Periodic Review Report for the Wyoming County Fire Training Area 3651 Wethersfield Road Wethersfield, New York Voluntary Cleanup (Site V-00604)

Prepared For:

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October 2015

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PERIODIC REVIEW REPORT

FOR THE

WYOMING COUNTY FIRE TRAINING CENTER
3651 WETHERSFIELD ROAD
WETHERSFIELD, NEW YORK
VOLUNTARY CLEANUP (SITE V-00604)

Prepared for:

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OCTOBER 2015

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EXECUTIVE SUMMARY

This Periodic Review Report is being provided to the New York State Department of Environmental Conservation (NYSDEC) as required by the June 2011 Site Management Plan (SMP) for the Wyoming County Fire Training Center (WCFTC). The report covers the period from February 2014 through August 2015.

The WCFTC is located at 3651 Wethersfield Road in the Town of Wethersfield, Wyoming County, New York (Figure 1). Flammable liquids consisting of solvents, petroleum products, paint thinners, degreasers, etc. were brought to the WCFTC and stored in an onsite aboveground storage tank (AST) and/or in drums. Liquids from the AST were conveyed to two sub-grade concrete-lined fire pits then ignited and subsequently extinguished during fire training exercises. The AST, fire pits, underground piping and drum storage area were all located on about one acre in the eastern portion of the WCFTC facility.

Investigation data showed that soil at the WCFTC site and groundwater on site and the two adjacent County-owned parcels located immediately east of the WCFTC site had been impacted by volatile organic compounds (VOCs).

The County subsequently entered into a Voluntary Cleanup Agreement (VCA) #B9-0623-02-09, Site # V-00604-9, with the NYSDEC on October 24, 2002 to remediate the site.

Remedial activities consisting of drum removal, AST removal, contaminated soil excavation, in-situ chemical oxidation in VOC source areas, and installation of two permeable reactive walls (PRWs) were conducted by AECOM (Formerly URS) in accordance with NYSDEC-approved Work Plans. Initial remedial activities were completed in November 2006. A supplemental remedial action consisting of the emplacement of additional zero valent iron (ZVI)/sand in the north PRW was completed in May 2009, at the request of the NYSDEC.

Following submission of a Site Management Plan, submission of a Final Engineering Report and filing of a Declaration of Covenants and Restrictions, the Department issued a 'release and covenant not to sue' to the County for the site on February 19, 2014.

A groundwater monitoring program was initiated during the first quarter following remedy implementation (i.e. January 2007) to monitor the progress and effectiveness of the remedial actions in achieving the Remedial Action Objectives (RAOs). This program is still ongoing at present.

Groundwater data collected during this period has shown a gradual, but steady decrease in the number and concentrations of VOCs since completion of the remediation. As such, it

appears that the remedial program at the site has been effective in reducing impacts to groundwater, and is protective of human health and the environment.

All applicable components of the SMP have been complied with during this reporting period.

No changes in the remedial program or monitoring plans are recommended at this time.

1.0 SITE OVERVIEW

1.1 SITE LOCATION, DESCRIPTION AND HISTORY

The Wyoming County Fire Training Center (WCFTC) is located at 3651 Wethersfield Road in the Town of Wethersfield, Wyoming County, New York (Figure 1). The facility is located on the north side of Wethersfield Road approximately one-half mile east of the intersection with Poplar Hill Road.

The WCFTC was operated by Wyoming County commencing in the 1970s. Flammable liquids consisting of solvents, petroleum products, paint thinners, degreasers, etc. were brought to the WCFTC and stored in an onsite aboveground storage tank (AST) and/or in drums. Liquids from the AST were conveyed to two sub-grade concrete-lined fire pits (i.e. north and south pits) via an underground steel piping/valve system. The flammable liquids were ignited and subsequently extinguished during fire training exercises. The AST, fire pits, underground piping and drum storage area were all located on about one acre in the eastern portion of the WCFTC facility.

Investigation data showed that soil at the WCFTC site and groundwater on site and the two adjacent County-owned parcels located immediately east of the WCFTC site (i.e. the Former Agro Property and the Former Weber Property) had been impacted by volatile organic compounds (VOCs).

The County subsequently entered into a Voluntary Cleanup Agreement (VCA) #B9-0623-02-09, Site # V-00604-9, with the NYSDEC on October 24, 2002 to remediate the site. The objectives of the remedial action (RA) were to remove onsite contaminated soils and containers to reduce/eliminate the source of VOCs and to treat contaminated groundwater such that:

- contaminant levels in soils do not exceed the soil cleanup objectives (SCOs) for commercial/industrial sites as outlined in NYSDEC Part 375, and
- contaminant levels in groundwater at the property boundaries do not exceed the Standards, Criteria and Guidance values (SCGs) outlined in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1: *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations,* June 1998.

Remedial activities consisting of drum removal, AST removal, contaminated soil excavation, in-situ chemical oxidation in VOC source areas, and installation of two permeable

reactive walls (PRWs) were conducted by AECOM (Formerly URS) in accordance with NYSDEC-approved Work Plans. Initial remedial activities were completed in November 2006. A supplemental remedial action consisting of the emplacement of additional zero valent iron (ZVI)/sand in the north PRW was completed in May 2009 at the request of the NYSDEC. (A more detailed description of the site history and previous investigation/remediation activities is presented in the, *"Final Site Management Plan for the Wyoming County Fire Training Area, Wethersfield, New York"*– URS June 2011 and the, *"Final Engineering Report for the Wyoming County Fire Training Area, Wethersfield, New York"*– URS February 2012).

No changes have been made to the selected remedy since implementation.

2.0 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

2.1 SOILS

Following completion of the contaminated soils excavation conducted as part of the RA, confirmatory samples showed that VOC concentrations in the remaining onsite soils did not exceed the Part 375 SCOs for Commercial/Industrial sites, thereby meeting the RAOs for the site.

2.2 GROUNDWATER

Following implementation of the RA, groundwater in some areas of the site, and in a spring located on the south side of Wethersfield Road, approximately 60 feet east of MW-13, still exhibited VOC concentrations exceeding the SCGs. Consequently, groundwater monitoring was implemented beginning in the first quarter following completion of the RA (i.e. January 2007) to evaluate the long-term effectiveness of the RA.

The results of this monitoring are summarized in Table 1. As indicated in this table, the VOC concentrations in all onsite monitoring wells have shown a marked decrease since implementation of the RA, and continue to show a gradual decline at present.

Additionally, no VOCs have ever been detected in the potable water supplies of the two residences located downgradient of the site.

In the spring the VOC concentrations initially increased after implementation of the RA, then gradually decreased, and stabilized over the past several years.

2.3 CONCLUSIONS

Based on the groundwater monitoring results the RA appears to be effective in reducing VOCs in groundwater and is protective of human health and the environment.

3.0 IC/EC PLAN COMPLIANCE

3.1 INSTITUTIONAL CONTROLS

A series of Institutional Controls in the form of site restrictions, excavation plans and monitoring plans are required by the SMP to ensure that:

- All Engineering Controls are operated and maintained as specified by the SMP;
- All Engineering Controls on the Site are inspected and certified at a frequency and in a manner defined in the SMP;
- Groundwater, soil vapor, and other environmental or public health monitoring are performed as defined in the SMP;
- Data and information pertinent to Site Management for the Controlled Property are reported at the frequency and in a manner defined in the SMP;
- On-site environmental monitoring devices, including but not limited to, groundwater monitoring wells and soil vapor probes, are protected and replaced as necessary to ensure continued functioning in the manner specified in the SMP.

In addition, the Declaration of Covenants and Restrictions places certain restrictions on the property:

- Vegetable gardens and farming on the property are prohibited;
- Use of groundwater underlying the property is prohibited without treatment rendering it safe for the intended use or as otherwise approved by the relevant agency;
- All future activities on the property that would disturb remaining contaminated material must be conducted in accordance with the Excavation Plan included in the SMP;
- The potential for vapor intrusion must be evaluated for any future buildings developed on the site, and any potential impacts that are identified must be mitigated;
- The property may be used for, restricted commercial/ industrial use, provided that the long-term Engineering and Institutional Controls described in the SMP remain in use.

3.2 ENGINEERING CONTROLS

The Controlled Property has two permeable reactive walls (PRWs) installed at the locations shown on Figure 2**.** These PRWs were installed to treat groundwater leaving the site. A description of these PRWs is provided below:

North Permeable Reactive Wall

In accordance with the RD/RA Work Plan, a 170-foot long permeable reactive wall (PRW) was installed in the southeast corner of the site. The PRW extends from about 25 feet southwest of MW-15 east to MW-14, parallel to Wethersfield Road. The trench is approximately 2-feet wide and 10 feet deep, and is backfilled from 10 feet to within about 1 foot of the ground surface with a mixture of zero valent iron (ZVI) and coarse sand. Approximately 100 cubic yards of the sand/zero valent iron mixture was emplaced (i.e. 9,872 pounds of zero valent iron).

Initial construction occurred in September/Nov 2006. The presence of boulders in this area necessitated that the trenches be widened to 2-feet instead of the specified one-foot width. Considering the fixed quantity of ZVI and sand available, it was only possible to fill half as much of the trench as originally planned. As discussed and agreed with the NYSDEC, the ZVI/sand was emplaced in the 7 to 10-feet interval instead of the specified 4 to 10 foot interval. At the request of the NYSDEC, the PRW was enhanced in May of 2009. The PRW trench was re-excavated to a depth of 7-feet to expose the top of the ZVI/sand mixture. Additional ZVI/sand was emplaced until the trench was filled to within about 2-feet of the ground surface (i.e. 2.0 – 10.0 feet). The remainder of the trench was backfilled with the excavated soil.

South Permeable Reactive Wall

Additionally, in accordance with the RD/RA Work Plan, a 69-foot long trench located approximately 50 feet east of MW-13 and oriented perpendicular to Wethersfield Road was excavated to approximately 10 feet bgs. Bedrock was encountered at a depth of about 4 feet at the northern end of the trench. The depth to bedrock gradually increased to the south, such that the full 10 foot depth could be excavated after the first 40 feet, or so. This trench also was widened to two feet due to the presence of large boulders. As agreed with the NYSDEC, a three

foot thick layer of the sand/zero valent iron mixture was emplaced above the bedrock in the northern half of the trench. In the remaining portion, the sand/zero valent iron mixture was emplaced in the 7.0- to 10.0-foot interval and compacted with the excavator bucket. A total of 16 cubic yards of the sand/zero valent iron mixture was emplaced (i.e. 1,688 pounds of zero valent iron). The excavated soil was placed in lifts about one foot thick and compacted with the excavator. The backfill was mounded up above the trench, with the excess soil being spread and graded around the trench.

3.3 IC/EC CERTIFICATION

These EC/ICs are designed to:

- Prevent ingestion/direct contact with contaminated soil;
- Prevent inhalation of or exposure to contaminants volatilizing from contaminated soil;
- Prevent ingestion of groundwater with contaminant levels that exceed drinking water standards;
- Prevent contact with or inhalation of volatiles from contaminated groundwater;
- Restore groundwater to pre-disposal/pre-release conditions, to the extent practicable;
- Prevent the discharge of contaminants to surface water;
- Prevent contaminated groundwater from migrating off-site; and
- Prevent migration of contaminants that would result in off-site groundwater or surface water contamination.

A visual inspection of the two PRWs is required by the SMP to be conducted during the annual groundwater monitoring and site inspection event. The PRWs are monitored for signs of seepage, subsidence, surface erosion, and other signs of damage. A complete list of items to be checked appears on the Engineering Control System Inspection Form. Damage observed to the PRWs is to be repaired immediately. The annual inspection, and any necessary repairs, of the PRWs provide the supporting documentation for the Certification of these Engineering Controls.

The PRWs were inspected on May 18, 2014 and on July 15, 2015 during the scheduled annual site monitoring visits. The inspections consisted of walking the areas of the PRWs and looking for evidence of subsidence, depressions, cracks, soil erosion, and other damage indicators listed on the Inspection Form. The results of the inspections did not reveal any signs of damage

to the PRWs. Based on the inspection, the PRWs are believed to be sound and functioning as originally designed and constructed. A copy of the Engineering Control System Inspection and Site-Wide Inspection Forms is provided in Appendix A

Institutional controls as required by the Declaration of Covenants and Restrictions remain unchanged as approved by the NYSDEC. In addition, there have not been any changes to the physical condition of the site nor to activities at or use of the site since the assignable release for the site was issued by the NYSDEC. A signed Certification of the Engineering and Institutional Controls is provided in Appendix B.

4.0 MONITORING PLAN COMPLIANCE

4.1 MONITORING PROGRAM

A monitoring program is provided in the SMP to assess the performance of the remedy and overall reduction in contamination on-site and off-site and is specified to be conducted for two years following issuance of the 'release and covenant not to sue' by the NYSDEC for the site. The monitoring program consists of the following media sampling:

- Annual groundwater sampling from monitoring wells MW-02, MW-07, MW-12, MW-14 and MW-15. Sampling is to be conducted in the spring (i.e., April/May) one year and the summer (July/August) the following year.
- Semi-annual sampling of the potable water supply wells for the Schell and Becker residences and the spring.
- Samples are to be analyzed for VOCs using Method SW8260B for groundwater samples and Method E502.2 for potable water.

During the reporting period, annual sampling of monitoring wells MW-02, MW-07, MW-12, MW-14 and MW-15 was performed on May 18, 2014 and July 15, 2015. Prior to sampling, a round of water levels was obtained from all of the site monitoring wells (Figure 2).

Samples from both the Schell and Becker residential water supplies and from the off-site spring located on the south side of Wethersfield Road were also collected during this reporting period. The sampling locations are shown on Figure 2. The sampling was conducted concurrent with the two annual sampling events, and semi-annually on December 18, 2014.

Copies of the Low-Flow Groundwater Sampling Logs are provided in Appendix C. Copies of the Residential Tap Water Sampling Logs are provided in Appendix D and copies of the Surface Water Sampling Logs are provided in Appendix E. Copies of field notes are provided in Appendix F. A summary of the groundwater level measurements is presented in Table 2 and plotted on Figures 3 and 4.

Generally, the groundwater monitoring program would not be implemented until after the RA is completed and the 'release and covenant not to sue' has been issued by the Department. The Periodic Review Report would subsequently be submitted to the Department 18 months later. However, as agreed with the Department, the County initiated quarterly/semiannual monitoring in January 2007 and continued it up to the present while the SMP, FER and Declaration of Covenants and Restrictions were being finalized such that the 'release and covenant not to sue' could be issued. As such, this PRR is reflective of over 8 years of groundwater monitoring data as compared to the usual 18 months, or so.

The analytical data for all of the sampling conducted to date is tabulated in Table 1. However, since the analytical data associated with the sampling events conducted prior to issuance of the 'release and covenant not to sue' has previously been submitted electronically to the Department, only the analytical data reports for events conducted during the reporting period are presented in Appendix G.

4.2 SAMPLING RESULTS

The surface water and groundwater analytical results were compared to the following SCGs:

Volatile Compounds	**SCG (µg/L)***		**Volatile Compounds**	**SCG (µg/L)***
1,1-Dichloroethane (1,1-DCA)	5		Tetrachloroethene (PCE)	5
1,1-Dichloroethene (1,1-DCE)	5		Trichloroethene (TCE)	5
1,2-Dichloroethene (1,2-DCE)	5		Vinyl Chloride (VC)	5
1,1,1-Trichloroethane (1,1,1-TCA)	5		Acetone	50
Methylene Chloride (MC)	5		Chloroethane	5
2 – Butanone (MEK)	50		Total VOCs	NS

* µg/L = micrograms per liter. NS =not specified

The results of this comparison indicated the following:

- Groundwater flow directions have remained essentially unchanged, with flow being from west to east across the site.
- Potable groundwater quality for both the Becker and Schell residences has remained unchanged. There are no detectable concentrations of VOCs in the groundwater supply well samples collected from the tap at either residence with the exception of acetone, which was observed infrequently in both potable water supplies. Acetone is a common laboratory contaminant and has not been identified as a site-related contaminant. This is consistent with the results from all previous sampling events.
- No site-related VOCs have been observed in MW-14. This is consistent with all previous sampling events.
- VOC concentrations in the four monitoring wells with detectable levels of VOCs (i.e. MW-02, -07, -12 and -15) are cyclical. The concentrations typically rise during the summer months as groundwater levels drop and decrease during the winter months as groundwater levels rise. (Consistent with less dilution/lower hydraulic gradients in summer which would result in higher concentrations and higher dilution/steeper hydraulic gradients in the winter which would result in lower concentrations.) The concentrations typically fluctuate within a relatively narrow range of values.
- Total VOC concentrations in MW-07 and MW-12 have shown a significant decrease during this period as compared to pre-RA levels.
- Total VOC concentrations in MW-15 have also shown a significant decrease in concentrations over the past 8 years at a rate of decline more gradual than in MW-07 and MW-12.
- The total VOC concentrations in the groundwater samples collected from the spring showed a slight increase following implementation of the RA. This is most likely associated with disturbance of the upgradient soils that occurred during construction of the south PRW. These concentrations have fluctuated somewhat from event to event, but overall have remained consistent, and within a very narrow range of values.

4.3 CONCLUSIONS

Based on the groundwater monitoring results, the RA has been effective in reducing VOCs in groundwater and is protective of human health and the environment. Additionally, the PRWs are functioning as designed and offsite contamination has not increased.

5.0 O&M PLAN COMPLIANCE

5.1 O&M PROGRAM

The site remedy does not rely on any mechanical systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not required. However, since the site remedy does rely on the integrity of the PRWs to protect public health and the environment, maintenance of the PRWs is required.

The maintenance requirements for the PRWs include repair of areas along the alignment of the PRW, or in the immediate vicinity of the PRW, that may be damaged as a result of weather conditions, erosion, subsidence of the underlying materials, seepage of groundwater, or other factors. Repair will consist of replacing material (soil or stone) over eroded or damaged areas with clean soil or #2 crushed stone as appropriate.

5.2 O&M PERFORMED

Based on the annual inspections of the PRWs, no repairs have been necessary.

5.3 CONCLUSIONS AND RECOMMENDATIONS

The PRWs should be effective and continue to perform as designed/expected. No changes are recommended at this time.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 COMPLIANCE WITH SMP

All the requirements of the SMP for the IC/ECs, the Monitoring Plan and the O&M Plan were met during this reporting period.

6.2 PERFORMANCE AND EFFECTIVENESS

Based on the groundwater monitoring results, the remedial program at the site has been effective in reducing impacts to groundwater associated with the site. It is anticipated that VOC concentrations will continue to decline over time, and that the remedy should ultimately achieve the RAOs for the site.

6.3 FUTURE SUBMITTALS

Based on the considerable amount of groundwater monitoring data already collected for this site (i.e. 8+ years) since the RA was completed, the consistency of the data, and the overall downward trend in VOC concentrations across the site, it is recommended that the frequency of the PRR submittal be changed to once every two years. The next PRR would be submitted on October 5, 2017.

Likewise, it is recommended that the frequency of the monitoring be decreased accordingly. Groundwater monitoring would be conducted every two years in the four onsite monitoring wells that have continued to show detectable levels of VOCs (i.e. MW-02, -07, -12 and -15). Monitoring of MW-14, which has never shown any detectable levels of site-related VOCs would be discontinued. The sampling would alternate from the spring (i.e. April/May) to the summer (i.e. July/Aug) during consecutive events.

Monitoring of the potable water supplies for both the Becker and Schell residences and the spring would be conducted annually. The sampling would alternate from the spring (i.e. April/May) one year to the summer (i.e. July/Aug) the following year.

The monitoring data would be submitted electronically to the Department after each sampling event as required by the SMP. Any significant changes in groundwater quality also would be reported to the Department.

TABLES

Table 1
Groundwater Analytical Results

Wyoming County Fire Training Center

Monitoring Well MW-02

Volatile Compounds	Units	Jun-04	Jan-07	Apr-07	Jul-07	Oct-07	Jan-08	Apr-08	Jul-08	Oct-08	Feb-09	Apr-09	Jul-09	Oct-09	Jan-10	May-10	Jul-11	May-12	Jul-13	May-14	Jul-15
1,1,1-Trichloroethane	UG/L	9 J	U	NS	12	NS	U	NS	U	NS	U	NS	U	NS	11	5.7	8.9	4.2	U	U	U
Toluene	UG/L	U	U	NS	U	NS	U	NS	U	NS	U	NS	7	NS	U	U	U	U	U	U	U
Tetrachloroethene	UG/L	15	U	NS	60	NS	16	NS	16	NS	11	NS	25	NS	51	26	50	22	18	34	17
Trichloroethene	UG/L	2 J	79	NS	150	NS	43	NS	49	NS	26	NS	39	NS	18	38	140 D	120	110	440	110
1,1-Dichloroethane	UG/L	2 J	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	U	2.7	1.2	U	U	U
1,1-Dichloroethene	UG/L	U	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	23	400	NS	450 E	NS	67	NS	56	NS	55	NS	63	NS	42	57	243 D	192.5 D	260	660	290
Vinyl Chloride	UG/L	3 J	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	U	9.8	1.6	U	U	U
Total VOCs	UG/L	54	479	NS	672	NS	126	NS	121	NS	92	NS	134	NS	122	126.7	454.4	341.5	388	1134	417

Monitoring Well MW-07

Volatile Compounds	Units	Jun-04	Feb-05	Jan-07	Apr-07	Jul-07	Jan-08	Apr-08	Jul-08	Oct-08	Feb-09	Apr-09	Jul-09	Oct-09	Jan-10	May-10	Jul-11	May-12	Jul-13	May-14	Jul-15
Benzene	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.99 J	0.80 J	U	U	U
1,1,2-trichloro-1,2,2-trifluoroethane	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.9	1.6	U	U	1.0 J
1,1,1-Trichloroethane	UG/L	1,300 D	1000	380	NS	220	63	NS	210	NS	20	NS	120	NS	66	56	64	85	110	36	44 J
Toluene	UG/L	U	U	U	NS	U	U	NS	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
Tetrachloroethene	UG/L	1,800 D	2200E	1,500	NS	1,500	350	NS	1200	NS	180	NS	830	NS	570	440	450 D	290	270	85	140 J
Trichloroethene	UG/L	49	65J	U	NS	U	U	NS	62	NS	U	NS	48	NS	U	16	20	78	93	30	28
1,1-Dichloroethane	UG/L	69	66J	U	NS	U	U	NS	U	NS	U	NS	26	NS	U	14	17	14	15	4.6	5.5
1,1-Dichloroethene	UG/L	14	U	U	NS	U	U	NS	U	NS	U	NS	U	NS	U	U	2.6	1.9	17	U	1.4 J
1,2-Dichloroethene (total)	UG/L	730 D	1100	350	NS	250	99	NS	U	NS	21	NS	130	NS	60	57	67	110 D	120	37	30
Chloroethane	UG/L	23 J	U	U	NS	U	U	NS	U	NS	U	NS	U	NS	U	U	0.80 J	U	U	U	U
Methylene Chloride	UG/L	U	U	U	NS	U	110	NS	U	NS	26	NS	U	NS	U	U	U	U	U	U	U
Vinly chloride	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	5.9	2.6	U	U	U
Total VOCs	UG/L	3,985	3531	2,230	NS	1,970	622	NS	1,472	NS	247	NS	1,154	NS	696	583	630.19	583.9	625	192.6	249.9

Monitoring Well MW-12

Volatile Compounds	Units	Jun-04	Feb-05	Jan-07	Apr-07	Jul-07	Jan-08	Apr-08	Jul-08	Oct-08	Feb-09	Apr-09	Jul-09	Oct-09	Jan-10	May-10	Jul-11	May-12	Jul-13	May-14	Jul-15
1,1,1-Trichloroethane	UG/L	31	34	24	NS	38	10	NS	19	NS	10	NS	26	NS	7.5	30	41	17	22	1.1	1.9
Toluene	UG/L	U	95	U	NS	U	U	NS	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
Tetrachloroethene	UG/L	8 J	U	U	NS	12	U	NS	8.7	NS	U	NS	16	NS	U	12	17	11	11	1.2	1.6
Trichloroethene	UG/L	U	U	U	NS	U	U	NS	U	NS	U	NS	U	NS	U	U	2.8	1.8	2.3	U	U
1,1-Dichloroethane	UG/L	4 J	U	U	NS	5.3	U	NS	U	NS	U	NS	U	NS	U	U	4.6	2.2	2.3	U	U
1,1-Dichloroethene	UG/L	U	U	U	NS	U	U	NS	U	NS	U	NS	U	NS	U	U	1.7	1.8	3.7	U	U
1,2-Dichloroethene (total)	UG/L	20	18	15	NS	33	12	NS	19	NS	7.5	NS	20	NS	6	25	38	20	23	0.96	1.9
Chloroethane	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.46 J	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	NS	U	U	NS	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
Total VOCs	UG/L	63	61	39	NS	88.3	22	NS	46.7	NS	17.5	NS	62	NS	13.5	67	105.56	53.8	64.3	3.26	5.4

Notes:

VOC analysis by EPA Method 8260

UG/L = micrograms per liter

U = not present above PQL

D = Sample diluted

NS = not sampled

J = Analyte detected below quanitation limits

E = Value above quantitation range

Table 1 (Cont.)
Groundwater Analytical Results
Wyoming County Fire Training Center

Monitoring Well MW-14

Volatile Compounds	Units	Jun-04	Jan-07	Apr-07	Jul-07	Oct-07	Jan-08	Apr-08	Jul-08	Oct-08	Feb-09	Apr-09	Jul-09	Oct-09	Jan-10	May-10	Jul-11	May-12	Jul-13	May-14	Jul-15
Acetone	UG/L	U	U	NS	U	U	U	U	U	NS	U	NS	U	NS	U	U	20	U	3.7J	5.1J	U
1,1,1-Trichloroethane	UG/L	U	U	NS	U	U	U	U	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
Toluene	UG/L	U	U	NS	U	U	U	U	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
Tetrachloroethene	UG/L	U	U	NS	U	U	U	U	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
Trichloroethene	UG/L	U	U	NS	U	U	U	U	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	NS	U	U	U	U	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	NS	U	U	U	U	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	NS	U	U	U	U	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	NS	U	U	U	U	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
Total VOCs	UG/L	U	U	NS	U	U	U	U	U	NS	U	NS	U	NS	U	U	20	U	3.7J	5.1J	U

Monitoring Well MW-15

Volatile Compounds	Units	Jun-04	Feb-05	Jan-07	Apr-07	Jul-07	Jan-08	Apr-08	Jul-08	Oct-08	Feb-09	Apr-09	Jul-09	Oct-09	Jan-10	May-10	Jul-11	May-12	Jul-13	May-14	Jul-15
1,1,1-Trichloroethane	UG/L	210 D	150	420 E	NS	280	300	NS	270	NS	7.2	NS	240	NS	210	180	190	100 D	120	70	86
Toluene	UG/L	U	U	U	NS	U	U	NS	U	NS	U	NS	U	NS	U	U	U	U	U	U	U
Tetrachloroethene	UG/L	100	84	170	NS	180	200	NS	220	NS	12	NS	240	NS	260	250	280 D	260 D	230	130	190
Trichloroethene	UG/L	7 J	6J	13	NS	U	U	NS	11	NS	U	NS	12	NS	11	11	12	10	10	6.2	9.9
1,1-Dichloroethane	UG/L	22	17	42	NS	36	33	NS	30	NS	U	NS	29	NS	19	18	15	14	14	7.6	9.8
1,1-Dichloroethene	UG/L	2 J	U	11	NS	U	U	NS	U	NS	U	NS	U	NS	U	U	5	2	19	47	U
1,2-Dichloroethene (total)	UG/L	150	93	410 E	NS	310	280	NS	240	NS	U	NS	U	NS	140	130	110 D	82	85	U	63
Chloroethane	UG/L	7 J	U	U	NS	U	U	NS	U	NS	U	NS	U	NS	U	U	0.93 J	U	U	U	U
Methylene Chloride	UG/L	U	U	U	NS	U	40	NS	U	NS	5.2	NS	U	NS	U	U	U	U	U	1.0J	0.99 J
Total VOCs	UG/L	498	350	1066	NS	806	853	NS	771	NS	24.4	NS	521	NS	640	589	612.93	468	478	261.8	359.69

Notes:

VOC analysis by EPA Method 8260

UG/L = micrograms per liter

U = not present above PQL

D = Sample diluted

J = Analyte detected below quanitation limits

NS = not sampled

Table 1 (Cont.)
Groundwater Analytical Results
Wyoming County Fire Training Center

Spring

Volatile Compounds	Units	Nov-03	Jan-07	Apr-07	Jul-07	Oct-07	Jan-08	Apr-08	Jul-08	Oct-08	Feb-09 **	Apr-09	Jul-09	Oct-09	Jan-10	May-10	Jul-11
1,1,1-Trichloroethane	UG/L	13	U	NS	21	34	54	64	70	54	U	65	88	87	50	68	69
Chloroethane	UG/L	2.7	U	NS	U	U	U	U	U	U	U	U	U	U	U	U	0.61 J
Methyl-tert-Butyl Ether	UG/L	1.5	U	NS	U	U	U	U	U	U	U	U	U	U	U	U	U
Tetrachloroethene	UG/L	9.3	U	NS	U	5.6	13	14	20	16	U	19	31	31	16	24	30
Trichloroethene	UG/L	1.9	U	NS	U	U	U	U	U	U	U	U	U	U	U	U	3.7
1,1-Dichloroethane	UG/L	9	U	NS	U	U	7.8	8.2	9.8	6.3	U	11	13	11	6.2	9.3	8.8
1,1-Dichloroethene	UG/L	3.9	U	NS	U	U	U	U	U	U	U	U	U	U	U	U	4.6
1,2-Dichloroethene (total)	UG/L	39	U	NS	17	25	17	51	59	36	U	54	73	67	37	58	57
Methylene Chloride	UG/L	U	U	NS	U	U	21	U	U	U	U	U	U	U	U	U	U
Total VOCs	UG/L	80.3	U	NS	38	64.6	112.8	137.2	158.8	112.3	U	149	205	196	109.2	159.3	173.71

Volatile Compounds	Units	Jan-12	May-12	Nov-12	May-13	Jul-13	Dec-14***	May-14	Jul-15***
1,1,1-Trichloroethane	UG/L	55	60	44	62	NS	NS	62	NS
Chloroethane	UG/L	U	U	U	U	NS	NS	U	NS
Methyl-tert-Butyl Ether	UG/L	U	U	U	U	NS	NS	U	NS
Tetrachloroethene	UG/L	29	35	26	35	NS	NS	34	NS
Trichloroethene	UG/L	3.3	3.9	3.2	4.6	NS	NS	4.7	NS
1,1-Dichloroethane	UG/L	6.9	7.4	6.4	7.7	NS	NS	6.9	NS
1,1-Dichloroethene	UG/L	2.3	1.6	1	1.2	NS	NS	1.3	NS
1,2-Dichloroethene (total)	UG/L	50	51	45	53	NS	NS	52	NS
Methylene Chloride	UG/L	U	U	U	U	NS	NS	U	NS
Total VOCs	UG/L	146.5	158.9	125.6	163.5	NS	NS	160.9	NS

Notes:

Spring VOC analysis by EPA Method 8260

UG/L = micrograms per liter

U = not present above PQL

J = Analyte detected below quanitation limits

NS = not sampled

** Sample was collected 150' downstream of normal sampling location (Snow drifts blocked access)

Table 1 (Cont.)
Groundwater Analytical Results
Wyoming County Fire Training Center

Becker Tap Water

Volatile Compounds	Units	Jun-04	Jan-07	Apr-07	Jul-07	Oct-07	Jan-08	Apr-08	Jul-08	Oct-08	Feb-09	Apr-09	Jul-09	Oct-09	Jan-10	May-10	Jul-11
Acetone	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	3 J	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Tetrachloroethene	UG/L	9 J	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Trichloroethene	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs	UG/L	12	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

Volatile Compounds	Units	Jan-12	May-12	Nov-12	May-13	Dec-13	May-14	Jul-15
Acetone	UG/L	U	U	U	0.54 J	0.75 J	U	0.91
1,1,1-Trichloroethane	UG/L	U	U	U	U	U	U	U
Toluene	UG/L	U	U	U	U	U	U	U
Tetrachloroethene	UG/L	U	U	U	U	U	U	U
Trichloroethene	UG/L	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U
Total VOCs	UG/L	U	U	U	0.54 J	0.75 J	U	0.91

Notes:

Becker Tap Water VOC analysis by New York State Department of Health Method 502.2 (through May 2010) and 524.2 (beginning July 2011).

UG/L = micrograms per liter

U = not present above PQL

J = Analyte detected below quanitation limits

NS = not sampled

Table 1 (Cont.)
Groundwater Analytical Results
Wyoming County Fire Training Center

Schell Tap Water

Volatile Compounds	Units	Jun-04	Jan-07	Apr-07	Jul-07	Oct-07	Jan-08	Apr-08	Jul-08	Oct-08	Feb-09	Apr-09	Jul-09	Oct-09	Jan-10	May-10	Jul-11
Acetone	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Tetrachloroethene	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Trichloroethene	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs	UG/L	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U

Volatile Compounds	Units	Jan-12	May-12	Nov-12	May-13	Dec-13	May-14	Jul-15
Acetone	UG/L	U	U	U	U	0.78 J	U	U
1,1,1-Trichloroethane	UG/L	U	U	U	U	U	U	U
Toluene	UG/L	U	U	U	U	U	U	U
Tetrachloroethene	UG/L	U	U	U	U	U	U	U
Trichloroethene	UG/L	U	U	U	U	U	U	U
1,1-Dichloroethane	UG/L	U	U	U	U	U	U	U
1,1-Dichloroethene	UG/L	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	UG/L	U	U	U	U	U	U	U
Vinyl Chloride	UG/L	U	U	U	U	U	U	U
Total VOCs	UG/L	U	U	U	U	0.78 J	U	U

Notes:

Schell Tap Water VOC analysis by New York State Department of Health Method 502.2 (through May 2010) and 524.2 (beginning July 2011).

UG/L = micrograms per liter

U = not present above PQL

J = Estimated concentration

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
AGRO-1	978645.9631	592479.2423	2024.22	NA	2024.22	A		0					
MNW							6/4/2004 0000		NM	-	0.00	-	
MNW							6/7/2004 0000		NM	-	0.00	-	
MNW							6/11/2004 0000		10.65	2013.57	0.00	2,013.57	
MNW							6/25/2004 0000		NM	-	0.00	-	
MNW							8/8/2004 0821		11.13	2013.09	0.00	2,013.09	
FRONT POND	978488.451	592264.591	2036.40	NA	2036.40			0					
							6/10/2008 0000		5.99	2030.41	0.00	2,030.41	
							7/10/2008 0000		6.17	2030.23	0.00	2,030.23	
							10/16/2008 0000		6.07	2030.33	0.00	2,030.33	
							2/12/2009 0000		6.07	2030.33	0.00	2,030.33	
							4/9/2009 0000		5.99	2030.41	0.00	2,030.41	
							7/9/2009 0000		6.23	2030.17	0.00	2,030.17	
							10/29/2009 0000		6.18	2030.22	0.00	2,030.22	
							1/21/2010 0000		NM	-	NM	-	Frozen
							5/27/2010 0000		NM	-	NM	-	
MW-02	978931.2427	592314.1629	2023.95	NA	2025.64	A		0					
MNW							6/4/2004 1621		1.06	2022.89	0.00	2,022.89	
MNW							6/7/2004 1150		2.27	2021.68	0.00	2,021.68	
MNW							6/14/2004 0830		2.74	2021.21	0.00	2,021.21	
MNW							6/14/2004 1558		2.82	2021.13	0.00	2,021.13	
MNW							6/25/2004 0839		2.97	2020.98	0.00	2,020.98	
MNW							8/8/2004 0853		2.59	2021.36	0.00	2,021.36	
MNW							2/9/2005 0000		0.97	2022.98	0.00	2,022.98	
MNW							1/11/2007 0000		1.62	2022.33	0.00	2,022.33	
MNW							4/5/2007 0000		1.63	2022.32	0.00	2,022.32	
MNW							7/11/2007 0000		3.27	2020.68	0.00	2,020.68	

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							10/11/2007 0000		4.13	2019.82	0.00	2,019.82	
MNW							1/8/2008 0000		1.43	2022.52	0.00	2,022.52	
MNW							4/16/2008 0000		1.75	2022.20	0.00	2,022.20	
MNW							7/10/2008 0000		2.66	2021.29	0.00	2,021.29	
MNW							10/16/2008 0000		2.94	2021.01	0.00	2,021.01	
MNW							2/12/2009 0000		1.15	2022.80	0.00	2,022.80	
MNW							4/9/2009 0000		1.15	2022.80	0.00	2,022.80	
MNW							7/9/2009 0000		2.29	2021.66	0.00	2,021.66	
MNW							10/29/2009 0000		2.15	2021.80	0.00	2,021.80	
MNW							1/21/2010 0000		NM	-	NM	-	
MNW							5/27/2010 0000		2.29	2021.66	0.00	2,021.66	
MNW							7/25/2011 0000		3.19	2020.76	0.00	2,020.76	
MNW							5/31/2012 0000		2.42	2021.53	0.00	2,021.53	
MNW							7/3/2013 0000		2.65	2021.30	0.00	2,021.30	
MNW							5/18/2014 0000		1.42	2022.53	0.00	2,022.53	
MNW							7/15/2015 0000		0.97	2022.98	0.00	2,022.98	
MW-03	978828.2168	592202.3606	2032.93	NA	2035.79	A		0					
MNW							11/6/2001 0000		11.98	2020.95	0.00	2,020.95	
MNW							6/4/2004 1618		9.1	2023.83	0.00	2,023.83	
MNW							6/7/2004 1145		9.77	2023.16	0.00	2,023.16	
MNW							6/11/2004 1500		9.92	2023.01	0.00	2,023.01	
MNW							6/14/2004 1556		10.17	2022.76	0.00	2,022.76	
MNW							6/25/2004 0837		10.52	2022.41	0.00	2,022.41	
MNW							8/8/2004 0855		10.11	2022.82	0.00	2,022.82	
MNW							2/9/2005 0000		NM	-	NM	-	Obstruction at 2.85'
MNW							1/11/2007 0000		NM	-	NM	-	Destroyed
MNW							4/5/2007 0000		NM	-	NM	-	DESTROYED

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							10/11/2007 0000		NM	-	NM	-	
MNW							1/8/2008 0000		9.39	2023.54	0.00	2,023.54	
MNW							4/16/2008 0000		9.28	2023.65	0.00	2,023.65	
MNW							7/10/2008 0000		10.58	2022.35	0.00	2,022.35	
MNW							10/16/2008 0000		11.17	2021.76	0.00	2,021.76	
MNW							2/12/2009 0000		8.63	2024.30	0.00	2,024.30	
MNW							4/9/2009 0000		8.58	2024.35	0.00	2,024.35	
MNW							7/9/2009 0000		10.01	2022.92	0.00	2,022.92	
MNW							10/29/2009 0000		9.93	2023.00	0.00	2,023.00	
MNW							1/21/2010 0000		9.79	2023.14	0.00	2,023.14	
MNW							5/27/2010 0000		9.61	2023.32	0.00	2,023.32	
MNW							7/25/2011 0000		10.87	2022.06	0.00	2,022.06	
MNW							5/31/2012 0000		9.75	2023.18	0.00	2,023.18	
MNW							7/3/2013 0000		10.07	2022.86	0.00	2,022.86	
MNW							5/18/2014 0000		8.53	2024.40	0.00	2,024.40	
MNW							7/15/2015 0000		8.84	2024.09	0.00	2,024.09	
MW-04	978686.2916	592234.1593	2034.25	NA	2036.40	A		0					
MNW							11/6/2001 0000		7.78	2026.47	0.00	2,026.47	
MNW							6/4/2004 1615		2.08	2032.17	0.00	2,032.17	
MNW							6/7/2004 1144		3.07	2031.18	0.00	2,031.18	
MNW							6/14/2004 0800		3.83	2030.42	0.00	2,030.42	
MNW							6/14/2004 1554		3.82	2030.43	0.00	2,030.43	
MNW							6/25/2004 0835		4.63	2029.62	0.00	2,029.62	
MNW							8/8/2004 0851		3.93	2030.32	0.00	2,030.32	
MNW							2/9/2005 0000		1.96	2032.29	0.00	2,032.29	
MNW							1/11/2007 0000		1.34	2032.91	0.00	2,032.91	
MNW							4/5/2007 0000		2.03	2032.22	0.00	2,032.22	

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							7/11/2007 0000		5.83	2028.42	0.00	2,028.42	
MNW							10/11/2007 0000		8.17	2026.08	0.00	2,026.08	
MNW							1/8/2008 0000		2.01	2032.24	0.00	2,032.24	
MNW							4/16/2008 0000		1.6	2032.65	0.00	2,032.65	
MNW							6/10/2008 0000		4.67	2029.58	0.00	2,029.58	
MNW							7/10/2008 0000		3.66	2030.59	0.00	2,030.59	
MNW							10/16/2008 0000		5.4	2028.85	0.00	2,028.85	
MNW							2/12/2009 0000		1.34	2032.91	0.00	2,032.91	
MNW							4/9/2009 0000		1.16	2033.09	0.00	2,033.09	
MNW							7/9/2009 0000		3.2	2031.05	0.00	2,031.05	
MNW							10/29/2009 0000		4.33	2029.92	0.00	2,029.92	
MNW							1/21/2010 0000		1.59	2032.66	0.00	2,032.66	
MNW							5/27/2010 0000		1.55	2032.70	0.00	2,032.70	
MNW							7/25/2011 0000		4.26	2029.99	0.00	2,029.99	
MNW							5/31/2012 0000		1.4	2032.85	0.00	2,032.85	
MNW							7/3/2013 0000		2.04	2032.21	0.00	2,032.21	
MNW							5/18/2014 0000		-0.37	2034.62	0.00	2,034.62	
MNW							7/15/2015 0000		0.37	2033.88	0.00	2,033.88	
MW-05	979063.4391	592223.0659	2023.11	NA	2026.00	A		0					
MNW							11/6/2001 0000		2.64	2020.47	0.00	2,020.47	
MNW							6/4/2004 1626		1.98	2021.13	0.00	2,021.13	
MNW							6/7/2004 1148		2.27	2020.84	0.00	2,020.84	
MNW							6/11/2004 1430		2.42	2020.69	0.00	2,020.69	
MNW							6/14/2004 1600		2.38	2020.73	0.00	2,020.73	
MNW							6/25/2004 0841		2.53	2020.58	0.00	2,020.58	
MNW							8/8/2004 0853		2.26	2020.85	0.00	2,020.85	
MNW							2/9/2005 0000		1.64	2021.47	0.00	2,021.47	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							1/11/2007 0000		1.82	2021.29	0.00	2,021.29	
MNW							4/5/2007 0000		2.07	2021.04	0.00	2,021.04	
MNW							7/11/2007 0000		2.85	2020.26	0.00	2,020.26	
MNW							10/11/2007 0000		3.4	2019.71	0.00	2,019.71	
MNW							1/8/2008 0000		2.19	2020.92	0.00	2,020.92	
MNW							4/16/2008 0000		1.74	2021.37	0.00	2,021.37	
MNW							7/10/2008 0000		2.24	2020.87	0.00	2,020.87	
MNW							10/16/2008 0000		2.2	2020.91	0.00	2,020.91	
MNW							2/12/2009 0000		1.25	2021.86	0.00	2,021.86	
MNW							4/9/2009 0000		1.27	2021.84	0.00	2,021.84	
MNW							7/9/2009 0000		1.89	2021.22	0.00	2,021.22	
MNW							10/29/2009 0000		1.84	2021.27	0.00	2,021.27	
MNW							1/21/2010 0000		1.99	2021.12	0.00	2,021.12	
MNW							5/27/2010 0000		2	2021.11	0.00	2,021.11	
MNW							7/25/2011 0000		2.7	2020.41	0.00	2,020.41	
MNW							5/31/2012 0000		2.16	2020.95	0.00	2,020.95	
MNW							7/3/2013 0000		2.42	2020.69	0.00	2,020.69	
MNW							5/18/2014 0000		1.79	2021.32	0.00	2,021.32	
MNW							7/15/2015 0000		1.55	2021.56	0.00	2,021.56	
MW-06	978973.2045	592468.4489	2018.62	NA	2020.28	A		0					
MNW							11/7/2001 0000		3.48	2015.14	0.00	2,015.14	
MNW							6/4/2004 1453		2.69	2015.93	0.00	2,015.93	
MNW							6/7/2004 1102		3.42	2015.20	0.00	2,015.20	
MNW							6/14/2004 0930		4.37	2014.25	0.00	2,014.25	
MNW							6/14/2004 1511		4.45	2014.17	0.00	2,014.17	
MNW							6/25/2004 0729		4.88	2013.74	0.00	2,013.74	
MNW							8/8/2004 0818		4	2014.62	0.00	2,014.62	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							2/9/2005 0000		0.69	2017.93	0.00	2,017.93	
MNW							1/11/2007 0000		1.79	2016.83	0.00	2,016.83	
MNW							4/5/2007 0000		2.34	2016.28	0.00	2,016.28	
MNW							7/11/2007 0000		5.12	2013.50	0.00	2,013.50	
MNW							10/11/2007 0000		6.07	2012.55	0.00	2,012.55	
MNW							1/8/2008 0000		0.48	2018.14	0.00	2,018.14	
MNW							4/16/2008 0000		0.05	2018.57	0.00	2,018.57	
MNW							7/10/2008 0000		3.49	2015.13	0.00	2,015.13	
MNW							10/16/2008 0000		0.62	2018.00	0.00	2,018.00	
MNW							2/12/2009 0000		0.21	2018.41	0.00	2,018.41	
MNW							4/9/2009 0000		0.13	2018.49	0.00	2,018.49	
MNW							7/9/2009 0000		2.4	2016.22	0.00	2,016.22	
MNW							10/29/2009 0000		1.19	2017.43	0.00	2,017.43	
MNW							1/21/2010 0000		2.64	2015.98	0.00	2,015.98	
MNW							5/27/2010 0000		2.16	2016.46	0.00	2,016.46	
MNW							7/25/2011 0000		5.47	2013.15	0.00	2,013.15	
MNW							5/31/2012 0000		3.33	2015.29	0.00	2,015.29	
MNW							7/3/2013 0000		3.92	2014.70	0.00	2,014.70	
MNW							5/18/2014 0000		1.79	2016.83	0.00	2,016.83	
MNW							7/15/2015 0000		1.86	2016.76	0.00	2,016.76	
MW-07	978803.3993	592454.4238	2024.24	NA	2026.14	A		0					
MNW							11/7/2001 0000		3.68	2020.56	0.00	2,020.56	
MNW							6/4/2004 1459		2.37	2021.87	0.00	2,021.87	
MNW							6/7/2004 1104		2.78	2021.46	0.00	2,021.46	
MNW							6/14/2004 1100		3.08	2021.16	0.00	2,021.16	
MNW							6/14/2004 1512		3.08	2021.16	0.00	2,021.16	
MNW							6/25/2004 0732		3.32	2020.92	0.00	2,020.92	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							8/8/2004 0820		3.02	2021.22	0.00	2,021.22	
MNW							2/9/2005 0000		2.17	2022.07	0.00	2,022.07	
MNW							1/11/2007 0000		1.79	2022.45	0.00	2,022.45	
MNW							4/5/2007 0000		2.23	2022.01	0.00	2,022.01	
MNW							7/11/2007 0000		3.59	2020.65	0.00	2,020.65	
MNW							10/11/2007 0000		4.24	2020.00	0.00	2,020.00	
MNW							1/8/2008 0000		1.08	2023.16	0.00	2,023.16	
MNW							4/16/2008 0000		1.5	2022.74	0.00	2,022.74	
MNW							7/10/2008 0000		2.24	2022.00	0.00	2,022.00	
MNW							10/16/2008 0000		2.69	2021.55	0.00	2,021.55	
MNW							2/12/2009 0000		0.21	2024.03	0.00	2,024.03	
MNW							4/9/2009 0000		0.91	2023.33	0.00	2,023.33	
MNW							7/9/2009 0000		1.92	2022.32	0.00	2,022.32	
MNW							10/29/2009 0000		1.69	2022.55	0.00	2,022.55	
MNW							1/21/2010 0000		4.77	2019.47	0.00	2,019.47	
MNW							5/27/2010 0000		4.4	2019.84	0.00	2,019.84	
MNW							7/25/2011 0000		5.45	2018.79	0.00	2,018.79	
MNW							5/31/2012 0000		5.77	2018.47	0.00	2,018.47	
MNW							7/3/2013 0000		5.15	2019.09	0.00	2,019.09	
MNW							5/18/2014 0000		3.6	2020.64	0.00	2,020.64	
MNW							7/15/2015 0000		3.74	2020.50	0.00	2,020.50	
MW-08	978912.8311	592533.1998	2017.14	NA	2018.28	A		0					
MNW							11/7/2001 0000		4.56	2012.58	0.00	2,012.58	
MNW							6/4/2004 1455		3.23	2013.91	0.00	2,013.91	
MNW							6/7/2004 1105		3.84	2013.30	0.00	2,013.30	
MNW							6/14/2004 1015		4.51	2012.63	0.00	2,012.63	
MNW							6/14/2004 1509		4.52	2012.62	0.00	2,012.62	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							6/25/2004 0731		5.76	2011.38	0.00	2,011.38	
MNW							8/8/2004 0816		4.33	2012.81	0.00	2,012.81	
MNW							2/9/2005 0000		2.48	2014.66	0.00	2,014.66	
MNW							1/11/2007 0000		NM	-	NM	-	
MNW							4/5/2007 0000		2.87	2014.27	0.00	2,014.27	
MNW							7/11/2007 0000		5.62	2011.52	0.00	2,011.52	
MNW							10/11/2007 0000		7.45	2009.69	0.00	2,009.69	
MNW							1/8/2008 0000		1.04	2016.10	0.00	2,016.10	
MNW							4/16/2008 0000		2.55	2014.59	0.00	2,014.59	
MNW							7/10/2008 0000		4.2	2012.94	0.00	2,012.94	
MNW							10/16/2008 0000		4.39	2012.75	0.00	2,012.75	
MNW							2/12/2009 0000		NM	-	NM	-	Snow Covered
MNW							4/9/2009 0000		2.4	2014.74	0.00	2,014.74	
MNW							7/9/2009 0000		3.69	2013.45	0.00	2,013.45	
MNW							10/29/2009 0000		3.03	2014.11	0.00	2,014.11	
MNW							1/21/2010 0000		3.87	2013.27	0.00	2,013.27	
MNW							5/27/2010 0000		3.81	2013.33	0.00	2,013.33	
MNW							7/25/2011 0000		6.16	2010.98	0.00	2,010.98	
MNW							5/31/2012 0000		3.69	2013.45	0.00	2,013.45	
MNW							7/3/2013 0000		4.07	2013.07	0.00	2,013.07	
MNW							5/18/2014 0000		2.71	2014.43	0.00	2,014.43	
MNW							7/15/2015 0000		2.86	2014.28	0.00	2,014.28	
MW-10	978535.9216	592744.4241	2006.26	NA	2007.95	A		0					
MNW							6/4/2004 1547		1.13	2005.13	0.00	2,005.13	
MNW							6/7/2004 1154		2.11	2004.15	0.00	2,004.15	
MNW							6/14/2004 1145		3.5	2002.76	0.00	2,002.76	
MNW							6/14/2004 1521		4.96	2001.30	0.00	2,001.30	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							6/25/2004 0807		4.55	2001.71	0.00	2,001.71	
MNW							8/8/2004 0832		2.82	2003.44	0.00	2,003.44	
MNW							2/9/2005 0000		0.03	2006.23	0.00	2,006.23	
MNW							1/11/2007 0000		-0.02	2006.28	0.00	2,006.28	
MNW							4/5/2007 0000		0.53	2005.73	0.00	2,005.73	
MNW							7/11/2007 0000		6.4	1999.86	0.00	1,999.86	
MNW							10/11/2007 0000		9.25	1997.01	0.00	1,997.01	
MNW							1/8/2008 0000		0.92	2005.34	0.00	2,005.34	
MNW							4/16/2008 0000		0.7	2005.56	0.00	2,005.56	
MNW							6/10/2008 0000		5.42	2000.84	0.00	2,000.84	
MNW							7/10/2008 0000		3.82	2002.44	0.00	2,002.44	
MNW							9/11/2008 0000		5.74	2000.52	0.00	2,000.52	
MNW							10/16/2008 0000		5.69	2000.57	0.00	2,000.57	
MNW							11/25/2008 0000		1.14	2005.12	0.00	2,005.12	
MNW							2/12/2009 0000		0.19	2006.07	0.00	2,006.07	
MNW							4/9/2009 0000		0.18	2006.08	0.00	2,006.08	
MNW							7/9/2009 0000		3.09	2003.17	0.00	2,003.17	
MNW							10/29/2009 0000		1.4	2004.86	0.00	2,004.86	
MNW							1/21/2010 0000		0.76	2005.50	0.00	2,005.50	
MNW							5/27/2010 0000		3.17	2003.09	0.00	2,003.09	
MNW							7/25/2011 0000		6.33	1999.93	0.00	1,999.93	
MNW							5/31/2012 0000		1.88	2004.38	0.00	2,004.38	
MNW							7/3/2013 0000		4.3	2001.96	0.00	2,001.96	
MNW							5/18/2014 0000		0.79	2005.47	0.00	2,005.47	
MNW							7/15/2015 0000		1.83	2004.43	0.00	2,004.43	
MW-11	978340.5964	592466.9970	2024.01	2027.08	2026.92	A		0					
MNW							6/4/2004 1559		0.6	2023.41	0.00	2,023.41	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							6/7/2004 1132		1.18	2022.83	0.00	2,022.83	
MNW							6/10/2004 1000		1.74	2022.27	0.00	2,022.27	
MNW							6/14/2004 1529		2.21	2021.80	0.00	2,021.80	
MNW							6/25/2004 0820		2.77	2021.24	0.00	2,021.24	
MNW							8/8/2004 0840		1.73	2022.28	0.00	2,022.28	
MNW							2/9/2005 0000		0.16	2023.85	0.00	2,023.85	
MNW							1/11/2007 0000		0.26	2023.75	0.00	2,023.75	
MNW							4/5/2007 0000		0.41	2023.60	0.00	2,023.60	
MNW							7/11/2007 0000		3.35	2020.66	0.00	2,020.66	
MNW							10/11/2007 0000		6.38	2017.63	0.00	2,017.63	
MNW							1/8/2008 0000		0.71	2023.30	0.00	2,023.30	
MNW							4/16/2008 0000		0.92	2023.09	0.00	2,023.09	
MNW							6/10/2008 0000		3.04	2020.97	0.00	2,020.97	
MNW							7/10/2008 0000		1.78	2022.23	0.00	2,022.23	
MNW							9/11/2008 0000		3.38	2020.63	0.00	2,020.63	
MNW							10/16/2008 0000		1.39	2022.62	0.00	2,022.62	
MNW							11/25/2008 0000		0.76	2023.25	0.00	2,023.25	
MNW							2/12/2009 0000		0.02	2023.99	0.00	2,023.99	
MNW							4/9/2009 0000		0.38	2023.63	0.00	2,023.63	
MNW							7/9/2009 0000		1.47	2022.54	0.00	2,022.54	
MNW							10/29/2009 0000		0.51	2023.50	0.00	2,023.50	
MNW							1/21/2010 0000		0.89	2023.12	0.00	2,023.12	
MNW							5/27/2010 0000		1.75	2022.26	0.00	2,022.26	
MNW							7/25/2011 0000		3.84	2020.17	0.00	2,020.17	
MNW							5/31/2012 0000		0.87	2023.14	0.00	2,023.14	
MNW							7/3/2013 0000		0.99	2023.02	0.00	2,023.02	
MNW							5/18/2014 0000		5.09	2018.92	0.00	2,018.92	
MNW							7/15/2015 0000		0.02	2023.99	0.00	2,023.99	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-12	978338.5912	592597.3441	2015.67	2018.84	2018.68	A		0					
MNW							6/4/2004 1602		3.85	2011.82	0.00	2,011.82	
MNW							6/7/2004 1134		5	2010.67	0.00	2,010.67	
MNW							6/10/2004 0900		5.26	2010.41	0.00	2,010.41	
MNW							6/14/2004 1543		5.83	2009.84	0.00	2,009.84	
MNW							6/25/2004 0816		6.3	2009.37	0.00	2,009.37	
MNW							8/8/2004 0842		5.96	2009.71	0.00	2,009.71	
MNW							2/9/2005 0000		3.74	2011.93	0.00	2,011.93	
MNW							1/11/2007 0000		4.5	2011.17	0.00	2,011.17	
MNW							4/5/2007 0000		4.08	2011.59	0.00	2,011.59	
MNW							7/11/2007 0000		6.93	2008.74	0.00	2,008.74	
MNW							10/11/2007 0000		8.57	2007.10	0.00	2,007.10	
MNW							1/8/2008 0000		3.89	2011.78	0.00	2,011.78	
MNW							4/16/2008 0000		4.27	2011.40	0.00	2,011.40	
MNW							6/10/2008 0000		6.56	2009.11	0.00	2,009.11	
MNW							7/10/2008 0000		6.24	2009.43	0.00	2,009.43	
MNW							9/11/2008 0000		6.95	2008.72	0.00	2,008.72	
MNW							10/16/2008 0000		6.53	2009.14	0.00	2,009.14	
MNW							11/25/2008 0000		5.44	2010.23	0.00	2,010.23	
MNW							2/12/2009 0000		3.27	2012.40	0.00	2,012.40	
MNW							4/9/2009 0000		3.79	2011.88	0.00	2,011.88	
MNW							7/9/2009 0000		5.95	2009.72	0.00	2,009.72	
MNW							10/29/2009 0000		5.57	2010.10	0.00	2,010.10	
MNW							1/21/2010 0000		5.51	2010.16	0.00	2,010.16	
MNW							5/27/2010 0000		5.6	2010.07	0.00	2,010.07	
MNW							7/25/2011 0000		7.23	2008.44	0.00	2,008.44	
MNW							5/31/2012 0000		5.78	2009.89	0.00	2,009.89	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							7/3/2013 0000		6.01	2009.66	0.00	2,009.66	
MNW							5/18/2014 0000		4.71	2010.96	0.00	2,010.96	
MNW							7/15/2015 0000		4.91	2010.76	0.00	2,010.76	
MW-13	978334.5807	592741.7286	2007.13	2010.23	2010.06	A		0					
MNW							6/4/2004 1604		3.64	2003.49	0.00	2,003.49	
MNW							6/7/2004 1136		3.83	2003.30	0.00	2,003.30	
MNW							6/9/2004 0800		3.82	2003.31	0.00	2,003.31	
MNW							6/14/2004 1545		4.17	2002.96	0.00	2,002.96	
MNW							6/25/2004 0812		4.39	2002.74	0.00	2,002.74	
MNW							8/8/2004 0846		4.05	2003.08	0.00	2,003.08	
MNW							2/9/2005 0000		1.99	2005.14	0.00	2,005.14	
MNW							1/11/2007 0000		1.45	2005.68	0.00	2,005.68	
MNW							4/5/2007 0000		2.41	2004.72	0.00	2,004.72	
MNW							7/11/2007 0000		4.75	2002.38	0.00	2,002.38	
MNW							10/11/2007 0000		5.68	2001.45	0.00	2,001.45	
MNW							1/8/2008 0000		0.46	2006.67	0.00	2,006.67	
MNW							4/16/2008 0000		3.32	2003.81	0.00	2,003.81	
MNW							6/10/2008 0000		5.06	2002.07	0.00	2,002.07	
MNW							7/10/2008 0000		4.68	2002.45	0.00	2,002.45	
MNW							9/11/2008 0000		4.88	2002.25	0.00	2,002.25	
MNW							10/16/2008 0000		1.1	2006.03	0.00	2,006.03	
MNW							11/25/2008 0000		3.62	2003.51	0.00	2,003.51	
MNW							2/12/2009 0000		0.39	2006.74	0.00	2,006.74	
MNW							4/9/2009 0000		0.7	2006.43	0.00	2,006.43	
MNW							7/9/2009 0000		4.32	2002.81	0.00	2,002.81	
MNW							10/29/2009 0000		6.05	2001.08	0.00	2,001.08	
MNW							1/21/2010 0000		3.29	2003.84	0.00	2,003.84	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							5/27/2010 0000		4.7	2002.43	0.00	2,002.43	
MNW							7/25/2011 0000		5.53	2001.60	0.00	2,001.60	
MNW							5/31/2012 0000		2.85	2004.28	0.00	2,004.28	
MNW							7/3/2013 0000		4.82	2002.31	0.00	2,002.31	
MNW							5/18/2014 0000		2.18	2004.95	0.00	2,004.95	
MNW							7/15/2015 0000		1.58	2005.55	0.00	2,005.55	
MW-14	978464.9225	592765.7927	2005.22	2008.34	2008.16	A		0					
MNW							6/4/2004 1550		1.87	2003.35	0.00	2,003.35	
MNW							6/7/2004 1117		2.5	2002.72	0.00	2,002.72	
MNW							6/10/2004 0950		2.91	2002.31	0.00	2,002.31	
MNW							6/14/2004 1523		3.86	2001.36	0.00	2,001.36	
MNW							6/25/2004 0804		5.29	1999.93	0.00	1,999.93	
MNW							8/8/2004 0834		3.28	2001.94	0.00	2,001.94	
MNW							2/9/2005 0000		0.41	2004.81	0.00	2,004.81	
MNW							1/11/2007 0000		0.5	2004.72	0.00	2,004.72	
MNW							4/5/2007 0000		1.17	2004.05	0.00	2,004.05	
MNW							7/11/2007 0000		4.02	2001.20	0.00	2,001.20	
MNW							10/11/2007 0000		6.89	1998.33	0.00	1,998.33	
MNW							1/8/2008 0000		0.87	2004.35	0.00	2,004.35	
MNW							4/16/2008 0000		1.78	2003.44	0.00	2,003.44	
MNW							6/10/2008 0000		3.77	2001.45	0.00	2,001.45	
MNW							7/10/2008 0000		3.36	2001.86	0.00	2,001.86	
MNW							9/11/2008 0000		3.78	2001.44	0.00	2,001.44	
MNW							10/16/2008 0000		4.22	2001.00	0.00	2,001.00	
MNW							11/25/2008 0000		2.3	2002.92	0.00	2,002.92	
MNW							2/12/2009 0000		0.27	2004.95	0.00	2,004.95	
MNW							4/9/2009 0000		0.65	2004.57	0.00	2,004.57	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							7/9/2009 0000		2.74	2002.48	0.00	2,002.48	
MNW							10/29/2009 0000		1.33	2003.89	0.00	2,003.89	
MNW							1/21/2010 0000		1.18	2004.04	0.00	2,004.04	
MNW							5/27/2010 0000		2.42	2002.80	0.00	2,002.80	
MNW							7/25/2011 0000		4.46	2000.76	0.00	2,000.76	
MNW							5/31/2012 0000		2.7	2002.52	0.00	2,002.52	
MNW							7/3/2013 0000		3.47	2001.75	0.00	2,001.75	
MNW							5/18/2014 0000		1.08	2004.14	0.00	2,004.14	
MNW							7/15/2015 0000		1.46	2003.76	0.00	2,003.76	
MW-15	978457.9041	592600.3521	2016.62	2019.75	2019.59	A		0					
MNW							6/4/2004 1553		4.88	2011.74	0.00	2,011.74	
MNW							6/7/2004 1119		5.35	2011.27	0.00	2,011.27	
MNW							6/10/2004 1215		5.57	2011.05	0.00	2,011.05	
MNW							6/14/2004 1525		6.12	2010.50	0.00	2,010.50	
MNW							6/25/2004 0800		6.6	2010.02	0.00	2,010.02	
MNW							8/8/2004 0836		6.3	2010.32	0.00	2,010.32	
MNW							2/9/2005 0000		3.89	2012.73	0.00	2,012.73	
MNW							1/11/2007 0000		4.67	2011.95	0.00	2,011.95	
MNW							4/5/2007 0000		4.34	2012.28	0.00	2,012.28	
MNW							7/11/2007 0000		7.33	2009.29	0.00	2,009.29	
MNW							10/11/2007 0000		9.02	2007.60	0.00	2,007.60	
MNW							1/8/2008 0000		4.21	2012.41	0.00	2,012.41	
MNW							4/16/2008 0000		4.55	2012.07	0.00	2,012.07	
MNW							6/10/2008 0000		6.86	2009.76	0.00	2,009.76	
MNW							7/10/2008 0000		6.58	2010.04	0.00	2,010.04	
MNW							9/11/2008 0000		7.33	2009.29	0.00	2,009.29	
MNW							10/16/2008 0000		7.04	2009.58	0.00	2,009.58	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							11/25/2008 0000		5.84	2010.78	0.00	2,010.78	
MNW							2/12/2009 0000		3.45	2013.17	0.00	2,013.17	
MNW							4/9/2009 0000		4.2	2012.42	0.00	2,012.42	
MNW							7/9/2009 0000		6.34	2010.28	0.00	2,010.28	
MNW							10/29/2009 0000		2.2	2014.42	0.00	2,014.42	
MNW							1/21/2010 0000		5.94	2010.68	0.00	2,010.68	
MNW							5/27/2010 0000		5.94	2010.68	0.00	2,010.68	
MNW							7/25/2011 0000		7.61	2009.01	0.00	2,009.01	
MNW							5/31/2012 0000		6.13	2010.49	0.00	2,010.49	
MNW							7/3/2013 0000		6.35	2010.27	0.00	2,010.27	
MNW							5/18/2014 0000		5.21	2011.41	0.00	2,011.41	
MNW							7/15/2015 0000		2.37	2014.25	0.00	2,014.25	
MW-16	978467.9303	592445.9410	2026.75	2029.83	2029.66	A		0					
MNW							6/4/2004 1556		5.2	2021.55	0.00	2,021.55	
MNW							6/7/2004 1121		5.82	2020.93	0.00	2,020.93	
MNW							6/10/2004 1420		6.17	2020.58	0.00	2,020.58	
MNW							6/14/2004 1522		7.26	2019.49	0.00	2,019.49	
MNW							6/25/2004 0755		7.95	2018.80	0.00	2,018.80	
MNW							8/8/2004 0838		7.88	2018.87	0.00	2,018.87	
MNW							2/9/2005 0000		4.5	2022.25	0.00	2,022.25	
MNW							1/11/2007 0000		5.05	2021.70	0.00	2,021.70	
MNW							4/5/2007 0000		5	2021.75	0.00	2,021.75	
MNW							7/11/2007 0000		9.24	2017.51	0.00	2,017.51	
MNW							10/11/2007 0000		14.2	2012.55	0.00	2,012.55	
MNW							1/8/2008 0000		3.81	2022.94	0.00	2,022.94	
MNW							4/16/2008 0000		5.38	2021.37	0.00	2,021.37	
MNW							6/10/2008 0000		8.08	2018.67	0.00	2,018.67	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							7/10/2008 0000		7.86	2018.89	0.00	2,018.89	
MNW							9/11/2008 0000		8.72	2018.03	0.00	2,018.03	
MNW							10/16/2008 0000		9.21	2017.54	0.00	2,017.54	
MNW							11/25/2008 0000		7	2019.75	0.00	2,019.75	
MNW							2/12/2009 0000		3.9	2022.85	0.00	2,022.85	
MNW							4/9/2009 0000		4.82	2021.93	0.00	2,021.93	
MNW							7/9/2009 0000		7.17	2019.58	0.00	2,019.58	
MNW							10/29/2009 0000		7.53	2019.22	0.00	2,019.22	
MNW							1/21/2010 0000		6.14	2020.61	0.00	2,020.61	
MNW							5/27/2010 0000		6.58	2020.17	0.00	2,020.17	
MNW							7/25/2011 0000		9.74	2017.01	0.00	2,017.01	
MNW							5/31/2012 0000		6.51	2020.24	0.00	2,020.24	
MNW							7/3/2013 0000		6.92	2019.83	0.00	2,019.83	
MNW							5/18/2014 0000		4.74	2022.01	0.00	2,022.01	
MNW							7/15/2015 0000		5.42	2021.33	0.00	2,021.33	
MW-17	978446.8751	592377.7594	2029.76	2032.83	2032.67	A		0					
MNW							6/4/2004 1610		5.39	2024.37	0.00	2,024.37	
MNW							6/7/2004 1140		6.22	2023.54	0.00	2,023.54	
MNW							6/11/2004 1240		7.01	2022.75	0.00	2,022.75	
MNW							6/14/2004 1552		6.6	2023.16	0.00	2,023.16	
MNW							6/25/2004 0827		7.7	2022.06	0.00	2,022.06	
MNW							8/8/2004 0842		6.77	2022.99	0.00	2,022.99	
MNW							2/9/2005 0000		1.39	2028.37	0.00	2,028.37	
MNW							1/11/2007 0000		3	2026.76	0.00	2,026.76	
MNW							4/5/2007 0000		4.93	2024.83	0.00	2,024.83	
MNW							7/11/2007 0000		8.85	2020.91	0.00	2,020.91	
MNW							10/11/2007 0000		10.5	2019.26	0.00	2,019.26	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							1/8/2008 0000		2.16	2027.60	0.00	2,027.60	
MNW							4/16/2008 0000		3.51	2026.25	0.00	2,026.25	
MNW							6/10/2008 0000		8.1	2021.66	0.00	2,021.66	
MNW							7/10/2008 0000		7.25	2022.51	0.00	2,022.51	
MNW							9/11/2008 0000		8.11	2021.65	0.00	2,021.65	
MNW							10/16/2008 0000		8.12	2021.64	0.00	2,021.64	
MNW							11/25/2008 0000		3.18	2026.58	0.00	2,026.58	
MNW							2/12/2009 0000		1.48	2028.28	0.00	2,028.28	
MNW							4/9/2009 0000		2.49	2027.27	0.00	2,027.27	
MNW							7/9/2009 0000		6.54	2023.22	0.00	2,023.22	
MNW							10/29/2009 0000		2.46	2027.30	0.00	2,027.30	
MNW							1/21/2010 0000		4.65	2025.11	0.00	2,025.11	
MNW							5/27/2010 0000		5.98	2023.78	0.00	2,023.78	
MNW							7/25/2011 0000		8.81	2020.95	0.00	2,020.95	
MNW							5/31/2012 0000		5.69	2024.07	0.00	2,024.07	
MNW							7/3/2013 0000		6.69	2023.07	0.00	2,023.07	
MNW							5/18/2014 0000		2.31	2027.45	0.00	2,027.45	
MNW							7/15/2015 0000		3.16	2026.60	0.00	2,026.60	
MW-18	978548.1407	592379.7648	2031.86	2034.93	2034.81	A		0					
MNW							6/4/2004 1612		4.96	2026.90	0.00	2,026.90	
MNW							6/7/2004 1142		6.25	2025.61	0.00	2,025.61	
MNW							6/11/2004 1325		7.07	2024.79	0.00	2,024.79	
MNW							6/14/2004 1550		7.81	2024.05	0.00	2,024.05	
MNW							6/25/2004 0833		9.14	2022.72	0.00	2,022.72	
MNW							8/8/2004 0850		7.12	2024.74	0.00	2,024.74	
MNW							2/9/2005 0000		2.55	2029.31	0.00	2,029.31	
MNW							1/11/2007 0000		2.44	2029.42	0.00	2,029.42	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							4/5/2007 0000		3.5	2028.36	0.00	2,028.36	
MNW							7/11/2007 0000		9.66	2022.20	0.00	2,022.20	
MNW							10/11/2007 0000		11.19	2020.67	0.00	2,020.67	
MNW							1/8/2008 0000		3.69	2028.17	0.00	2,028.17	
MNW							4/16/2008 0000		3	2028.86	0.00	2,028.86	
MNW							6/10/2008 0000		9.19	2022.67	0.00	2,022.67	
MNW							7/10/2008 0000		7.33	2024.53	0.00	2,024.53	
MNW							9/11/2008 0000		9.14	2022.72	0.00	2,022.72	
MNW							10/16/2008 0000		9.17	2022.69	0.00	2,022.69	
MNW							11/25/2008 0000		2.91	2028.95	0.00	2,028.95	
MNW							2/12/2009 0000		2.01	2029.85	0.00	2,029.85	
MNW							4/9/2009 0000		2.36	2029.50	0.00	2,029.50	
MNW							7/9/2009 0000		3.72	2028.14	0.00	2,028.14	
MNW							10/29/2009 0000		2.33	2029.53	0.00	2,029.53	
MNW							1/21/2010 0000		2.95	2028.91	0.00	2,028.91	
MNW							5/27/2010 0000		4.04	2027.82	0.00	2,027.82	
MNW							7/25/2011 0000		8.56	2023.30	0.00	2,023.30	
MNW							5/31/2012 0000		2.56	2029.30	0.00	2,029.30	
MNW							7/3/2013 0000		4.89	2026.97	0.00	2,026.97	
MNW							5/18/2014 0000		1.43	2030.43	0.00	2,030.43	
MNW							7/15/2015 0000		2.02	2029.84	0.00	2,029.84	
MW-19	978683.0834	592632.8136	2018.78	2021.78	2021.63	A		0					
MNW							6/4/2004 0000		NM	-	0.00	-	
MNW							6/7/2004 1114		7.46	2011.32	0.00	2,011.32	
MNW							6/8/2004 1330		7.49	2011.29	0.00	2,011.29	
MNW							6/14/2004 1539		8.64	2010.14	0.00	2,010.14	
MNW							6/25/2004 0750		9.99	2008.79	0.00	2,008.79	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							8/8/2004 0823		9.78	2009.00	0.00	2,009.00	
MNW							2/9/2005 0000		8.42	2010.36	0.00	2,010.36	
MNW							1/11/2007 0000		6.19	2012.59	0.00	2,012.59	
MNW							4/5/2007 0000		6.33	2012.45	0.00	2,012.45	
MNW							7/11/2007 0000		11.28	2007.50	0.00	2,007.50	
MNW							10/11/2007 0000		12.91	2005.87	0.00	2,005.87	
MNW							1/8/2008 0000		4.96	2013.82	0.00	2,013.82	
MNW							4/16/2008 0000		6.13	2012.65	0.00	2,012.65	
MNW							6/10/2008 0000		10.43	2008.35	0.00	2,008.35	
MNW							7/10/2008 0000		10.53	2008.25	0.00	2,008.25	
MNW							10/16/2008 0000		11.54	2007.24	0.00	2,007.24	
MNW							2/12/2009 0000		5.07	2013.71	0.00	2,013.71	
MNW							4/9/2009 0000		5.92	2012.86	0.00	2,012.86	
MNW							7/9/2009 0000		10.12	2008.66	0.00	2,008.66	
MNW							10/29/2009 0000		10.43	2008.35	0.00	2,008.35	
MNW							1/21/2010 0000		8.37	2010.41	0.00	2,010.41	
MNW							5/27/2010 0000		7.74	2011.04	0.00	2,011.04	
MNW							7/25/2011 0000		11.43	2007.35	0.00	2,007.35	
MNW							5/31/2012 0000		8.98	2009.80	0.00	2,009.80	
MNW							7/3/2013 0000		8.65	2010.13	0.00	2,010.13	
MNW							5/18/2014 0000		6.47	2012.31	0.00	2,012.31	
MNW							7/15/2015 0000		7.37	2011.41	0.00	2,011.41	
MW-20	978782.8374	592761.2151	1999.67	2002.65	2002.47	A		0					
MNW							6/4/2004 1507		0.28	1999.39	0.00	1,999.39	
MNW							6/7/2004 1111		0.34	1999.33	0.00	1,999.33	
MNW							6/11/2004 1155		0.32	1999.35	0.00	1,999.35	
MNW							6/14/2004 1516		0.5	1999.17	0.00	1,999.17	

NM - No Measurement

Type:
MNW Monitoring Well

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TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							6/25/2004 0742		0.83	1998.84	0.00	1,998.84	
MNW							8/8/2004 0826		1.06	1998.61	0.00	1,998.61	
MNW							2/9/2005 0000		0.35	1999.32	0.00	1,999.32	
MNW							1/11/2007 0000		NM	-	NM	-	
MNW							4/5/2007 0000		0.16	1999.51	0.00	1,999.51	
MNW							7/11/2007 0000		0.49	1999.18	0.00	1,999.18	
MNW							10/11/2007 0000		6.3	1993.37	0.00	1,993.37	
MNW							1/8/2008 0000		0.41	1999.26	0.00	1,999.26	
MNW							4/16/2008 0000		0.16	1999.51	0.00	1,999.51	
MNW							7/10/2008 0000		0.65	1999.02	0.00	1,999.02	
MNW							10/16/2008 0000		0.13	1999.54	0.00	1,999.54	
MNW							2/12/2009 0000		0.04	1999.63	0.00	1,999.63	
MNW							4/9/2009 0000		0.07	1999.60	0.00	1,999.60	
MNW							7/9/2009 0000		0.89	1998.78	0.00	1,998.78	
MNW							10/29/2009 0000		0.19	1999.48	0.00	1,999.48	
MNW							1/21/2010 0000		0.26	1999.41	0.00	1,999.41	
MNW							5/27/2010 0000		0.76	1998.91	0.00	1,998.91	
MNW							7/25/2011 0000		3.01	1996.66	0.00	1,996.66	
MNW							5/31/2012 0000		0.23	1999.44	0.00	1,999.44	
MNW							7/3/2013 0000		0.23	1999.44	0.00	1,999.44	
MNW							5/18/2014 0000		0.13	1999.54	0.00	1,999.54	
MNW							7/15/2015 0000		0.03	1999.64	0.00	1,999.64	
MW-21	978790.7387	592569.6006	2022.22	2025.21	2025.10	A		0					
MNW							6/4/2004 1502		10.32	2011.90	0.00	2,011.90	
MNW							6/7/2004 1108		10.65	2011.57	0.00	2,011.57	
MNW							6/8/2004 1450		10.77	2011.45	0.00	2,011.45	
MNW							6/14/2004 1517		10.99	2011.23	0.00	2,011.23	

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							6/25/2004 0737		11.17	2011.05	0.00	2,011.05	
MNW							8/8/2004 0824		10.61	2011.61	0.00	2,011.61	
MNW							2/9/2005 0000		10.99	2011.23	0.00	2,011.23	
MNW							1/11/2007 0000		9.81	2012.41	0.00	2,012.41	
MNW							4/5/2007 0000		9.74	2012.48	0.00	2,012.48	
MNW							7/11/2007 0000		11.82	2010.40	0.00	2,010.40	
MNW							10/11/2007 0000		13.16	2009.06	0.00	2,009.06	
MNW							1/8/2008 0000		9.21	2013.01	0.00	2,013.01	
MNW							4/16/2008 0000		9.76	2012.46	0.00	2,012.46	
MNW							7/10/2008 0000		10.75	2011.47	0.00	2,011.47	
MNW							10/16/2008 0000		11.69	2010.53	0.00	2,010.53	
MNW							2/12/2009 0000		8.77	2013.45	0.00	2,013.45	
MNW							4/9/2009 0000		9.6	2012.62	0.00	2,012.62	
MNW							7/9/2009 0000		10.48	2011.74	0.00	2,011.74	
MNW							10/29/2009 0000		11.39	2010.83	0.00	2,010.83	
MNW							1/21/2010 0000		11.02	2011.20	0.00	2,011.20	
MNW							5/27/2010 0000		10.72	2011.50	0.00	2,011.50	
MNW							7/25/2011 0000		11.44	2010.78	0.00	2,010.78	
MNW							5/31/2012 0000		10.68	2011.54	0.00	2,011.54	
MNW							7/3/2013 0000		11.15	2011.07	0.00	2,011.07	
MNW							5/18/2014 0000		9.99	2012.23	0.00	2,012.23	
MNW							7/15/2015 0000		10.52	2011.70	0.00	2,011.70	
MW-22	978974.0795	592610.2009	2009.99	2013.08	2012.96	A		0					
MNW							6/4/2004 1450		13.94	1996.05	0.00	1,996.05	
MNW							6/7/2004 1101		14	1995.99	0.00	1,995.99	
MNW							6/11/2004 1055		14.06	1995.93	0.00	1,995.93	
MNW							6/14/2004 1508		14.14	1995.85	0.00	1,995.85	

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							6/25/2004 0726		14.18	1995.81	0.00	1,995.81	
MNW							8/8/2004 0830		14.15	1995.84	0.00	1,995.84	
MNW							2/9/2005 0000		13.68	1996.31	0.00	1,996.31	
MNW							1/11/2007 0000		13.25	1996.74	0.00	1,996.74	
MNW							4/5/2007 0000		12.52	1997.47	0.00	1,997.47	
MNW							7/11/2007 0000		14.21	1995.78	0.00	1,995.78	
MNW							10/11/2007 0000		14.37	1995.62	0.00	1,995.62	
MNW							1/8/2008 0000		13.25	1996.74	0.00	1,996.74	
MNW							4/16/2008 0000		11.12	1998.87	0.00	1,998.87	
MNW							7/10/2008 0000		14.12	1995.87	0.00	1,995.87	
MNW							10/16/2008 0000		13.94	1996.05	0.00	1,996.05	
MNW							2/12/2009 0000		13.47	1996.52	0.00	1,996.52	
MNW							4/9/2009 0000		11.04	1998.95	0.00	1,998.95	
MNW							7/9/2009 0000		13.55	1996.44	0.00	1,996.44	
MNW							10/29/2009 0000		13.42	1996.57	0.00	1,996.57	
MNW							1/21/2010 0000		13.24	1996.75	0.00	1,996.75	
MNW							5/27/2010 0000		9.19	2000.80	0.00	2,000.80	
MNW							7/25/2011 0000		9.38	2000.61	0.00	2,000.61	
MNW							5/31/2012 0000		3.73	2006.26	0.00	2,006.26	
MNW							7/3/2013 0000		3.88	2006.11	0.00	2,006.11	
MNW							5/18/2014 0000		2.22	2007.77	0.00	2,007.77	
MNW							7/15/2015 0000		4.24	2005.75	0.00	2,005.75	
MW-23	979083.4516	592505.1994	2014.78	2017.75	2017.57	A		0					
MNW							6/4/2004 1445		2.61	2012.17	0.00	2,012.17	
MNW							6/7/2004 1439		3.1	2011.68	0.00	2,011.68	
MNW							6/14/2004 1505		4.82	2009.96	0.00	2,009.96	
MNW							6/25/2004 0718		8.07	2006.71	0.00	2,006.71	

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
WYOMING COUNTY FIRE TRAINING CENTER

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Specific Gravity	Depth to Water (ft) From Gnd.	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MNW							8/8/2004 0811		4.85	2009.93	0.00	2,009.93	
MNW							2/9/2005 0000		1.03	2013.75	0.00	2,013.75	
MNW							1/11/2007 0000		1.89	2012.89	0.00	2,012.89	
MNW							4/5/2007 0000		2.46	2012.32	0.00	2,012.32	
MNW							7/11/2007 0000		7.55	2007.23	0.00	2,007.23	
MNW							10/11/2007 0000		12.39	2002.39	0.00	2,002.39	
MNW							1/8/2008 0000		3.72	2011.06	0.00	2,011.06	
MNW							4/16/2008 0000		3.82	2010.96	0.00	2,010.96	
MNW							7/10/2008 0000		7.23	2007.55	0.00	2,007.55	
MNW							10/16/2008 0000		9.15	2005.63	0.00	2,005.63	
MNW							2/12/2009 0000		0.87	2013.91	0.00	2,013.91	
MNW							4/9/2009 0000		1.24	2013.54	0.00	2,013.54	
MNW							7/9/2009 0000		3.07	2011.71	0.00	2,011.71	
MNW							10/29/2009 0000		2.97	2011.81	0.00	2,011.81	
MNW							1/21/2010 0000		2.2	2012.58	0.00	2,012.58	
MNW							5/27/2010 0000		2.54	2012.24	0.00	2,012.24	
MNW							7/25/2011 0000		9.82	2004.96	0.00	2,004.96	
MNW							5/31/2012 0000		2.95	2011.83	0.00	2,011.83	
MNW							7/3/2013 0000		4	2010.78	0.00	2,010.78	
MNW							5/18/2014 0000		1.34	2013.44	0.00	2,013.44	
MNW							7/15/2015 0000		2.56	2012.22	0.00	2,012.22	
WEBER WELL MNW	978580.3664	592532.0678	2018.52		2018.52	A	8/8/2004 0830		8.23	2010.29	0.00		

NM - No Measurement

Type:
MNW Monitoring Well

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

FIGURES

N

NORTH POND

WYOMING COUNTY FIRE TRAINING CENTER FACILITY

FORMER ARGO PROPERTY

RANGE BUILDING

EARTHEN BERM

FIRING RANGE

REAR POND

APPROXIMATE SITE LIMITS

SCHELL POND

FORMER NORTH FIRE PIT

FORMER DRUM STORAGE AREA

FORMER SOUTH FIRE PIT

FORMER AIRPLANE FUSELAGE

FORMER AST

AGRO-1

FORMER WEBER PROPERTY

WEBER WELL

MAIN BUILDING

FRONT POND

SCHELL RESIDENCE

RESIDENCE

SPRING

WETHERSFIELD ROAD

BECKER RESIDENCE

CHAIN LINK FENCE

BECKER WELL

BECKER POND

OVERVIEW

SITE LOCATION

Legend

- Spring Location
- Residential Pumping Well
- Property Line

250 0 250 Feet

WYOMING COUNTY FIRE TRANING CENTER SITE PLAN

URS

FIGURE 1

J:\Projects\11172991.00000\DB\GIS\ArcMap\SITE PLAN.mxd 9/25/2015

N

NORTH POND

WYOMING COUNTY FIRE TRAINING CENTER

FORMER AGRO PROPERTY

LIMITS OF COUNTY PROPERTY

SHOOTING RANGE BUILDING

MW-05

REAR POND

MW-23

ROCK WELL2

SED-01/SW-01

MW-06

MW-22

MW-02

MW-01 (DESTROYED)

MW-08

SCHELL POND

SED-02/SW-02

CINDER BLOCK TRAINING CENTER

SB-03

SB-02

SB-04

SB-01

MW-03

MW-07

MW-21

MW-20

MW-04

MW-19

AGRO-1

MAIN BUILDING

DRIVEWAY

FRONT POND

MW-18

ROCK WELL1

MW-09 (DESTROYED)

FORMER WEBER PROPERTY

RESW-01

WEBER WELL

MW-10

SCHELL HOUSE

MW-16

MW-15

FORMER WEBER HOUSE

MW-14

SEEP

MW-17

DITCH

WETHERSFIELD ROAD

MW-11

MW-12

MW-13

SPRING

FORMER SUPPLY FROM SPRING

BECKER RESIDENCE

UNDERGROUND PIPE

BECKER WELL

POND INLET

BECKER POND

Legend

- Existing Monitoring Well
- Surface Water / Sediment Sample Location
- Spring Location
- Existing Water Supply Well
- Former Supply From Spring (Abandoned)
- Soil Boring Location
- Permeable Reactive Wall Location

200 0 200 Feet

WYOMING COUNTY FIRE TRAINING CENTER
MONITORING WELL, SURFACE WATER, SEDIMENT
AND GROUNDWATER SUPPLY LOCATION PLAN

URS

FIGURE 2

J:\Projects\11172991.00000\DB\GIS\ArcMap\MW_SURFACE WATER SAMPLING LOCATIONS (REVISED).mxd 9/24/2015

J:\Projects\11172991.00000\DB\GIS\ArcMap\GW CONTOUR MAP 051814.mxd 9/25/2015

N

WYOMING COUNTY FIRE TRAINING CENTER

SHOOTING RANGE BUILDING

CINDER BLOCK TRAINING CENTER

MAIN BUILDING

DRIVEWAY

REAR POND

FRONT POND

WETHERSFIELD ROAD

MW-05, 2021.32

MW-23, 2013.44

MW-06, 2016.83

MW-22, 2007.77

MW-02, 2,022.53

MW-08, 2014.43

MW-03, 2024.40

MW-07, 2020.64

MW-21, 2012.23

MW-20, 1999.54

MW-04, 2034.62

MW-19, 2012.31

MW-18, 2030.43

MW-10, 2005.47

MW-16, 2022.01

MW-15, 2011.41

MW-14, 2004.14

MW-17, 2027.45

MW-11, 2018.92

MW-12, 2010.96

MW-13, 2004.95

Legend

- Monitoring Well
- Groundwater Flow Direction
- 2028 Groundwater Elevation Contour
- 2028 Topographic Elevation Contour
- Permeable Reactive Wall Location
- MW-11, 2,020.17 (Well Location / Groundwater Elevation (ft))

90 0 90 Feet

URS

WYOMING COUNTY FIRE TRAINING CENTER
GROUNDWATER ELEVATION CONTOUR MAP (05/18/14)

FIGURE 3

J:\Projects\11172991.00000\DB\GIS\ArcMap\GW CONTOUR MAP 071515.mxd 9/25/2015

N

WYOMING COUNTY FIRE TRAINING CENTER

SHOOTING RANGE BUILDING

CINDER BLOCK TRAINING CENTER

MAIN BUILDING

DRIVEWAY

REAR POND

FRONT POND

WETHERSFIELD ROAD

MW-05, 2021.56

MW-23, 2012.22

MW-06, 2016.76

MW-22, 2005.75

MW-02, 2022.98

MW-08, 2014.28

MW-03, 2024.09

MW-07, 2020.50

MW-21, 2011.70

MW-20, 1999.64

MW-04, 2033.88

MW-19, 2011.41

MW-18, 2029.84

MW-10, 2004.43

MW-16, 2021.33

MW-15, 2014.25

MW-14, 2003.76

MW-17, 2026.60

MW-11, 2023.99

MW-12, 2010.76

MW-13, 2005.55

Legend

- Monitoring Well
- Groundwater Flow Direction
- 2028 Groundwater Elevation Contour
- 2028 Topographic Elevation Contour
- Permeable Reactive Wall Location
- MW-11, 2,020.17 (Well Location / Groundwater Elevation (ft))

90 0 90 Feet

URS

WYOMING COUNTY FIRE TRAINING CENTER
GROUNDWATER ELEVATION CONTOUR MAP (07/15/15)

FIGURE 4

APPENDIX A

SITE-WIDE INSPECTION FORMS

ENGINEERING CONTROL SYSTEMS INSPECTION FORMS

APPENDIX C

WYOMING COUNTY FIRE TRAINING CENTER – SITE MANAGEMENT PLAN

NYSDEC SITE NO. V-00604-9

SITE-WIDE INSPECTION FORM

Date: 7/15/15 **Inspector:** R. HENSCHEL

Weather: COOL - DRIZZLE **Signature:** Robert R Henschel

Temperature: 55-60° **Company:** URS/AECOM

Quarter: First Second Third Fourth (Circle One) ANNUAL

Item Inspected	Maintenance Needed (Y/N)	Comments
General Site Access	N	ALL ACCESS ROADS ARE IN GOOD CONDITION - PASSABLE WITH CAR
Soil Cover/Grass Cover	N	GRASS/WEEDS ARE VERY LUSH DUE TO CONSIDERABLE RAIN.
Monitoring Wells	Y	MW-11 AND MW-18 NEED REPAIR ON PVC PRO-CASING. ALL OTHER WELLS IN GOOD CONDITION
Treated Soil Disposal Area	N	NO SIGNS OF EROSION. HEAVILY GRASS COVERED
Drainage Swales/Channels	N	NO EXCESSIVE EROSION OR WASHOUTS.
North Permeable Reactive Wall	N	GOOD CONDITION - HEAVY GRASS/ WEED COVER. GOOD FLOW IN ROADSIDE DITCHES
South Permeable Reactive Wall	N	GOOD CONDITION - NO EROSION OR WASHOUT. HEAVY GRASS COVER

APPENDIX G

WYOMING COUNTY FIRE TRAINING CENTER – SITE MANAGEMENT PLAN

NYSDEC SITE NO. V-00604-9

ENGINEERING CONTROL SYSTEMS INSPECTION FORM

Component	Item	Condition
North Permeable Reactive Wall	Obvious subsidence, depressions or cracks Evidence of ponded water Stressed or missing vegetation Soil erosion due to surface runoff Animal burrows Piezometers Stone erosion control blanket (east end) Groundwater seepage from PRW Other:	- AREA IS DEVOID OF ANY LOW AREAS - WELL DRAINED, NO PONDING - HEAVILY GRASS/WEED COVERED - NO ERODED AREAS - NO ANIMAL BURROWS - 3 PIEZOMETERS ARE STILL INTACT - STONE DRAIN AT EAST END IS IN GOOD CONDITION W/NO EROSION - NO VISIBLE GW SEEPAGE EXCEPT FROM STONE DRAINAGE BLANKET
South Permeable Reactive Wall	Obvious subsidence, depressions or cracks Evidence of ponded water Stressed or missing vegetation Soil erosion due to surface runoff Animal burrows Groundwater seepage from PRW Other:	- AREA IS DEVOID OF ANY DEPRESSIONS - NO PONDED WATER - HEAVILY GRASS/WEED COVERED. NO STRESSING - NO EROSION OR DOWNCUTTING - NO ANIMAL BURROWS - NO VISIBLE GW SEEPAGE FROM SLOPE D/S OF PRW

Date: 7/15/15 **Inspector:** R. Henschel
R. HENSCHEL

PHOTOGRAPH LOG

Photo 3: North permeable reactive wall (looking east)

Photo 4: Gravel drainage area at east end of north permeable reactive wall.

APPENDIX C

WYOMING COUNTY FIRE TRAINING CENTER – SITE MANAGEMENT PLAN

NYSDEC SITE NO. V-00604-9

SITE-WIDE INSPECTION FORM

Date: 5/18/14 **Inspector:** R. HENSCHEL

Weather: SUNNY 60° **Signature:** R. Henschel

Temperature: 60° F **Company:** URS

Quarter: First Second Third Fourth
(Circle One) ANNUAL

Item Inspected	Maintenance Needed (Y/N)	Comments
General Site Access	N	ACCESS ROADS ARE IN GOOD CONDITION
Soil Cover/Grass Cover	N	GRASS IS WELL ESTABLISHED THICK & HEALTHY
Monitoring Wells	N	ALL WELLS IN GOOD COND. W/CAPS AND LOCKING COVERS
Treated Soil Disposal Area	N	NO SIGNS OF EROSION AREA 100% GRASS COVERED
Drainage Swales/Channels	N	ALL CLEAR - NO SIGNS OF EROSION
North Permeable Reactive Wall	N	GOOD - GRASS COVERED NO EROSION. WATER SEEPING INTO DITCH AT D/S END
South Permeable Reactive Wall	N	GOOD - GRASS COVERED - NO EROSION.

APPENDIX G

WYOMING COUNTY FIRE TRAINING CENTER – SITE MANAGEMENT PLAN

NYSDEC SITE NO. V-00604-9

ENGINEERING CONTROL SYSTEMS INSPECTION FORM

Component	Item	Condition
North Permeable Reactive Wall	Obvious subsidence, depressions or cracks Evidence of ponded water Stressed or missing vegetation Soil erosion due to surface runoff Animal burrows Piezometers Stone erosion control blanket (east end) Groundwater seepage from PRW Other:	THE PRW IS IN EXCELLENT CONDITION. 100% GRASS COVERED, WITH EXCEPTION OF COVERED AREA AT EAST END. NO SIGNS OF SETTLEMENT, EROSION OR OTHER DETERIORATION. MINOR SEEPAGE AT EAST END FROM GRAVEL INTO ROADSIDE DITCH - ABOUT 4-6" ABOVE BOTTOM OF DITCH
South Permeable Reactive Wall	Obvious subsidence, depressions or cracks Evidence of ponded water Stressed or missing vegetation Soil erosion due to surface runoff Animal burrows Groundwater seepage from PRW Other:	THE PRW IS IN EXCELLENT CONDITION. 100% GRASS COVERED. NO SIGNS OF SETTLEMENT OR EROSION.

Date: 5/18/14 **Inspector:** R. HENSCHEL

PHOTOGRAPH LOG

Photo 1: North permeable reactive wall (looking east).

Photo 2: Gravel drainage area at east end of north permeable reactive wall.

APPENDIX B

CERTIFICATION OF ENGINEERING AND INSTITUTIONAL CONTROLS

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **V00604**

Site Name **Wyoming County Fire Training Center**

Site Address: 3651 Wethersfield Road Zip Code: 14469-
City/Town: Wethersfield
County: Wyoming
Site Acreage: 1.4

Reporting Period: February 19, 2014 to September 05, 2015

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs/ECs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. V00604 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
107-2-32	County of Wyoming	Soil Management Plan Site Management Plan O&M Plan Ground Water Use Restriction Monitoring Plan Landuse Restriction

Since remaining contamination is present at this site, Engineering Controls and Institutional Controls have been implemented (Site Monitoring Plan) to protect public health and the environment for the applicable future use. Two Permeable Reactive Walls (North and South) are located offsite of the Controlled Property.
The site remedy requires that a Declaration of Covenants and Restrictions be placed on the property that will limit groundwater and land use, implement, maintain and monitor Engineering Controls, and prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination and limiting the future use and development of the site to commercial.

107-2-4.1	County of Wyoming	Building Use Restriction Ground Water Use Restriction

Area is identified as "Restricted Area Former Argo Property". Controls require that any future owner will carry out no activities which will interfere with any program at the adjacent Voluntary Site, adhere to groundwater and building restrictions, and will not interference with County's compliance with the Site Management Plan for the Voluntary site or with the groundwater monitoring wells present on this property.

107-2-4.2	County of Wyoming	Ground Water Use Restriction Building Use Restriction

Area is identified as "Restricted Area Former Weber Property". Controls require that any future owner will carry out no activities which will interfere with any program at the adjacent Voluntary Site, adhere to groundwater and building restrictions, and will not interference with County's compliance with the Site Management Plan for the Voluntary site or with the groundwater monitoring wells and North Permeable Reactive Wall present on this property.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
107-2-32	Cover System
107-2-4.2	Subsurface Barriers

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. V00604

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I ROBERT R. HENSCHEL (print name) at ON TARGET GEOENVIRONMENTAL SVCES, INC 1909 STALEY Rd, GRAND ISLAND, NY 14072 OTGS@roadrunner.com (print business address),

am certifying as QUALIFIED ENVIRONMENTAL PROFESSIONAL (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Robert R Henschel
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

10/5/15
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I ROBERT R. HENSCHEL (print name) at ON TARGET GEOENVIRONMENTAL SVCES, INC 1909 STANLEY RD, GRAND ISLAND, NY 14072 OTGS@roadrunner.com (print business address),

am certifying as a Qualified Environmental Professional for the COUNTY OF WYOMING (Owner or Remedial Party)

Robert R Henschel — Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

10/5/15 — Date

APPENDIX C

LOW FLOW GROUNDWATER PURGING/SAMPLING LOGS

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Well I.D.:** MW-02

Date: 07/15/15 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Purging/ Sampling Device: Low Flow Peristaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 2.66 Depth to Well Bottom: 12.89 Well Diameter: One-Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing (liters): 1.6 L Estimated Purge Volume (liters): 7.6 L

Sample ID: MW-02-07/15 Sample Time: 1040 QA/QC: None

Sample Parameters: TCL VOCs (Method 8260)

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)
1005	7.03	15.22	0.870	20.08	17.3	87	220	4.96
1010	6.97	13.94	0.836	2.77	11.6	45	220	5.53
1015	6.97	13.16	0.840	1.93	10.5	32	220	5.65
1020	6.95	12.94	0.837	1.94	11.9	37	220	5.80
1025	6.94	12.80	0.839	1.94	10.0	42	220	5.76
1030	6.93	12.87	0.842	1.86	9.2	46	220	5.78
1035	6.93	12.90	0.843	1.91	10.2	47.00	220	5.76
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

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

Comments:
1. No protective casing present around well.
2. PVC cap intact and in-place on PVC well riser.
3. Pump on at 1000

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Well I.D.:** MW-07

Date: 07/15/15 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Purging/ Sampling Device: Low Flow Peristaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 5.64 Depth to Well Bottom: 15.58 Well Diameter: One-Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing (liters): 1.5 L Estimated Purge Volume (liters): 7.6 L

Sample ID: MW-07-07/15 Sample Time: 1150 QA/QC: MS/SD

Sample Parameters: TCL VOCs (Method 8260)

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)
1112	6.10	13.20	0.091	12.52	59.3	115	210	8.35
1117	6.31	11.54	0.130	5.95	35.1	162	210	9.25
1122	6.69	11.03	0.223	5.17	25.1	153	240	9.48
1127	6.87	10.75	0.375	4.37	22.5	148	240	9.57
1132	6.95	10.59	0.459	3.82	19.0	145	240	9.59
1137	7.00	10.53	0.552	3.27	18.1	142	210	9.35
1142	7.03	10.43	0.599	2.86	17.8	140	210	9.25
1147	7.03	10.41	0.612	2.66	16.6	139	210	9.25
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 10**	**---**	

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

Comments:
1. Protective casing intact and secured.
2. J-plug intact and in place.
3. Pump on at 1109

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Well I.D.:** MW-12

Date: 07/15/15 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Purging/Sampling Device: Low Flow Peristaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 7.92 Depth to Well Bottom: 17.60 Well Diameter: One-Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing (liters): 1.5 L Estimated Purge Volume (liters): 7.6 L

Sample ID: MW-12-07/15 Sample Time: 1630 QA/QC: None

Sample Parameters: TCL VOCs (Method 8260)

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)
1556	6.79	15.55	0.220	3.37	179.0	116	220	8.00
1601	6.53	14.80	0.206	1.68	133.0	134	220	8.01
1606	6.51	14.63	0.204	1.28	102.0	138	220	8.01
1611	6.51	14.72	0.207	1.04	75.4	140	220	8.01
1616	6.51	14.74	0.209	0.93	62.9	142	220	8.01
1621	6.50	14.77	0.209	0.88	52.9	143	220	8.01
1626	6.50	14.83	0.210	0.83	48.8	144	220	8.01
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: 1. PVC cap intact and in place on well riser.
2. Pump on at 1554

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Well I.D.:** MW-14

Date: 07/15/15 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Purging/Sampling Device: Low Flow Peristaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 4.42 Depth to Well Bottom: 17.65 Well Diameter: One-Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing (liters): 2 L Estimated Purge Volume (liters): 7.6 L

Sample ID: MW-14-07/15 Sample Time: 1400 QA/QC: None

Sample Parameters: TCL VOCs (Method 8260)

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1320	7.08	13.10	0.431	4.68	478	96	160	5.04
1325	7.03	13.19	0.426	2.19	192	94	160	5.45
1330	6.97	13.58	0.417	1.87	42.7	97	160	6.45
1335	6.85	13.97	0.393	1.64	37.8	101	160	6.95
1340	6.75	14.02	0.366	1.46	42.3	108	150	7.49
1345	6.61	14.30	0.309	1.62	54.7	114	150	8.17
1350	6.54	14.50	0.287	1.76	71.9	123	150	9.90
1355	6.64	14.61	0.279	2.02	77.8	120	150	12.35
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: 1. PVC cap intact and in place on well riser.
2. Pump on at 1316

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Well I.D.:** MW-15

Date: 07/15/15 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Purging/ Sampling Device: Low Flow Peristaltic Pump Tubing Type: LDPE and Silicone Pump/Tubing Inlet Location: Midpoint of Screen

Measuring Point: TOIC Initial Depth to Water: 8.39 Depth to Well Bottom: 16.41 Well Diameter: One-Inch Screen Length: 10 feet

Casing Type: PVC Volume in 1 Well Casing (liters): 1.2 L Estimated Purge Volume (liters): 5 L

Sample ID: MW-15-07/15 Sample Time: 1505 QA/QC: None

Sample Parameters: TCL VOCs (Method 8260)

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)
1435	7.36	13.57	0.776	5.69	>1000	121	220	8.43
1440	7.36	11.99	0.790	3.10	70.8	121	220	8.44
1445	7.35	11.56	0.795	2.73	69.4	122	220	8.44
1450	7.35	11.44	0.797	2.61	62.8	121	220	8.44
1455	7.33	11.29	0.800	2.49	22.9	121	220	8.44
1500	7.33	11.19	0.802	2.35	16.5	120	220	8.44
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: 1. PVC cap intact and in place on well riser.
2. Pump on at 1432

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11172991 Site: Wyoming Cty F.T. Ctr. Well I.D.: MW-02

Date: 5/18/14 Sampling Personnel: John Boyd Company: URS

Purging/ Sampling Device: Low flow peristaltic pump Tubing Type: LDPE and silicone Pump/Tubing Inlet Location: Midpoint of screen

Measuring Point: TOIC Initial Depth to Water: 3.11 Depth to Well Bottom: 12.91 Well Diameter: _____ Screen Length: _____

Casing Type: PVC Volume in 1 Well Casing (liters): _____ Estimated Purge Volume (liters): 2.1 gals

Sample ID: MW-02-05/14 Sample Time: 1630 QA/QC: None

Sample Paramaters: TCL VOC

Other Information: Pump on @ 1556

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	SAL. (%)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1600	7.20	12.02	0.942	9.27	39.2	199	—	280	5.37
1605	7.23	10.86	0.928	2.01	86.6	192	—	250	5.70
1610	7.22	10.48	0.940	1.41	55.8	190	—	250	5.82
1615	7.23	10.18	0.949	1.30	48.1	192	—	250	5.94
1620	7.23	10.18	0.954	1.14	35.2	192	—	250	5.95
1625	7.22	10.23	0.958	1.04	18.0	192	—	250	5.95
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	+ or - 0.02	---	

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 ($vol_{cy} = \pi r^2 h$)

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11172991 Site: Wyoming Cty F.T. Ctr. Well I.D.: MW-07

Date: 5/18/14 Sampling Personnel: John Boyd Company: URS

Purging/ Sampling Device: Low flow peristaltic pump Tubing Type: LDPE and silicone Pump/Tubing Inlet Location: Midpoint of screen

Measuring Point: TOIC Initial Depth to Water: 5.50 Depth to Well Bottom: 15.55 Well Diameter: 1" Screen Length: 10'

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

Sample ID: MW-07-05/14 Sample Time: 1500 QA/QC: MS/SD

Sample Paramaters: TCL VOC

Other Information: Pump on at 1419

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	SAL. (%)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1421	5.87	12.24	0.072	17.81	39.2	273	—	230	8.41
1425	5.97	10.63	0.103	7.13	17.4	280	—	230	9.34
1430	6.63	9.99	0.215	5.89	14.8	265	—	230	9.48
1435	6.85	9.81	0.274	5.36	14.5	260	—	230	9.58
1440	7.03	9.78	0.339	4.71	10.8	253	—	220	9.35
1445	7.15	10.00	0.369	4.53	11.2	247	—	220	9.50
1450	7.17	9.92	0.398	4.36	10.1	244	—	220	9.58
1455	7.21	9.80	0.413	4.30	8.9	242		220	9.60
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	+ or - 0.02	---	

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

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11172991 Site: Wyoming Cty F.T. Ctr. Well I.D.: MW-12

Date: 5/18/14 Sampling Personnel: John Boyd Company: URS

Purging/ Sampling Device: Low flow peristaltic pump Tubing Type: LDPE and silicone Pump/Tubing Inlet Location: Midpoint of screen

Measuring Point: TOIC Initial Depth to Water: 7.72 Depth to Well Bottom: 17.60 Well Diameter: 1" Screen Length: 10'

Casing Type: PVC Volume in 1 Well Casing (liters): 1.5 L Estimated Purge Volume (liters): 1.2 gals

Sample ID: MW-12-05/14 Sample Time: 1250 QA/QC: None

Sample Paramaters: TCL VOC

Other Information: Pump on @ 1211

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	SAL. (%)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1215	7.17	9.15	0.150	16.92	5.7	203	—	250	7.83
1220	6.87	8.78	0.152	1.95	0.0	205	—	240	7.83
1225	6.84	8.59	0.152	1.07	0.0	204	—	240	7.83
1230	6.84	8.67	0.152	0.99	0.0	202	—	240	7.83
1235	6.83	8.64	0.152	0.73	2.97	201	—	240	7.83
1240	6.84	8.82	0.153	0.65	2.35	200	—	240	7.83
1245	6.84	8.79	0.152	0.66	2.65	200	—	240	7.83
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	+ or - 0.02	---	

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

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11172991 Site: Wyoming Cty F.T. Ctr. Well I.D.: MW-14

Date: 5/18/14 Sampling Personnel: John Boyd Company: URS

Purging/Sampling Device: Low flow peristaltic pump Tubing Type: LDPE and silicone Pump/Tubing Inlet Location: Midpoint of screen

Measuring Point: TOIC Initial Depth to Water: 4.02 Depth to Well Bottom: ~~4.02~~ 17.62 / 13.60 Well Diameter: 1" Screen Length: 10'

Casing Type: PVC Volume in 1 Well Casing (liters): 2.1 LITER Estimated Purge Volume (liters): 1.19 gal

Sample ID: MW-14-05/14 Sample Time: 1055 QA/QC: None

Sample Paramaters: TCL VOC

Other Information: pump on at 1027

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	SAL. (%)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1030	7.91	9.69	0.223	8.60	145	102	—	250	5.02
1035	7.41	9.98	0.186	2.67	317	118	—	200	5.38
1040	7.21	10.11	0.180	1.98	531	125	—	160	6.41
1045	7.14	10.11	0.187	1.99	545	130	—	160	6.96
1050	7.14	10.29	0.187	2.20	6.17	132	—	160	7.36
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	+ or - 0.02	---	

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

LOW FLOW GROUNDWATER PURGING/SAMPLING LOG

Project: 11172991 Site: Wyoming Cty F.T. Ctr. Well I.D.: MW-15

Date: 5/18/14 Sampling Personnel: John Boyd Company: URS

Purging/ Sampling Device: Low flow peristaltic pump Tubing Type: LDPE and silicone Pump/Tubing Inlet Location: Midpoint of screen

Measuring Point: TOIC Initial Depth to Water: 8.18 Depth to Well Bottom: 16.40 Well Diameter: 1" Screen Length: 10

Casing Type: PVC Volume in 1 Well Casing (liters): 1.3 L Estimated Purge Volume (liters): 2 gals

Sample ID: MW-15-05/14 Sample Time: 1155 QA/QC: None

Sample Paramaters: TCL VOC

Other Information: pump on @ 1118

PURGE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm) ✓	DISS. O_2 (mg/l)	TURB. (NTU)	Eh (mV)	SAL. (%)	FLOW RATE (ml/min.)	DEPTH TO WATER (btor)
1121	6.86	10.35	0.185	25.62	160	191	—	240	8.23
1125	6.79	9.46	0.330	7.58	117	200	—	200	8.23
1130	7.10	9.04	0.469	5.38	104	202		200	8.23
1135	7.17	9.06	0.478	5.04	79.7	202	—	200	8.23
1140	7.22	8.84	0.543	4.60	70.3	203	—	200	8.23
1145	7.25	8.84	0.541	4.47	56.8	203	—	200	8.23
1150	7.18	8.78	0.527	4.53	49.6	205	-	200	8.23
Tolerance:	0.1	---	3%	10%	10%	+ or - 10	+ or - 0.02	---	

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

APPENDIX D

RESIDENTIAL TAP WATER SAMPLING LOGS

RESIDENTIAL TAP WATER SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Location I.D.:** Becker Tap

Date: 07/15/15 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Sampling Device: 40 ml VOA Vial Material of Construction: Glass Pump/Tubing Inlet Location: NA

Measuring Point: NA Initial Depth to Water: NA Depth to Well Bottom: NA Well Diameter: NA Screen Length: NA

Casing Type: NA Volume in 1 Well Casing (gallons): NA Estimated Purge Volume (gallons): NA

Sample ID: BW-01-07/15 Sample Time: 1210 QA/QC: None

Sample Parameters: TCL VOCs (Method 524.2)

SAMPLE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	SALINITY (%)	Appearance
NM	NM	NM	NM	NM	NM	NM	Clear
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 0.02**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Residential tap water grab sample.
2. Sample collected from a tap in the basement of the residence as per the September 14, 2006 letter.
3. Resident ran water from well for 20 minutes before sample was collected. Sample collected from basement spigot.
4. NM=Not measured.

RESIDENTIAL TAP WATER SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Location I.D.:** Schell Tap

Date: 07/15/15 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Sampling Device: 40 ml VOA Vial Material of Construction: Glass Pump/Tubing Inlet Location: NA

Measuring Point: NA Initial Depth to Water: NA Depth to Well Bottom: NA Well Diameter: NA Screen Length: NA

Casing Type: NA Volume in 1 Well Casing (gallons): NA Estimated Purge Volume (gallons): NA

Sample ID: SW-01-07/15 Sample Time: 1315 QA/QC: None

Sample Parameters: TCL VOCs (Method 524.2)

SAMPLE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	SALINITY (%)	Appearance
NM	NM	NM	NM	NM	NM	NM	Clear
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 0.02**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Residential tap water grab sample.
2. The water sample was collected from the kitchen sink tap with the aerator removed and the water softener system disconnected. The tap was run for 15 minutes before the sample was collected.
3. NM=Not measured.

RESIDENTIAL TAP WATER SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Location I.D.:** Schell Tap

Date: 12/18/14 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Sampling Device: 40 ml VOA Vial Material of Construction: Glass Pump/Tubing Inlet Location: NA

Measuring Point: NA Initial Depth to Water: NA Depth to Well Bottom: NA Well Diameter: NA Screen Length: NA

Casing Type: NA Volume in 1 Well Casing (gallons): NA Estimated Purge Volume (gallons): NA

Sample ID: SW01-12/14 Sample Time: 1255 QA/QC: None

Sample Parameters: TCL VOCs (Method 524.2)

SAMPLE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	SALINITY (%)	Appearance
NM	NM	NM	NM	NM	NM	NM	Clear
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 0.02**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Residential tap water grab sample.
2. The water sample was collected from the kitchen sink tap with the aerator removed and the water softener system disconnected. The tap was run for 15 minutes before the sample was collected.
3. NM=Not measured.

RESIDENTIAL TAP WATER SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Location I.D.:** Becker Tap

Date: 12/18/14 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Sampling Device: 40 ml VOA Vial Material of Construction: Glass Pump/Tubing Inlet Location: NA

Measuring Point: NA Initial Depth to Water: NA Depth to Well Bottom: NA Well Diameter: NA Screen Length: NA

Casing Type: NA Volume in 1 Well Casing (gallons): NA Estimated Purge Volume (gallons): NA

Sample ID: BW01-12/14 Sample Time: 1310 QA/QC: None

Sample Parameters: TCL VOCs (Method 524.2)

SAMPLE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	SALINITY (%)	Appearance
NM	NM	NM	NM	NM	NM	NM	Clear
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 0.02**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Residential tap water grab sample.
2. Sample collected from a tap in the basement of the residence as per the September 14, 2006 letter.
3. Resident ran water from well for 20 minutes before sample was collected.
4. NM=Not measured.

RESIDENTIAL TAP WATER SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Location I.D.:** Schell Tap

Date: 05/18/14 / **Sampling Personnel:** John Boyd **Company:** URS Corporation

Sampling Device: 40 ml VOA Vial Material of Construction: Glass Pump/Tubing Inlet Location: NA

Measuring Point: NA Initial Depth to Water: NA Depth to Well Bottom: NA Well Diameter: NA Screen Length: NA

Casing Type: NA Volume in 1 Well Casing (gallons): NA Estimated Purge Volume (gallons): NA

Sample ID: SW01-05/14 Sample Time: 1415 QA/QC: None

Sample Parameters: TCL VOCs (Method 524.2)

SAMPLE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	SALINITY (%)	Appearance
NM	NM	NM	NM	NM	NM	NM	Clear
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 0.02**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Residential tap water grab sample.
2. Sample collected from tap outside of the residence. The tap was run for 15 minutes before the sample was collected.
3. NM=Not measured.

RESIDENTIAL TAP WATER SAMPLING LOG

Project: 11172991.00000 Site: Wyoming County Fire Training Center Location I.D.: Becker Tap

Date: 05/18/14 Sampling Personnel: John Boyd Company: URS Corporation

Sampling Device: 40 ml VOA Vial Material of Construction: Glass Pump/Tubing Inlet Location: NA

Measuring Point: NA Initial Depth to Water: NA Depth to Well Bottom: NA Well Diameter: NA Screen Length: NA

Casing Type: NA Volume in 1 Well Casing (gallons): NA Estimated Purge Volume (gallons): NA

Sample ID: BW01-05/14 Sample Time: 1330 QA/QC: None

Sample Parameters: TCL VOCs (Method 524.2)

SAMPLE PARAMETERS

TIME	pH	TEMP (°C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	SALINITY (%)	Appearance
NM	NM	NM	NM	NM	NM	NM	Clear
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 0.02**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Residential tap water grab sample.
2. Sample collected from a tap in the basement of the residence as per the September 14, 2006 letter.
3. Resident ran water from well for 20 minutes before sample was collected.
4. NM=Not measured.

APPENDIX E

SURFACE WATER SAMPLING LOGS

SURFACE WATER SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Location I.D.:** Spring

Date: 08/28/15 **Sampling Personnel:** Bob Henschel **Company:** On-Target Geonvironmental

Sampling Device: 40 mil VOA vial

Material of Construction: Metal pipe draining into a concrete box.

Pump/Tubing Inlet Location: NA

Measuring Point: NA

Initial Depth to Water: NA

Depth to Well Bottom: NA

Well Diameter: NA

Screen Length: NA

Casing Type: NA

Volume in 1 Well Casing (gallons): NA

Estimated Purge Volume (gallons): NA

Sample ID: Spring 08/15 Sample Time: 1120 QA/QC: None

Sample Parameters: TCL VOCs (8260).

SAMPLE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	SALINITY (%)	Appearance
NM	NM	NM	NM	NM	NM	NM	Clear
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 0.02**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

Extended discharge pipe using clear poly tubing in order to collect sample

SURFACE WATER SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Location I.D.:** Spring

Date: 12/18/14 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Sampling Device: Flow directed to sample container

Material of Construction: Metal pipe draining into a concrete box.

Pump/Tubing Inlet Location: NA

Measuring Point: NA

Initial Depth to Water: NA

Depth to Well Bottom: NA

Well Diameter: NA

Screen Length: NA

Casing Type: NA

Volume in 1 Well Casing (gallons): NA

Estimated Purge Volume (gallons): NA

Sample ID:

Sample Time: Sample not collected. Discharge pipe under water.

QA/QC: None

Sample Parameters: TCL VOCs (8260).

SAMPLE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	SALINITY (%)	Appearance
NM	NM	NM	NM	NM	NM	NM	Clear
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 0.02**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Spring was not sampled as the discharge pipe was under water.

SURFACE WATER SAMPLING LOG

Project: 11172991.00000 **Site:** Wyoming County Fire Training Center **Location I.D.:** Spring

Date: 05/18/14 **Sampling Personnel:** John Boyd **Company:** URS Corporation

Sampling Device: Flow directed to sample container **Material of Construction** Metal pipe draining into a concrete box. **Pump/Tubing Inlet Location:** NA

Measuring Point: NA **Initial Depth to Water:** NA **Depth to Well Bottom:** NA **Well Diameter:** NA **Screen Length:** NA

Casing Type: NA **Volume in 1 Well Casing (gallons):** NA **Estimated Purge Volume (gallons):** NA

Sample ID: Spring-05/14 **Sample Time:** 1300 **QA/QC:** None

Sample Parameters: TCL VOCs (8260).

SAMPLE PARAMETERS

TIME	pH	TEMP (^{0}C)	COND. (mS/cm)	DISS. O_2 (mg/l)	TURB. (NTU)	SALINITY (%)	Appearance
NM	NM	NM	NM	NM	NM	NM	Clear
Tolerance:	**0.1**	**---**	**3%**	**10%**	**10%**	**+ or - 0.02**	

Information: 0.17 gallons per foot in 2-inch diameter well
0.66 gallons per foot in 4-inch diameter well

Comments:

1. Spring was not sampled as it was buried under several feet of snow and could not be located.

APPENDIX F
FIELD NOTES

7/15/15. Wednesday
WX Cloudy. LT. RAIN. Temp in 60°F
0730 John Boyd left home. Drove to the SITE.
0853 arrived at the SITE. Met Rob Henschel.
0913 ~~opened~~ opened MW-04 and measured DTW (2.52) and Total depth (12.86)
0940 Set up at MW-02. Set up geopump + hooked U-52 Measured WL (2.66) and DT Bottom 12.89
~~0950~~ 1000 Turned on pump and purged well
1040 collected sample MW-02-07/15.
1055 Set up on well MW-07
1109 Turned on pump (geopump) and purged the well
1150 Collect sample MW-07-07/15.
1200 Arrived at Becker Residence. Met Dan + Amy Becker and Karen St. Marie (Daughter) Rob Henschel also present.
1210 collected sample of Becker well from a spigot in the basement. Collected after well ran for 30 minutes
1215 Discussed project w/ the Beckers and sampling results. Dan requested we try to return and sample the Spring which we could not sample today as it is under water. We said we would try to schedule a sampling visit next few weeks.
1300 Left the Beckers.
1315 Rob Henschel collected a sample from John Schell's well after Running the Spigot outside for 10 minutes.
John Boyd set up at MW-14
1316 Pump on at MW-14. Purged the well
1400 Collected sample MW-14-07/15.
1415 Set up at MW-15. Rob Henschel left the site at 1435
1432 Turned on the pump. Purged the well
1505 Collected sample MW-15-07/15.
1515 John Schell came by the well site

Continued on Page

Read and Understood By

John Boyd 7/15/15
Signed Date Signed Date

PROJECT Wyoming Qty FT. C. Notebook No. 5

Continued from Page

We discussed sampling this well and the results over the years (no detections other than Acetone - a LAB CONTAMINANT). John was happy w/ results and requested we keep sampling this well in the future To ensure clean well water

1530 John left.
1545 Set up at MW-12
1554 Turned on the pump and purged the well
1630 Collected sample MW-12-07/15. , Then put away equipment.
1655 Left the site and drove home
1815 arrived at home.

Continued on Page

Read and Understood By

John Byl 7/15/15
Signed Date

Signed Date

Location WYOMING CTY Date 8/28/15

Project / Client GW SAMPLING

SUNNY 70°, CALM

0930 LEFT HOUSE AND DROVE TO SITE (LYNN RODE WITH ME)

1100 ARRIVED ON SITE PREP'D TO SAMPLE SPRING

1115 - INSERTED 5/8" POLY/VINYL TUBING IN DISCHARGE PIPE AS IT WAS UNDER ~ 2" OF WATER IN CREEK.
- ALLOWED WATER TO FLOW FOR A FEW MINUTES TO FLUSH TUBING

1120 COLLECTED 3 - 40mL VOA VIALS FOR ANALYSIS

1135 IDLE PARKED SITE

1320 DROP SAMPLES @ TEST AMERICA LAB IN ARVADA, CO

1330 EN ROUTE HOME.

R. Hemenway 8/28/15

Location _____ Date _____

Project / Client _____

URS

Page ____ of ____

Job ____ Project No. 11172991 Sheet ____ of ____

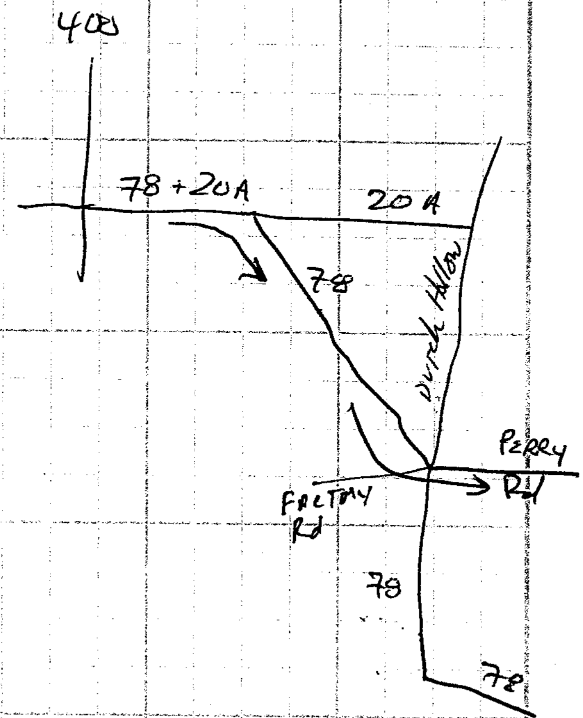
Description 3651 Wethersfield Rd Computed by JOHN BOYD Date 12/18/14

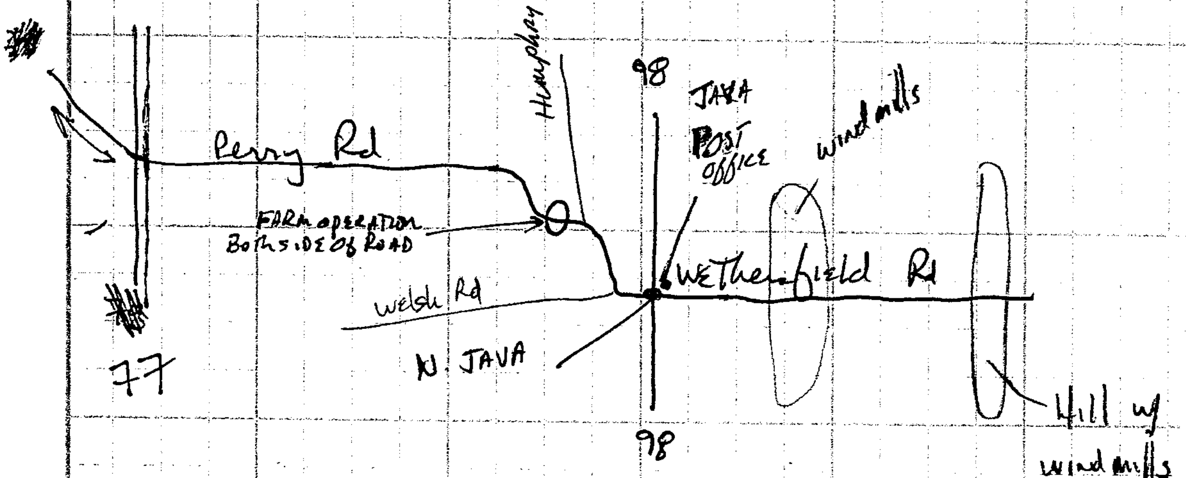
Checked by ____ Date ____

Reference

90 South to 400

400 TO 20A / 78 EAST





left at 1045 – drive to site

1205 – arrived to site walked to spring to collect a sample – spring pipe under 6" of water, so no sample collected

1238 arrive at Schells

1255 collected water sample after letting water run for 10 min – aerator present

1300 – arrived at Beaches.

1310 Sampled – owner let pump run for 30 min

1335 left Beaches – drive to lab.

1500 – ~~arrived at lab.~~ ~~drove home~~ drive to URS office

1525 ~~arrived at home.~~ arrived at work.

PROJECT Wyoming County PTC

Notebook No. _____

Continued From Page _____

5/18/14. Sunday

0745 John Boyd CRS. Left home. Drove to the site.
0900 arrived at the site. Set up for and began measuring DTW in the monitoring wells MW-10 THRU MW-16 and piezometers No 1 + 2
1005 Set up to sample MW-14.
1027 Began purging MW-14
1055 collected sample MW-14-05/14
1100 Set up at well MW-15
1118 began pumping MW-15
1155 Collected sample MW-15-05/14
1200 Set up at MW-12
1211 Began purging MW-12
1250 collected sample MW-12-05/14
Bob Hensehel CRS arrived at 1218 - Began taking water level measurements of the remaining monitoring wells
1300 Collected the "SPRING" Sample
1314 Arrived at the Becher residence
1330 Collected the sample of the Becher's well "SW-01-05/14
1405 Bob Hensehel arrived at the Schell residence
1445 Collected a sample of the Schell well via the outside Spigot. "SW-01-05/14
1415 John Boyd set up at MW-07
1500 Collected sample MW-07-05/14, MW-07-05/14 MS and MW-07-05/14 SD
1545 Set up at MW-02
1600 Began Purging MW-02
1630 Collected sample MW-02-05/14,
1700 Left the site - drove to CRS office
1800 arrived at office dropped off equipment.
1830 Left for home.

Continued on Page

Read and Understood By

John A Boyd — Signed
5/18/14 — Date
_____ — Signed
_____ — Date

Well	DTW	Total Depth
mw-01	Destroyed	
mw-02	3.11	12.91
mw-03	11.39	17.80
mw-04	1.78	12.45
mw-05	4.68	14.90
mw-06	3.45	12.68
mw-07	5.50	15.55
mw-08	3.85	13.59
mw-09	Destroyed	
mw-10	2.48	14.73
mw-11	8.00 *	17.10
mw-12	7.72	17.60
mw-13	5.11	16.40
mw-14	4.02	17.62
mw-15	8.18	16.40
mw-16	7.65	17.68
mw-17	5.22	17.10
mw-18	4.38	17.60
mw-19	9.32	17.39
mw-20	2.93	14.42
mw-21	12.87	18.50
mw-22	5.19	14.10
mw-23	4.13	16.80

* DTW NOT VERY DISTINCT

Continued on Page

Read and Understood By

Signed _____ Date 5/18/14

Signed _____ Date _____

APPENDIX G
ANALYTICAL DATA

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: 480-86364-1
Client Project/Site: 11172991.00000 - Wyoming County Fire Ctr

For:
URS Corporation
257 W. Genesee Street
Buffalo, New York 14202

Attn: John Boyd

Authorized for release by:
9/9/2015 11:35:13 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-86364-1

Job ID: 480-86364-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-86364-1

Receipt
The sample was received on 8/28/2015 1:20 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.0º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-262206 recovered outside acceptance criteria, low biased, for 1,1,2,2-Tetrachloroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated sample was non-detect for this analyte, the data have been reported. The following sample is impacted: SPRING-08/15 (480-86364-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-86364-1

Client Sample ID: SPRING-08/15

Lab Sample ID: 480-86364-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	57		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	6.4		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	2.4		1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	54		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	45		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	5.3		1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SPRING-08/15
Date Collected: 08/28/15 11:20
Date Received: 08/28/15 13:20

Lab Sample ID: 480-86364-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**57**		1.0	0.82	ug/L			09/05/15 16:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/05/15 16:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/05/15 16:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/05/15 16:52	1
1,1-Dichloroethane	**6.4**		1.0	0.38	ug/L			09/05/15 16:52	1
1,1-Dichloroethene	**2.4**		1.0	0.29	ug/L			09/05/15 16:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/05/15 16:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/05/15 16:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/05/15 16:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/05/15 16:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/05/15 16:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/05/15 16:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/05/15 16:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/05/15 16:52	1
2-Hexanone	ND		5.0	1.2	ug/L			09/05/15 16:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/05/15 16:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/05/15 16:52	1
Acetone	ND		10	3.0	ug/L			09/05/15 16:52	1
Benzene	ND		1.0	0.41	ug/L			09/05/15 16:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/05/15 16:52	1
Bromoform	ND		1.0	0.26	ug/L			09/05/15 16:52	1
Bromomethane	ND		1.0	0.69	ug/L			09/05/15 16:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/05/15 16:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/05/15 16:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/05/15 16:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/05/15 16:52	1
Chloroethane	ND		1.0	0.32	ug/L			09/05/15 16:52	1
Chloroform	ND		1.0	0.34	ug/L			09/05/15 16:52	1
Chloromethane	ND		1.0	0.35	ug/L			09/05/15 16:52	1
cis-1,2-Dichloroethene	**54**		1.0	0.81	ug/L			09/05/15 16:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/05/15 16:52	1
Cyclohexane	ND		1.0	0.18	ug/L			09/05/15 16:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/05/15 16:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/05/15 16:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/05/15 16:52	1
Methyl acetate	ND		2.5	1.3	ug/L			09/05/15 16:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/05/15 16:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/05/15 16:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/05/15 16:52	1
Styrene	ND		1.0	0.73	ug/L			09/05/15 16:52	1
Tetrachloroethene	**45**		1.0	0.36	ug/L			09/05/15 16:52	1
Toluene	ND		1.0	0.51	ug/L			09/05/15 16:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/05/15 16:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/05/15 16:52	1
Trichloroethene	**5.3**		1.0	0.46	ug/L			09/05/15 16:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/05/15 16:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/05/15 16:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/05/15 16:52	1

Client Sample Results

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-86364-1

Client Sample ID: SPRING-08/15
Date Collected: 08/28/15 11:20
Date Received: 08/28/15 13:20

Lab Sample ID: 480-86364-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		66 - 137		09/05/15 16:52	1
Toluene-d8 (Surr)	93		71 - 126		09/05/15 16:52	1
4-Bromofluorobenzene (Surr)	107		73 - 120		09/05/15 16:52	1
Dibromofluoromethane (Surr)	103		60 - 140		09/05/15 16:52	1

Surrogate Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-86364-1

Method: 8260C - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-86364-1	SPRING-08/15	88	93	107	103
LCS 480-262206/5	Lab Control Sample	93	100	114	108
MB 480-262206/7	Method Blank	87	101	114	102

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-262206/7
Matrix: Water
Analysis Batch: 262206

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			09/05/15 11:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/05/15 11:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/05/15 11:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/05/15 11:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/05/15 11:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/05/15 11:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/05/15 11:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/05/15 11:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/05/15 11:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/05/15 11:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/05/15 11:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/05/15 11:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/05/15 11:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/05/15 11:00	1
2-Hexanone	ND		5.0	1.2	ug/L			09/05/15 11:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/05/15 11:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/05/15 11:00	1
Acetone	ND		10	3.0	ug/L			09/05/15 11:00	1
Benzene	ND		1.0	0.41	ug/L			09/05/15 11:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/05/15 11:00	1
Bromoform	ND		1.0	0.26	ug/L			09/05/15 11:00	1
Bromomethane	ND		1.0	0.69	ug/L			09/05/15 11:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/05/15 11:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/05/15 11:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/05/15 11:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/05/15 11:00	1
Chloroethane	ND		1.0	0.32	ug/L			09/05/15 11:00	1
Chloroform	ND		1.0	0.34	ug/L			09/05/15 11:00	1
Chloromethane	ND		1.0	0.35	ug/L			09/05/15 11:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/05/15 11:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/05/15 11:00	1
Cyclohexane	ND		1.0	0.18	ug/L			09/05/15 11:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/05/15 11:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/05/15 11:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/05/15 11:00	1
Methyl acetate	ND		2.5	1.3	ug/L			09/05/15 11:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/05/15 11:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/05/15 11:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/05/15 11:00	1
Styrene	ND		1.0	0.73	ug/L			09/05/15 11:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/05/15 11:00	1
Toluene	ND		1.0	0.51	ug/L			09/05/15 11:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/05/15 11:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/05/15 11:00	1
Trichloroethene	ND		1.0	0.46	ug/L			09/05/15 11:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/05/15 11:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/05/15 11:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/05/15 11:00	1

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

Lab Sample ID: MB 480-262206/7
Matrix: Water
Analysis Batch: 262206

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*87*		*66 - 137*		*09/05/15 11:00*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*09/05/15 11:00*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*09/05/15 11:00*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*09/05/15 11:00*	*1*

Lab Sample ID: LCS 480-262206/5
Matrix: Water
Analysis Batch: 262206

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	25.7		ug/L		103	71 - 129
1,1-Dichloroethene	25.0	24.9		ug/L		100	58 - 121
1,2-Dichlorobenzene	25.0	25.4		ug/L		102	80 - 124
1,2-Dichloroethane	25.0	23.2		ug/L		93	75 - 127
Benzene	25.0	26.7		ug/L		107	71 - 124
Chlorobenzene	25.0	26.7		ug/L		107	72 - 120
cis-1,2-Dichloroethene	25.0	27.5		ug/L		110	74 - 124
Ethylbenzene	25.0	26.1		ug/L		104	77 - 123
Methyl tert-butyl ether	25.0	24.0		ug/L		96	64 - 127
Tetrachloroethene	25.0	28.9		ug/L		116	74 - 122
Toluene	25.0	25.8		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	25.7		ug/L		103	73 - 127
Trichloroethene	25.0	26.6		ug/L		106	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*
Toluene-d8 (Surr)	*100*		*71 - 126*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*
Dibromofluoromethane (Surr)	*108*		*60 - 140*

QC Association Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-86364-1

GC/MS VOA

Analysis Batch: 262206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-86364-1	SPRING-08/15	Total/NA	Water	8260C	
LCS 480-262206/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-262206/7	Method Blank	Total/NA	Water	8260C	

Lab Chronicle

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-86364-1

Client Sample ID: SPRING-08/15
Date Collected: 08/28/15 11:20
Date Received: 08/28/15 13:20

Lab Sample ID: 480-86364-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	262206	09/05/15 16:52	NQN	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: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-86364-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

Method Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-86364-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by 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: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-86364-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-86364-1	SPRING-08/15	Water	08/28/15 11:20	08/28/15 13:20

CHAIN OF CUSTODY RECORD

AECOM

PROJECT NO. 60411027 (11172991)

SITE NAME WCFTC

SAMPLERS (PRINT/SIGNATURE) ROBERT R. HENSCHEL

DELIVERY SERVICE: DROP OFF AIRBILL NO.: _____

LAB TEST AMERICA

COOLER 1 of _____

PAGE 1 of _____

TESTS

BOTTLE TYPE AND PRESERVATIVE

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. # OF CONTAINERS	40ml VOA HCL	8260 TCL VOCs	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (IRPIMS ONLY)
	8/28/15	1120	GRAB	SPRING - 08/15	WG	3	3			N			

480-86364 Chain of Custody

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
Robert R Henschel	8/28/15	1320		8/28/15	1320
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

Distribution: Original accompanies shipment, copy to coordinator field files

SPECIAL INSTRUCTIONS

SEND RESULTS TO:
JOHN.BOYD@aecom.com
DT65@roadrunner.com

Temp 5.0 #1

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 480-86364-1

Login Number: 86364
List Number: 1
Creator: Kolb, Chris M

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	AECOM
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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: 480-84039-1
Client Project/Site: 11172991.00000 - Wyoming County Fire Ctr

For:
URS Corporation
257 W. Genesee Street
Buffalo, New York 14202

Attn: John Boyd

Authorized for release by:
7/27/2015 1:43:43 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

Definitions/Glossary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-84039-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-84039-1

Receipt
The samples were received on 7/16/2015 8:18 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-253866 recovered above the upper control limit for Chlorodibromomethane . The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: MW-14-07/15 (480-84039-5), MW-15-07/15 (480-84039-6), MW-12-07/15 (480-84039-7) and TRIP BLAMK (480-84039-8).

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-15-07/15 (480-84039-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-254224 recovered above the upper control limit for Carbon Tetrachloride, and 1,1,1 Trichloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: MW-02-07/15 (480-84039-1).

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 480-254224 was outside the method criteria for the following analyte: 1,1,1-Trichloroethane. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated. The following sample is impacted: MW-07-07/15 (480-84039-2)

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-02-07/15 (480-84039-1), MW-07-07/15 (480-84039-2), MW-07-07/15 (480-84039-2[MS]) and MW-07-07/15 (480-84039-2[MSD]). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Client Sample ID: MW-02-07/15 — Lab Sample ID: 480-84039-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	290		10	8.1	ug/L	10		8260C	Total/NA
Tetrachloroethene	17		10	3.6	ug/L	10		8260C	Total/NA
Trichloroethene	110		10	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: MW-07-07/15 — Lab Sample ID: 480-84039-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	44	^	2.0	1.6	ug/L	2		8260C	Total/NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	J	2.0	0.62	ug/L	2		8260C	Total/NA
1,1-Dichloroethane	5.5		2.0	0.76	ug/L	2		8260C	Total/NA
1,1-Dichloroethene	1.4	J	2.0	0.58	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	30		2.0	1.6	ug/L	2		8260C	Total/NA
Tetrachloroethene	140	F1	2.0	0.72	ug/L	2		8260C	Total/NA
Trichloroethene	28		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: BW-01-07/15 — Lab Sample ID: 480-84039-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.91	J	2.5	0.54	ug/L	1		524.2	Total/NA

Client Sample ID: SW-01-07/15 — Lab Sample ID: 480-84039-4

No Detections.

Client Sample ID: MW-14-07/15 — Lab Sample ID: 480-84039-5

No Detections.

Client Sample ID: MW-15-07/15 — Lab Sample ID: 480-84039-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	86		2.0	1.6	ug/L	2		8260C	Total/NA
1,1-Dichloroethane	9.8		2.0	0.76	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	63		2.0	1.6	ug/L	2		8260C	Total/NA
Methylene Chloride	0.99	J	2.0	0.88	ug/L	2		8260C	Total/NA
Tetrachloroethene	190		2.0	0.72	ug/L	2		8260C	Total/NA
Trichloroethene	9.9		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: MW-12-07/15 — Lab Sample ID: 480-84039-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.9		1.0	0.82	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.9		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.6		1.0	0.36	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLAMK — Lab Sample ID: 480-84039-8

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Client Sample ID: TRIP BLAMK **Lab Sample ID: 480-84039-9**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Client Sample ID: MW-02-07/15
Date Collected: 07/15/15 10:40
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/20/15 17:14	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/20/15 17:14	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/20/15 17:14	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/20/15 17:14	10
1,1-Dichloroethane	ND		10	3.8	ug/L			07/20/15 17:14	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/20/15 17:14	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/20/15 17:14	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/20/15 17:14	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/20/15 17:14	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/20/15 17:14	10
1,2-Dichloroethane	ND		10	2.1	ug/L			07/20/15 17:14	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/20/15 17:14	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/20/15 17:14	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/20/15 17:14	10
2-Hexanone	ND		50	12	ug/L			07/20/15 17:14	10
2-Butanone (MEK)	ND		100	13	ug/L			07/20/15 17:14	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			07/20/15 17:14	10
Acetone	ND		100	30	ug/L			07/20/15 17:14	10
Benzene	ND		10	4.1	ug/L			07/20/15 17:14	10
Bromodichloromethane	ND		10	3.9	ug/L			07/20/15 17:14	10
Bromoform	ND		10	2.6	ug/L			07/20/15 17:14	10
Bromomethane	ND		10	6.9	ug/L			07/20/15 17:14	10
Carbon disulfide	ND		10	1.9	ug/L			07/20/15 17:14	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/20/15 17:14	10
Chlorobenzene	ND		10	7.5	ug/L			07/20/15 17:14	10
Dibromochloromethane	ND		10	3.2	ug/L			07/20/15 17:14	10
Chloroethane	ND		10	3.2	ug/L			07/20/15 17:14	10
Chloroform	ND		10	3.4	ug/L			07/20/15 17:14	10
Chloromethane	ND		10	3.5	ug/L			07/20/15 17:14	10
cis-1,2-Dichloroethene	**290**		10	8.1	ug/L			07/20/15 17:14	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/20/15 17:14	10
Cyclohexane	ND		10	1.8	ug/L			07/20/15 17:14	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/20/15 17:14	10
Ethylbenzene	ND		10	7.4	ug/L			07/20/15 17:14	10
Isopropylbenzene	ND		10	7.9	ug/L			07/20/15 17:14	10
Methyl acetate	ND		25	5.0	ug/L			07/20/15 17:14	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/20/15 17:14	10
Methylcyclohexane	ND		10	1.6	ug/L			07/20/15 17:14	10
Methylene Chloride	ND		10	4.4	ug/L			07/20/15 17:14	10
Styrene	ND		10	7.3	ug/L			07/20/15 17:14	10
Tetrachloroethene	**17**		10	3.6	ug/L			07/20/15 17:14	10
Toluene	ND		10	5.1	ug/L			07/20/15 17:14	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/20/15 17:14	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/20/15 17:14	10
Trichloroethene	**110**		10	4.6	ug/L			07/20/15 17:14	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/20/15 17:14	10
Vinyl chloride	ND		10	9.0	ug/L			07/20/15 17:14	10
Xylenes, Total	ND		20	6.6	ug/L			07/20/15 17:14	10

Client Sample ID: MW-02-07/15

Date Collected: 07/15/15 10:40
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-1
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*07/20/15 17:14*	*10*
Toluene-d8 (Surr)	*103*		*71 - 126*		*07/20/15 17:14*	*10*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/20/15 17:14*	*10*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*07/20/15 17:14*	*10*

Client Sample ID: MW-07-07/15

Date Collected: 07/15/15 11:50
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**44**	**^**	2.0	1.6	ug/L			07/20/15 17:36	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			07/20/15 17:36	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			07/20/15 17:36	2
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.0**	**J**	2.0	0.62	ug/L			07/20/15 17:36	2
1,1-Dichloroethane	**5.5**		2.0	0.76	ug/L			07/20/15 17:36	2
1,1-Dichloroethene	**1.4**	**J**	2.0	0.58	ug/L			07/20/15 17:36	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			07/20/15 17:36	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			07/20/15 17:36	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			07/20/15 17:36	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			07/20/15 17:36	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			07/20/15 17:36	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			07/20/15 17:36	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			07/20/15 17:36	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			07/20/15 17:36	2
2-Hexanone	ND		10	2.5	ug/L			07/20/15 17:36	2
2-Butanone (MEK)	ND		20	2.6	ug/L			07/20/15 17:36	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			07/20/15 17:36	2
Acetone	ND		20	6.0	ug/L			07/20/15 17:36	2
Benzene	ND		2.0	0.82	ug/L			07/20/15 17:36	2
Bromodichloromethane	ND		2.0	0.78	ug/L			07/20/15 17:36	2
Bromoform	ND		2.0	0.52	ug/L			07/20/15 17:36	2
Bromomethane	ND		2.0	1.4	ug/L			07/20/15 17:36	2
Carbon disulfide	ND		2.0	0.38	ug/L			07/20/15 17:36	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			07/20/15 17:36	2
Chlorobenzene	ND		2.0	1.5	ug/L			07/20/15 17:36	2
Dibromochloromethane	ND		2.0	0.64	ug/L			07/20/15 17:36	2
Chloroethane	ND		2.0	0.64	ug/L			07/20/15 17:36	2
Chloroform	ND		2.0	0.68	ug/L			07/20/15 17:36	2
Chloromethane	ND		2.0	0.70	ug/L			07/20/15 17:36	2
cis-1,2-Dichloroethene	**30**		2.0	1.6	ug/L			07/20/15 17:36	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			07/20/15 17:36	2
Cyclohexane	ND		2.0	0.36	ug/L			07/20/15 17:36	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			07/20/15 17:36	2
Ethylbenzene	ND		2.0	1.5	ug/L			07/20/15 17:36	2
Isopropylbenzene	ND		2.0	1.6	ug/L			07/20/15 17:36	2
Methyl acetate	ND		5.0	1.0	ug/L			07/20/15 17:36	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			07/20/15 17:36	2
Methylcyclohexane	ND		2.0	0.32	ug/L			07/20/15 17:36	2

Client Sample ID: MW-07-07/15

Date Collected: 07/15/15 11:50
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		2.0	0.88	ug/L			07/20/15 17:36	2
Styrene	ND		2.0	1.5	ug/L			07/20/15 17:36	2
Tetrachloroethene	**140**	**F1**	2.0	0.72	ug/L			07/20/15 17:36	2
Toluene	ND		2.0	1.0	ug/L			07/20/15 17:36	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			07/20/15 17:36	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			07/20/15 17:36	2
Trichloroethene	**28**		2.0	0.92	ug/L			07/20/15 17:36	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			07/20/15 17:36	2
Vinyl chloride	ND		2.0	1.8	ug/L			07/20/15 17:36	2
Xylenes, Total	ND		4.0	1.3	ug/L			07/20/15 17:36	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*07/20/15 17:36*	*2*
Toluene-d8 (Surr)	*100*		*71 - 126*		*07/20/15 17:36*	*2*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*07/20/15 17:36*	*2*
Dibromofluoromethane (Surr)	*105*		*60 - 140*		*07/20/15 17:36*	*2*

Client Sample ID: BW-01-07/15

Date Collected: 07/15/15 12:10
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-3
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			07/17/15 23:54	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			07/17/15 23:54	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/17/15 23:54	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			07/17/15 23:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			07/17/15 23:54	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			07/17/15 23:54	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			07/17/15 23:54	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			07/17/15 23:54	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			07/17/15 23:54	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			07/17/15 23:54	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			07/17/15 23:54	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			07/17/15 23:54	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			07/17/15 23:54	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			07/17/15 23:54	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			07/17/15 23:54	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			07/17/15 23:54	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			07/17/15 23:54	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			07/17/15 23:54	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			07/17/15 23:54	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			07/17/15 23:54	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			07/17/15 23:54	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			07/17/15 23:54	1
2-Hexanone	ND		2.5	0.23	ug/L			07/17/15 23:54	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			07/17/15 23:54	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			07/17/15 23:54	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			07/17/15 23:54	1
Acetone	**0.91**	**J**	2.5	0.54	ug/L			07/17/15 23:54	1

Client Sample ID: BW-01-07/15
Date Collected: 07/15/15 12:10
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-3
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	ND		10	0.48	ug/L			07/17/15 23:54	1
Allyl chloride	ND		0.50	0.091	ug/L			07/17/15 23:54	1
Benzene	ND		0.50	0.13	ug/L			07/17/15 23:54	1
Bromobenzene	ND		0.50	0.13	ug/L			07/17/15 23:54	1
Bromochloromethane	ND		0.50	0.11	ug/L			07/17/15 23:54	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			07/17/15 23:54	1
Bromoform	ND		0.50	0.13	ug/L			07/17/15 23:54	1
Bromomethane	ND		0.50	0.051	ug/L			07/17/15 23:54	1
Carbon disulfide	ND		0.50	0.15	ug/L			07/17/15 23:54	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			07/17/15 23:54	1
Chlorobenzene	ND		0.50	0.12	ug/L			07/17/15 23:54	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			07/17/15 23:54	1
Chloroethane	ND		0.50	0.070	ug/L			07/17/15 23:54	1
Chloroform	ND		0.50	0.14	ug/L			07/17/15 23:54	1
Chloromethane	ND		0.50	0.063	ug/L			07/17/15 23:54	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			07/17/15 23:54	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			07/17/15 23:54	1
Dibromomethane	ND		0.50	0.17	ug/L			07/17/15 23:54	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			07/17/15 23:54	1
Ethyl ether	ND		0.50	0.12	ug/L			07/17/15 23:54	1
Ethylbenzene	ND		0.50	0.11	ug/L			07/17/15 23:54	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			07/17/15 23:54	1
Iodomethane	ND		0.50	0.15	ug/L			07/17/15 23:54	1
Isopropylbenzene	ND		0.50	0.053	ug/L			07/17/15 23:54	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			07/17/15 23:54	1
Methylene Chloride	ND		0.50	0.25	ug/L			07/17/15 23:54	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			07/17/15 23:54	1
Naphthalene	ND		0.50	0.060	ug/L			07/17/15 23:54	1
n-Butylbenzene	ND		0.50	0.081	ug/L			07/17/15 23:54	1
N-Propylbenzene	ND		0.50	0.057	ug/L			07/17/15 23:54	1
o-Xylene	ND		0.50	0.044	ug/L			07/17/15 23:54	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			07/17/15 23:54	1
Styrene	ND		0.50	0.044	ug/L			07/17/15 23:54	1
t-Butanol	ND		10	2.5	ug/L			07/17/15 23:54	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			07/17/15 23:54	1
Tetrachloroethene	ND		0.50	0.067	ug/L			07/17/15 23:54	1
Toluene	ND		0.50	0.10	ug/L			07/17/15 23:54	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			07/17/15 23:54	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			07/17/15 23:54	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			07/17/15 23:54	1
Trichloroethene	ND		0.50	0.060	ug/L			07/17/15 23:54	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			07/17/15 23:54	1
Vinyl acetate	ND		2.5	0.17	ug/L			07/17/15 23:54	1
Vinyl chloride	ND		0.50	0.059	ug/L			07/17/15 23:54	1
Xylenes, Total	ND		1.0	0.20	ug/L			07/17/15 23:54	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			07/17/15 23:54	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			07/17/15 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*07/17/15 23:54*	*1*

Client Sample ID: BW-01-07/15
Date Collected: 07/15/15 12:10
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-3
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	101		80 - 120		07/17/15 23:54	1

Client Sample ID: SW-01-07/15
Date Collected: 07/15/15 13:15
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-4
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			07/18/15 00:21	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			07/18/15 00:21	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/18/15 00:21	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			07/18/15 00:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			07/18/15 00:21	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			07/18/15 00:21	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			07/18/15 00:21	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			07/18/15 00:21	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			07/18/15 00:21	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			07/18/15 00:21	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			07/18/15 00:21	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			07/18/15 00:21	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			07/18/15 00:21	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			07/18/15 00:21	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			07/18/15 00:21	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			07/18/15 00:21	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			07/18/15 00:21	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			07/18/15 00:21	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			07/18/15 00:21	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			07/18/15 00:21	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			07/18/15 00:21	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			07/18/15 00:21	1
2-Hexanone	ND		2.5	0.23	ug/L			07/18/15 00:21	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			07/18/15 00:21	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			07/18/15 00:21	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			07/18/15 00:21	1
Acetone	ND		2.5	0.54	ug/L			07/18/15 00:21	1
Acrylonitrile	ND		10	0.48	ug/L			07/18/15 00:21	1
Allyl chloride	ND		0.50	0.091	ug/L			07/18/15 00:21	1
Benzene	ND		0.50	0.13	ug/L			07/18/15 00:21	1
Bromobenzene	ND		0.50	0.13	ug/L			07/18/15 00:21	1
Bromochloromethane	ND		0.50	0.11	ug/L			07/18/15 00:21	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			07/18/15 00:21	1
Bromoform	ND		0.50	0.13	ug/L			07/18/15 00:21	1
Bromomethane	ND		0.50	0.051	ug/L			07/18/15 00:21	1
Carbon disulfide	ND		0.50	0.15	ug/L			07/18/15 00:21	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			07/18/15 00:21	1
Chlorobenzene	ND		0.50	0.12	ug/L			07/18/15 00:21	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			07/18/15 00:21	1
Chloroethane	ND		0.50	0.070	ug/L			07/18/15 00:21	1
Chloroform	ND		0.50	0.14	ug/L			07/18/15 00:21	1

Client Sample ID: SW-01-07/15

Date Collected: 07/15/15 13:15
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-4

Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.50	0.063	ug/L			07/18/15 00:21	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			07/18/15 00:21	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			07/18/15 00:21	1
Dibromomethane	ND		0.50	0.17	ug/L			07/18/15 00:21	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			07/18/15 00:21	1
Ethyl ether	ND		0.50	0.12	ug/L			07/18/15 00:21	1
Ethylbenzene	ND		0.50	0.11	ug/L			07/18/15 00:21	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			07/18/15 00:21	1
Iodomethane	ND		0.50	0.15	ug/L			07/18/15 00:21	1
Isopropylbenzene	ND		0.50	0.053	ug/L			07/18/15 00:21	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			07/18/15 00:21	1
Methylene Chloride	ND		0.50	0.25	ug/L			07/18/15 00:21	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			07/18/15 00:21	1
Naphthalene	ND		0.50	0.060	ug/L			07/18/15 00:21	1
n-Butylbenzene	ND		0.50	0.081	ug/L			07/18/15 00:21	1
N-Propylbenzene	ND		0.50	0.057	ug/L			07/18/15 00:21	1
o-Xylene	ND		0.50	0.044	ug/L			07/18/15 00:21	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			07/18/15 00:21	1
Styrene	ND		0.50	0.044	ug/L			07/18/15 00:21	1
t-Butanol	ND		10	2.5	ug/L			07/18/15 00:21	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			07/18/15 00:21	1
Tetrachloroethene	ND		0.50	0.067	ug/L			07/18/15 00:21	1
Toluene	ND		0.50	0.10	ug/L			07/18/15 00:21	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			07/18/15 00:21	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			07/18/15 00:21	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			07/18/15 00:21	1
Trichloroethene	ND		0.50	0.060	ug/L			07/18/15 00:21	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			07/18/15 00:21	1
Vinyl acetate	ND		2.5	0.17	ug/L			07/18/15 00:21	1
Vinyl chloride	ND		0.50	0.059	ug/L			07/18/15 00:21	1
Xylenes, Total	ND		1.0	0.20	ug/L			07/18/15 00:21	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			07/18/15 00:21	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			07/18/15 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*07/18/15 00:21*	*1*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*		*07/18/15 00:21*	*1*

Client Sample ID: MW-14-07/15

Date Collected: 07/15/15 14:00
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/17/15 16:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/17/15 16:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/17/15 16:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/17/15 16:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/17/15 16:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/17/15 16:02	1

Client Sample ID: MW-14-07/15
Date Collected: 07/15/15 14:00
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/17/15 16:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/17/15 16:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/17/15 16:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/17/15 16:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/17/15 16:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/17/15 16:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/17/15 16:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/17/15 16:02	1
2-Hexanone	ND		5.0	1.2	ug/L			07/17/15 16:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/17/15 16:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/17/15 16:02	1
Acetone	ND		10	3.0	ug/L			07/17/15 16:02	1
Benzene	ND		1.0	0.41	ug/L			07/17/15 16:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/17/15 16:02	1
Bromoform	ND		1.0	0.26	ug/L			07/17/15 16:02	1
Bromomethane	ND		1.0	0.69	ug/L			07/17/15 16:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/17/15 16:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/17/15 16:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/17/15 16:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/17/15 16:02	1
Chloroethane	ND		1.0	0.32	ug/L			07/17/15 16:02	1
Chloroform	ND		1.0	0.34	ug/L			07/17/15 16:02	1
Chloromethane	ND		1.0	0.35	ug/L			07/17/15 16:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/17/15 16:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/17/15 16:02	1
Cyclohexane	ND		1.0	0.18	ug/L			07/17/15 16:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/17/15 16:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/17/15 16:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/17/15 16:02	1
Methyl acetate	ND		2.5	0.50	ug/L			07/17/15 16:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/17/15 16:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/17/15 16:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/17/15 16:02	1
Styrene	ND		1.0	0.73	ug/L			07/17/15 16:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/17/15 16:02	1
Toluene	ND		1.0	0.51	ug/L			07/17/15 16:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/17/15 16:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/17/15 16:02	1
Trichloroethene	ND		1.0	0.46	ug/L			07/17/15 16:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/17/15 16:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/17/15 16:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/17/15 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*07/17/15 16:02*	*1*
Toluene-d8 (Surr)	*86*		*71 - 126*		*07/17/15 16:02*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*07/17/15 16:02*	*1*
Dibromofluoromethane (Surr)	*94*		*60 - 140*		*07/17/15 16:02*	*1*

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Client Sample ID: MW-15-07/15
Date Collected: 07/15/15 15:05
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**86**		2.0	1.6	ug/L			07/17/15 16:25	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			07/17/15 16:25	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			07/17/15 16:25	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			07/17/15 16:25	2
1,1-Dichloroethane	**9.8**		2.0	0.76	ug/L			07/17/15 16:25	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			07/17/15 16:25	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			07/17/15 16:25	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			07/17/15 16:25	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			07/17/15 16:25	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			07/17/15 16:25	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			07/17/15 16:25	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			07/17/15 16:25	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			07/17/15 16:25	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			07/17/15 16:25	2
2-Hexanone	ND		10	2.5	ug/L			07/17/15 16:25	2
2-Butanone (MEK)	ND		20	2.6	ug/L			07/17/15 16:25	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			07/17/15 16:25	2
Acetone	ND		20	6.0	ug/L			07/17/15 16:25	2
Benzene	ND		2.0	0.82	ug/L			07/17/15 16:25	2
Bromodichloromethane	ND		2.0	0.78	ug/L			07/17/15 16:25	2
Bromoform	ND		2.0	0.52	ug/L			07/17/15 16:25	2
Bromomethane	ND		2.0	1.4	ug/L			07/17/15 16:25	2
Carbon disulfide	ND		2.0	0.38	ug/L			07/17/15 16:25	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			07/17/15 16:25	2
Chlorobenzene	ND		2.0	1.5	ug/L			07/17/15 16:25	2
Dibromochloromethane	ND		2.0	0.64	ug/L			07/17/15 16:25	2
Chloroethane	ND		2.0	0.64	ug/L			07/17/15 16:25	2
Chloroform	ND		2.0	0.68	ug/L			07/17/15 16:25	2
Chloromethane	ND		2.0	0.70	ug/L			07/17/15 16:25	2
cis-1,2-Dichloroethene	**63**		2.0	1.6	ug/L			07/17/15 16:25	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			07/17/15 16:25	2
Cyclohexane	ND		2.0	0.36	ug/L			07/17/15 16:25	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			07/17/15 16:25	2
Ethylbenzene	ND		2.0	1.5	ug/L			07/17/15 16:25	2
Isopropylbenzene	ND		2.0	1.6	ug/L			07/17/15 16:25	2
Methyl acetate	ND		5.0	1.0	ug/L			07/17/15 16:25	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			07/17/15 16:25	2
Methylcyclohexane	ND		2.0	0.32	ug/L			07/17/15 16:25	2
Methylene Chloride	**0.99**	**J**	2.0	0.88	ug/L			07/17/15 16:25	2
Styrene	ND		2.0	1.5	ug/L			07/17/15 16:25	2
Tetrachloroethene	**190**		2.0	0.72	ug/L			07/17/15 16:25	2
Toluene	ND		2.0	1.0	ug/L			07/17/15 16:25	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			07/17/15 16:25	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			07/17/15 16:25	2
Trichloroethene	**9.9**		2.0	0.92	ug/L			07/17/15 16:25	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			07/17/15 16:25	2
Vinyl chloride	ND		2.0	1.8	ug/L			07/17/15 16:25	2
Xylenes, Total	ND		4.0	1.3	ug/L			07/17/15 16:25	2

Client Sample ID: MW-15-07/15

Lab Sample ID: 480-84039-6

Date Collected: 07/15/15 15:05

Matrix: Water

Date Received: 07/16/15 08:18

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 137*		*07/17/15 16:25*	*2*
Toluene-d8 (Surr)	*86*		*71 - 126*		*07/17/15 16:25*	*2*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*07/17/15 16:25*	*2*
Dibromofluoromethane (Surr)	*96*		*60 - 140*		*07/17/15 16:25*	*2*

Client Sample ID: MW-12-07/15

Lab Sample ID: 480-84039-7

Date Collected: 07/15/15 16:30

Matrix: Water

Date Received: 07/16/15 08:18

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.9**		1.0	0.82	ug/L			07/17/15 16:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/17/15 16:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/17/15 16:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/17/15 16:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/17/15 16:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/17/15 16:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/17/15 16:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/17/15 16:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/17/15 16:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/17/15 16:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/17/15 16:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/17/15 16:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/17/15 16:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/17/15 16:49	1
2-Hexanone	ND		5.0	1.2	ug/L			07/17/15 16:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/17/15 16:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/17/15 16:49	1
Acetone	ND		10	3.0	ug/L			07/17/15 16:49	1
Benzene	ND		1.0	0.41	ug/L			07/17/15 16:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/17/15 16:49	1
Bromoform	ND		1.0	0.26	ug/L			07/17/15 16:49	1
Bromomethane	ND		1.0	0.69	ug/L			07/17/15 16:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/17/15 16:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/17/15 16:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/17/15 16:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/17/15 16:49	1
Chloroethane	ND		1.0	0.32	ug/L			07/17/15 16:49	1
Chloroform	ND		1.0	0.34	ug/L			07/17/15 16:49	1
Chloromethane	ND		1.0	0.35	ug/L			07/17/15 16:49	1
cis-1,2-Dichloroethene	**1.9**		1.0	0.81	ug/L			07/17/15 16:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/17/15 16:49	1
Cyclohexane	ND		1.0	0.18	ug/L			07/17/15 16:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/17/15 16:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/17/15 16:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/17/15 16:49	1
Methyl acetate	ND		2.5	0.50	ug/L			07/17/15 16:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/17/15 16:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/17/15 16:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/17/15 16:49	1

Client Sample ID: MW-12-07/15

Date Collected: 07/15/15 16:30
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			07/17/15 16:49	1
Tetrachloroethene	**1.6**		1.0	0.36	ug/L			07/17/15 16:49	1
Toluene	ND		1.0	0.51	ug/L			07/17/15 16:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/17/15 16:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/17/15 16:49	1
Trichloroethene	ND		1.0	0.46	ug/L			07/17/15 16:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/17/15 16:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/17/15 16:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/17/15 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*07/17/15 16:49*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*07/17/15 16:49*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/17/15 16:49*	*1*
Dibromofluoromethane (Surr)	*89*		*60 - 140*		*07/17/15 16:49*	*1*

Client Sample ID: TRIP BLAMK

Date Collected: 07/15/15 00:00
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/17/15 17:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/17/15 17:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/17/15 17:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/17/15 17:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/17/15 17:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/17/15 17:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/17/15 17:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/17/15 17:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/17/15 17:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/17/15 17:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/17/15 17:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/17/15 17:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/17/15 17:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/17/15 17:13	1
2-Hexanone	ND		5.0	1.2	ug/L			07/17/15 17:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/17/15 17:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/17/15 17:13	1
Acetone	ND		10	3.0	ug/L			07/17/15 17:13	1
Benzene	ND		1.0	0.41	ug/L			07/17/15 17:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/17/15 17:13	1
Bromoform	ND		1.0	0.26	ug/L			07/17/15 17:13	1
Bromomethane	ND		1.0	0.69	ug/L			07/17/15 17:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/17/15 17:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/17/15 17:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/17/15 17:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/17/15 17:13	1
Chloroethane	ND		1.0	0.32	ug/L			07/17/15 17:13	1
Chloroform	ND		1.0	0.34	ug/L			07/17/15 17:13	1

Client Sample ID: TRIP BLAMK

Date Collected: 07/15/15 00:00
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			07/17/15 17:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/17/15 17:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/17/15 17:13	1
Cyclohexane	ND		1.0	0.18	ug/L			07/17/15 17:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/17/15 17:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/17/15 17:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/17/15 17:13	1
Methyl acetate	ND		2.5	0.50	ug/L			07/17/15 17:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/17/15 17:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/17/15 17:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/17/15 17:13	1
Styrene	ND		1.0	0.73	ug/L			07/17/15 17:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/17/15 17:13	1
Toluene	ND		1.0	0.51	ug/L			07/17/15 17:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/17/15 17:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/17/15 17:13	1
Trichloroethene	ND		1.0	0.46	ug/L			07/17/15 17:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/17/15 17:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/17/15 17:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/17/15 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*07/17/15 17:13*	*1*
Toluene-d8 (Surr)	*87*		*71 - 126*		*07/17/15 17:13*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*07/17/15 17:13*	*1*
Dibromofluoromethane (Surr)	*89*		*60 - 140*		*07/17/15 17:13*	*1*

Client Sample ID: TRIP BLAMK

Date Collected: 07/15/15 00:00
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-9
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			07/18/15 00:48	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			07/18/15 00:48	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/18/15 00:48	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			07/18/15 00:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			07/18/15 00:48	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			07/18/15 00:48	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			07/18/15 00:48	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			07/18/15 00:48	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			07/18/15 00:48	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			07/18/15 00:48	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			07/18/15 00:48	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			07/18/15 00:48	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			07/18/15 00:48	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			07/18/15 00:48	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			07/18/15 00:48	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			07/18/15 00:48	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			07/18/15 00:48	1

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Client Sample ID: TRIP BLAMK
Date Collected: 07/15/15 00:00
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-9
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		0.50	0.15	ug/L			07/18/15 00:48	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			07/18/15 00:48	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			07/18/15 00:48	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			07/18/15 00:48	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			07/18/15 00:48	1
2-Hexanone	ND		2.5	0.23	ug/L			07/18/15 00:48	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			07/18/15 00:48	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			07/18/15 00:48	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			07/18/15 00:48	1
Acetone	ND		2.5	0.54	ug/L			07/18/15 00:48	1
Acrylonitrile	ND		10	0.48	ug/L			07/18/15 00:48	1
Allyl chloride	ND		0.50	0.091	ug/L			07/18/15 00:48	1
Benzene	ND		0.50	0.13	ug/L			07/18/15 00:48	1
Bromobenzene	ND		0.50	0.13	ug/L			07/18/15 00:48	1
Bromochloromethane	ND		0.50	0.11	ug/L			07/18/15 00:48	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			07/18/15 00:48	1
Bromoform	ND		0.50	0.13	ug/L			07/18/15 00:48	1
Bromomethane	ND		0.50	0.051	ug/L			07/18/15 00:48	1
Carbon disulfide	ND		0.50	0.15	ug/L			07/18/15 00:48	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			07/18/15 00:48	1
Chlorobenzene	ND		0.50	0.12	ug/L			07/18/15 00:48	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			07/18/15 00:48	1
Chloroethane	ND		0.50	0.070	ug/L			07/18/15 00:48	1
Chloroform	ND		0.50	0.14	ug/L			07/18/15 00:48	1
Chloromethane	ND		0.50	0.063	ug/L			07/18/15 00:48	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			07/18/15 00:48	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			07/18/15 00:48	1
Dibromomethane	ND		0.50	0.17	ug/L			07/18/15 00:48	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			07/18/15 00:48	1
Ethyl ether	ND		0.50	0.12	ug/L			07/18/15 00:48	1
Ethylbenzene	ND		0.50	0.11	ug/L			07/18/15 00:48	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			07/18/15 00:48	1
Iodomethane	ND		0.50	0.15	ug/L			07/18/15 00:48	1
Isopropylbenzene	ND		0.50	0.053	ug/L			07/18/15 00:48	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			07/18/15 00:48	1
Methylene Chloride	ND		0.50	0.25	ug/L			07/18/15 00:48	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			07/18/15 00:48	1
Naphthalene	ND		0.50	0.060	ug/L			07/18/15 00:48	1
n-Butylbenzene	ND		0.50	0.081	ug/L			07/18/15 00:48	1
N-Propylbenzene	ND		0.50	0.057	ug/L			07/18/15 00:48	1
o-Xylene	ND		0.50	0.044	ug/L			07/18/15 00:48	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			07/18/15 00:48	1
Styrene	ND		0.50	0.044	ug/L			07/18/15 00:48	1
t-Butanol	ND		10	2.5	ug/L			07/18/15 00:48	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			07/18/15 00:48	1
Tetrachloroethene	ND		0.50	0.067	ug/L			07/18/15 00:48	1
Toluene	ND		0.50	0.10	ug/L			07/18/15 00:48	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			07/18/15 00:48	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			07/18/15 00:48	1

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Client Sample ID: TRIP BLAMK
Date Collected: 07/15/15 00:00
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-9
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			07/18/15 00:48	1
Trichloroethene	ND		0.50	0.060	ug/L			07/18/15 00:48	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			07/18/15 00:48	1
Vinyl acetate	ND		2.5	0.17	ug/L			07/18/15 00:48	1
Vinyl chloride	ND		0.50	0.059	ug/L			07/18/15 00:48	1
Xylenes, Total	ND		1.0	0.20	ug/L			07/18/15 00:48	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			07/18/15 00:48	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			07/18/15 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*07/18/15 00:48*	*1*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*		*07/18/15 00:48*	*1*

Surrogate Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB	12DCB
Lab Sample ID	Client Sample ID	(80-120)	(80-120)
480-84039-3	BW-01-07/15	99	101
480-84039-4	SW-01-07/15	99	99
480-84039-9	TRIP BLAMK	97	99
LCS 480-254046/19	Lab Control Sample	100	99
LCSD 480-254046/20	Lab Control Sample Dup	99	99
MB 480-254046/8	Method Blank	99	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
12DCB = 1,2-Dichlorobenzene-d4

Method: 8260C - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-84039-1	MW-02-07/15	100	103	101	102
480-84039-2	MW-07-07/15	101	100	99	105
480-84039-2 MS	MW-07-07/15	96	101	100	100
480-84039-2 MSD	MW-07-07/15	98	102	102	101
480-84039-5	MW-14-07/15	91	86	98	94
480-84039-6	MW-15-07/15	90	86	98	96
480-84039-7	MW-12-07/15	89	89	101	89
480-84039-8	TRIP BLAMK	89	87	95	89
LCS 480-253866/5	Lab Control Sample	88	88	98	93
LCS 480-254224/5	Lab Control Sample	93	102	100	97
MB 480-253866/7	Method Blank	91	88	92	90
MB 480-254224/7	Method Blank	100	98	97	102

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-254046/8
Matrix: Water
Analysis Batch: 254046

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			07/17/15 23:17	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			07/17/15 23:17	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			07/17/15 23:17	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			07/17/15 23:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			07/17/15 23:17	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			07/17/15 23:17	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			07/17/15 23:17	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			07/17/15 23:17	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			07/17/15 23:17	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			07/17/15 23:17	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			07/17/15 23:17	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			07/17/15 23:17	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			07/17/15 23:17	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			07/17/15 23:17	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			07/17/15 23:17	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			07/17/15 23:17	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			07/17/15 23:17	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			07/17/15 23:17	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			07/17/15 23:17	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			07/17/15 23:17	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			07/17/15 23:17	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			07/17/15 23:17	1
2-Hexanone	ND		2.5	0.23	ug/L			07/17/15 23:17	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			07/17/15 23:17	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			07/17/15 23:17	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			07/17/15 23:17	1
Acetone	ND		2.5	0.54	ug/L			07/17/15 23:17	1
Acrylonitrile	ND		10	0.48	ug/L			07/17/15 23:17	1
Allyl chloride	ND		0.50	0.091	ug/L			07/17/15 23:17	1
Benzene	ND		0.50	0.13	ug/L			07/17/15 23:17	1
Bromobenzene	ND		0.50	0.13	ug/L			07/17/15 23:17	1
Bromochloromethane	ND		0.50	0.11	ug/L			07/17/15 23:17	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			07/17/15 23:17	1
Bromoform	ND		0.50	0.13	ug/L			07/17/15 23:17	1
Bromomethane	ND		0.50	0.051	ug/L			07/17/15 23:17	1
Carbon disulfide	ND		0.50	0.15	ug/L			07/17/15 23:17	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			07/17/15 23:17	1
Chlorobenzene	ND		0.50	0.12	ug/L			07/17/15 23:17	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			07/17/15 23:17	1
Chloroethane	ND		0.50	0.070	ug/L			07/17/15 23:17	1
Chloroform	ND		0.50	0.14	ug/L			07/17/15 23:17	1
Chloromethane	ND		0.50	0.063	ug/L			07/17/15 23:17	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			07/17/15 23:17	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			07/17/15 23:17	1
Dibromomethane	ND		0.50	0.17	ug/L			07/17/15 23:17	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			07/17/15 23:17	1
Ethyl ether	ND		0.50	0.12	ug/L			07/17/15 23:17	1
Ethylbenzene	ND		0.50	0.11	ug/L			07/17/15 23:17	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-254046/8
Matrix: Water
Analysis Batch: 254046

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		0.50	0.11	ug/L			07/17/15 23:17	1
Iodomethane	ND		0.50	0.15	ug/L			07/17/15 23:17	1
Isopropylbenzene	ND		0.50	0.053	ug/L			07/17/15 23:17	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			07/17/15 23:17	1
Methylene Chloride	ND		0.50	0.25	ug/L			07/17/15 23:17	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			07/17/15 23:17	1
Naphthalene	ND		0.50	0.060	ug/L			07/17/15 23:17	1
n-Butylbenzene	ND		0.50	0.081	ug/L			07/17/15 23:17	1
N-Propylbenzene	ND		0.50	0.057	ug/L			07/17/15 23:17	1
o-Xylene	ND		0.50	0.044	ug/L			07/17/15 23:17	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			07/17/15 23:17	1
Styrene	ND		0.50	0.044	ug/L			07/17/15 23:17	1
t-Butanol	ND		10	2.5	ug/L			07/17/15 23:17	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			07/17/15 23:17	1
Tetrachloroethene	ND		0.50	0.067	ug/L			07/17/15 23:17	1
Toluene	ND		0.50	0.10	ug/L			07/17/15 23:17	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			07/17/15 23:17	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			07/17/15 23:17	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			07/17/15 23:17	1
Trichloroethene	ND		0.50	0.060	ug/L			07/17/15 23:17	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			07/17/15 23:17	1
Vinyl acetate	ND		2.5	0.17	ug/L			07/17/15 23:17	1
Vinyl chloride	ND		0.50	0.059	ug/L			07/17/15 23:17	1
Xylenes, Total	ND		1.0	0.20	ug/L			07/17/15 23:17	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			07/17/15 23:17	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			07/17/15 23:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*07/17/15 23:17*	*1*
1,2-Dichlorobenzene-d4	*98*		*80 - 120*		*07/17/15 23:17*	*1*

Lab Sample ID: LCS 480-254046/19
Matrix: Water
Analysis Batch: 254046

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	3.56		ug/L		89	70 - 130
1,1,1-Trichloroethane	4.00	3.68		ug/L		92	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.62		ug/L		91	70 - 130
1,1,2-Trichloroethane	4.00	3.86		ug/L		96	70 - 130
1,1-Dichloroethane	4.00	3.60		ug/L		90	70 - 130
1,1-Dichloroethene	4.00	3.67		ug/L		92	70 - 130
1,1-Dichloropropene	4.00	3.60		ug/L		90	70 - 130
1,2,3-Trichlorobenzene	4.00	3.16		ug/L		79	70 - 130
1,2,3-Trichloropropane	4.00	3.85		ug/L		96	70 - 130
1,2,4-Trichlorobenzene	4.00	3.25		ug/L		81	70 - 130
1,2,4-Trimethylbenzene	4.00	3.63		ug/L		91	70 - 130
1,2-Dichlorobenzene	4.00	3.65		ug/L		91	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-254046/19
Matrix: Water
Analysis Batch: 254046

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	4.00	3.88		ug/L		97	70 - 130
1,2-Dichloropropane	4.00	3.85		ug/L		96	70 - 130
1,3,5-Trimethylbenzene	4.00	3.65		ug/L		91	70 - 130
1,3-Dichlorobenzene	4.00	3.74		ug/L		93	70 - 130
1,3-Dichloropropane	4.00	3.81		ug/L		95	70 - 130
1,4-Dichlorobenzene	4.00	3.77		ug/L		94	70 - 130
2,2-Dichloropropane	4.00	3.71		ug/L		93	70 - 130
2-Butanone (MEK)	20.0	18.8		ug/L		94	70 - 130
2-Chlorotoluene	4.00	3.64		ug/L		91	70 - 130
2-Hexanone	20.0	19.1		ug/L		95	70 - 130
4-Chlorotoluene	4.00	3.67		ug/L		92	70 - 130
4-Isopropyltoluene	4.00	3.72		ug/L		93	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	20.2		ug/L		101	70 - 130
Acetone	20.0	19.1		ug/L		95	70 - 130
Benzene	4.00	3.75		ug/L		94	70 - 130
Bromobenzene	4.00	3.79		ug/L		95	70 - 130
Bromochloromethane	4.00	3.88		ug/L		97	70 - 130
Dichlorobromomethane	4.00	3.73		ug/L		93	70 - 130
Bromoform	4.00	3.50		ug/L		87	70 - 130
Bromomethane	4.00	3.22		ug/L		81	70 - 130
Carbon disulfide	4.00	3.74		ug/L		93	70 - 130
Carbon tetrachloride	4.00	4.06		ug/L		102	70 - 130
Chlorobenzene	4.00	3.74		ug/L		94	70 - 130
Chlorodibromomethane	4.00	3.45		ug/L		86	70 - 130
Chloroethane	4.00	3.81		ug/L		95	70 - 130
Chloroform	4.00	3.72		ug/L		93	70 - 130
Chloromethane	4.00	3.91		ug/L		98	70 - 130
cis-1,2-Dichloroethene	4.00	3.81		ug/L		95	70 - 130
cis-1,3-Dichloropropene	4.00	3.76		ug/L		94	70 - 130
Dibromomethane	4.00	3.73		ug/L		93	70 - 130
Dichlorodifluoromethane	4.00	3.45		ug/L		86	70 - 130
Ethylbenzene	4.00	3.63		ug/L		91	70 - 130
Hexachlorobutadiene	4.00	3.17		ug/L		79	70 - 130
Isopropylbenzene	4.00	3.65		ug/L		91	70 - 130
Methyl tert-butyl ether	4.00	3.67		ug/L		92	70 - 130
Methylene Chloride	4.00	3.95		ug/L		99	70 - 130
Naphthalene	4.00	3.13		ug/L		78	70 - 130
n-Butylbenzene	4.00	3.53		ug/L		88	70 - 130
N-Propylbenzene	4.00	3.61		ug/L		90	70 - 130
sec-Butylbenzene	4.00	3.62		ug/L		91	70 - 130
Styrene	4.00	3.62		ug/L		90	70 - 130
tert-Butylbenzene	4.00	3.70		ug/L		93	70 - 130
Tetrachloroethene	4.00	3.72		ug/L		93	70 - 130
Toluene	4.00	3.95		ug/L		99	70 - 130
trans-1,2-Dichloroethene	4.00	3.79		ug/L		95	70 - 130
trans-1,3-Dichloropropene	4.00	3.58		ug/L		89	70 - 130
Trichloroethene	4.00	3.91		ug/L		98	70 - 130
Trichlorofluoromethane	4.00	4.55		ug/L		114	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-254046/19
Matrix: Water
Analysis Batch: 254046

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	4.00	3.81		ug/L		95	70 - 130
Xylenes, Total	8.00	6.99		ug/L		87	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*

Lab Sample ID: LCSD 480-254046/20
Matrix: Water
Analysis Batch: 254046

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.00	3.38		ug/L		85	70 - 130	5	20
1,1,1-Trichloroethane	4.00	3.52		ug/L		88	70 - 130	4	20
1,1,2,2-Tetrachloroethane	4.00	3.58		ug/L		90	70 - 130	1	20
1,1,2-Trichloroethane	4.00	3.87		ug/L		97	70 - 130	0	20
1,1-Dichloroethane	4.00	3.53		ug/L		88	70 - 130	2	20
1,1-Dichloroethene	4.00	3.57		ug/L		89	70 - 130	3	20
1,1-Dichloropropene	4.00	3.61		ug/L		90	70 - 130	0	20
1,2,3-Trichlorobenzene	4.00	3.01		ug/L		75	70 - 130	5	20
1,2,3-Trichloropropane	4.00	3.87		ug/L		97	70 - 130	1	20
1,2,4-Trichlorobenzene	4.00	3.10		ug/L		78	70 - 130	5	20
1,2,4-Trimethylbenzene	4.00	3.47		ug/L		87	70 - 130	4	20
1,2-Dichlorobenzene	4.00	3.63		ug/L		91	70 - 130	0	20
1,2-Dichloroethane	4.00	3.86		ug/L		97	70 - 130	0	20
1,2-Dichloropropane	4.00	3.79		ug/L		95	70 - 130	2	20
1,3,5-Trimethylbenzene	4.00	3.46		ug/L		86	70 - 130	5	20
1,3-Dichlorobenzene	4.00	3.64		ug/L		91	70 - 130	3	20
1,3-Dichloropropane	4.00	3.61		ug/L		90	70 - 130	5	20
1,4-Dichlorobenzene	4.00	3.69		ug/L		92	70 - 130	2	20
2,2-Dichloropropane	4.00	3.56		ug/L		89	70 - 130	4	20
2-Butanone (MEK)	20.0	18.9		ug/L		94	70 - 130	1	20
2-Chlorotoluene	4.00	3.51		ug/L		88	70 - 130	4	20
2-Hexanone	20.0	19.6		ug/L		98	70 - 130	3	20
4-Chlorotoluene	4.00	3.56		ug/L		89	70 - 130	3	20
4-Isopropyltoluene	4.00	3.54		ug/L		89	70 - 130	5	20
4-Methyl-2-pentanone (MIBK)	20.0	20.1		ug/L		100	70 - 130	0	20
Acetone	20.0	18.8		ug/L		94	70 - 130	2	20
Benzene	4.00	3.67		ug/L		92	70 - 130	2	20
Bromobenzene	4.00	3.70		ug/L		92	70 - 130	3	20
Bromochloromethane	4.00	3.80		ug/L		95	70 - 130	2	20
Dichlorobromomethane	4.00	3.52		ug/L		88	70 - 130	6	20
Bromoform	4.00	3.41		ug/L		85	70 - 130	2	20
Bromomethane	4.00	3.10		ug/L		77	70 - 130	4	20
Carbon disulfide	4.00	3.46		ug/L		86	70 - 130	8	20
Carbon tetrachloride	4.00	3.93		ug/L		98	70 - 130	3	20
Chlorobenzene	4.00	3.55		ug/L		89	70 - 130	5	20
Chlorodibromomethane	4.00	3.38		ug/L		85	70 - 130	2	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-254046/20
Matrix: Water
Analysis Batch: 254046

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroethane			4.00	3.60		ug/L		90	70 - 130	6	20
Chloroform			4.00	3.63		ug/L		91	70 - 130	2	20
Chloromethane			4.00	3.71		ug/L		93	70 - 130	5	20
cis-1,2-Dichloroethene			4.00	3.63		ug/L		91	70 - 130	5	20
cis-1,3-Dichloropropene			4.00	3.69		ug/L		92	70 - 130	2	20
Dibromomethane			4.00	3.68		ug/L		92	70 - 130	2	20
Dichlorodifluoromethane			4.00	3.31		ug/L		83	70 - 130	4	20
Ethylbenzene			4.00	3.49		ug/L		87	70 - 130	4	20
Hexachlorobutadiene			4.00	2.90		ug/L		73	70 - 130	9	20
Isopropylbenzene			4.00	3.48		ug/L		87	70 - 130	5	20
Methyl tert-butyl ether			4.00	3.78		ug/L		94	70 - 130	3	20
Methylene Chloride			4.00	3.94		ug/L		98	70 - 130	0	20
Naphthalene			4.00	3.08		ug/L		77	70 - 130	2	20
n-Butylbenzene			4.00	3.37		ug/L		84	70 - 130	5	20
N-Propylbenzene			4.00	3.53		ug/L		88	70 - 130	2	20
sec-Butylbenzene			4.00	3.49		ug/L		87	70 - 130	4	20
Styrene			4.00	3.57		ug/L		89	70 - 130	1	20
tert-Butylbenzene			4.00	3.54		ug/L		89	70 - 130	4	20
Tetrachloroethene			4.00	3.56		ug/L		89	70 - 130	5	20
Toluene			4.00	3.79		ug/L		95	70 - 130	4	20
trans-1,2-Dichloroethene			4.00	3.71		ug/L		93	70 - 130	2	20
trans-1,3-Dichloropropene			4.00	3.54		ug/L		89	70 - 130	1	20
Trichloroethene			4.00	3.77		ug/L		94	70 - 130	4	20
Trichlorofluoromethane			4.00	4.20		ug/L		105	70 - 130	8	20
Vinyl chloride			4.00	3.59		ug/L		90	70 - 130	6	20
Xylenes, Total			8.00	7.05		ug/L		88	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
1,2-Dichlorobenzene-d4	*99*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-253866/7
Matrix: Water
Analysis Batch: 253866

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			07/17/15 11:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/17/15 11:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/17/15 11:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/17/15 11:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/17/15 11:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/17/15 11:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/17/15 11:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/17/15 11:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/17/15 11:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/17/15 11:51	1

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

Lab Sample ID: MB 480-253866/7
Matrix: Water
Analysis Batch: 253866

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/17/15 11:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/17/15 11:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/17/15 11:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/17/15 11:51	1
2-Hexanone	ND		5.0	1.2	ug/L			07/17/15 11:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/17/15 11:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/17/15 11:51	1
Acetone	ND		10	3.0	ug/L			07/17/15 11:51	1
Benzene	ND		1.0	0.41	ug/L			07/17/15 11:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/17/15 11:51	1
Bromoform	ND		1.0	0.26	ug/L			07/17/15 11:51	1
Bromomethane	ND		1.0	0.69	ug/L			07/17/15 11:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/17/15 11:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/17/15 11:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/17/15 11:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/17/15 11:51	1
Chloroethane	ND		1.0	0.32	ug/L			07/17/15 11:51	1
Chloroform	ND		1.0	0.34	ug/L			07/17/15 11:51	1
Chloromethane	ND		1.0	0.35	ug/L			07/17/15 11:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/17/15 11:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/17/15 11:51	1
Cyclohexane	ND		1.0	0.18	ug/L			07/17/15 11:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/17/15 11:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/17/15 11:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/17/15 11:51	1
Methyl acetate	ND		2.5	0.50	ug/L			07/17/15 11:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/17/15 11:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/17/15 11:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/17/15 11:51	1
Styrene	ND		1.0	0.73	ug/L			07/17/15 11:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/17/15 11:51	1
Toluene	ND		1.0	0.51	ug/L			07/17/15 11:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/17/15 11:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/17/15 11:51	1
Trichloroethene	ND		1.0	0.46	ug/L			07/17/15 11:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/17/15 11:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/17/15 11:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/17/15 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*07/17/15 11:51*	*1*
Toluene-d8 (Surr)	*88*		*71 - 126*		*07/17/15 11:51*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*07/17/15 11:51*	*1*
Dibromofluoromethane (Surr)	*90*		*60 - 140*		*07/17/15 11:51*	*1*

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

Lab Sample ID: LCS 480-253866/5
Matrix: Water
Analysis Batch: 253866

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	22.8		ug/L		91	71 - 129
1,1-Dichloroethene	25.0	22.0		ug/L		88	58 - 121
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	22.9		ug/L		92	75 - 127
Benzene	25.0	23.0		ug/L		92	71 - 124
Chlorobenzene	25.0	22.7		ug/L		91	72 - 120
cis-1,2-Dichloroethene	25.0	22.5		ug/L		90	74 - 124
Ethylbenzene	25.0	23.0		ug/L		92	77 - 123
Methyl tert-butyl ether	25.0	20.6		ug/L		82	64 - 127
Tetrachloroethene	25.0	24.2		ug/L		97	74 - 122
Toluene	25.0	22.7		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	22.7		ug/L		91	73 - 127
Trichloroethene	25.0	23.3		ug/L		93	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*66 - 137*
Toluene-d8 (Surr)	*88*		*71 - 126*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Dibromofluoromethane (Surr)	*93*		*60 - 140*

Lab Sample ID: MB 480-254224/7
Matrix: Water
Analysis Batch: 254224

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			07/20/15 11:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/20/15 11:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/20/15 11:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/20/15 11:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/20/15 11:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/20/15 11:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/20/15 11:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/20/15 11:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/20/15 11:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/20/15 11:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/20/15 11:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/20/15 11:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/20/15 11:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/20/15 11:33	1
2-Hexanone	ND		5.0	1.2	ug/L			07/20/15 11:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/20/15 11:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/20/15 11:33	1
Acetone	ND		10	3.0	ug/L			07/20/15 11:33	1
Benzene	ND		1.0	0.41	ug/L			07/20/15 11:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/20/15 11:33	1
Bromoform	ND		1.0	0.26	ug/L			07/20/15 11:33	1
Bromomethane	ND		1.0	0.69	ug/L			07/20/15 11:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/20/15 11:33	1

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

Lab Sample ID: MB 480-254224/7
Matrix: Water
Analysis Batch: 254224

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/20/15 11:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/20/15 11:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/20/15 11:33	1
Chloroethane	ND		1.0	0.32	ug/L			07/20/15 11:33	1
Chloroform	ND		1.0	0.34	ug/L			07/20/15 11:33	1
Chloromethane	ND		1.0	0.35	ug/L			07/20/15 11:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/20/15 11:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/20/15 11:33	1
Cyclohexane	ND		1.0	0.18	ug/L			07/20/15 11:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/20/15 11:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/20/15 11:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/20/15 11:33	1
Methyl acetate	ND		2.5	0.50	ug/L			07/20/15 11:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/20/15 11:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/20/15 11:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/20/15 11:33	1
Styrene	ND		1.0	0.73	ug/L			07/20/15 11:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/20/15 11:33	1
Toluene	ND		1.0	0.51	ug/L			07/20/15 11:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/20/15 11:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/20/15 11:33	1
Trichloroethene	ND		1.0	0.46	ug/L			07/20/15 11:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/20/15 11:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/20/15 11:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/20/15 11:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*07/20/15 11:33*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*07/20/15 11:33*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*07/20/15 11:33*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*07/20/15 11:33*	*1*

Lab Sample ID: LCS 480-254224/5
Matrix: Water
Analysis Batch: 254224

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	24.7		ug/L		99	71 - 129
1,1-Dichloroethene	25.0	22.5		ug/L		90	58 - 121
1,2-Dichlorobenzene	25.0	26.8		ug/L		107	80 - 124
1,2-Dichloroethane	25.0	23.8		ug/L		95	75 - 127
Benzene	25.0	24.7		ug/L		99	71 - 124
Chlorobenzene	25.0	26.9		ug/L		108	72 - 120
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	74 - 124
Ethylbenzene	25.0	26.9		ug/L		107	77 - 123
Methyl tert-butyl ether	25.0	23.6		ug/L		94	64 - 127
Tetrachloroethene	25.0	28.0		ug/L		112	74 - 122
Toluene	25.0	27.0		ug/L		108	80 - 122

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

Lab Sample ID: LCS 480-254224/5
Matrix: Water
Analysis Batch: 254224

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
trans-1,2-Dichloroethene			25.0	23.8		ug/L		95	73 - 127		
Trichloroethene			25.0	25.2		ug/L		101	74 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*
Toluene-d8 (Surr)	*102*		*71 - 126*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*97*		*60 - 140*

Lab Sample ID: 480-84039-2 MS
Matrix: Water
Analysis Batch: 254224

Client Sample ID: MW-07-07/15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethane	5.5		50.0	51.2		ug/L		91	71 - 129		
1,1-Dichloroethene	1.4	J	50.0	40.9		ug/L		79	58 - 121		
1,2-Dichlorobenzene	ND		50.0	51.0		ug/L		102	80 - 124		
1,2-Dichloroethane	ND		50.0	46.7		ug/L		93	75 - 127		
Benzene	ND		50.0	46.9		ug/L		94	71 - 124		
Chlorobenzene	ND		50.0	50.0		ug/L		100	72 - 120		
cis-1,2-Dichloroethene	30		50.0	74.5		ug/L		88	74 - 124		
Ethylbenzene	ND		50.0	49.4		ug/L		99	77 - 123		
Methyl tert-butyl ether	ND		50.0	44.5		ug/L		89	64 - 127		
Tetrachloroethene	140	F1	50.0	171	F1	ug/L		57	74 - 122		
Toluene	ND		50.0	48.8		ug/L		98	80 - 122		
trans-1,2-Dichloroethene	ND		50.0	45.0		ug/L		90	73 - 127		
Trichloroethene	28		50.0	70.6		ug/L		86	74 - 123		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*
Toluene-d8 (Surr)	*101*		*71 - 126*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

Lab Sample ID: 480-84039-2 MSD
Matrix: Water
Analysis Batch: 254224

Client Sample ID: MW-07-07/15
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	5.5		50.0	49.3		ug/L		88	71 - 129	4	20
1,1-Dichloroethene	1.4	J	50.0	40.3		ug/L		78	58 - 121	1	16
1,2-Dichlorobenzene	ND		50.0	49.9		ug/L		100	80 - 124	2	20
1,2-Dichloroethane	ND		50.0	45.8		ug/L		92	75 - 127	2	20
Benzene	ND		50.0	45.9		ug/L		92	71 - 124	2	13
Chlorobenzene	ND		50.0	49.8		ug/L		100	72 - 120	0	25
cis-1,2-Dichloroethene	30		50.0	72.9		ug/L		85	74 - 124	2	15
Ethylbenzene	ND		50.0	48.3		ug/L		97	77 - 123	2	15
Methyl tert-butyl ether	ND		50.0	45.1		ug/L		90	64 - 127	1	37

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

Lab Sample ID: 480-84039-2 MSD
Matrix: Water
Analysis Batch: 254224

Client Sample ID: MW-07-07/15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	140	F1	50.0	163	F1	ug/L		40	74 - 122	5	20
Toluene	ND		50.0	48.1		ug/L		96	80 - 122	1	15
trans-1,2-Dichloroethene	ND		50.0	42.8		ug/L		86	73 - 127	5	20
Trichloroethene	28		50.0	69.4		ug/L		83	74 - 123	2	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*
Toluene-d8 (Surr)	*102*		*71 - 126*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

QC Association Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

GC/MS VOA

Analysis Batch: 253866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-84039-5	MW-14-07/15	Total/NA	Water	8260C	
480-84039-6	MW-15-07/15	Total/NA	Water	8260C	
480-84039-7	MW-12-07/15	Total/NA	Water	8260C	
480-84039-8	TRIP BLAMK	Total/NA	Water	8260C	
LCS 480-253866/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-253866/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 254046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-84039-3	BW-01-07/15	Total/NA	Water	524.2	
480-84039-4	SW-01-07/15	Total/NA	Water	524.2	
480-84039-9	TRIP BLAMK	Total/NA	Water	524.2	
LCS 480-254046/19	Lab Control Sample	Total/NA	Water	524.2	
LCSD 480-254046/20	Lab Control Sample Dup	Total/NA	Water	524.2	
MB 480-254046/8	Method Blank	Total/NA	Water	524.2	

Analysis Batch: 254224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-84039-1	MW-02-07/15	Total/NA	Water	8260C	
480-84039-2	MW-07-07/15	Total/NA	Water	8260C	
480-84039-2 MS	MW-07-07/15	Total/NA	Water	8260C	
480-84039-2 MSD	MW-07-07/15	Total/NA	Water	8260C	
LCS 480-254224/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-254224/7	Method Blank	Total/NA	Water	8260C	

Lab Chronicle

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Client Sample ID: MW-02-07/15
Date Collected: 07/15/15 10:40
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	254224	07/20/15 17:14	LJF	TAL BUF

Client Sample ID: MW-07-07/15
Date Collected: 07/15/15 11:50
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	254224	07/20/15 17:36	LJF	TAL BUF

Client Sample ID: BW-01-07/15
Date Collected: 07/15/15 12:10
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	254046	07/17/15 23:54	CDC	TAL BUF

Client Sample ID: SW-01-07/15
Date Collected: 07/15/15 13:15
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	254046	07/18/15 00:21	CDC	TAL BUF

Client Sample ID: MW-14-07/15
Date Collected: 07/15/15 14:00
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	253866	07/17/15 16:02	GTG	TAL BUF

Client Sample ID: MW-15-07/15
Date Collected: 07/15/15 15:05
Date Received: 07/16/15 08:18

Lab Sample ID: 480-84039-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	253866	07/17/15 16:25	GTG	TAL BUF

Lab Chronicle

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Client Sample ID: MW-12-07/15

Lab Sample ID: 480-84039-7
Matrix: Water
Date Collected: 07/15/15 16:30
Date Received: 07/16/15 08:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	253866	07/17/15 16:49	GTG	TAL BUF

Client Sample ID: TRIP BLAMK

Lab Sample ID: 480-84039-8
Matrix: Water
Date Collected: 07/15/15 00:00
Date Received: 07/16/15 08:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	253866	07/17/15 17:13	GTG	TAL BUF

Client Sample ID: TRIP BLAMK

Lab Sample ID: 480-84039-9
Matrix: Water
Date Collected: 07/15/15 00:00
Date Received: 07/16/15 08:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	254046	07/18/15 00:48	CDC	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: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
524.2		Water	2-Butanone (MEK)
524.2		Water	2-Hexanone
524.2		Water	4-Methyl-2-pentanone (MIBK)
524.2		Water	Acetone
524.2		Water	Acrylonitrile
524.2		Water	Allyl chloride
524.2		Water	Carbon disulfide
524.2		Water	Dichlorofluoromethane
524.2		Water	Ethyl ether
524.2		Water	m-Xylene & p-Xylene
524.2		Water	o-Xylene
524.2		Water	t-Butanol
524.2		Water	trans-1,4-Dichloro-2-butene
524.2		Water	Vinyl acetate

Method Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL BUF
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.
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: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-84039-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-84039-1	MW-02-07/15	Water	07/15/15 10:40	07/16/15 08:18
480-84039-2	MW-07-07/15	Water	07/15/15 11:50	07/16/15 08:18
480-84039-3	BW-01-07/15	Water	07/15/15 12:10	07/16/15 08:18
480-84039-4	SW-01-07/15	Water	07/15/15 13:15	07/16/15 08:18
480-84039-5	MW-14-07/15	Water	07/15/15 14:00	07/16/15 08:18
480-84039-6	MW-15-07/15	Water	07/15/15 15:05	07/16/15 08:18
480-84039-7	MW-12-07/15	Water	07/15/15 16:30	07/16/15 08:18
480-84039-8	TRIP BLAMK	Water	07/15/15 00:00	07/16/15 08:18
480-84039-9	TRIP BLAMK	Water	07/15/15 00:00	07/16/15 08:18

CHAIN OF CUSTODY RECORD

480-84039 Chain of Custody

PROJECT NO. 1117299 | SITE NAME Wyoming City F.T.C.

SAMPLERS (PRINT/SIGNATURE) John Boyd

DELIVERY SERVICE: Drop off | AIRBILL NO.:

LAB TEST AMERICA

COOLER 1 of 1

PAGE ____ of ____

TESTS: TCL VOC's 8260; VOC's 524.2

BOTTLE TYPE AND PRESERVATIVE

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# OF CONTAINERS								REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (IFRPIMS ONLY)
	7/15/15	1040	Grab	MW-02-07/15	WG	3	3								N			
		1150		MW-07-07/15	WG	3	3								N			
		1150		MW-07-07/15 MS	WG	3	3								MS			
		1150		MW-07-07/15 SD	WG	3	3								SD			
		1210		BW-01-07/15	WG	3		3							N			
		1315		SW-01-07/15	WG	3		3							N			
		1400		MW-14-07/15	WG	3	3								N			
		1505		MW-15-07/15	WG	3	3								N			
		1630		MW-12-07/15	WG	3	3								N			
		-		Trip blank	WQ	1	1								TB			
		-		Trip blank	WQ	1		1							TB			

MATRIX CODES	AA - AMBIENT AIR SE - SEDIMENT SH - HAZARDOUS SOLID WASTE	SL - SLUDGE WP - DRINKING WATER WW - WASTE WATER	WG - GROUND WATER SO - SOIL DC - DRILL CUTTINGS	WL - LEACHATE GS - SOIL GAS WC - DRILLING WATER	WO - OCEAN WATER WS - SURFACE WATER WQ - WATER FIELD QC	LH - HAZARDOUS LIQUID WASTE LF - FLOATING/FREE PRODUCT ON GW TABLE
SAMPLE TYPE CODES	TB# - TRIP BLANK SD# - MATRIX SPIKE DUPLICATE	RB# - RINSE BLANK FR# - FIELD REPLICATE	N# - NORMAL ENVIRONMENTAL SAMPLE MS# - MATRIX SPIKE	(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)		

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
John Boyd	7/16/15	0818		7/16/15	0818
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS

#12.8

Distribution: Original accompanies shipment, copy to coordinator field files

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 480-84039-1

Login Number: 84039
List Number: 1
Creator: Wallace, Cameron

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.	True	
Chlorine Residual checked.	False	lab check rc

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: 480-73277-1
Client Project/Site: 11172991.00000 - Wyoming County Fire Ctr

For:
URS Corporation
257 W. Genesee Street
Buffalo, New York 14203

Attn: John Boyd

Authorized for release by:
12/30/2014 3:20:41 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

Definitions/Glossary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Qualifiers

GC/MS VOA

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

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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-73277-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-73277-1

Receipt
The samples were received on 12/18/2014 3:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9º C.

GC/MS VOA
Method(s) 524.2: The continuing calibration verification (CCV) associated with batch 220503 recovered above the upper control limit for Vinyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-220503/2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Client Sample ID: SW-01-12/14 — Lab Sample ID: 480-73277-1

No Detections.

Client Sample ID: BW-01-12/14 — Lab Sample ID: 480-73277-2

No Detections.

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-73277-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.30	J	0.50	0.25	ug/L	1		524.2	Total/NA

This Detection Summary does not include radiochemical test results.

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Client Sample ID: SW-01-12/14
Date Collected: 12/18/14 12:55
Date Received: 12/18/14 15:00

Lab Sample ID: 480-73277-1
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/23/14 02:29	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			12/23/14 02:29	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			12/23/14 02:29	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			12/23/14 02:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			12/23/14 02:29	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			12/23/14 02:29	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			12/23/14 02:29	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			12/23/14 02:29	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			12/23/14 02:29	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			12/23/14 02:29	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 02:29	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			12/23/14 02:29	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.21	ug/L			12/23/14 02:29	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			12/23/14 02:29	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			12/23/14 02:29	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/23/14 02:29	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			12/23/14 02:29	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			12/23/14 02:29	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 02:29	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			12/23/14 02:29	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 02:29	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			12/23/14 02:29	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			12/23/14 02:29	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			12/23/14 02:29	1
2-Hexanone	ND		2.5	0.23	ug/L			12/23/14 02:29	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			12/23/14 02:29	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			12/23/14 02:29	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			12/23/14 02:29	1
Acetone	ND		2.5	0.54	ug/L			12/23/14 02:29	1
Acrylonitrile	ND		10	0.48	ug/L			12/23/14 02:29	1
Allyl chloride	ND		0.50	0.091	ug/L			12/23/14 02:29	1
Benzene	ND		0.50	0.13	ug/L			12/23/14 02:29	1
Bromobenzene	ND		0.50	0.13	ug/L			12/23/14 02:29	1
Bromochloromethane	ND		0.50	0.11	ug/L			12/23/14 02:29	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			12/23/14 02:29	1
Bromoform	ND		0.50	0.13	ug/L			12/23/14 02:29	1
Bromomethane	ND		0.50	0.051	ug/L			12/23/14 02:29	1
Carbon disulfide	ND		0.50	0.15	ug/L			12/23/14 02:29	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			12/23/14 02:29	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/23/14 02:29	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			12/23/14 02:29	1
Chloroethane	ND		0.50	0.070	ug/L			12/23/14 02:29	1
Chloroform	ND		0.50	0.14	ug/L			12/23/14 02:29	1
Chloromethane	ND		0.50	0.063	ug/L			12/23/14 02:29	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			12/23/14 02:29	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/23/14 02:29	1
Dibromomethane	ND		0.50	0.17	ug/L			12/23/14 02:29	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			12/23/14 02:29	1
Ethyl ether	ND		0.50	0.12	ug/L			12/23/14 02:29	1

Client Sample ID: SW-01-12/14
Date Collected: 12/18/14 12:55
Date Received: 12/18/14 15:00

Lab Sample ID: 480-73277-1
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.50	0.11	ug/L			12/23/14 02:29	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			12/23/14 02:29	1
Iodomethane	ND		0.50	0.15	ug/L			12/23/14 02:29	1
Isopropylbenzene	ND		0.50	0.053	ug/L			12/23/14 02:29	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			12/23/14 02:29	1
Methylene Chloride	ND		0.50	0.25	ug/L			12/23/14 02:29	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			12/23/14 02:29	1
Naphthalene	ND		0.50	0.060	ug/L			12/23/14 02:29	1
n-Butylbenzene	ND		0.50	0.081	ug/L			12/23/14 02:29	1
N-Propylbenzene	ND		0.50	0.057	ug/L			12/23/14 02:29	1
o-Xylene	ND		0.50	0.044	ug/L			12/23/14 02:29	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			12/23/14 02:29	1
Styrene	ND		0.50	0.044	ug/L			12/23/14 02:29	1
t-Butanol	ND		10	2.5	ug/L			12/23/14 02:29	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			12/23/14 02:29	1
Tetrachloroethene	ND		0.50	0.067	ug/L			12/23/14 02:29	1
Toluene	ND		0.50	0.10	ug/L			12/23/14 02:29	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			12/23/14 02:29	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/23/14 02:29	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			12/23/14 02:29	1
Trichloroethene	ND		0.50	0.060	ug/L			12/23/14 02:29	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			12/23/14 02:29	1
Vinyl acetate	ND		2.5	0.17	ug/L			12/23/14 02:29	1
Vinyl chloride	ND		0.50	0.059	ug/L			12/23/14 02:29	1
Xylenes, Total	ND		1.0	0.20	ug/L			12/23/14 02:29	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			12/23/14 02:29	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			12/23/14 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/23/14 02:29*	*1*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*12/23/14 02:29*	*1*

Client Sample ID: BW-01-12/14
Date Collected: 12/18/14 13:10
Date Received: 12/18/14 15:00

Lab Sample ID: 480-73277-2
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/23/14 02:55	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			12/23/14 02:55	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			12/23/14 02:55	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			12/23/14 02:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			12/23/14 02:55	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			12/23/14 02:55	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			12/23/14 02:55	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			12/23/14 02:55	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			12/23/14 02:55	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			12/23/14 02:55	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 02:55	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			12/23/14 02:55	1

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Client Sample ID: BW-01-12/14
Date Collected: 12/18/14 13:10
Date Received: 12/18/14 15:00

Lab Sample ID: 480-73277-2
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		0.50	0.21	ug/L			12/23/14 02:55	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			12/23/14 02:55	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			12/23/14 02:55	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/23/14 02:55	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			12/23/14 02:55	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			12/23/14 02:55	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 02:55	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			12/23/14 02:55	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 02:55	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			12/23/14 02:55	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			12/23/14 02:55	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			12/23/14 02:55	1
2-Hexanone	ND		2.5	0.23	ug/L			12/23/14 02:55	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			12/23/14 02:55	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			12/23/14 02:55	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			12/23/14 02:55	1
Acetone	ND		2.5	0.54	ug/L			12/23/14 02:55	1
Acrylonitrile	ND		10	0.48	ug/L			12/23/14 02:55	1
Allyl chloride	ND		0.50	0.091	ug/L			12/23/14 02:55	1
Benzene	ND		0.50	0.13	ug/L			12/23/14 02:55	1
Bromobenzene	ND		0.50	0.13	ug/L			12/23/14 02:55	1
Bromochloromethane	ND		0.50	0.11	ug/L			12/23/14 02:55	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			12/23/14 02:55	1
Bromoform	ND		0.50	0.13	ug/L			12/23/14 02:55	1
Bromomethane	ND		0.50	0.051	ug/L			12/23/14 02:55	1
Carbon disulfide	ND		0.50	0.15	ug/L			12/23/14 02:55	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			12/23/14 02:55	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/23/14 02:55	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			12/23/14 02:55	1
Chloroethane	ND		0.50	0.070	ug/L			12/23/14 02:55	1
Chloroform	ND		0.50	0.14	ug/L			12/23/14 02:55	1
Chloromethane	ND		0.50	0.063	ug/L			12/23/14 02:55	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			12/23/14 02:55	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/23/14 02:55	1
Dibromomethane	ND		0.50	0.17	ug/L			12/23/14 02:55	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			12/23/14 02:55	1
Ethyl ether	ND		0.50	0.12	ug/L			12/23/14 02:55	1
Ethylbenzene	ND		0.50	0.11	ug/L			12/23/14 02:55	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			12/23/14 02:55	1
Iodomethane	ND		0.50	0.15	ug/L			12/23/14 02:55	1
Isopropylbenzene	ND		0.50	0.053	ug/L			12/23/14 02:55	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			12/23/14 02:55	1
Methylene Chloride	ND		0.50	0.25	ug/L			12/23/14 02:55	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			12/23/14 02:55	1
Naphthalene	ND		0.50	0.060	ug/L			12/23/14 02:55	1
n-Butylbenzene	ND		0.50	0.081	ug/L			12/23/14 02:55	1
N-Propylbenzene	ND		0.50	0.057	ug/L			12/23/14 02:55	1
o-Xylene	ND		0.50	0.044	ug/L			12/23/14 02:55	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			12/23/14 02:55	1

Client Sample ID: BW-01-12/14

Lab Sample ID: 480-73277-2

Date Collected: 12/18/14 13:10

Matrix: Water

Date Received: 12/18/14 15:00

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.50	0.044	ug/L			12/23/14 02:55	1
t-Butanol	ND		10	2.5	ug/L			12/23/14 02:55	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			12/23/14 02:55	1
Tetrachloroethene	ND		0.50	0.067	ug/L			12/23/14 02:55	1
Toluene	ND		0.50	0.10	ug/L			12/23/14 02:55	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			12/23/14 02:55	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/23/14 02:55	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			12/23/14 02:55	1
Trichloroethene	ND		0.50	0.060	ug/L			12/23/14 02:55	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			12/23/14 02:55	1
Vinyl acetate	ND		2.5	0.17	ug/L			12/23/14 02:55	1
Vinyl chloride	ND		0.50	0.059	ug/L			12/23/14 02:55	1
Xylenes, Total	ND		1.0	0.20	ug/L			12/23/14 02:55	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			12/23/14 02:55	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			12/23/14 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*12/23/14 02:55*	*1*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*12/23/14 02:55*	*1*

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-73277-3

Date Collected: 12/18/14 00:00

Matrix: Water

Date Received: 12/18/14 15:00

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/23/14 03:22	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			12/23/14 03:22	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			12/23/14 03:22	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			12/23/14 03:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			12/23/14 03:22	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			12/23/14 03:22	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			12/23/14 03:22	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			12/23/14 03:22	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			12/23/14 03:22	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			12/23/14 03:22	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 03:22	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			12/23/14 03:22	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.21	ug/L			12/23/14 03:22	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			12/23/14 03:22	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			12/23/14 03:22	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/23/14 03:22	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			12/23/14 03:22	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			12/23/14 03:22	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 03:22	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			12/23/14 03:22	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 03:22	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			12/23/14 03:22	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			12/23/14 03:22	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			12/23/14 03:22	1

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Client Sample ID: TRIP BLANK
Date Collected: 12/18/14 00:00
Date Received: 12/18/14 15:00

Lab Sample ID: 480-73277-3
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		2.5	0.23	ug/L			12/23/14 03:22	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			12/23/14 03:22	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			12/23/14 03:22	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			12/23/14 03:22	1
Acetone	ND		2.5	0.54	ug/L			12/23/14 03:22	1
Acrylonitrile	ND		10	0.48	ug/L			12/23/14 03:22	1
Allyl chloride	ND		0.50	0.091	ug/L			12/23/14 03:22	1
Benzene	ND		0.50	0.13	ug/L			12/23/14 03:22	1
Bromobenzene	ND		0.50	0.13	ug/L			12/23/14 03:22	1
Bromochloromethane	ND		0.50	0.11	ug/L			12/23/14 03:22	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			12/23/14 03:22	1
Bromoform	ND		0.50	0.13	ug/L			12/23/14 03:22	1
Bromomethane	ND		0.50	0.051	ug/L			12/23/14 03:22	1
Carbon disulfide	ND		0.50	0.15	ug/L			12/23/14 03:22	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			12/23/14 03:22	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/23/14 03:22	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			12/23/14 03:22	1
Chloroethane	ND		0.50	0.070	ug/L			12/23/14 03:22	1
Chloroform	ND		0.50	0.14	ug/L			12/23/14 03:22	1
Chloromethane	ND		0.50	0.063	ug/L			12/23/14 03:22	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			12/23/14 03:22	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/23/14 03:22	1
Dibromomethane	ND		0.50	0.17	ug/L			12/23/14 03:22	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			12/23/14 03:22	1
Ethyl ether	ND		0.50	0.12	ug/L			12/23/14 03:22	1
Ethylbenzene	ND		0.50	0.11	ug/L			12/23/14 03:22	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			12/23/14 03:22	1
Iodomethane	ND		0.50	0.15	ug/L			12/23/14 03:22	1
Isopropylbenzene	ND		0.50	0.053	ug/L			12/23/14 03:22	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			12/23/14 03:22	1
Methylene Chloride	**0.30**	**J**	0.50	0.25	ug/L			12/23/14 03:22	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			12/23/14 03:22	1
Naphthalene	ND		0.50	0.060	ug/L			12/23/14 03:22	1
n-Butylbenzene	ND		0.50	0.081	ug/L			12/23/14 03:22	1
N-Propylbenzene	ND		0.50	0.057	ug/L			12/23/14 03:22	1
o-Xylene	ND		0.50	0.044	ug/L			12/23/14 03:22	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			12/23/14 03:22	1
Styrene	ND		0.50	0.044	ug/L			12/23/14 03:22	1
t-Butanol	ND		10	2.5	ug/L			12/23/14 03:22	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			12/23/14 03:22	1
Tetrachloroethene	ND		0.50	0.067	ug/L			12/23/14 03:22	1
Toluene	ND		0.50	0.10	ug/L			12/23/14 03:22	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			12/23/14 03:22	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/23/14 03:22	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			12/23/14 03:22	1
Trichloroethene	ND		0.50	0.060	ug/L			12/23/14 03:22	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			12/23/14 03:22	1
Vinyl acetate	ND		2.5	0.17	ug/L			12/23/14 03:22	1
Vinyl chloride	ND		0.50	0.059	ug/L			12/23/14 03:22	1

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Client Sample ID: TRIP BLANK
Date Collected: 12/18/14 00:00
Date Received: 12/18/14 15:00

Lab Sample ID: 480-73277-3
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		1.0	0.20	ug/L			12/23/14 03:22	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			12/23/14 03:22	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			12/23/14 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*12/23/14 03:22*	*1*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*12/23/14 03:22*	*1*

Surrogate Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB	12DCB								
Lab Sample ID	Client Sample ID	(80-120)	(80-120)								
480-73277-1	SW-01-12/14	94	104								
480-73277-2	BW-01-12/14	93	102								
480-73277-3	TRIP BLANK	93	102								
LCS 480-220503/3	Lab Control Sample	96	102								
LCSD 480-220503/4	Lab Control Sample Dup	93	103								
MB 480-220503/5	Method Blank	94	104								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

12DCB = 1,2-Dichlorobenzene-d4

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-220503/5
Matrix: Water
Analysis Batch: 220503

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			12/23/14 01:47	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			12/23/14 01:47	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			12/23/14 01:47	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			12/23/14 01:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			12/23/14 01:47	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			12/23/14 01:47	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			12/23/14 01:47	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			12/23/14 01:47	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			12/23/14 01:47	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			12/23/14 01:47	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 01:47	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			12/23/14 01:47	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.21	ug/L			12/23/14 01:47	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			12/23/14 01:47	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			12/23/14 01:47	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			12/23/14 01:47	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			12/23/14 01:47	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			12/23/14 01:47	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 01:47	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			12/23/14 01:47	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			12/23/14 01:47	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			12/23/14 01:47	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			12/23/14 01:47	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			12/23/14 01:47	1
2-Hexanone	ND		2.5	0.23	ug/L			12/23/14 01:47	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			12/23/14 01:47	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			12/23/14 01:47	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			12/23/14 01:47	1
Acetone	ND		2.5	0.54	ug/L			12/23/14 01:47	1
Acrylonitrile	ND		10	0.48	ug/L			12/23/14 01:47	1
Allyl chloride	ND		0.50	0.091	ug/L			12/23/14 01:47	1
Benzene	ND		0.50	0.13	ug/L			12/23/14 01:47	1
Bromobenzene	ND		0.50	0.13	ug/L			12/23/14 01:47	1
Bromochloromethane	ND		0.50	0.11	ug/L			12/23/14 01:47	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			12/23/14 01:47	1
Bromoform	ND		0.50	0.13	ug/L			12/23/14 01:47	1
Bromomethane	ND		0.50	0.051	ug/L			12/23/14 01:47	1
Carbon disulfide	ND		0.50	0.15	ug/L			12/23/14 01:47	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			12/23/14 01:47	1
Chlorobenzene	ND		0.50	0.12	ug/L			12/23/14 01:47	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			12/23/14 01:47	1
Chloroethane	ND		0.50	0.070	ug/L			12/23/14 01:47	1
Chloroform	ND		0.50	0.14	ug/L			12/23/14 01:47	1
Chloromethane	ND		0.50	0.063	ug/L			12/23/14 01:47	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			12/23/14 01:47	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			12/23/14 01:47	1
Dibromomethane	ND		0.50	0.17	ug/L			12/23/14 01:47	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			12/23/14 01:47	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-220503/5
Matrix: Water
Analysis Batch: 220503

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl ether	ND		0.50	0.12	ug/L			12/23/14 01:47	1
Ethylbenzene	ND		0.50	0.11	ug/L			12/23/14 01:47	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			12/23/14 01:47	1
Iodomethane	ND		0.50	0.15	ug/L			12/23/14 01:47	1
Isopropylbenzene	ND		0.50	0.053	ug/L			12/23/14 01:47	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			12/23/14 01:47	1
Methylene Chloride	ND		0.50	0.25	ug/L			12/23/14 01:47	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			12/23/14 01:47	1
Naphthalene	ND		0.50	0.060	ug/L			12/23/14 01:47	1
n-Butylbenzene	ND		0.50	0.081	ug/L			12/23/14 01:47	1
N-Propylbenzene	ND		0.50	0.057	ug/L			12/23/14 01:47	1
o-Xylene	ND		0.50	0.044	ug/L			12/23/14 01:47	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			12/23/14 01:47	1
Styrene	ND		0.50	0.044	ug/L			12/23/14 01:47	1
t-Butanol	ND		10	2.5	ug/L			12/23/14 01:47	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			12/23/14 01:47	1
Tetrachloroethene	ND		0.50	0.067	ug/L			12/23/14 01:47	1
Toluene	ND		0.50	0.10	ug/L			12/23/14 01:47	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			12/23/14 01:47	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			12/23/14 01:47	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			12/23/14 01:47	1
Trichloroethene	ND		0.50	0.060	ug/L			12/23/14 01:47	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			12/23/14 01:47	1
Vinyl acetate	ND		2.5	0.17	ug/L			12/23/14 01:47	1
Vinyl chloride	ND		0.50	0.059	ug/L			12/23/14 01:47	1
Xylenes, Total	ND		1.0	0.20	ug/L			12/23/14 01:47	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			12/23/14 01:47	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			12/23/14 01:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/23/14 01:47*	*1*
1,2-Dichlorobenzene-d4	*104*		*80 - 120*		*12/23/14 01:47*	*1*

Lab Sample ID: LCS 480-220503/3
Matrix: Water
Analysis Batch: 220503

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	3.80		ug/L		95	70 - 130
1,1,1-Trichloroethane	4.00	3.85		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.41		ug/L		85	70 - 130
1,1,2-Trichloroethane	4.00	3.51		ug/L		88	70 - 130
1,1-Dichloroethane	4.00	3.70		ug/L		92	70 - 130
1,1-Dichloroethene	4.00	3.53		ug/L		88	70 - 130
1,1-Dichloropropene	4.00	3.95		ug/L		99	70 - 130
1,2,3-Trichlorobenzene	4.00	3.66		ug/L		92	70 - 130
1,2,3-Trichloropropane	4.00	3.59		ug/L		90	70 - 130
1,2,4-Trichlorobenzene	4.00	3.69		ug/L		92	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-220503/3
Matrix: Water
Analysis Batch: 220503

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	4.00	3.74		ug/L		93	70 - 130
1,2-Dibromo-3-Chloropropane	4.00	3.19		ug/L		80	70 - 130
1,2-Dibromoethane	4.00	3.59		ug/L		90	70 - 130
1,2-Dichlorobenzene	4.00	3.76		ug/L		94	70 - 130
1,2-Dichloroethane	4.00	3.67		ug/L		92	70 - 130
1,2-Dichloropropane	4.00	3.56		ug/L		89	70 - 130
1,3,5-Trimethylbenzene	4.00	3.84		ug/L		96	70 - 130
1,3-Dichlorobenzene	4.00	3.76		ug/L		94	70 - 130
1,3-Dichloropropane	4.00	3.63		ug/L		91	70 - 130
1,4-Dichlorobenzene	4.00	3.77		ug/L		94	70 - 130
2,2-Dichloropropane	4.00	3.96		ug/L		99	70 - 130
2-Butanone (MEK)	20.0	17.4		ug/L		87	70 - 130
2-Chlorotoluene	4.00	3.78		ug/L		94	70 - 130
2-Hexanone	20.0	17.0		ug/L		85	70 - 130
4-Chlorotoluene	4.00	3.66		ug/L		92	70 - 130
4-Isopropyltoluene	4.00	3.76		ug/L		94	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	16.1		ug/L		81	70 - 130
Acetone	20.0	20.7		ug/L		104	70 - 130
Benzene	4.00	3.66		ug/L		92	70 - 130
Bromobenzene	4.00	3.68		ug/L		92	70 - 130
Bromochloromethane	4.00	3.78		ug/L		95	70 - 130
Dichlorobromomethane	4.00	3.55		ug/L		89	70 - 130
Bromoform	4.00	3.45		ug/L		86	70 - 130
Bromomethane	4.00	3.92		ug/L		98	70 - 130
Carbon disulfide	4.00	3.59		ug/L		90	70 - 130
Carbon tetrachloride	4.00	3.80		ug/L		95	70 - 130
Chlorobenzene	4.00	3.73		ug/L		93	70 - 130
Chlorodibromomethane	4.00	3.71		ug/L		93	70 - 130
Chloroethane	4.00	3.54		ug/L		88	70 - 130
Chloroform	4.00	3.69		ug/L		92	70 - 130
Chloromethane	4.00	3.56		ug/L		89	70 - 130
cis-1,2-Dichloroethene	4.00	3.73		ug/L		93	70 - 130
cis-1,3-Dichloropropene	4.00	3.66		ug/L		91	70 - 130
Dibromomethane	4.00	3.45		ug/L		86	70 - 130
Dichlorodifluoromethane	4.00	3.54		ug/L		89	70 - 130
Ethylbenzene	4.00	3.79		ug/L		95	70 - 130
Hexachlorobutadiene	4.00	3.67		ug/L		92	70 - 130
Isopropylbenzene	4.00	3.85		ug/L		96	70 - 130
Methyl tert-butyl ether	4.00	3.65		ug/L		91	70 - 130
Methylene Chloride	4.00	3.69		ug/L		92	70 - 130
Naphthalene	4.00	3.44		ug/L		86	70 - 130
n-Butylbenzene	4.00	3.75		ug/L		94	70 - 130
N-Propylbenzene	4.00	3.75		ug/L		94	70 - 130
sec-Butylbenzene	4.00	3.80		ug/L		95	70 - 130
Styrene	4.00	3.50		ug/L		88	70 - 130
tert-Butylbenzene	4.00	3.85		ug/L		96	70 - 130
Tetrachloroethene	4.00	3.97		ug/L		99	70 - 130
Toluene	4.00	3.97		ug/L		99	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-220503/3
Matrix: Water
Analysis Batch: 220503

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	4.00	3.83		ug/L		96	70 - 130
trans-1,3-Dichloropropene	4.00	3.80		ug/L		95	70 - 130
Trichloroethene	4.00	3.74		ug/L		93	70 - 130
Trichlorofluoromethane	4.00	3.79		ug/L		95	70 - 130
Vinyl chloride	4.00	3.51		ug/L		88	70 - 130
Xylenes, Total	8.00	7.57		ug/L		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*

Lab Sample ID: LCSD 480-220503/4
Matrix: Water
Analysis Batch: 220503

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.00	3.82		ug/L		96	70 - 130	1	20
1,1,1-Trichloroethane	4.00	3.89		ug/L		97	70 - 130	1	20
1,1,2,2-Tetrachloroethane	4.00	3.44		ug/L		86	70 - 130	1	20
1,1,2-Trichloroethane	4.00	3.57		ug/L		89	70 - 130	2	20
1,1-Dichloroethane	4.00	3.74		ug/L		93	70 - 130	1	20
1,1-Dichloroethene	4.00	3.59		ug/L		90	70 - 130	2	20
1,1-Dichloropropene	4.00	3.96		ug/L		99	70 - 130	0	20
1,2,3-Trichlorobenzene	4.00	3.75		ug/L		94	70 - 130	2	20
1,2,3-Trichloropropane	4.00	3.55		ug/L		89	70 - 130	1	20
1,2,4-Trichlorobenzene	4.00	3.76		ug/L		94	70 - 130	2	20
1,2,4-Trimethylbenzene	4.00	3.80		ug/L		95	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	4.00	3.19		ug/L		80	70 - 130	0	20
1,2-Dibromoethane	4.00	3.60		ug/L		90	70 - 130	1	20
1,2-Dichlorobenzene	4.00	3.76		ug/L		94	70 - 130	0	20
1,2-Dichloroethane	4.00	3.74		ug/L		93	70 - 130	2	20
1,2-Dichloropropane	4.00	3.65		ug/L		91	70 - 130	2	20
1,3,5-Trimethylbenzene	4.00	3.91		ug/L		98	70 - 130	2	20
1,3-Dichlorobenzene	4.00	3.80		ug/L		95	70 - 130	1	20
1,3-Dichloropropane	4.00	3.66		ug/L		91	70 - 130	1	20
1,4-Dichlorobenzene	4.00	3.85		ug/L		96	70 - 130	2	20
2,2-Dichloropropane	4.00	4.10		ug/L		103	70 - 130	4	20
2-Butanone (MEK)	20.0	17.2		ug/L		86	70 - 130	2	20
2-Chlorotoluene	4.00	3.89		ug/L		97	70 - 130	3	20
2-Hexanone	20.0	17.0		ug/L		85	70 - 130	0	20
4-Chlorotoluene	4.00	3.76		ug/L		94	70 - 130	3	20
4-Isopropyltoluene	4.00	3.84		ug/L		96	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)	20.0	16.2		ug/L		81	70 - 130	0	20
Acetone	20.0	19.8		ug/L		99	70 - 130	5	20
Benzene	4.00	3.69		ug/L		92	70 - 130	1	20
Bromobenzene	4.00	3.75		ug/L		94	70 - 130	2	20
Bromochloromethane	4.00	3.74		ug/L		94	70 - 130	1	20
Dichlorobromomethane	4.00	3.57		ug/L		89	70 - 130	0	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-220503/4
Matrix: Water
Analysis Batch: 220503

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform			4.00	3.23		ug/L		81	70 - 130	6	20
Bromomethane			4.00	3.70		ug/L		92	70 - 130	6	20
Carbon disulfide			4.00	3.63		ug/L		91	70 - 130	1	20
Carbon tetrachloride			4.00	3.88		ug/L		97	70 - 130	2	20
Chlorobenzene			4.00	3.82		ug/L		95	70 - 130	2	20
Chlorodibromomethane			4.00	3.67		ug/L		92	70 - 130	1	20
Chloroethane			4.00	3.60		ug/L		90	70 - 130	2	20
Chloroform			4.00	3.72		ug/L		93	70 - 130	1	20
Chloromethane			4.00	3.59		ug/L		90	70 - 130	1	20
cis-1,2-Dichloroethene			4.00	3.77		ug/L		94	70 - 130	1	20
cis-1,3-Dichloropropene			4.00	3.63		ug/L		91	70 - 130	1	20
Dibromomethane			4.00	3.55		ug/L		89	70 - 130	3	20
Dichlorodifluoromethane			4.00	3.64		ug/L		91	70 - 130	3	20
Ethylbenzene			4.00	3.87		ug/L		97	70 - 130	2	20
Hexachlorobutadiene			4.00	3.74		ug/L		93	70 - 130	2	20
Isopropylbenzene			4.00	3.91		ug/L		98	70 - 130	1	20
Methyl tert-butyl ether			4.00	3.61		ug/L		90	70 - 130	1	20
Methylene Chloride			4.00	3.62		ug/L		91	70 - 130	2	20
Naphthalene			4.00	3.49		ug/L		87	70 - 130	1	20
n-Butylbenzene			4.00	3.83		ug/L		96	70 - 130	2	20
N-Propylbenzene			4.00	3.79		ug/L		95	70 - 130	1	20
sec-Butylbenzene			4.00	3.90		ug/L		98	70 - 130	3	20
Styrene			4.00	3.50		ug/L		88	70 - 130	0	20
tert-Butylbenzene			4.00	4.02		ug/L		101	70 - 130	4	20
Tetrachloroethene			4.00	3.96		ug/L		99	70 - 130	0	20
Toluene			4.00	4.06		ug/L		101	70 - 130	2	20
trans-1,2-Dichloroethene			4.00	3.83		ug/L		96	70 - 130	0	20
trans-1,3-Dichloropropene			4.00	3.74		ug/L		94	70 - 130	1	20
Trichloroethene			4.00	3.81		ug/L		95	70 - 130	2	20
Trichlorofluoromethane			4.00	3.91		ug/L		98	70 - 130	3	20
Vinyl chloride			4.00	3.51		ug/L		88	70 - 130	0	20
Xylenes, Total			8.00	7.65		ug/L		96	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*

QC Association Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

GC/MS VOA

Analysis Batch: 220503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-73277-1	SW-01-12/14	Total/NA	Water	524.2	
480-73277-2	BW-01-12/14	Total/NA	Water	524.2	
480-73277-3	TRIP BLANK	Total/NA	Water	524.2	
LCS 480-220503/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 480-220503/4	Lab Control Sample Dup	Total/NA	Water	524.2	
MB 480-220503/5	Method Blank	Total/NA	Water	524.2	

Lab Chronicle

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Client Sample ID: SW-01-12/14

Lab Sample ID: 480-73277-1

Date Collected: 12/18/14 12:55

Matrix: Water

Date Received: 12/18/14 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	220503	12/23/14 02:29	RAS	TAL BUF

Client Sample ID: BW-01-12/14

Lab Sample ID: 480-73277-2

Date Collected: 12/18/14 13:10

Matrix: Water

Date Received: 12/18/14 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	220503	12/23/14 02:55	RAS	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-73277-3

Date Collected: 12/18/14 00:00

Matrix: Water

Date Received: 12/18/14 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	220503	12/23/14 03:22	RAS	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: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
524.2		Water	1,2-Dibromo-3-Chloropropane
524.2		Water	1,2-Dibromoethane
524.2		Water	2-Butanone (MEK)
524.2		Water	2-Hexanone
524.2		Water	4-Methyl-2-pentanone (MIBK)
524.2		Water	Acetone
524.2		Water	Acrylonitrile
524.2		Water	Allyl chloride
524.2		Water	Carbon disulfide
524.2		Water	Dichlorofluoromethane
524.2		Water	Ethyl ether
524.2		Water	m-Xylene & p-Xylene
524.2		Water	o-Xylene
524.2		Water	t-Butanol
524.2		Water	trans-1,4-Dichloro-2-butene
524.2		Water	Vinyl acetate

Method Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL BUF

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

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

Sample Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-73277-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-73277-1	SW-01-12/14	Water	12/18/14 12:55	12/18/14 15:00
480-73277-2	BW-01-12/14	Water	12/18/14 13:10	12/18/14 15:00
480-73277-3	TRIP BLANK	Water	12/18/14 00:00	12/18/14 15:00

480-73277 Chain of Custody

ODY RECORD

PR

TE NAME
Wyoming CTY FTC

SAMPLERS (PRINT/SIGNATURE)
John Boyd

DELIVERY SERVICE: Drop Off _____ AIRBILL NO.: _____

TESTS
VOCs 524.2

BOTTLE TYPE AND PRESERVATIVE

URS

LAB Test America
COOLER 1 of 1
PAGE 1 of 1

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# OF CONTAINERS	40 ml VOA							REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (IRPIMS ONLY)
	12/18/14	1255	GRAB	SW 01-12/14	WG	3	3								N	-	-	-
	↓	1310	GRAB	BW 01-12/14	WG	3	3								N	-	-	-
	↓	-	-	TRIP BLANK	WQ	1	1								TB	-	-	-

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

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

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
John Boyd	12/18/14	1500		12/19/14	1500
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS
Melissa Deyo, Lab PM

Distribution: Original accompanies shipment, copy to coordinator field files

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

29#1

12/30/2014

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 480-73277-1

Login Number: 73277

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

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	

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: 480-60170-1
Client Project/Site: 11172991.00000 - Wyoming County Fire Ctr

For:
URS Corporation
257 W. Genesee Street
Buffalo, New York 14203

Attn: John Boyd

Authorized for release by:
5/23/2014 5:22:26 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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.

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)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-60170-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-60170-1

Receipt
The samples were received on 5/19/2014 5:08 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1º C.

GC/MS VOA
Method(s) 8260C: The large number of analytes included in the continuing calibration verification (CCV) in batch 183432 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria.

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: MW-02-05/14 (480-60170-8), MW-07-05/14 (480-60170-7), MW-07-05/14 (480-60170-7 MS), MW-07-05/14 (480-60170-7 MSD), MW-15-05/14 (480-60170-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Client Sample ID: MW-14-05/14 — Lab Sample ID: 480-60170-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.1	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: MW-15-05/14 — Lab Sample ID: 480-60170-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	70		2.0	1.6	ug/L	2		8260C	Total/NA
1,1-Dichloroethane	7.6		2.0	0.76	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	47		2.0	1.6	ug/L	2		8260C	Total/NA
Methylene Chloride	1.0	J	2.0	0.88	ug/L	2		8260C	Total/NA
Tetrachloroethene	130		2.0	0.72	ug/L	2		8260C	Total/NA
Trichloroethene	6.2		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: MW-12-05/14 — Lab Sample ID: 480-60170-3

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		8260C	Total/NA
cis-1,2-Dichloroethene	0.96	J	1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.2		1.0	0.36	ug/L	1		8260C	Total/NA

Client Sample ID: SPRING-05/14 — Lab Sample ID: 480-60170-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	62		1.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	6.9		1.0	0.38	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.3		1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	52		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	34		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	4.7		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: BW-01-05/14 — Lab Sample ID: 480-60170-5

No Detections.

Client Sample ID: SW-01-05/14 — Lab Sample ID: 480-60170-6

No Detections.

Client Sample ID: MW-07-05/14 — Lab Sample ID: 480-60170-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	36		2.0	1.6	ug/L	2		8260C	Total/NA
1,1-Dichloroethane	4.6		2.0	0.76	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	37		2.0	1.6	ug/L	2		8260C	Total/NA
Tetrachloroethene	85		2.0	0.72	ug/L	2		8260C	Total/NA
Trichloroethene	30		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: MW-02-05/14 — Lab Sample ID: 480-60170-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	660		10	8.1	ug/L	10		8260C	Total/NA
Tetrachloroethene	34		10	3.6	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-02-05/14 (Continued)

Lab Sample ID: 480-60170-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	440		10	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-60170-9

No Detections.

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-60170-10

No Detections.

This Detection Summary does not include radiochemical test results.

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Client Sample ID: MW-14-05/14
Date Collected: 05/18/14 10:55
Date Received: 05/19/14 17:08

Lab Sample ID: 480-60170-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/22/14 00:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/22/14 00:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/22/14 00:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/22/14 00:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/22/14 00:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/22/14 00:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/22/14 00:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/22/14 00:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/22/14 00:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/22/14 00:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/22/14 00:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/22/14 00:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/22/14 00:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/22/14 00:29	1
2-Hexanone	ND		5.0	1.2	ug/L			05/22/14 00:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/22/14 00:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/22/14 00:29	1
Acetone	**5.1**	**J**	10	3.0	ug/L			05/22/14 00:29	1
Benzene	ND		1.0	0.41	ug/L			05/22/14 00:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/22/14 00:29	1
Bromoform	ND		1.0	0.26	ug/L			05/22/14 00:29	1
Bromomethane	ND		1.0	0.69	ug/L			05/22/14 00:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/22/14 00:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/22/14 00:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/22/14 00:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/22/14 00:29	1
Chloroethane	ND		1.0	0.32	ug/L			05/22/14 00:29	1
Chloroform	ND		1.0	0.34	ug/L			05/22/14 00:29	1
Chloromethane	ND		1.0	0.35	ug/L			05/22/14 00:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/22/14 00:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/22/14 00:29	1
Cyclohexane	ND		1.0	0.18	ug/L			05/22/14 00:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/22/14 00:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/22/14 00:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/22/14 00:29	1
Methyl acetate	ND		2.5	0.50	ug/L			05/22/14 00:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/22/14 00:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/22/14 00:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/22/14 00:29	1
Styrene	ND		1.0	0.73	ug/L			05/22/14 00:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/22/14 00:29	1
Toluene	ND		1.0	0.51	ug/L			05/22/14 00:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/22/14 00:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/22/14 00:29	1
Trichloroethene	ND		1.0	0.46	ug/L			05/22/14 00:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/22/14 00:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/22/14 00:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/22/14 00:29	1

Client Sample ID: MW-14-05/14

Lab Sample ID: 480-60170-1

Date Collected: 05/18/14 10:55

Matrix: Water

Date Received: 05/19/14 17:08

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*126*		*66 - 137*		*05/22/14 00:29*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*05/22/14 00:29*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*05/22/14 00:29*	*1*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*05/22/14 00:29*	*1*

Client Sample ID: MW-15-05/14

Lab Sample ID: 480-60170-2

Date Collected: 05/18/14 11:55

Matrix: Water

Date Received: 05/19/14 17:08

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**70**		2.0	1.6	ug/L			05/22/14 23:44	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			05/22/14 23:44	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			05/22/14 23:44	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			05/22/14 23:44	2
1,1-Dichloroethane	**7.6**		2.0	0.76	ug/L			05/22/14 23:44	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			05/22/14 23:44	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			05/22/14 23:44	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			05/22/14 23:44	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			05/22/14 23:44	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			05/22/14 23:44	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			05/22/14 23:44	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			05/22/14 23:44	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			05/22/14 23:44	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			05/22/14 23:44	2
2-Hexanone	ND		10	2.5	ug/L			05/22/14 23:44	2
2-Butanone (MEK)	ND		20	2.6	ug/L			05/22/14 23:44	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			05/22/14 23:44	2
Acetone	ND		20	6.0	ug/L			05/22/14 23:44	2
Benzene	ND		2.0	0.82	ug/L			05/22/14 23:44	2
Bromodichloromethane	ND		2.0	0.78	ug/L			05/22/14 23:44	2
Bromoform	ND		2.0	0.52	ug/L			05/22/14 23:44	2
Bromomethane	ND		2.0	1.4	ug/L			05/22/14 23:44	2
Carbon disulfide	ND		2.0	0.38	ug/L			05/22/14 23:44	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			05/22/14 23:44	2
Chlorobenzene	ND		2.0	1.5	ug/L			05/22/14 23:44	2
Dibromochloromethane	ND		2.0	0.64	ug/L			05/22/14 23:44	2
Chloroethane	ND		2.0	0.64	ug/L			05/22/14 23:44	2
Chloroform	ND		2.0	0.68	ug/L			05/22/14 23:44	2
Chloromethane	ND		2.0	0.70	ug/L			05/22/14 23:44	2
cis-1,2-Dichloroethene	**47**		2.0	1.6	ug/L			05/22/14 23:44	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			05/22/14 23:44	2
Cyclohexane	ND		2.0	0.36	ug/L			05/22/14 23:44	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			05/22/14 23:44	2
Ethylbenzene	ND		2.0	1.5	ug/L			05/22/14 23:44	2
Isopropylbenzene	ND		2.0	1.6	ug/L			05/22/14 23:44	2
Methyl acetate	ND		5.0	1.0	ug/L			05/22/14 23:44	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			05/22/14 23:44	2
Methylcyclohexane	ND		2.0	0.32	ug/L			05/22/14 23:44	2
Methylene Chloride	**1.0**	**J**	2.0	0.88	ug/L			05/22/14 23:44	2

Client Sample ID: MW-15-05/14

Date Collected: 05/18/14 11:55
Date Received: 05/19/14 17:08

Lab Sample ID: 480-60170-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	1.5	ug/L			05/22/14 23:44	2
Tetrachloroethene	**130**		2.0	0.72	ug/L			05/22/14 23:44	2
Toluene	ND		2.0	1.0	ug/L			05/22/14 23:44	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			05/22/14 23:44	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			05/22/14 23:44	2
Trichloroethene	**6.2**		2.0	0.92	ug/L			05/22/14 23:44	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			05/22/14 23:44	2
Vinyl chloride	ND		2.0	1.8	ug/L			05/22/14 23:44	2
Xylenes, Total	ND		4.0	1.3	ug/L			05/22/14 23:44	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*129*		*66 - 137*		*05/22/14 23:44*	*2*
Toluene-d8 (Surr)	*106*		*71 - 126*		*05/22/14 23:44*	*2*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*05/22/14 23:44*	*2*
Dibromofluoromethane (Surr)	*121*		*60 - 140*		*05/22/14 23:44*	*2*

Client Sample ID: MW-12-05/14

Date Collected: 05/18/14 12:50
Date Received: 05/19/14 17:08

Lab Sample ID: 480-60170-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by 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			05/22/14 01:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/22/14 01:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/22/14 01:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/22/14 01:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/22/14 01:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/22/14 01:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/22/14 01:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/22/14 01:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/22/14 01:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/22/14 01:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/22/14 01:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/22/14 01:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/22/14 01:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/22/14 01:17	1
2-Hexanone	ND		5.0	1.2	ug/L			05/22/14 01:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/22/14 01:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/22/14 01:17	1
Acetone	ND		10	3.0	ug/L			05/22/14 01:17	1
Benzene	ND		1.0	0.41	ug/L			05/22/14 01:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/22/14 01:17	1
Bromoform	ND		1.0	0.26	ug/L			05/22/14 01:17	1
Bromomethane	ND		1.0	0.69	ug/L			05/22/14 01:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/22/14 01:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/22/14 01:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/22/14 01:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/22/14 01:17	1
Chloroethane	ND		1.0	0.32	ug/L			05/22/14 01:17	1
Chloroform	ND		1.0	0.34	ug/L			05/22/14 01:17	1

Client Sample ID: MW-12-05/14

Lab Sample ID: 480-60170-3

Date Collected: 05/18/14 12:50

Matrix: Water

Date Received: 05/19/14 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			05/22/14 01:17	1
cis-1,2-Dichloroethene	**0.96**	**J**	1.0	0.81	ug/L			05/22/14 01:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/22/14 01:17	1
Cyclohexane	ND		1.0	0.18	ug/L			05/22/14 01:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/22/14 01:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/22/14 01:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/22/14 01:17	1
Methyl acetate	ND		2.5	0.50	ug/L			05/22/14 01:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/22/14 01:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/22/14 01:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/22/14 01:17	1
Styrene	ND		1.0	0.73	ug/L			05/22/14 01:17	1
Tetrachloroethene	**1.2**		1.0	0.36	ug/L			05/22/14 01:17	1
Toluene	ND		1.0	0.51	ug/L			05/22/14 01:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/22/14 01:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/22/14 01:17	1
Trichloroethene	ND		1.0	0.46	ug/L			05/22/14 01:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/22/14 01:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/22/14 01:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/22/14 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*66 - 137*		*05/22/14 01:17*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*05/22/14 01:17*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*05/22/14 01:17*	*1*
Dibromofluoromethane (Surr)	*118*		*60 - 140*		*05/22/14 01:17*	*1*

Client Sample ID: SPRING-05/14

Lab Sample ID: 480-60170-4

Date Collected: 05/18/14 13:00

Matrix: Water

Date Received: 05/19/14 17:08

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**62**		1.0	0.82	ug/L			05/22/14 01:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/22/14 01:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/22/14 01:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/22/14 01:40	1
1,1-Dichloroethane	**6.9**		1.0	0.38	ug/L			05/22/14 01:40	1
1,1-Dichloroethene	**1.3**		1.0	0.29	ug/L			05/22/14 01:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/22/14 01:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/22/14 01:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/22/14 01:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/22/14 01:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/22/14 01:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/22/14 01:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/22/14 01:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/22/14 01:40	1
2-Hexanone	ND		5.0	1.2	ug/L			05/22/14 01:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/22/14 01:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/22/14 01:40	1

Client Sample ID: SPRING-05/14
Date Collected: 05/18/14 13:00
Date Received: 05/19/14 17:08

Lab Sample ID: 480-60170-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.0	ug/L			05/22/14 01:40	1
Benzene	ND		1.0	0.41	ug/L			05/22/14 01:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/22/14 01:40	1
Bromoform	ND		1.0	0.26	ug/L			05/22/14 01:40	1
Bromomethane	ND		1.0	0.69	ug/L			05/22/14 01:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/22/14 01:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/22/14 01:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/22/14 01:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/22/14 01:40	1
Chloroethane	ND		1.0	0.32	ug/L			05/22/14 01:40	1
Chloroform	ND		1.0	0.34	ug/L			05/22/14 01:40	1
Chloromethane	ND		1.0	0.35	ug/L			05/22/14 01:40	1
cis-1,2-Dichloroethene	**52**		1.0	0.81	ug/L			05/22/14 01:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/22/14 01:40	1
Cyclohexane	ND		1.0	0.18	ug/L			05/22/14 01:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/22/14 01:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/22/14 01:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/22/14 01:40	1
Methyl acetate	ND		2.5	0.50	ug/L			05/22/14 01:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/22/14 01:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/22/14 01:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/22/14 01:40	1
Styrene	ND		1.0	0.73	ug/L			05/22/14 01:40	1
Tetrachloroethene	**34**		1.0	0.36	ug/L			05/22/14 01:40	1
Toluene	ND		1.0	0.51	ug/L			05/22/14 01:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/22/14 01:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/22/14 01:40	1
Trichloroethene	**4.7**		1.0	0.46	ug/L			05/22/14 01:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/22/14 01:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/22/14 01:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/22/14 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*66 - 137*		*05/22/14 01:40*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*		*05/22/14 01:40*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*05/22/14 01:40*	*1*
Dibromofluoromethane (Surr)	*123*		*60 - 140*		*05/22/14 01:40*	*1*

Client Sample ID: BW-01-05/14
Date Collected: 05/18/14 13:30
Date Received: 05/19/14 17:08

Lab Sample ID: 480-60170-5
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			05/21/14 05:58	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			05/21/14 05:58	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			05/21/14 05:58	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			05/21/14 05:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			05/21/14 05:58	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			05/21/14 05:58	1

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Client Sample ID: BW-01-05/14
Date Collected: 05/18/14 13:30
Date Received: 05/19/14 17:08

Lab Sample ID: 480-60170-5
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.50	0.059	ug/L			05/21/14 05:58	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			05/21/14 05:58	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			05/21/14 05:58	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			05/21/14 05:58	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			05/21/14 05:58	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			05/21/14 05:58	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.21	ug/L			05/21/14 05:58	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			05/21/14 05:58	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			05/21/14 05:58	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			05/21/14 05:58	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			05/21/14 05:58	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			05/21/14 05:58	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			05/21/14 05:58	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			05/21/14 05:58	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			05/21/14 05:58	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			05/21/14 05:58	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			05/21/14 05:58	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			05/21/14 05:58	1
2-Hexanone	ND		2.5	0.23	ug/L			05/21/14 05:58	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			05/21/14 05:58	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			05/21/14 05:58	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			05/21/14 05:58	1
Acetone	ND		2.5	0.54	ug/L			05/21/14 05:58	1
Acrylonitrile	ND		10	0.48	ug/L			05/21/14 05:58	1
Allyl chloride	ND		0.50	0.091	ug/L			05/21/14 05:58	1
Benzene	ND		0.50	0.13	ug/L			05/21/14 05:58	1
Bromobenzene	ND		0.50	0.13	ug/L			05/21/14 05:58	1
Bromochloromethane	ND		0.50	0.11	ug/L			05/21/14 05:58	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			05/21/14 05:58	1
Bromoform	ND		0.50	0.13	ug/L			05/21/14 05:58	1
Bromomethane	ND		0.50	0.051	ug/L			05/21/14 05:58	1
Carbon disulfide	ND		0.50	0.15	ug/L			05/21/14 05:58	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			05/21/14 05:58	1
Chlorobenzene	ND		0.50	0.12	ug/L			05/21/14 05:58	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			05/21/14 05:58	1
Chloroethane	ND		0.50	0.070	ug/L			05/21/14 05:58	1
Chloroform	ND		0.50	0.14	ug/L			05/21/14 05:58	1
Chloromethane	ND		0.50	0.063	ug/L			05/21/14 05:58	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			05/21/14 05:58	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			05/21/14 05:58	1
Dibromomethane	ND		0.50	0.17	ug/L			05/21/14 05:58	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			05/21/14 05:58	1
Ethyl ether	ND		0.50	0.12	ug/L			05/21/14 05:58	1
Ethylbenzene	ND		0.50	0.11	ug/L			05/21/14 05:58	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			05/21/14 05:58	1
Iodomethane	ND		0.50	0.15	ug/L			05/21/14 05:58	1
Isopropylbenzene	ND		0.50	0.053	ug/L			05/21/14 05:58	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			05/21/14 05:58	1
Methylene Chloride	ND		0.50	0.25	ug/L			05/21/14 05:58	1

Client Sample ID: BW-01-05/14

Lab Sample ID: 480-60170-5

Date Collected: 05/18/14 13:30

Matrix: Water

Date Received: 05/19/14 17:08

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			05/21/14 05:58	1
Naphthalene	ND		0.50	0.060	ug/L			05/21/14 05:58	1
n-Butylbenzene	ND		0.50	0.081	ug/L			05/21/14 05:58	1
N-Propylbenzene	ND		0.50	0.057	ug/L			05/21/14 05:58	1
o-Xylene	ND		0.50	0.044	ug/L			05/21/14 05:58	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			05/21/14 05:58	1
Styrene	ND		0.50	0.044	ug/L			05/21/14 05:58	1
t-Butanol	ND		10	2.5	ug/L			05/21/14 05:58	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			05/21/14 05:58	1
Tetrachloroethene	ND		0.50	0.067	ug/L			05/21/14 05:58	1
Toluene	ND		0.50	0.10	ug/L			05/21/14 05:58	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			05/21/14 05:58	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			05/21/14 05:58	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			05/21/14 05:58	1
Trichloroethene	ND		0.50	0.060	ug/L			05/21/14 05:58	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			05/21/14 05:58	1
Vinyl acetate	ND		2.5	0.17	ug/L			05/21/14 05:58	1
Vinyl chloride	ND		0.50	0.059	ug/L			05/21/14 05:58	1
Xylenes, Total	ND		1.0	0.20	ug/L			05/21/14 05:58	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			05/21/14 05:58	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			05/21/14 05:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/21/14 05:58*	*1*
1,2-Dichlorobenzene-d4	*102*		*80 - 120*		*05/21/14 05:58*	*1*

Client Sample ID: SW-01-05/14

Lab Sample ID: 480-60170-6

Date Collected: 05/18/14 14:15

Matrix: Water

Date Received: 05/19/14 17:08

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			05/21/14 06:23	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			05/21/14 06:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			05/21/14 06:23	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			05/21/14 06:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			05/21/14 06:23	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			05/21/14 06:23	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			05/21/14 06:23	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			05/21/14 06:23	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			05/21/14 06:23	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			05/21/14 06:23	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			05/21/14 06:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			05/21/14 06:23	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.21	ug/L			05/21/14 06:23	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			05/21/14 06:23	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			05/21/14 06:23	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			05/21/14 06:23	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			05/21/14 06:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			05/21/14 06:23	1

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Client Sample ID: SW-01-05/14
Date Collected: 05/18/14 14:15
Date Received: 05/19/14 17:08

Lab Sample ID: 480-60170-6
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			05/21/14 06:23	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			05/21/14 06:23	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			05/21/14 06:23	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			05/21/14 06:23	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			05/21/14 06:23	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			05/21/14 06:23	1
2-Hexanone	ND		2.5	0.23	ug/L			05/21/14 06:23	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			05/21/14 06:23	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			05/21/14 06:23	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			05/21/14 06:23	1
Acetone	ND		2.5	0.54	ug/L			05/21/14 06:23	1
Acrylonitrile	ND		10	0.48	ug/L			05/21/14 06:23	1
Allyl chloride	ND		0.50	0.091	ug/L			05/21/14 06:23	1
Benzene	ND		0.50	0.13	ug/L			05/21/14 06:23	1
Bromobenzene	ND		0.50	0.13	ug/L			05/21/14 06:23	1
Bromochloromethane	ND		0.50	0.11	ug/L			05/21/14 06:23	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			05/21/14 06:23	1
Bromoform	ND		0.50	0.13	ug/L			05/21/14 06:23	1
Bromomethane	ND		0.50	0.051	ug/L			05/21/14 06:23	1
Carbon disulfide	ND		0.50	0.15	ug/L			05/21/14 06:23	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			05/21/14 06:23	1
Chlorobenzene	ND		0.50	0.12	ug/L			05/21/14 06:23	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			05/21/14 06:23	1
Chloroethane	ND		0.50	0.070	ug/L			05/21/14 06:23	1
Chloroform	ND		0.50	0.14	ug/L			05/21/14 06:23	1
Chloromethane	ND		0.50	0.063	ug/L			05/21/14 06:23	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			05/21/14 06:23	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			05/21/14 06:23	1
Dibromomethane	ND		0.50	0.17	ug/L			05/21/14 06:23	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			05/21/14 06:23	1
Ethyl ether	ND		0.50	0.12	ug/L			05/21/14 06:23	1
Ethylbenzene	ND		0.50	0.11	ug/L			05/21/14 06:23	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			05/21/14 06:23	1
Iodomethane	ND		0.50	0.15	ug/L			05/21/14 06:23	1
Isopropylbenzene	ND		0.50	0.053	ug/L			05/21/14 06:23	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			05/21/14 06:23	1
Methylene Chloride	ND		0.50	0.25	ug/L			05/21/14 06:23	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			05/21/14 06:23	1
Naphthalene	ND		0.50	0.060	ug/L			05/21/14 06:23	1
n-Butylbenzene	ND		0.50	0.081	ug/L			05/21/14 06:23	1
N-Propylbenzene	ND		0.50	0.057	ug/L			05/21/14 06:23	1
o-Xylene	ND		0.50	0.044	ug/L			05/21/14 06:23	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			05/21/14 06:23	1
Styrene	ND		0.50	0.044	ug/L			05/21/14 06:23	1
t-Butanol	ND		10	2.5	ug/L			05/21/14 06:23	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			05/21/14 06:23	1
Tetrachloroethene	ND		0.50	0.067	ug/L			05/21/14 06:23	1
Toluene	ND		0.50	0.10	ug/L			05/21/14 06:23	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			05/21/14 06:23	1

Client Sample ID: SW-01-05/14

Lab Sample ID: 480-60170-6

Date Collected: 05/18/14 14:15

Matrix: Water

Date Received: 05/19/14 17:08

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			05/21/14 06:23	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			05/21/14 06:23	1
Trichloroethene	ND		0.50	0.060	ug/L			05/21/14 06:23	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			05/21/14 06:23	1
Vinyl acetate	ND		2.5	0.17	ug/L			05/21/14 06:23	1
Vinyl chloride	ND		0.50	0.059	ug/L			05/21/14 06:23	1
Xylenes, Total	ND		1.0	0.20	ug/L			05/21/14 06:23	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			05/21/14 06:23	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			05/21/14 06:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/21/14 06:23*	*1*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*05/21/14 06:23*	*1*

Client Sample ID: MW-07-05/14

Lab Sample ID: 480-60170-7

Date Collected: 05/18/14 15:00

Matrix: Water

Date Received: 05/19/14 17:08

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**36**		2.0	1.6	ug/L			05/23/14 00:08	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			05/23/14 00:08	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			05/23/14 00:08	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			05/23/14 00:08	2
1,1-Dichloroethane	**4.6**		2.0	0.76	ug/L			05/23/14 00:08	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			05/23/14 00:08	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			05/23/14 00:08	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			05/23/14 00:08	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			05/23/14 00:08	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			05/23/14 00:08	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			05/23/14 00:08	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			05/23/14 00:08	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			05/23/14 00:08	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			05/23/14 00:08	2
2-Hexanone	ND		10	2.5	ug/L			05/23/14 00:08	2
2-Butanone (MEK)	ND		20	2.6	ug/L			05/23/14 00:08	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			05/23/14 00:08	2
Acetone	ND		20	6.0	ug/L			05/23/14 00:08	2
Benzene	ND		2.0	0.82	ug/L			05/23/14 00:08	2
Bromodichloromethane	ND		2.0	0.78	ug/L			05/23/14 00:08	2
Bromoform	ND		2.0	0.52	ug/L			05/23/14 00:08	2
Bromomethane	ND		2.0	1.4	ug/L			05/23/14 00:08	2
Carbon disulfide	ND		2.0	0.38	ug/L			05/23/14 00:08	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			05/23/14 00:08	2
Chlorobenzene	ND		2.0	1.5	ug/L			05/23/14 00:08	2
Dibromochloromethane	ND		2.0	0.64	ug/L			05/23/14 00:08	2
Chloroethane	ND		2.0	0.64	ug/L			05/23/14 00:08	2
Chloroform	ND		2.0	0.68	ug/L			05/23/14 00:08	2
Chloromethane	ND		2.0	0.70	ug/L			05/23/14 00:08	2
cis-1,2-Dichloroethene	**37**		2.0	1.6	ug/L			05/23/14 00:08	2

Client Sample ID: MW-07-05/14

Lab Sample ID: 480-60170-7

Date Collected: 05/18/14 15:00

Matrix: Water

Date Received: 05/19/14 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			05/23/14 00:08	2
Cyclohexane	ND		2.0	0.36	ug/L			05/23/14 00:08	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			05/23/14 00:08	2
Ethylbenzene	ND		2.0	1.5	ug/L			05/23/14 00:08	2
Isopropylbenzene	ND		2.0	1.6	ug/L			05/23/14 00:08	2
Methyl acetate	ND		5.0	1.0	ug/L			05/23/14 00:08	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			05/23/14 00:08	2
Methylcyclohexane	ND		2.0	0.32	ug/L			05/23/14 00:08	2
Methylene Chloride	ND		2.0	0.88	ug/L			05/23/14 00:08	2
Styrene	ND		2.0	1.5	ug/L			05/23/14 00:08	2
Tetrachloroethene	**85**		2.0	0.72	ug/L			05/23/14 00:08	2
Toluene	ND		2.0	1.0	ug/L			05/23/14 00:08	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			05/23/14 00:08	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			05/23/14 00:08	2
Trichloroethene	**30**		2.0	0.92	ug/L			05/23/14 00:08	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			05/23/14 00:08	2
Vinyl chloride	ND		2.0	1.8	ug/L			05/23/14 00:08	2
Xylenes, Total	ND		4.0	1.3	ug/L			05/23/14 00:08	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*66 - 137*		*05/23/14 00:08*	*2*
Toluene-d8 (Surr)	*102*		*71 - 126*		*05/23/14 00:08*	*2*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*05/23/14 00:08*	*2*
Dibromofluoromethane (Surr)	*119*		*60 - 140*		*05/23/14 00:08*	*2*

Client Sample ID: MW-02-05/14

Lab Sample ID: 480-60170-8

Date Collected: 05/18/14 16:30

Matrix: Water

Date Received: 05/19/14 17:08

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			05/23/14 00:32	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			05/23/14 00:32	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			05/23/14 00:32	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			05/23/14 00:32	10
1,1-Dichloroethane	ND		10	3.8	ug/L			05/23/14 00:32	10
1,1-Dichloroethene	ND		10	2.9	ug/L			05/23/14 00:32	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			05/23/14 00:32	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			05/23/14 00:32	10
1,2-Dibromoethane	ND		10	7.3	ug/L			05/23/14 00:32	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			05/23/14 00:32	10
1,2-Dichloroethane	ND		10	2.1	ug/L			05/23/14 00:32	10
1,2-Dichloropropane	ND		10	7.2	ug/L			05/23/14 00:32	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			05/23/14 00:32	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			05/23/14 00:32	10
2-Hexanone	ND		50	12	ug/L			05/23/14 00:32	10
2-Butanone (MEK)	ND		100	13	ug/L			05/23/14 00:32	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			05/23/14 00:32	10
Acetone	ND		100	30	ug/L			05/23/14 00:32	10
Benzene	ND		10	4.1	ug/L			05/23/14 00:32	10

Client Sample ID: MW-02-05/14

Lab Sample ID: 480-60170-8

Date Collected: 05/18/14 16:30

Matrix: Water

Date Received: 05/19/14 17:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		10	3.9	ug/L			05/23/14 00:32	10
Bromoform	ND		10	2.6	ug/L			05/23/14 00:32	10
Bromomethane	ND		10	6.9	ug/L			05/23/14 00:32	10
Carbon disulfide	ND		10	1.9	ug/L			05/23/14 00:32	10
Carbon tetrachloride	ND		10	2.7	ug/L			05/23/14 00:32	10
Chlorobenzene	ND		10	7.5	ug/L			05/23/14 00:32	10
Dibromochloromethane	ND		10	3.2	ug/L			05/23/14 00:32	10
Chloroethane	ND		10	3.2	ug/L			05/23/14 00:32	10
Chloroform	ND		10	3.4	ug/L			05/23/14 00:32	10
Chloromethane	ND		10	3.5	ug/L			05/23/14 00:32	10
cis-1,2-Dichloroethene	**660**		10	8.1	ug/L			05/23/14 00:32	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			05/23/14 00:32	10
Cyclohexane	ND		10	1.8	ug/L			05/23/14 00:32	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			05/23/14 00:32	10
Ethylbenzene	ND		10	7.4	ug/L			05/23/14 00:32	10
Isopropylbenzene	ND		10	7.9	ug/L			05/23/14 00:32	10
Methyl acetate	ND		25	5.0	ug/L			05/23/14 00:32	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			05/23/14 00:32	10
Methylcyclohexane	ND		10	1.6	ug/L			05/23/14 00:32	10
Methylene Chloride	ND		10	4.4	ug/L			05/23/14 00:32	10
Styrene	ND		10	7.3	ug/L			05/23/14 00:32	10
Tetrachloroethene	**34**		10	3.6	ug/L			05/23/14 00:32	10
Toluene	ND		10	5.1	ug/L			05/23/14 00:32	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			05/23/14 00:32	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			05/23/14 00:32	10
Trichloroethene	**440**		10	4.6	ug/L			05/23/14 00:32	10
Trichlorofluoromethane	ND		10	8.8	ug/L			05/23/14 00:32	10
Vinyl chloride	ND		10	9.0	ug/L			05/23/14 00:32	10
Xylenes, Total	ND		20	6.6	ug/L			05/23/14 00:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*130*		*66 - 137*		*05/23/14 00:32*	*10*
Toluene-d8 (Surr)	*104*		*71 - 126*		*05/23/14 00:32*	*10*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*05/23/14 00:32*	*10*
Dibromofluoromethane (Surr)	*120*		*60 - 140*		*05/23/14 00:32*	*10*

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-60170-9

Date Collected: 05/18/14 00:00

Matrix: Water

Date Received: 05/19/14 17:08

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/22/14 04:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/22/14 04:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/22/14 04:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/22/14 04:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/22/14 04:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/22/14 04:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/22/14 04:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/22/14 04:04	1

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Client Sample ID: TRIP BLANK
Date Collected: 05/18/14 00:00
Date Received: 05/19/14 17:08

Lab Sample ID: 480-60170-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/22/14 04:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/22/14 04:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/22/14 04:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/22/14 04:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/22/14 04:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/22/14 04:04	1
2-Hexanone	ND		5.0	1.2	ug/L			05/22/14 04:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/22/14 04:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/22/14 04:04	1
Acetone	ND		10	3.0	ug/L			05/22/14 04:04	1
Benzene	ND		1.0	0.41	ug/L			05/22/14 04:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/22/14 04:04	1
Bromoform	ND		1.0	0.26	ug/L			05/22/14 04:04	1
Bromomethane	ND		1.0	0.69	ug/L			05/22/14 04:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/22/14 04:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/22/14 04:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/22/14 04:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/22/14 04:04	1
Chloroethane	ND		1.0	0.32	ug/L			05/22/14 04:04	1
Chloroform	ND		1.0	0.34	ug/L			05/22/14 04:04	1
Chloromethane	ND		1.0	0.35	ug/L			05/22/14 04:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/22/14 04:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/22/14 04:04	1
Cyclohexane	ND		1.0	0.18	ug/L			05/22/14 04:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/22/14 04:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/22/14 04:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/22/14 04:04	1
Methyl acetate	ND		2.5	0.50	ug/L			05/22/14 04:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/22/14 04:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/22/14 04:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/22/14 04:04	1
Styrene	ND		1.0	0.73	ug/L			05/22/14 04:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/22/14 04:04	1
Toluene	ND		1.0	0.51	ug/L			05/22/14 04:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/22/14 04:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/22/14 04:04	1
Trichloroethene	ND		1.0	0.46	ug/L			05/22/14 04:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/22/14 04:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/22/14 04:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/22/14 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*66 - 137*		*05/22/14 04:04*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*		*05/22/14 04:04*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*05/22/14 04:04*	*1*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*05/22/14 04:04*	*1*

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Client Sample ID: TRIP BLANK
Date Collected: 05/18/14 00:00
Date Received: 05/19/14 17:08

Lab Sample ID: 480-60170-10
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			05/21/14 06:48	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			05/21/14 06:48	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			05/21/14 06:48	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			05/21/14 06:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			05/21/14 06:48	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			05/21/14 06:48	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			05/21/14 06:48	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			05/21/14 06:48	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			05/21/14 06:48	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			05/21/14 06:48	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			05/21/14 06:48	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			05/21/14 06:48	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.21	ug/L			05/21/14 06:48	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			05/21/14 06:48	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			05/21/14 06:48	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			05/21/14 06:48	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			05/21/14 06:48	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			05/21/14 06:48	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			05/21/14 06:48	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			05/21/14 06:48	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			05/21/14 06:48	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			05/21/14 06:48	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			05/21/14 06:48	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			05/21/14 06:48	1
2-Hexanone	ND		2.5	0.23	ug/L			05/21/14 06:48	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			05/21/14 06:48	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			05/21/14 06:48	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			05/21/14 06:48	1
Acetone	ND		2.5	0.54	ug/L			05/21/14 06:48	1
Acrylonitrile	ND		10	0.48	ug/L			05/21/14 06:48	1
Allyl chloride	ND		0.50	0.091	ug/L			05/21/14 06:48	1
Benzene	ND		0.50	0.13	ug/L			05/21/14 06:48	1
Bromobenzene	ND		0.50	0.13	ug/L			05/21/14 06:48	1
Bromochloromethane	ND		0.50	0.11	ug/L			05/21/14 06:48	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			05/21/14 06:48	1
Bromoform	ND		0.50	0.13	ug/L			05/21/14 06:48	1
Bromomethane	ND		0.50	0.051	ug/L			05/21/14 06:48	1
Carbon disulfide	ND		0.50	0.15	ug/L			05/21/14 06:48	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			05/21/14 06:48	1
Chlorobenzene	ND		0.50	0.12	ug/L			05/21/14 06:48	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			05/21/14 06:48	1
Chloroethane	ND		0.50	0.070	ug/L			05/21/14 06:48	1
Chloroform	ND		0.50	0.14	ug/L			05/21/14 06:48	1
Chloromethane	ND		0.50	0.063	ug/L			05/21/14 06:48	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			05/21/14 06:48	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			05/21/14 06:48	1
Dibromomethane	ND		0.50	0.17	ug/L			05/21/14 06:48	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			05/21/14 06:48	1
Ethyl ether	ND		0.50	0.12	ug/L			05/21/14 06:48	1

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Client Sample ID: TRIP BLANK
Date Collected: 05/18/14 00:00
Date Received: 05/19/14 17:08

Lab Sample ID: 480-60170-10
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.50	0.11	ug/L			05/21/14 06:48	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			05/21/14 06:48	1
Iodomethane	ND		0.50	0.15	ug/L			05/21/14 06:48	1
Isopropylbenzene	ND		0.50	0.053	ug/L			05/21/14 06:48	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			05/21/14 06:48	1
Methylene Chloride	ND		0.50	0.25	ug/L			05/21/14 06:48	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			05/21/14 06:48	1
Naphthalene	ND		0.50	0.060	ug/L			05/21/14 06:48	1
n-Butylbenzene	ND		0.50	0.081	ug/L			05/21/14 06:48	1
N-Propylbenzene	ND		0.50	0.057	ug/L			05/21/14 06:48	1
o-Xylene	ND		0.50	0.044	ug/L			05/21/14 06:48	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			05/21/14 06:48	1
Styrene	ND		0.50	0.044	ug/L			05/21/14 06:48	1
t-Butanol	ND		10	2.5	ug/L			05/21/14 06:48	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			05/21/14 06:48	1
Tetrachloroethene	ND		0.50	0.067	ug/L			05/21/14 06:48	1
Toluene	ND		0.50	0.10	ug/L			05/21/14 06:48	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			05/21/14 06:48	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			05/21/14 06:48	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			05/21/14 06:48	1
Trichloroethene	ND		0.50	0.060	ug/L			05/21/14 06:48	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			05/21/14 06:48	1
Vinyl acetate	ND		2.5	0.17	ug/L			05/21/14 06:48	1
Vinyl chloride	ND		0.50	0.059	ug/L			05/21/14 06:48	1
Xylenes, Total	ND		1.0	0.20	ug/L			05/21/14 06:48	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			05/21/14 06:48	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			05/21/14 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*05/21/14 06:48*	*1*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*		*05/21/14 06:48*	*1*

Surrogate Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		BFB	12DCB								
Lab Sample ID	Client Sample ID	(80-120)	(80-120)								
480-60170-5	BW-01-05/14	95	102								
480-60170-6	SW-01-05/14	95	105								
480-60170-10	TRIP BLANK	97	103								
LCS 480-183175/3	Lab Control Sample	101	103								
LCSD 480-183175/4	Lab Control Sample Dup	101	103								
MB 480-183175/5	Method Blank	96	105								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

12DCB = 1,2-Dichlorobenzene-d4

Method: 8260C - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)									
		12DCE	TOL	BFB	DBFM						
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)						
480-60170-1	MW-14-05/14	126	103	95	117						
480-60170-2	MW-15-05/14	129	106	94	121						
480-60170-3	MW-12-05/14	124	103	93	118						
480-60170-4	SPRING-05/14	125	104	95	123						
480-60170-7	MW-07-05/14	128	102	92	119						
480-60170-7 MS	MW-07-05/14	117	108	101	114						
480-60170-7 MSD	MW-07-05/14	118	108	101	115						
480-60170-8	MW-02-05/14	130	104	90	120						
480-60170-9	TRIP BLANK	128	104	96	117						
LCS 480-183432/5	Lab Control Sample	118	109	103	115						
LCS 480-183634/5	Lab Control Sample	115	109	100	115						
MB 480-183432/7	Method Blank	124	103	98	110						
MB 480-183634/7	Method Blank	125	104	93	118						

Surrogate Legend

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

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-183175/5
Matrix: Water
Analysis Batch: 183175

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.14	ug/L			05/20/14 22:12	1
1,1,1-Trichloroethane	ND		0.50	0.063	ug/L			05/20/14 22:12	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.070	ug/L			05/20/14 22:12	1
1,1,2-Trichloroethane	ND		0.50	0.17	ug/L			05/20/14 22:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.17	ug/L			05/20/14 22:12	1
1,1-Dichloroethane	ND		0.50	0.074	ug/L			05/20/14 22:12	1
1,1-Dichloroethene	ND		0.50	0.059	ug/L			05/20/14 22:12	1
1,1-Dichloropropene	ND		0.50	0.063	ug/L			05/20/14 22:12	1
1,2,3-Trichlorobenzene	ND		0.50	0.057	ug/L			05/20/14 22:12	1
1,2,3-Trichloropropane	ND		0.50	0.12	ug/L			05/20/14 22:12	1
1,2,4-Trichlorobenzene	ND		0.50	0.13	ug/L			05/20/14 22:12	1
1,2,4-Trimethylbenzene	ND		0.50	0.090	ug/L			05/20/14 22:12	1
1,2-Dibromo-3-Chloropropane	ND		0.50	0.21	ug/L			05/20/14 22:12	1
1,2-Dibromoethane	ND		0.50	0.14	ug/L			05/20/14 22:12	1
1,2-Dichlorobenzene	ND		0.50	0.16	ug/L			05/20/14 22:12	1
1,2-Dichloroethane	ND		0.50	0.14	ug/L			05/20/14 22:12	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			05/20/14 22:12	1
1,3,5-Trimethylbenzene	ND		0.50	0.043	ug/L			05/20/14 22:12	1
1,3-Dichlorobenzene	ND		0.50	0.13	ug/L			05/20/14 22:12	1
1,3-Dichloropropane	ND		0.50	0.15	ug/L			05/20/14 22:12	1
1,4-Dichlorobenzene	ND		0.50	0.13	ug/L			05/20/14 22:12	1
2,2-Dichloropropane	ND		0.50	0.048	ug/L			05/20/14 22:12	1
2-Butanone (MEK)	ND		2.5	0.25	ug/L			05/20/14 22:12	1
2-Chlorotoluene	ND		0.50	0.050	ug/L			05/20/14 22:12	1
2-Hexanone	ND		2.5	0.23	ug/L			05/20/14 22:12	1
4-Chlorotoluene	ND		0.50	0.050	ug/L			05/20/14 22:12	1
4-Isopropyltoluene	ND		0.50	0.063	ug/L			05/20/14 22:12	1
4-Methyl-2-pentanone (MIBK)	ND		2.5	0.26	ug/L			05/20/14 22:12	1
Acetone	ND		2.5	0.54	ug/L			05/20/14 22:12	1
Acrylonitrile	ND		10	0.48	ug/L			05/20/14 22:12	1
Allyl chloride	ND		0.50	0.091	ug/L			05/20/14 22:12	1
Benzene	ND		0.50	0.13	ug/L			05/20/14 22:12	1
Bromobenzene	ND		0.50	0.13	ug/L			05/20/14 22:12	1
Bromochloromethane	ND		0.50	0.11	ug/L			05/20/14 22:12	1
Dichlorobromomethane	ND		0.50	0.14	ug/L			05/20/14 22:12	1
Bromoform	ND		0.50	0.13	ug/L			05/20/14 22:12	1
Bromomethane	ND		0.50	0.051	ug/L			05/20/14 22:12	1
Carbon disulfide	ND		0.50	0.15	ug/L			05/20/14 22:12	1
Carbon tetrachloride	ND		0.50	0.053	ug/L			05/20/14 22:12	1
Chlorobenzene	ND		0.50	0.12	ug/L			05/20/14 22:12	1
Chlorodibromomethane	ND		0.50	0.16	ug/L			05/20/14 22:12	1
Chloroethane	ND		0.50	0.070	ug/L			05/20/14 22:12	1
Chloroform	ND		0.50	0.14	ug/L			05/20/14 22:12	1
Chloromethane	ND		0.50	0.063	ug/L			05/20/14 22:12	1
cis-1,2-Dichloroethene	ND		0.50	0.12	ug/L			05/20/14 22:12	1
cis-1,3-Dichloropropene	ND		0.50	0.080	ug/L			05/20/14 22:12	1
Dibromomethane	ND		0.50	0.17	ug/L			05/20/14 22:12	1
Dichlorodifluoromethane	ND		0.50	0.070	ug/L			05/20/14 22:12	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-183175/5
Matrix: Water
Analysis Batch: 183175

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl ether	ND		0.50	0.12	ug/L			05/20/14 22:12	1
Ethylbenzene	ND		0.50	0.11	ug/L			05/20/14 22:12	1
Hexachlorobutadiene	ND		0.50	0.11	ug/L			05/20/14 22:12	1
Iodomethane	ND		0.50	0.15	ug/L			05/20/14 22:12	1
Isopropylbenzene	ND		0.50	0.053	ug/L			05/20/14 22:12	1
Methyl tert-butyl ether	ND		0.50	0.12	ug/L			05/20/14 22:12	1
Methylene Chloride	ND		0.50	0.25	ug/L			05/20/14 22:12	1
m-Xylene & p-Xylene	ND		1.0	0.087	ug/L			05/20/14 22:12	1
Naphthalene	ND		0.50	0.060	ug/L			05/20/14 22:12	1
n-Butylbenzene	ND		0.50	0.081	ug/L			05/20/14 22:12	1
N-Propylbenzene	ND		0.50	0.057	ug/L			05/20/14 22:12	1
o-Xylene	ND		0.50	0.044	ug/L			05/20/14 22:12	1
sec-Butylbenzene	ND		0.50	0.068	ug/L			05/20/14 22:12	1
Styrene	ND		0.50	0.044	ug/L			05/20/14 22:12	1
t-Butanol	ND		10	2.5	ug/L			05/20/14 22:12	1
tert-Butylbenzene	ND		0.50	0.060	ug/L			05/20/14 22:12	1
Tetrachloroethene	ND		0.50	0.067	ug/L			05/20/14 22:12	1
Toluene	ND		0.50	0.10	ug/L			05/20/14 22:12	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			05/20/14 22:12	1
trans-1,3-Dichloropropene	ND		0.50	0.10	ug/L			05/20/14 22:12	1
trans-1,4-Dichloro-2-butene	ND		2.5	1.3	ug/L			05/20/14 22:12	1
Trichloroethene	ND		0.50	0.060	ug/L			05/20/14 22:12	1
Trichlorofluoromethane	ND		0.50	0.044	ug/L			05/20/14 22:12	1
Vinyl acetate	ND		2.5	0.17	ug/L			05/20/14 22:12	1
Vinyl chloride	ND		0.50	0.059	ug/L			05/20/14 22:12	1
Xylenes, Total	ND		1.0	0.20	ug/L			05/20/14 22:12	1
Trihalomethanes, Total	ND		2.0	1.0	ug/L			05/20/14 22:12	1
Dichlorofluoromethane	ND		0.50	0.13	ug/L			05/20/14 22:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*05/20/14 22:12*	*1*
1,2-Dichlorobenzene-d4	*105*		*80 - 120*		*05/20/14 22:12*	*1*

Lab Sample ID: LCS 480-183175/3
Matrix: Water
Analysis Batch: 183175

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	4.00	4.09		ug/L		102	70 - 130
1,1,1-Trichloroethane	4.00	4.19		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	4.00	3.96		ug/L		99	70 - 130
1,1,2-Trichloroethane	4.00	3.90		ug/L		98	70 - 130
1,1-Dichloroethane	4.00	4.10		ug/L		102	70 - 130
1,1-Dichloroethene	4.00	4.31		ug/L		108	70 - 130
1,1-Dichloropropene	4.00	4.48		ug/L		112	70 - 130
1,2,3-Trichlorobenzene	4.00	4.69		ug/L		117	70 - 130
1,2,3-Trichloropropane	4.00	4.04		ug/L		101	70 - 130
1,2,4-Trichlorobenzene	4.00	4.63		ug/L		116	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-183175/3
Matrix: Water
Analysis Batch: 183175

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	4.00	4.10		ug/L		103	70 - 130
1,2-Dibromo-3-Chloropropane	4.00	4.36		ug/L		109	70 - 130
1,2-Dibromoethane	4.00	3.85		ug/L		96	70 - 130
1,2-Dichlorobenzene	4.00	4.05		ug/L		101	70 - 130
1,2-Dichloroethane	4.00	3.90		ug/L		97	70 - 130
1,2-Dichloropropane	4.00	3.89		ug/L		97	70 - 130
1,3,5-Trimethylbenzene	4.00	4.11		ug/L		103	70 - 130
1,3-Dichlorobenzene	4.00	4.00		ug/L		100	70 - 130
1,3-Dichloropropane	4.00	3.93		ug/L		98	70 - 130
1,4-Dichlorobenzene	4.00	3.92		ug/L		98	70 - 130
2,2-Dichloropropane	4.00	4.02		ug/L		101	70 - 130
2-Butanone (MEK)	20.0	21.1		ug/L		105	70 - 130
2-Chlorotoluene	4.00	4.03		ug/L		101	70 - 130
2-Hexanone	20.0	20.3		ug/L		102	70 - 130
4-Chlorotoluene	4.00	3.95		ug/L		99	70 - 130
4-Isopropyltoluene	4.00	4.38		ug/L		110	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	20.5		ug/L		103	70 - 130
Acetone	20.0	21.1		ug/L		105	70 - 130
Benzene	4.00	3.97		ug/L		99	70 - 130
Bromobenzene	4.00	3.97		ug/L		99	70 - 130
Bromochloromethane	4.00	3.99		ug/L		100	70 - 130
Dichlorobromomethane	4.00	4.01		ug/L		100	70 - 130
Bromoform	4.00	3.74		ug/L		93	70 - 130
Bromomethane	4.00	3.81		ug/L		95	70 - 130
Carbon disulfide	4.00	4.27		ug/L		107	70 - 130
Carbon tetrachloride	4.00	4.40		ug/L		110	70 - 130
Chlorobenzene	4.00	3.94		ug/L		98	70 - 130
Chlorodibromomethane	4.00	3.99		ug/L		100	70 - 130
Chloroethane	4.00	3.76		ug/L		94	70 - 130
Chloroform	4.00	4.00		ug/L		100	70 - 130
Chloromethane	4.00	3.80		ug/L		95	70 - 130
cis-1,2-Dichloroethene	4.00	4.06		ug/L		101	70 - 130
cis-1,3-Dichloropropene	4.00	4.16		ug/L		104	70 - 130
Dibromomethane	4.00	4.20		ug/L		105	70 - 130
Dichlorodifluoromethane	4.00	4.09		ug/L		102	70 - 130
Ethylbenzene	4.00	4.01		ug/L		100	70 - 130
Hexachlorobutadiene	4.00	4.88		ug/L		122	70 - 130
Isopropylbenzene	4.00	4.27		ug/L		107	70 - 130
Methyl tert-butyl ether	4.00	4.11		ug/L		103	70 - 130
Methylene Chloride	4.00	3.68		ug/L		92	70 - 130
Naphthalene	4.00	4.78		ug/L		119	70 - 130
n-Butylbenzene	4.00	4.46		ug/L		111	70 - 130
N-Propylbenzene	4.00	4.06		ug/L		102	70 - 130
sec-Butylbenzene	4.00	4.31		ug/L		108	70 - 130
Styrene	4.00	3.93		ug/L		98	70 - 130
tert-Butylbenzene	4.00	4.27		ug/L		107	70 - 130
Tetrachloroethene	4.00	4.09		ug/L		102	70 - 130
Toluene	4.00	4.05		ug/L		101	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-183175/3
Matrix: Water
Analysis Batch: 183175

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	4.00	4.22		ug/L		106	70 - 130
trans-1,3-Dichloropropene	4.00	4.48		ug/L		112	70 - 130
Trichloroethene	4.00	4.16		ug/L		104	70 - 130
Trichlorofluoromethane	4.00	4.20		ug/L		105	70 - 130
Vinyl chloride	4.00	3.81		ug/L		95	70 - 130
Xylenes, Total	8.00	8.18		ug/L		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*

Lab Sample ID: LCSD 480-183175/4
Matrix: Water
Analysis Batch: 183175

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.00	4.18		ug/L		105	70 - 130	2	20
1,1,1-Trichloroethane	4.00	4.56		ug/L		114	70 - 130	9	20
1,1,2,2-Tetrachloroethane	4.00	3.96		ug/L		99	70 - 130	0	20
1,1,2-Trichloroethane	4.00	3.87		ug/L		97	70 - 130	1	20
1,1-Dichloroethane	4.00	4.30		ug/L		108	70 - 130	5	20
1,1-Dichloroethene	4.00	4.26		ug/L		107	70 - 130	1	20
1,1-Dichloropropene	4.00	4.64		ug/L		116	70 - 130	4	20
1,2,3-Trichlorobenzene	4.00	4.64		ug/L		116	70 - 130	1	20
1,2,3-Trichloropropane	4.00	4.00		ug/L		100	70 - 130	1	20
1,2,4-Trichlorobenzene	4.00	4.84		ug/L		121	70 - 130	5	20
1,2,4-Trimethylbenzene	4.00	4.17		ug/L		104	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	4.00	4.51		ug/L		113	70 - 130	3	20
1,2-Dibromoethane	4.00	4.03		ug/L		101	70 - 130	5	20
1,2-Dichlorobenzene	4.00	4.12		ug/L		103	70 - 130	2	20
1,2-Dichloroethane	4.00	4.01		ug/L		100	70 - 130	3	20
1,2-Dichloropropane	4.00	4.06		ug/L		101	70 - 130	4	20
1,3,5-Trimethylbenzene	4.00	4.21		ug/L		105	70 - 130	2	20
1,3-Dichlorobenzene	4.00	4.11		ug/L		103	70 - 130	3	20
1,3-Dichloropropane	4.00	3.92		ug/L		98	70 - 130	0	20
1,4-Dichlorobenzene	4.00	4.07		ug/L		102	70 - 130	4	20
2,2-Dichloropropane	4.00	4.50		ug/L		112	70 - 130	11	20
2-Butanone (MEK)	20.0	21.1		ug/L		106	70 - 130	0	20
2-Chlorotoluene	4.00	4.09		ug/L		102	70 - 130	2	20
2-Hexanone	20.0	19.9		ug/L		100	70 - 130	2	20
4-Chlorotoluene	4.00	4.03		ug/L		101	70 - 130	2	20
4-Isopropyltoluene	4.00	4.45		ug/L		111	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)	20.0	20.6		ug/L		103	70 - 130	0	20
Acetone	20.0	22.2		ug/L		111	70 - 130	5	20
Benzene	4.00	4.18		ug/L		105	70 - 130	5	20
Bromobenzene	4.00	4.04		ug/L		101	70 - 130	2	20
Bromochloromethane	4.00	4.06		ug/L		102	70 - 130	2	20
Dichlorobromomethane	4.00	4.04		ug/L		101	70 - 130	1	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-183175/4
Matrix: Water
Analysis Batch: 183175

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromoform	4.00	3.78		ug/L		95	70 - 130	1	20
Bromomethane	4.00	4.39		ug/L		110	70 - 130	14	20
Carbon disulfide	4.00	4.64		ug/L		116	70 - 130	8	20
Carbon tetrachloride	4.00	4.63		ug/L		116	70 - 130	5	20
Chlorobenzene	4.00	4.05		ug/L		101	70 - 130	3	20
Chlorodibromomethane	4.00	4.01		ug/L		100	70 - 130	1	20
Chloroethane	4.00	4.30		ug/L		108	70 - 130	13	20
Chloroform	4.00	4.07		ug/L		102	70 - 130	2	20
Chloromethane	4.00	3.96		ug/L		99	70 - 130	4	20
cis-1,2-Dichloroethene	4.00	4.22		ug/L		106	70 - 130	4	20
cis-1,3-Dichloropropene	4.00	4.32		ug/L		108	70 - 130	4	20
Dibromomethane	4.00	4.13		ug/L		103	70 - 130	2	20
Dichlorodifluoromethane	4.00	4.25		ug/L		106	70 - 130	4	20
Ethylbenzene	4.00	4.15		ug/L		104	70 - 130	3	20
Hexachlorobutadiene	4.00	4.96		ug/L		124	70 - 130	2	20
Isopropylbenzene	4.00	4.35		ug/L		109	70 - 130	2	20
Methyl tert-butyl ether	4.00	4.24		ug/L		106	70 - 130	3	20
Methylene Chloride	4.00	3.81		ug/L		95	70 - 130	4	20
Naphthalene	4.00	4.90		ug/L		122	70 - 130	2	20
n-Butylbenzene	4.00	4.56		ug/L		114	70 - 130	2	20
N-Propylbenzene	4.00	4.16		ug/L		104	70 - 130	2	20
sec-Butylbenzene	4.00	4.44		ug/L		111	70 - 130	3	20
Styrene	4.00	4.12		ug/L		103	70 - 130	5	20
tert-Butylbenzene	4.00	4.38		ug/L		109	70 - 130	2	20
Tetrachloroethene	4.00	4.21		ug/L		105	70 - 130	3	20
Toluene	4.00	4.22		ug/L		106	70 - 130	4	20
trans-1,2-Dichloroethene	4.00	4.32		ug/L		108	70 - 130	2	20
trans-1,3-Dichloropropene	4.00	4.50		ug/L		113	70 - 130	1	20
Trichloroethene	4.00	4.35		ug/L		109	70 - 130	5	20
Trichlorofluoromethane	4.00	4.32		ug/L		108	70 - 130	3	20
Vinyl chloride	4.00	4.07		ug/L		102	70 - 130	6	20
Xylenes, Total	8.00	8.36		ug/L		105	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
1,2-Dichlorobenzene-d4	*103*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-183432/7
Matrix: Water
Analysis Batch: 183432

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			05/21/14 23:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/21/14 23:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/21/14 23:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/21/14 23:58	1

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

Lab Sample ID: MB 480-183432/7
Matrix: Water
Analysis Batch: 183432

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/21/14 23:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/21/14 23:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/21/14 23:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/21/14 23:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/21/14 23:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/21/14 23:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/21/14 23:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/21/14 23:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/21/14 23:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/21/14 23:58	1
2-Hexanone	ND		5.0	1.2	ug/L			05/21/14 23:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/21/14 23:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/21/14 23:58	1
Acetone	ND		10	3.0	ug/L			05/21/14 23:58	1
Benzene	ND		1.0	0.41	ug/L			05/21/14 23:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/21/14 23:58	1
Bromoform	ND		1.0	0.26	ug/L			05/21/14 23:58	1
Bromomethane	ND		1.0	0.69	ug/L			05/21/14 23:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/21/14 23:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/21/14 23:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/21/14 23:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/21/14 23:58	1
Chloroethane	ND		1.0	0.32	ug/L			05/21/14 23:58	1
Chloroform	ND		1.0	0.34	ug/L			05/21/14 23:58	1
Chloromethane	ND		1.0	0.35	ug/L			05/21/14 23:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/21/14 23:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/21/14 23:58	1
Cyclohexane	ND		1.0	0.18	ug/L			05/21/14 23:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/21/14 23:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/21/14 23:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/21/14 23:58	1
Methyl acetate	ND		2.5	0.50	ug/L			05/21/14 23:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/21/14 23:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/21/14 23:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/21/14 23:58	1
Styrene	ND		1.0	0.73	ug/L			05/21/14 23:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/21/14 23:58	1
Toluene	ND		1.0	0.51	ug/L			05/21/14 23:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/21/14 23:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/21/14 23:58	1
Trichloroethene	ND		1.0	0.46	ug/L			05/21/14 23:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/21/14 23:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/21/14 23:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/21/14 23:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*66 - 137*		*05/21/14 23:58*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*05/21/14 23:58*	*1*

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

Lab Sample ID: MB 480-183432/7
Matrix: Water
Analysis Batch: 183432

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*05/21/14 23:58*	*1*
Dibromofluoromethane (Surr)	*110*		*60 - 140*		*05/21/14 23:58*	*1*

Lab Sample ID: LCS 480-183432/5
Matrix: Water
Analysis Batch: 183432

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	24.7		ug/L		99	71 - 129
1,1-Dichloroethene	25.0	19.7		ug/L		79	58 - 121
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	27.6		ug/L		110	75 - 127
Benzene	25.0	24.3		ug/L		97	71 - 124
Chlorobenzene	25.0	24.8		ug/L		99	72 - 120
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 - 124
Ethylbenzene	25.0	25.7		ug/L		103	77 - 123
Methyl tert-butyl ether	25.0	24.2		ug/L		97	64 - 127
Tetrachloroethene	25.0	23.7		ug/L		95	74 - 122
Toluene	25.0	24.3		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
Trichloroethene	25.0	25.1		ug/L		100	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*118*		*66 - 137*
Toluene-d8 (Surr)	*109*		*71 - 126*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*115*		*60 - 140*

Lab Sample ID: MB 480-183634/7
Matrix: Water
Analysis Batch: 183634

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			05/22/14 23:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/22/14 23:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/22/14 23:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/22/14 23:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/22/14 23:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/22/14 23:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/22/14 23:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/22/14 23:10	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/22/14 23:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/22/14 23:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/22/14 23:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/22/14 23:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/22/14 23:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/22/14 23:10	1
2-Hexanone	ND		5.0	1.2	ug/L			05/22/14 23:10	1

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

Lab Sample ID: MB 480-183634/7
Matrix: Water
Analysis Batch: 183634

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10	1.3	ug/L			05/22/14 23:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/22/14 23:10	1
Acetone	ND		10	3.0	ug/L			05/22/14 23:10	1
Benzene	ND		1.0	0.41	ug/L			05/22/14 23:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/22/14 23:10	1
Bromoform	ND		1.0	0.26	ug/L			05/22/14 23:10	1
Bromomethane	ND		1.0	0.69	ug/L			05/22/14 23:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/22/14 23:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/22/14 23:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/22/14 23:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/22/14 23:10	1
Chloroethane	ND		1.0	0.32	ug/L			05/22/14 23:10	1
Chloroform	ND		1.0	0.34	ug/L			05/22/14 23:10	1
Chloromethane	ND		1.0	0.35	ug/L			05/22/14 23:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/22/14 23:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/22/14 23:10	1
Cyclohexane	ND		1.0	0.18	ug/L			05/22/14 23:10	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/22/14 23:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/22/14 23:10	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/22/14 23:10	1
Methyl acetate	ND		2.5	0.50	ug/L			05/22/14 23:10	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/22/14 23:10	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/22/14 23:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/22/14 23:10	1
Styrene	ND		1.0	0.73	ug/L			05/22/14 23:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/22/14 23:10	1
Toluene	ND		1.0	0.51	ug/L			05/22/14 23:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/22/14 23:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/22/14 23:10	1
Trichloroethene	ND		1.0	0.46	ug/L			05/22/14 23:10	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/22/14 23:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/22/14 23:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/22/14 23:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*66 - 137*		*05/22/14 23:10*	*1*
Toluene-d8 (Surr)	*104*		*71 - 126*		*05/22/14 23:10*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*05/22/14 23:10*	*1*
Dibromofluoromethane (Surr)	*118*		*60 - 140*		*05/22/14 23:10*	*1*

Lab Sample ID: LCS 480-183634/5
Matrix: Water
Analysis Batch: 183634

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	23.8		ug/L		95	71 - 129
1,1-Dichloroethene	25.0	20.6		ug/L		82	58 - 121
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 124

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

Lab Sample ID: LCS 480-183634/5
Matrix: Water
Analysis Batch: 183634

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	25.0	26.0		ug/L		104	75 - 127
Benzene	25.0	23.7		ug/L		95	71 - 124
Chlorobenzene	25.0	24.4		ug/L		98	72 - 120
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
Ethylbenzene	25.0	25.2		ug/L		101	77 - 123
Methyl tert-butyl ether	25.0	21.7		ug/L		87	64 - 127
Tetrachloroethene	25.0	23.1		ug/L		92	74 - 122
Toluene	25.0	24.4		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	73 - 127
Trichloroethene	25.0	24.2		ug/L		97	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*
Toluene-d8 (Surr)	*109*		*71 - 126*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*115*		*60 - 140*

Lab Sample ID: 480-60170-7 MS
Matrix: Water
Analysis Batch: 183634

Client Sample ID: MW-07-05/14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	4.6		50.0	55.5		ug/L		102	71 - 129
1,1-Dichloroethene	ND		50.0	47.0		ug/L		94	58 - 121
1,2-Dichlorobenzene	ND		50.0	53.4		ug/L		107	80 - 124
1,2-Dichloroethane	ND		50.0	55.9		ug/L		112	75 - 127
Benzene	ND		50.0	52.0		ug/L		104	71 - 124
Chlorobenzene	ND		50.0	53.8		ug/L		108	72 - 120
cis-1,2-Dichloroethene	37		50.0	87.1		ug/L		101	74 - 124
Ethylbenzene	ND		50.0	54.9		ug/L		110	77 - 123
Methyl tert-butyl ether	ND		50.0	43.3		ug/L		87	64 - 127
Tetrachloroethene	85		50.0	138		ug/L		105	74 - 122
Toluene	ND		50.0	53.0		ug/L		106	80 - 122
trans-1,2-Dichloroethene	ND		50.0	51.2		ug/L		102	73 - 127
Trichloroethene	30		50.0	82.4		ug/L		105	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*117*		*66 - 137*
Toluene-d8 (Surr)	*108*		*71 - 126*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*114*		*60 - 140*

Lab Sample ID: 480-60170-7 MSD
Matrix: Water
Analysis Batch: 183634

Client Sample ID: MW-07-05/14
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	4.6		50.0	58.4		ug/L		108	71 - 129	5	20

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

Lab Sample ID: 480-60170-7 MSD
Matrix: Water
Analysis Batch: 183634

Client Sample ID: MW-07-05/14
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-Dichloroethene	ND		50.0	44.5		ug/L		89	58 - 121	5	16
1,2-Dichlorobenzene	ND		50.0	56.6		ug/L		113	80 - 124	6	20
1,2-Dichloroethane	ND		50.0	57.7		ug/L		115	75 - 127	3	20
Benzene	ND		50.0	53.9		ug/L		108	71 - 124	4	13
Chlorobenzene	ND		50.0	55.4		ug/L		111	72 - 120	3	25
cis-1,2-Dichloroethene	37		50.0	90.4		ug/L		108	74 - 124	4	15
Ethylbenzene	ND		50.0	57.2		ug/L		114	77 - 123	4	15
Methyl tert-butyl ether	ND		50.0	47.9		ug/L		96	64 - 127	10	37
Tetrachloroethene	85		50.0	134		ug/L		98	74 - 122	3	20
Toluene	ND		50.0	55.3		ug/L		111	80 - 122	4	15
trans-1,2-Dichloroethene	ND		50.0	52.9		ug/L		106	73 - 127	3	20
Trichloroethene	30		50.0	82.3		ug/L		105	74 - 123	0	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*118*		*66 - 137*
Toluene-d8 (Surr)	*108*		*71 - 126*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*115*		*60 - 140*

GC/MS VOA

Analysis Batch: 183175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-60170-5	BW-01-05/14	Total/NA	Water	524.2	
480-60170-6	SW-01-05/14	Total/NA	Water	524.2	
480-60170-10	TRIP BLANK	Total/NA	Water	524.2	
LCS 480-183175/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 480-183175/4	Lab Control Sample Dup	Total/NA	Water	524.2	
MB 480-183175/5	Method Blank	Total/NA	Water	524.2	

Analysis Batch: 183432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-60170-1	MW-14-05/14	Total/NA	Water	8260C	
480-60170-3	MW-12-05/14	Total/NA	Water	8260C	
480-60170-4	SPRING-05/14	Total/NA	Water	8260C	
480-60170-9	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-183432/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-183432/7	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 183634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-60170-2	MW-15-05/14	Total/NA	Water	8260C	
480-60170-7	MW-07-05/14	Total/NA	Water	8260C	
480-60170-7 MS	MW-07-05/14	Total/NA	Water	8260C	
480-60170-7 MSD	MW-07-05/14	Total/NA	Water	8260C	
480-60170-8	MW-02-05/14	Total/NA	Water	8260C	
LCS 480-183634/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-183634/7	Method Blank	Total/NA	Water	8260C	

Lab Chronicle

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Client Sample ID: MW-14-05/14
Lab Sample ID: 480-60170-1
Date Collected: 05/18/14 10:55
Matrix: Water
Date Received: 05/19/14 17:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	183432	05/22/14 00:29	GTG	TAL BUF

Client Sample ID: MW-15-05/14
Lab Sample ID: 480-60170-2
Date Collected: 05/18/14 11:55
Matrix: Water
Date Received: 05/19/14 17:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	183634	05/22/14 23:44	NQN	TAL BUF

Client Sample ID: MW-12-05/14
Lab Sample ID: 480-60170-3
Date Collected: 05/18/14 12:50
Matrix: Water
Date Received: 05/19/14 17:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	183432	05/22/14 01:17	GTG	TAL BUF

Client Sample ID: SPRING-05/14
Lab Sample ID: 480-60170-4
Date Collected: 05/18/14 13:00
Matrix: Water
Date Received: 05/19/14 17:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	183432	05/22/14 01:40	GTG	TAL BUF

Client Sample ID: BW-01-05/14
Lab Sample ID: 480-60170-5
Date Collected: 05/18/14 13:30
Matrix: Water
Date Received: 05/19/14 17:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	183175	05/21/14 05:58	RAL	TAL BUF

Client Sample ID: SW-01-05/14
Lab Sample ID: 480-60170-6
Date Collected: 05/18/14 14:15
Matrix: Water
Date Received: 05/19/14 17:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	183175	05/21/14 06:23	RAL	TAL BUF

Lab Chronicle

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Client Sample ID: MW-07-05/14

Lab Sample ID: 480-60170-7

Date Collected: 05/18/14 15:00
Matrix: Water
Date Received: 05/19/14 17:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	183634	05/23/14 00:08	NQN	TAL BUF

Client Sample ID: MW-02-05/14

Lab Sample ID: 480-60170-8

Date Collected: 05/18/14 16:30
Matrix: Water
Date Received: 05/19/14 17:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	183634	05/23/14 00:32	NQN	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-60170-9

Date Collected: 05/18/14 00:00
Matrix: Water
Date Received: 05/19/14 17:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	183432	05/22/14 04:04	GTG	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-60170-10

Date Collected: 05/18/14 00:00
Matrix: Water
Date Received: 05/19/14 17:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	183175	05/21/14 06:48	RAL	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: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
524.2		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
524.2		Water	2-Butanone (MEK)
524.2		Water	2-Hexanone
524.2		Water	4-Methyl-2-pentanone (MIBK)
524.2		Water	Acetone
524.2		Water	Acrylonitrile
524.2		Water	Allyl chloride
524.2		Water	Carbon disulfide
524.2		Water	Dichlorofluoromethane
524.2		Water	Ethyl ether
524.2		Water	m-Xylene & p-Xylene
524.2		Water	o-Xylene
524.2		Water	t-Butanol
524.2		Water	trans-1,4-Dichloro-2-butene
524.2		Water	Vinyl acetate

Method Summary

Client: URS Corporation
Project/Site: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL BUF
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

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: 11172991.00000 - Wyoming County Fire Ctr

TestAmerica Job ID: 480-60170-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-60170-1	MW-14-05/14	Water	05/18/14 10:55	05/19/14 17:08
480-60170-2	MW-15-05/14	Water	05/18/14 11:55	05/19/14 17:08
480-60170-3	MW-12-05/14	Water	05/18/14 12:50	05/19/14 17:08
480-60170-4	SPRING-05/14	Water	05/18/14 13:00	05/19/14 17:08
480-60170-5	BW-01-05/14	Water	05/18/14 13:30	05/19/14 17:08
480-60170-6	SW-01-05/14	Water	05/18/14 14:15	05/19/14 17:08
480-60170-7	MW-07-05/14	Water	05/18/14 15:00	05/19/14 17:08
480-60170-8	MW-02-05/14	Water	05/18/14 16:30	05/19/14 17:08
480-60170-9	TRIP BLANK	Water	05/18/14 00:00	05/19/14 17:08
480-60170-10	TRIP BLANK	Water	05/18/14 00:00	05/19/14 17:08

CHAIN OF CUSTODY RECORD

URS

PROJECT NO.

SITE NAME: Wyoming City FTC

SAMPLERS (PRINT/SIGNATURE): John Boyd

LAB: Test America

COOLER: 1 of 1

PAGE: 1 of 1

DELIVERY SERVICE: Drop Off AIRBILL NO.:

480-60170 Chain of Custody

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# OF CONTAINERS	TESTS: 8260 TCL VOC's	TESTS: 524.2 TCL VOC's	BOTTLE TYPE AND PRESERVATIVE: 40 mL VOA HCL	BOTTLE TYPE AND PRESERVATIVE: 40 mL VOA HCL	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO.# (IRPIMS ONLY)
	5/18/14	1055	GRAB	MW-14-05/14		3	3				N			
		1155		MW-15-05/14		3	3				N			
		1250		MW-12-05/14		3	3				N			
		1300		SPRING-05/14		3	3				N			
		1330		BW-01-05/14		3		3			N			
		1415		SW-01-05/14		3		3			N			
		1500		MW-07-05/14		2	2				N			
		1630		MW-02-05/14		3	3				N			
		1500		MW-07-05/14 MS		2	2				MS			
		1500		MW-07-05/14 SD		2	2				SD			
				TRIP BLANK		1	1				TB			
				TRIP BLANK		1		1			TB			

MATRIX CODES	AA - AMBIENT AIR	SL - SLUDGE	WG - GROUND WATER	WL - LEACHATE	WO - OCEAN WATER	LH - HAZARDOUS LIQUID WASTE
	SE - SEDIMENT	WP - DRINKING WATER	SO - SOIL	GS - SOIL GAS	WS - SURFACE WATER	LF - FLOATING/FREE PRODUCT ON GW TABLE
	SH - HAZARDOUS SOLID WASTE	WW - WASTE WATER	DC - DRILL CUTTINGS	WC - DRILLING WATER	WQ - WATER FIELD QC	
SAMPLE TYPE CODES	TB# - TRIP BLANK	RB# - RINSE BLANK	N# - NORMAL ENVIRONMENTAL SAMPLE	(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)		
	SD# - MATRIX SPIKE DUPLICATE	FR# - FIELD REPLICATE	MS# - MATRIX SPIKE			

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
John Boyd	5/19/14	1708		5/19/14	1710
~~RELINQUISHED~~ BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME

SPECIAL INSTRUCTIONS: Melissa Deyo Lab PM

Distribution: Original accompanies shipment, copy to coordinator field files

4.1 #1

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

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 480-60170-1

Login Number: 60170

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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	N/A	
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.	False	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	False	Lab to check