toluene	UG/L	5	1 U	1 U	1 U	1 U	1 U
Trichloroethene	UG/L	5	41	27	10	58	0.93 J
Trichlorofluoromethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	UG/L	2	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	5	2 U	2 U	2 U	2 U	2 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

Made By: PRF 04/16/2013 Checked By: GEK 04/16/2013

Detection Limits shown are PQL

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TABLE 1
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-09S	MW-09S	MW-10D	MW-10S	MW-11D
Sample ID			FD1-032113	MW-09S	MW-10D	MW-10S	MW-11D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/21/13	03/21/13	03/21/13	03/21/13	03/22/13
Parameter	Units	Criteria*	Field Duplicate (1-1)				
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	UG/L	1	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	0.006	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	UG/L	3	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	UG/L	0.6	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (cis)	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (trans)	UG/L	5	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	UG/L	1	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	UG/L	3	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropene (cis)	UG/L	0.4	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropene (trans)	UG/L	0.4	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	UG/L	3	1 U	1 U	1 U	1 U	1 U
2-Hexanone	UG/L	50	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	UG/L	-	5 U	5 U	5 U	5 U	5 U
Acetone	UG/L	50	10 U	10 U	10 U	10 U	10 U
Benzene	UG/L	1	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	UG/L	50	1 U	1 U	1 U	1 U	1 U
Bromoform	UG/L	50	1 U	1 U	1 U	1 U	1 U
Bromomethane	UG/L	5	1 U	1 U	1 U	1 U	1 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

Made By: PRF 04/16/2013 Checked By: GEK 04/16/2013

Detection Limits shown are PQL

TABLE 1
VALIDATED GROUNDWATER SAMPLE ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			MW-09S	MW-09S	MW-10D	MW-10S	MW-11D
Sample ID			FD1-032113	MW-09S	MW-10D	MW-10S	MW-11D
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			03/21/13	03/21/13	03/21/13	03/21/13	03/22/13
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)				
Volatile Organic Compounds							
Carbon disulfide	UG/L	60	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	UG/L	5	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	UG/L	5	1 U	1 U	1 U	1 U	1 U
Chloroethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
Chloroform	UG/L	7	1 U	1 U	1 U	1 U	1 U
Chloromethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
Cyclohexane	UG/L	-	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	UG/L	50	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	UG/L	5	1 U	1 U	0.85 J	1 U	1 U
Ethylbenzene	UG/L	5	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	UG/L	5	1 U	1 U	1 U	1 U	1 U
Methyl acetate	UG/L	-	1 U	1 U	1 U	1 U	1 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 U	1 U	1 U	1 U	1 U
Methylcyclohexane	UG/L	-	1 U	1 U	1 U	0.19 J	1 U
Methylene chloride	UG/L	5	1 U	1 U	1 U	1 U	1 U
Styrene	UG/L	5	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	UG/L	5	1 U	1 U	1 U	1 U	1 U
Toluene	UG/L	5	1 U	1 U	1 U	1 U	1 U
Trichloroethene	UG/L	5	1 U	1 U	5.2	17	1 U
Trichlorofluoromethane	UG/L	5	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	UG/L	2	1 U	1 U	1 U	1 U	1 U
Xylene (total)	UG/L	5	2 U	2 U	2 U	2 U	2 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit.

J - The reported concentration is an estimated value.

Made By: PRF 04/16/2013 Checked By: GEK 04/16/2013

Detection Limits shown are PQL

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TABLE 2
VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			FIELDQC
Sample ID			TRIP BLANK
Matrix			Water Quality
Depth Interval (ft)			-
Date Sampled			03/22/13
Parameter	**Units**	**Criteria***	Trip Blank (1-1)
Volatile Organic Compounds			
1,1,1-Trichloroethane	UG/L	5	1 U
1,1,2,2-Tetrachloroethane	UG/L	5	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5	1 U
1,1,2-Trichloroethane	UG/L	1	1 U
1,1-Dichloroethane	UG/L	5	1 U
1,1-Dichloroethene	UG/L	5	1 U
1,2,4-Trichlorobenzene	UG/L	5	1 U
1,2-Dibromo-3-chloropropane	UG/L	0.04	1 U
1,2-Dibromoethane (Ethylene dibromide)	UG/L	0.006	1 U
1,2-Dichlorobenzene	UG/L	3	1 U
1,2-Dichloroethane	UG/L	0.6	1 U
1,2-Dichloroethene (cis)	UG/L	5	1 U
1,2-Dichloroethene (trans)	UG/L	5	1 U
1,2-Dichloropropane	UG/L	1	1 U
1,3-Dichlorobenzene	UG/L	3	1 U
1,3-Dichloropropene (cis)	UG/L	0.4	1 U
1,3-Dichloropropene (trans)	UG/L	0.4	1 U
1,4-Dichlorobenzene	UG/L	3	1 U
2-Hexanone	UG/L	50	5 U
4-Methyl-2-pentanone	UG/L	-	5 U
Acetone	UG/L	50	10 U
Benzene	UG/L	1	1 U
Bromodichloromethane	UG/L	50	1 U
Bromoform	UG/L	50	1 U
Bromomethane	UG/L	5	1 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit.

Made By: PRF 04/16/2013 Checked By: GEK 04/16/2013

Detection Limits shown are PQL

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TABLE 2
VALIDATED FIELD QC SAMPLE ANALYTICAL RESULTS
FORMER GRIFFIN TECHNOLOGY FACILITY SITE

Location ID			FIELDQC
Sample ID			TRIP BLANK
Matrix			Water Quality
Depth Interval (ft)			-
Date Sampled			03/22/13
Parameter	**Units**	**Criteria***	Trip Blank (1-1)
Volatile Organic Compounds			
Carbon disulfide	UG/L	60	1 U
Carbon tetrachloride	UG/L	5	1 U
Chlorobenzene	UG/L	5	1 U
Chloroethane	UG/L	5	1 U
Chloroform	UG/L	7	1 U
Chloromethane	UG/L	5	1 U
Cyclohexane	UG/L	-	1 U
Dibromochloromethane	UG/L	50	1 U
Dichlorodifluoromethane	UG/L	5	1 U
Ethylbenzene	UG/L	5	1 U
Isopropylbenzene (Cumene)	UG/L	5	1 U
Methyl acetate	UG/L	-	1 U
Methyl ethyl ketone (2-Butanone)	UG/L	50	10 U
Methyl tert-butyl ether	UG/L	10	1 U
Methylcyclohexane	UG/L	-	1 U
Methylene chloride	UG/L	5	1 U
Styrene	UG/L	5	1 U
Tetrachloroethene	UG/L	5	1 U
Toluene	UG/L	5	1 U
Trichloroethene	UG/L	5	1 U
Trichlorofluoromethane	UG/L	5	1 U
Vinyl chloride	UG/L	2	1 U
Xylene (total)	UG/L	5	2 U

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, including January 1999 Errata Sheet, April 2000 and June 2004 Addenda. Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit.

Made By: PRF 04/16/2013 Checked By: GEK 04/16/2013

Detection Limits shown are PQL

J:\Small_Chemistry_Jobs\DB\Program\EDMS.md
Printed: 4/16/2013 1:41:48 PM
[SITEID] = '13807296' AND [LOGDATE] >= #3/21/2013# AND [MATRIX] = 'WQ

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-34871-1
Client Project/Site: Wade's Market

For:
URS Corporation
77 Goodell Street
Buffalo, New York 14203

Attn: Mr. George Kisluk

Melissa Deyo

Authorized for release by:
3/29/2013 9:51:22 AM

Melissa Deyo
Project Manager I
melissa.deyo@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-34871-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-34871-1

Receipt
The samples were received on 3/22/2013 1:09 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

Except:

The sample time listed on the Chain-of-Custody (COC) for the following sample was incorrect: MW-09D (480-34871-4). The time was changed from 14:21 to 14:31 as per instructions from the client on 03/26/2016.

GC/MS VOA
No analytical or quality issues were noted.

Detection Summary

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: MW-07S — Lab Sample ID: 480-34871-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.1		1.0	0.82	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	58		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: MW-07D — Lab Sample ID: 480-34871-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.0		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	10		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: MW-09S — Lab Sample ID: 480-34871-3

No Detections.

Client Sample ID: MW-09D — Lab Sample ID: 480-34871-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	0.93	J	1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: MW-10S — Lab Sample ID: 480-34871-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylcyclohexane	0.19	J	1.0	0.16	ug/L	1		8260B	Total/NA
Trichloroethene	17		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: MW-10D — Lab Sample ID: 480-34871-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.85	J	1.0	0.68	ug/L	1		8260B	Total/NA
Trichloroethene	5.2		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: FD1-032113 — Lab Sample ID: 480-34871-7

No Detections.

Client Sample ID: MW-06S — Lab Sample ID: 480-34871-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.95	J	1.0	0.82	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.7		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	27		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: MW-06D — Lab Sample ID: 480-34871-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.7		1.0	0.82	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.7		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	41		1.0	0.46	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: MW-11D — **Lab Sample ID: 480-34871-10**

No Detections.

Client Sample ID: TRIP BLANK — **Lab Sample ID: 480-34871-11**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: MW-07S
Date Collected: 03/21/13 15:19
Date Received: 03/22/13 13:09

Lab Sample ID: 480-34871-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.1**		1.0	0.82	ug/L			03/27/13 15:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 15:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 15:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 15:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 15:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 15:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 15:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 15:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 15:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 15:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 15:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 15:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 15:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 15:08	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 15:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 15:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 15:08	1
Acetone	ND		10	3.0	ug/L			03/27/13 15:08	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 15:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 15:08	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 15:08	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 15:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 15:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 15:08	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 15:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 15:08	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 15:08	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 15:08	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 15:08	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.81	ug/L			03/27/13 15:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 15:08	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 15:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 15:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 15:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 15:08	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 15:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 15:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 15:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 15:08	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 15:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 15:08	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 15:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 15:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 15:08	1
Trichloroethene	**58**		1.0	0.46	ug/L			03/27/13 15:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 15:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 15:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 15:08	1

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: MW-07S

Lab Sample ID: 480-34871-1

Date Collected: 03/21/13 15:19

Matrix: Water

Date Received: 03/22/13 13:09

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					03/27/13 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		66 - 137		03/27/13 15:08	1
Toluene-d8 (Surr)	97		71 - 126		03/27/13 15:08	1
4-Bromofluorobenzene (Surr)	99		73 - 120		03/27/13 15:08	1

Client Sample ID: MW-07D

Lab Sample ID: 480-34871-2

Date Collected: 03/21/13 16:20

Matrix: Water

Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 15:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 15:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 15:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 15:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 15:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 15:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 15:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 15:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 15:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 15:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 15:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 15:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 15:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 15:32	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 15:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 15:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 15:32	1
Acetone	ND		10	3.0	ug/L			03/27/13 15:32	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 15:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 15:32	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 15:32	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 15:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 15:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 15:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 15:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 15:32	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 15:32	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 15:32	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 15:32	1
cis-1,2-Dichloroethene	**7.0**		1.0	0.81	ug/L			03/27/13 15:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 15:32	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 15:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 15:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 15:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 15:32	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 15:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 15:32	1

Client Sample ID: MW-07D

Lab Sample ID: 480-34871-2

Date Collected: 03/21/13 16:20

Matrix: Water

Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 15:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 15:32	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 15:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 15:32	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 15:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 15:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 15:32	1
Trichloroethene	**10**		1.0	0.46	ug/L			03/27/13 15:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 15:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 15:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 15:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*2.9*	*T J N*	*ug/L*		*3.62*	*1066-40-6*		*03/27/13 15:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*03/27/13 15:32*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*03/27/13 15:32*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/27/13 15:32*	*1*

Client Sample ID: MW-09S

Lab Sample ID: 480-34871-3

Date Collected: 03/21/13 11:12

Matrix: Water

Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 15:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 15:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 15:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 15:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 15:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 15:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 15:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 15:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 15:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 15:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 15:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 15:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 15:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 15:56	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 15:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 15:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 15:56	1
Acetone	ND		10	3.0	ug/L			03/27/13 15:56	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 15:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 15:56	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 15:56	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 15:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 15:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 15:56	1

Client Sample ID: MW-09S — **Lab Sample ID: 480-34871-3**
Date Collected: 03/21/13 11:12 — **Matrix: Water**
Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 15:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 15:56	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 15:56	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 15:56	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 15:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/27/13 15:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 15:56	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 15:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 15:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 15:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 15:56	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 15:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 15:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 15:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 15:56	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 15:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 15:56	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 15:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 15:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 15:56	1
Trichloroethene	ND		1.0	0.46	ug/L			03/27/13 15:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 15:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 15:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 15:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*03/27/13 15:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*03/27/13 15:56*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*03/27/13 15:56*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/27/13 15:56*	*1*

Client Sample ID: MW-09D — **Lab Sample ID: 480-34871-4**
Date Collected: 03/21/13 14:31 — **Matrix: Water**
Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 16:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 16:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 16:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 16:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 16:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 16:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 16:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 16:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 16:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 16:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 16:20	1

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: MW-09D
Date Collected: 03/21/13 14:31
Date Received: 03/22/13 13:09

Lab Sample ID: 480-34871-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 16:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 16:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 16:20	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 16:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 16:20	1
Acetone	ND		10	3.0	ug/L			03/27/13 16:20	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 16:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 16:20	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 16:20	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 16:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 16:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 16:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 16:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 16:20	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 16:20	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 16:20	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 16:20	1
cis-1,2-Dichloroethene	**1.4**		1.0	0.81	ug/L			03/27/13 16:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 16:20	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 16:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 16:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 16:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 16:20	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 16:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 16:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 16:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 16:20	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 16:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 16:20	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 16:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 16:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 16:20	1
Trichloroethene	**0.93**	**J**	1.0	0.46	ug/L			03/27/13 16:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 16:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 16:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 16:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
tert-Butyldimethylsilanol	*5.6*	*T J N*	*ug/L*		*3.62*	*18173-64-3*		*03/27/13 16:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*03/27/13 16:20*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*03/27/13 16:20*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/27/13 16:20*	*1*

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: MW-10S
Date Collected: 03/21/13 12:40
Date Received: 03/22/13 13:09

Lab Sample ID: 480-34871-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 16:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 16:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 16:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 16:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 16:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 16:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 16:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 16:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 16:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 16:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 16:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 16:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 16:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 16:44	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 16:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 16:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 16:44	1
Acetone	ND		10	3.0	ug/L			03/27/13 16:44	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 16:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 16:44	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 16:44	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 16:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 16:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 16:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 16:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 16:44	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 16:44	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 16:44	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 16:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/27/13 16:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 16:44	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 16:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 16:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 16:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 16:44	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 16:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 16:44	1
Methylcyclohexane	**0.19**	**J**	1.0	0.16	ug/L			03/27/13 16:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 16:44	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 16:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 16:44	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 16:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 16:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 16:44	1
Trichloroethene	**17**		1.0	0.46	ug/L			03/27/13 16:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 16:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 16:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 16:44	1

Client Sample ID: MW-10S

Lab Sample ID: 480-34871-5

Date Collected: 03/21/13 12:40

Matrix: Water

Date Received: 03/22/13 13:09

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Silanol, trimethyl-	4.4	T J N	ug/L		3.62	1066-40-6		03/27/13 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		66 - 137		03/27/13 16:44	1
Toluene-d8 (Surr)	98		71 - 126		03/27/13 16:44	1
4-Bromofluorobenzene (Surr)	101		73 - 120		03/27/13 16:44	1

Client Sample ID: MW-10D

Lab Sample ID: 480-34871-6

Date Collected: 03/21/13 13:20

Matrix: Water

Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 17:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 17:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 17:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 17:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 17:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 17:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 17:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 17:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 17:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 17:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 17:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 17:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 17:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 17:07	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 17:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 17:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 17:07	1
Acetone	ND		10	3.0	ug/L			03/27/13 17:07	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 17:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 17:07	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 17:07	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 17:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 17:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 17:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 17:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 17:07	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 17:07	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 17:07	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 17:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/27/13 17:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 17:07	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 17:07	1
Dichlorodifluoromethane	**0.85**	**J**	1.0	0.68	ug/L			03/27/13 17:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 17:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 17:07	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 17:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 17:07	1

Client Sample ID: MW-10D

Lab Sample ID: 480-34871-6

Date Collected: 03/21/13 13:20

Matrix: Water

Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 17:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 17:07	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 17:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 17:07	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 17:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 17:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 17:07	1
Trichloroethene	**5.2**		1.0	0.46	ug/L			03/27/13 17:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 17:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 17:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 17:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*03/27/13 17:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*03/27/13 17:07*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*03/27/13 17:07*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/27/13 17:07*	*1*

Client Sample ID: FD1-032113

Lab Sample ID: 480-34871-7

Date Collected: 03/21/13 00:00

Matrix: Water

Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 18:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 18:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 18:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 18:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 18:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 18:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 18:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 18:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 18:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 18:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 18:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 18:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 18:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 18:19	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 18:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 18:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 18:19	1
Acetone	ND		10	3.0	ug/L			03/27/13 18:19	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 18:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 18:19	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 18:19	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 18:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 18:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 18:19	1

Client Sample ID: FD1-032113 — **Lab Sample ID: 480-34871-7**
Date Collected: 03/21/13 00:00 — **Matrix: Water**
Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 18:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 18:19	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 18:19	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 18:19	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 18:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/27/13 18:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 18:19	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 18:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 18:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 18:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 18:19	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 18:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 18:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 18:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 18:19	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 18:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 18:19	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 18:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 18:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 18:19	1
Trichloroethene	ND		1.0	0.46	ug/L			03/27/13 18:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 18:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 18:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 18:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*03/27/13 18:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*03/27/13 18:19*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*03/27/13 18:19*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/27/13 18:19*	*1*

Client Sample ID: MW-06S — **Lab Sample ID: 480-34871-8**
Date Collected: 03/22/13 09:33 — **Matrix: Water**
Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**0.95**	**J**	1.0	0.82	ug/L			03/27/13 18:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 18:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 18:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 18:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 18:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 18:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 18:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 18:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 18:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 18:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 18:42	1

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: MW-06S
Date Collected: 03/22/13 09:33
Date Received: 03/22/13 13:09

Lab Sample ID: 480-34871-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 18:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 18:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 18:42	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 18:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 18:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 18:42	1
Acetone	ND		10	3.0	ug/L			03/27/13 18:42	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 18:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 18:42	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 18:42	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 18:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 18:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 18:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 18:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 18:42	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 18:42	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 18:42	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 18:42	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.81	ug/L			03/27/13 18:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 18:42	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 18:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 18:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 18:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 18:42	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 18:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 18:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 18:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 18:42	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 18:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 18:42	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 18:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 18:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 18:42	1
Trichloroethene	**27**		1.0	0.46	ug/L			03/27/13 18:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 18:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 18:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 18:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*4.0*	*T J N*	*ug/L*		*3.61*	*1066-40-6*		*03/27/13 18:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*03/27/13 18:42*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*03/27/13 18:42*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*03/27/13 18:42*	*1*

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: MW-06D
Date Collected: 03/22/13 10:11
Date Received: 03/22/13 13:09

Lab Sample ID: 480-34871-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.7**		1.0	0.82	ug/L			03/27/13 19:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 19:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 19:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 19:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 19:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 19:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 19:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 19:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 19:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 19:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 19:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 19:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 19:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 19:06	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 19:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 19:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 19:06	1
Acetone	ND		10	3.0	ug/L			03/27/13 19:06	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 19:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 19:06	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 19:06	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 19:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 19:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 19:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 19:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 19:06	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 19:06	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 19:06	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 19:06	1
cis-1,2-Dichloroethene	**2.7**		1.0	0.81	ug/L			03/27/13 19:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 19:06	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 19:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 19:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 19:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 19:06	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 19:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 19:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 19:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 19:06	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 19:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 19:06	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 19:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 19:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 19:06	1
Trichloroethene	**41**		1.0	0.46	ug/L			03/27/13 19:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 19:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 19:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 19:06	1

Client Sample ID: MW-06D

Lab Sample ID: 480-34871-9

Date Collected: 03/22/13 10:11

Matrix: Water

Date Received: 03/22/13 13:09

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
tert-Butyldimethylsilanol	4.5	T J N	ug/L		3.61	18173-64-3		03/27/13 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		66 - 137		03/27/13 19:06	1
Toluene-d8 (Surr)	95		71 - 126		03/27/13 19:06	1
4-Bromofluorobenzene (Surr)	101		73 - 120		03/27/13 19:06	1

Client Sample ID: MW-11D

Lab Sample ID: 480-34871-10

Date Collected: 03/22/13 11:12

Matrix: Water

Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 19:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 19:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 19:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 19:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 19:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 19:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 19:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 19:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 19:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 19:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 19:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 19:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 19:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 19:30	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 19:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 19:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 19:30	1
Acetone	ND		10	3.0	ug/L			03/27/13 19:30	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 19:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 19:30	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 19:30	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 19:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 19:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 19:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 19:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 19:30	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 19:30	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 19:30	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 19:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/27/13 19:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 19:30	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 19:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 19:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 19:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 19:30	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 19:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 19:30	1

Client Sample ID: MW-11D

Lab Sample ID: 480-34871-10

Date Collected: 03/22/13 11:12

Matrix: Water

Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 19:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 19:30	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 19:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 19:30	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 19:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 19:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 19:30	1
Trichloroethene	ND		1.0	0.46	ug/L			03/27/13 19:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 19:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 19:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 19:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Silanol, trimethyl-	*4.9*	*T J N*	*ug/L*		*3.61*	*1066-40-6*		*03/27/13 19:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*03/27/13 19:30*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*03/27/13 19:30*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*03/27/13 19:30*	*1*

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-34871-11

Date Collected: 03/22/13 00:00

Matrix: Water

Date Received: 03/22/13 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 19:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 19:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 19:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 19:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 19:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 19:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 19:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 19:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 19:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 19:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 19:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 19:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 19:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 19:54	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 19:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 19:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 19:54	1
Acetone	ND		10	3.0	ug/L			03/27/13 19:54	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 19:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 19:54	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 19:54	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 19:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 19:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 19:54	1

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: TRIP BLANK
Date Collected: 03/22/13 00:00
Date Received: 03/22/13 13:09

Lab Sample ID: 480-34871-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 19:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 19:54	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 19:54	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 19:54	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 19:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/27/13 19:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 19:54	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 19:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 19:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 19:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 19:54	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 19:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 19:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 19:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 19:54	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 19:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 19:54	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 19:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 19:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 19:54	1
Trichloroethene	ND		1.0	0.46	ug/L			03/27/13 19:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 19:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 19:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 19:54	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*03/27/13 19:54*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*03/27/13 19:54*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*03/27/13 19:54*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/27/13 19:54*	*1*

Surrogate Summary

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-34871-1	MW-07S	91	97	99
480-34871-2	MW-07D	91	96	100
480-34871-3	MW-09S	93	94	100
480-34871-4	MW-09D	92	96	100
480-34871-5	MW-10S	92	98	101
480-34871-6	MW-10D	93	96	100
480-34871-6 MS	MW-10D	91	95	102
480-34871-6 MSD	MW-10D	90	98	104
480-34871-7	FD1-032113	92	96	100
480-34871-8	MW-06S	91	95	101
480-34871-9	MW-06D	92	95	101
480-34871-10	MW-11D	93	97	102
480-34871-11	TRIP BLANK	93	94	99
LCS 480-109385/4	Lab Control Sample	90	96	103
MB 480-109385/7	Method Blank	92	97	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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

Lab Sample ID: MB 480-109385/7
Matrix: Water
Analysis Batch: 109385

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 11:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 11:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 11:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/13 11:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 11:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 11:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/13 11:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 11:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/13 11:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/13 11:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 11:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 11:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/13 11:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/13 11:49	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/13 11:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 11:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 11:49	1
Acetone	ND		10	3.0	ug/L			03/27/13 11:49	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 11:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 11:49	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 11:49	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 11:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 11:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 11:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 11:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 11:49	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 11:49	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 11:49	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 11:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/27/13 11:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 11:49	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/13 11:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 11:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 11:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/13 11:49	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/13 11:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/13 11:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/13 11:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 11:49	1
Styrene	ND		1.0	0.73	ug/L			03/27/13 11:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 11:49	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 11:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 11:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 11:49	1
Trichloroethene	ND		1.0	0.46	ug/L			03/27/13 11:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 11:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 11:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 11:49	1

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

Lab Sample ID: MB 480-109385/7
Matrix: Water
Analysis Batch: 109385

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

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					03/27/13 11:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		66 - 137		03/27/13 11:49	1
Toluene-d8 (Surr)	97		71 - 126		03/27/13 11:49	1
4-Bromofluorobenzene (Surr)	101		73 - 120		03/27/13 11:49	1

Lab Sample ID: LCS 480-109385/4
Matrix: Water
Analysis Batch: 109385

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.0		ug/L		92	71 - 129
1,1-Dichloroethene	25.0	22.7		ug/L		91	58 - 121
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	21.4		ug/L		86	75 - 127
Benzene	25.0	23.1		ug/L		92	71 - 124
Chlorobenzene	25.0	23.3		ug/L		93	72 - 120
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
Ethylbenzene	25.0	22.7		ug/L		91	77 - 123
Methyl tert-butyl ether	25.0	24.4		ug/L		98	64 - 127
Tetrachloroethene	25.0	25.7		ug/L		103	74 - 122
Toluene	25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127
Trichloroethene	25.0	23.7		ug/L		95	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		66 - 137
Toluene-d8 (Surr)	96		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

Lab Sample ID: 480-34871-6 MS
Matrix: Water
Analysis Batch: 109385

Client Sample ID: MW-10D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		25.0	23.8		ug/L		95	71 - 129
1,1-Dichloroethene	ND		25.0	25.5		ug/L		102	58 - 121
1,2-Dichlorobenzene	ND		25.0	24.1		ug/L		96	80 - 124
1,2-Dichloroethane	ND		25.0	22.4		ug/L		90	75 - 127
Benzene	ND		25.0	23.9		ug/L		96	71 - 124
Chlorobenzene	ND		25.0	23.6		ug/L		95	72 - 120
cis-1,2-Dichloroethene	ND		25.0	24.4		ug/L		98	74 - 124
Ethylbenzene	ND		25.0	23.2		ug/L		93	77 - 123
Methyl tert-butyl ether	ND		25.0	25.8		ug/L		103	64 - 127
Tetrachloroethene	ND		25.0	25.5		ug/L		102	74 - 122
Toluene	ND		25.0	23.7		ug/L		95	80 - 122

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

Lab Sample ID: 480-34871-6 MS
Matrix: Water
Analysis Batch: 109385

Client Sample ID: MW-10D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	ND		25.0	24.7		ug/L		99	73 - 127
Trichloroethene	5.2		25.0	29.9		ug/L		99	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*
Toluene-d8 (Surr)	*95*		*71 - 126*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*

Lab Sample ID: 480-34871-6 MSD
Matrix: Water
Analysis Batch: 109385

Client Sample ID: MW-10D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		25.0	25.2		ug/L		101	71 - 129	6	20
1,1-Dichloroethene	ND		25.0	26.3		ug/L		105	58 - 121	3	16
1,2-Dichlorobenzene	ND		25.0	24.7		ug/L		99	80 - 124	2	20
1,2-Dichloroethane	ND		25.0	23.1		ug/L		92	75 - 127	3	20
Benzene	ND		25.0	25.8		ug/L		103	71 - 124	7	13
Chlorobenzene	ND		25.0	25.3		ug/L		101	72 - 120	7	25
cis-1,2-Dichloroethene	ND		25.0	26.5		ug/L		106	74 - 124	8	15
Ethylbenzene	ND		25.0	25.0		ug/L		100	77 - 123	7	15
Methyl tert-butyl ether	ND		25.0	24.1		ug/L		96	64 - 127	7	37
Tetrachloroethene	ND		25.0	27.4		ug/L		110	74 - 122	7	20
Toluene	ND		25.0	25.7		ug/L		103	80 - 122	8	15
trans-1,2-Dichloroethene	ND		25.0	26.5		ug/L		106	73 - 127	7	20
Trichloroethene	5.2		25.0	31.6		ug/L		105	74 - 123	5	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 137*
Toluene-d8 (Surr)	*98*		*71 - 126*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*

QC Association Summary

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

GC/MS VOA

Analysis Batch: 109385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-34871-1	MW-07S	Total/NA	Water	8260B	
480-34871-2	MW-07D	Total/NA	Water	8260B	
480-34871-3	MW-09S	Total/NA	Water	8260B	
480-34871-4	MW-09D	Total/NA	Water	8260B	
480-34871-5	MW-10S	Total/NA	Water	8260B	
480-34871-6	MW-10D	Total/NA	Water	8260B	
480-34871-6 MS	MW-10D	Total/NA	Water	8260B	
480-34871-6 MSD	MW-10D	Total/NA	Water	8260B	
480-34871-7	FD1-032113	Total/NA	Water	8260B	
480-34871-8	MW-06S	Total/NA	Water	8260B	
480-34871-9	MW-06D	Total/NA	Water	8260B	
480-34871-10	MW-11D	Total/NA	Water	8260B	
480-34871-11	TRIP BLANK	Total/NA	Water	8260B	
LCS 480-109385/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-109385/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: MW-07S — Lab Sample ID: 480-34871-1

Date Collected: 03/21/13 15:19 — **Matrix: Water**
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 15:08	LH	TAL BUF

Client Sample ID: MW-07D — Lab Sample ID: 480-34871-2

Date Collected: 03/21/13 16:20 — **Matrix: Water**
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 15:32	LH	TAL BUF

Client Sample ID: MW-09S — Lab Sample ID: 480-34871-3

Date Collected: 03/21/13 11:12 — **Matrix: Water**
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 15:56	LH	TAL BUF

Client Sample ID: MW-09D — Lab Sample ID: 480-34871-4

Date Collected: 03/21/13 14:31 — **Matrix: Water**
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 16:20	LH	TAL BUF

Client Sample ID: MW-10S — Lab Sample ID: 480-34871-5

Date Collected: 03/21/13 12:40 — **Matrix: Water**
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 16:44	LH	TAL BUF

Client Sample ID: MW-10D — Lab Sample ID: 480-34871-6

Date Collected: 03/21/13 13:20 — **Matrix: Water**
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 17:07	LH	TAL BUF

Lab Chronicle

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Client Sample ID: FD1-032113

Lab Sample ID: 480-34871-7

Date Collected: 03/21/13 00:00
Matrix: Water
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 18:19	LH	TAL BUF

Client Sample ID: MW-06S

Lab Sample ID: 480-34871-8

Date Collected: 03/22/13 09:33
Matrix: Water
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 18:42	LH	TAL BUF

Client Sample ID: MW-06D

Lab Sample ID: 480-34871-9

Date Collected: 03/22/13 10:11
Matrix: Water
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 19:06	LH	TAL BUF

Client Sample ID: MW-11D

Lab Sample ID: 480-34871-10

Date Collected: 03/22/13 11:12
Matrix: Water
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 19:30	LH	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-34871-11

Date Collected: 03/22/13 00:00
Matrix: Water
Date Received: 03/22/13 13:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109385	03/27/13 19:54	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: URS Corporation
Project/Site: Wade's Market

TestAmerica Job ID: 480-34871-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-34871-1	MW-07S	Water	03/21/13 15:19	03/22/13 13:09
480-34871-2	MW-07D	Water	03/21/13 16:20	03/22/13 13:09
480-34871-3	MW-09S	Water	03/21/13 11:12	03/22/13 13:09
480-34871-4	MW-09D	Water	03/21/13 14:31	03/22/13 13:09
480-34871-5	MW-10S	Water	03/21/13 12:40	03/22/13 13:09
480-34871-6	MW-10D	Water	03/21/13 13:20	03/22/13 13:09
480-34871-7	FD1-032113	Water	03/21/13 00:00	03/22/13 13:09
480-34871-8	MW-06S	Water	03/22/13 09:33	03/22/13 13:09
480-34871-9	MW-06D	Water	03/22/13 10:11	03/22/13 13:09
480-34871-10	MW-11D	Water	03/22/13 11:12	03/22/13 13:09
480-34871-11	TRIP BLANK	Water	03/22/13 00:00	03/22/13 13:09

CHAIN OF CUSTODY RECORD

URS

PROJECT NO. 1 3 8 / 6 4 0 2 . 1 0 0 0
SITE NAME Former Griffin Tech

SAMPLERS (PRINT/SIGNATURE) Kevin J. McGovern

LAB Test America
COOLER 1 of 1
PAGE 1 of 1

Client Drop Off
DELIVERY SERVICE: ______ AIRBILL NO.: ______

TESTS: TCL VOCS 8260

BOTTLE TYPE AND PRESERVATIVE: 40 mL Glass w/HCl

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# OF CONTAINERS	TCL VOCS 8260 (40 mL Glass w/HCl)							REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (ERPIMS)
MW-07S	3/21/13	15:19	Grab	MW-07S	GW	3	3								N1			
MW-07D		16:20		MW-07D														
MW-09S		11:12		MW-09S														
MW-09D		14:21		MW-09D														
MW-10S		12:40		MW-10S														
MW-10D		13:20		MW-10D														
				MW-10D MS											MS1			
				MW-10D MSD											SD1			
—		—		FD1-032113											FR1			
MW-06S	3/22/13	09:33		MW 06S											N1			
MW-06D		10:11		MW-06D														
MW-11D		11:12		MW-11D														
				Trip Blank		2	2								TB1			

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
[signature]	3/22/13	13:09	[signature] TA Buffalo	3/22/13	13:09

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS
Call George Kisluk
716-923-1321

Distribution: Original accompanies shipment, copy to coordinator field files

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

#328

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 480-34871-1

Login Number: 34871

List Number: 1

Creator: Robitaille, Zach L

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	URS
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	