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April 21, 2015

Ms. Dilan Roe
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94501-6577

Subject: **Third and Fourth Quarter 2014 Groundwater Monitoring Report**
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California
Site Cleanup Program Case No. RO0003014

Dear Ms. Roe:

Enclosed please find the *Third and Fourth Quarter 2014 Groundwater Monitoring Report* for the Crown Chevrolet Cadillac Isuzu site at 7544 Dublin Boulevard, Dublin, California (Fuel Leak Case No. RO0003014, GeoTracker Global ID T10000001616). This document was prepared by Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler), on behalf of Crown Chevrolet Cadillac Isuzu.

I declare under penalty of perjury that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Please contact me at (408) 680-4938 or Avery Whitmarsh of Amec Foster Wheeler at 510-663-4154 if you have any questions regarding this report.

Sincerely yours,

Sean P. Murphy
Dublin Apartment Properties LLC
BWD Dublin LLC

Attachment: Third and Fourth Quarter 2014 Groundwater Monitoring Report

cc: Tondria Hendrix, Zurich North American Insurance
Thomas L. Vormbrock, Rimkus Consulting Group, Inc.

THIRD AND FOURTH QUARTER 2014 GROUNDWATER MONITORING REPORT

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Prepared for:

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Prepared by:

Amec Foster Wheeler Environment & Infrastructure, Inc.
180 Grand Avenue, Suite 1100
Oakland, California 94612

April 2015

Project No. OD10160070

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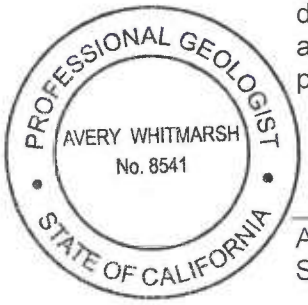
THIRD AND FOURTH QUARTER 2014
GROUNDWATER MONITORING REPORT
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

April 21, 2015
Project OD10160070

This report was prepared by the staff of Amec Foster Wheeler Environment & Infrastructure, Inc., under the supervision of the Geologist whose seal and signature appear hereon.

The findings, recommendations, specifications, or professional opinions are presented within the limits described by the client, in accordance with generally accepted professional engineering and geologic practice. No warranty is expressed or implied.



Avery Whitmarsh, PG #8541
Senior Geologist

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THIRD AND FOURTH QUARTER 2014
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Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler),[1] has prepared this *Third and Fourth Quarter 2014 Groundwater Monitoring Report* ("monitoring report") on behalf of the Betty J. Woolverton Trust and Crown Chevrolet Cadillac Isuzu (collectively, Crown) for the property located at 7544 Dublin Boulevard in Dublin, California (the site; Figure 1). The groundwater monitoring was performed at the request of Alameda County Department of Environmental Health (ACDEH).

On July 30 and October 6, 2014, Amec Foster Wheeler performed the quarterly groundwater elevation gauging and groundwater sampling for the monitoring wells installed at the site. Additional gauging was conducted on December 18, 2014. This report presents the results of the quarterly groundwater monitoring events and the additional gauging event.

1.0 BACKGROUND

A brief discussion of site background is presented below. A more complete discussion of background, including a site conceptual model, is presented in the *Final Feasibility Study and Corrective Action Plan* (FS/CAP; AMEC, 2014).

The site was developed in 1968 as Crown Chevrolet, a car dealership with auto body shops, on land that was likely previously used for agriculture. At that time, the three main site buildings (Buildings A, B, and C) were constructed. Building A was later expanded. Building D was reportedly constructed in 1994. Operations as a car dealership and auto body shop continued from 1968 through mid-2013. The property was sold to BWD Dublin LLC in the fall of 2014, and the site buildings were demolished in December 2014 in preparation for redevelopment.

The site consists of an approximately 4.97-acre parcel (ACDEH Case No. RO0003014). A separate 1.36-acre parcel is also present to the south at 6707 Golden Gate Drive and was decoupled from the ACDEH case for the 4.97-acre parcel in December 2013. Case No. RO0003130 was opened for the Crown Chevrolet South Parcel at that time. No groundwater impacts have been identified in the 1.36-acre parcel, and the case was closed on August 4, 2014.

[1] AMEC Environment & Infrastructure, Inc. (AMEC), became Amec Foster Wheeler Environment & Infrastructure, Inc., effective January 1, 2015.

Multiple investigations have been conducted at the site; these investigations have been performed to address regulatory concerns as well as in support of transactional and potential redevelopment activities. Based on the previous investigations, two areas of groundwater impacts were identified:

- Volatile organic compounds (VOCs), primarily tetrachloroethene (PCE) and trichloroethene (TCE), are present in shallow groundwater throughout the northern portion of the site (within the area shown on Figure 2). The PCE and TCE are attributed to an off-site source; the specific source has not been identified (AMEC, 2012b).
- Chlorobenzenes and related compounds (e.g., 1,2-dichlorobenzene and 1,4-dichlorobenzene) are present in groundwater and soil vapor at a former sump within Building B (Building B and the former sump are shown on Figure 2). Remediation was performed in October 2011 at the former sump and included removal of soil and VOC-affected water; however, some impacted soil remained beneath building walls (AMEC, 2011).

A summary of the results from the previous investigations is included in Amec Foster Wheeler's *Soil, Groundwater, and Soil Vapor Investigation Report* (AMEC, 2012b). Site redevelopment is planned, and the FS/CAP describes the corrective action objectives (CAOs) for the site and outlines plans to meet the CAOs and mitigate the impacts discussed above (AMEC, 2014). A *Vapor Mitigation and Permeable Reactive Barrier Basis of Design Report* is currently in preparation that will provide detailed information regarding the design of the corrective actions proposed in the FS/CAP. Additionally, after the site buildings were demolished in December 2014, more impacted soil was removed from around the former sump in February 2015; the soil removal activities will be documented in a forthcoming *Post-Demolition Investigation and Remediation Report*, which is expected to be submitted to ACDEH in May or June 2015, following completion of the demolition and remedial activities.

In order to monitor groundwater conditions at the site, seven monitoring wells (with a total of 15 well ports at varying depths) were installed at the site in September 2012. An initial round of sampling was conducted at that time, and the well installation activities and results were reported in the *Soil, Groundwater, and Soil Vapor Investigation Report* (AMEC, 2012b). Beginning in January 2013, the site wells were sampled once each quarter, and the results documented in monitoring reports prepared by Amec Foster Wheeler on a quarterly or semiannual basis. Three additional piezometers were installed in August 2014 as part of a investigation to support the design of the permeable reactive barrier. A summary of the piezometer installation, including field methods, will be included in the *Vapor Mitigation and Permeable Reactive Barrier Basis of Design Report.*

In the second half of 2014, in preparation for site redevelopment, the site monitoring wells were destroyed. Monitoring well MW-03 was destroyed in August 2014 prior to the demolition of Building B. The remaining monitoring wells and the three piezometers were destroyed in

December 2014. A summary of the well destruction activities, including field methods, will be included in the *Post-Demolition Investigation and Remediation Report.*

A summary of the field and laboratory methods and results for the third and fourth quarter 2014 monitoring events, conducted at the site on July 30, 2014 (when all monitoring wells were present), and October 6, 2014 (following the destruction of monitoring well MW-03), is presented in this monitoring report.

2.0 GROUNDWATER MONITORING ACTIVITIES

The following sections describe the work performed in association with the groundwater monitoring activities at the site. The sampling methodologies and analytical suite are consistent with the methods presented in the *Soil, Groundwater and Soil Vapor Investigation Work Plan* (AMEC, 2012a).

On July 30, 2014, groundwater samples were collected from 15 wells and well ports at the site. On October 6, 2014, groundwater samples were collected from 14 monitoring wells and well ports and water levels were measured in piezometers PZ-01, PZ-02, and PZ-03. During the July 2014 monitoring event, the monitoring well network at the site consisted of three shallow groundwater monitoring wells screened in the first water-bearing zone; and four continuous multichannel tubing (CMT) wells, each with three ports (in the first water-bearing zone and in two deeper zones). During the October 2014 monitoring event, the monitoring well network consisted of one less monitoring well screened in the shallow water-bearing zone (monitoring well MW-03 had been destroyed). The wells and piezometers were additionally gauged in December 2014, prior to destruction. Construction details for the monitoring wells, piezometers, and the CMT wells are presented in Table 1.

2.1 GROUNDWATER ELEVATION GAUGING

Prior to collecting depth-to-groundwater measurements, the well cap was first removed from each well and the water levels were allowed to equilibrate. Equilibration was considered complete when two depth-to-groundwater measurements collected within several minutes at a well were equivalent. The depth-to-groundwater measurements were made to an accuracy of 0.01 foot with an electric sounder. The depth to groundwater at each well was recorded on a water level monitoring record. Copies of the well level monitoring records from July, October, and December 2014 are included in Appendix A.

2.2 MONITORING WELL SAMPLING

Following the water level measurements and prior to sample collection, each well was purged using a low-flow technique at flow rates ranging from 30 to 200 milliliters per minute (mL/min). During purging, the following field measurements were recorded and documented on field records: dissolved oxygen, oxidation/reduction potential, temperature, pH, and specific conductance. Copies of the well sampling field records are included in Appendix A. Purging

was considered complete when these parameters had stabilized (three consecutive readings within the following limits: ± 3 percent change in conductivity, ± 0.2 pH units, ± 0.2 mg/l for dissolved oxygen, ± 20 mV for oxidation-reduction potential, and turbidity is ± 10 percent or <10 NTU). However, due to slow recharge, several ports at monitoring wells MP-01 through MP-04, and MW-03 were purged dry and then sampled once they recharged with groundwater; the field parameters did not stabilize. During the third and fourth quarters, a sample was collected at port MP-03-2 prior to purging dry and before stabilization due to a history of slow recharge at that well. No sample was collected from MP-02-1 in October due the port being dry.

Following purging, groundwater samples were collected from each well into laboratory-provided volatile organic analysis (VOA) containers preserved with hydrochloric acid, using a peristaltic pump. Each sample was immediately labeled with a unique identifier and the sample collection time, and then stored in an ice-chilled cooler pending transport to the analytical laboratory under Amec Foster Wheeler chain-of-custody procedures. The purge water generated during the sampling activities was placed in a labeled Department of Transportation-approved container and temporarily stored at the site pending disposal (see Section 2.4).

One blind field duplicate groundwater sample was collected during each of the monitoring events from monitoring well MW-01. The duplicate samples were collected and stored in the same manner as the primary samples and submitted to the laboratory for analysis of the same suite of constituents. A discussion of data quality is included below, in Section 2.5.

2.3 LABORATORY ANALYTICAL METHODS

The groundwater samples were delivered to TestAmerica Laboratories, Inc. (TestAmerica), of Pleasanton, California, a California Department of Public Health−accredited laboratory (Certificate No. 2496). The groundwater samples were analyzed for VOCs (including total petroleum hydrocarbons quantified as gasoline [TPHg]) using U.S. EPA Method 8260B. Copies of the laboratory analytical reports are included in Appendix B.

2.4 INVESTIGATION DERIVED WASTE MANAGEMENT

The decontamination, rinse, and purge water generated during the groundwater monitoring events was stored at the site in an appropriately–labeled 55-gallon drum pending off-site disposal.

2.5 DATA QUALITY REVIEW

Amec Foster Wheeler evaluated the analytical data generated during the third and fourth quarter groundwater monitoring events using guidelines set forth in the U.S. Environmental Protection Agency's (EPA's) *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (U.S. EPA, 2013). The complete data

quality review, which was reviewed and acknowledged by an Amec Foster Wheeler quality assurance/quality control (QA/QC) senior technical reviewer, is included in Appendix C, and is summarized below.

Quality assurance procedures for groundwater samples collected during the quarterly groundwater monitoring program included the collection and analysis of one blind field duplicate sample and one matrix spike/matrix spike duplicate (MS/MSD) sample per event; laboratory analysis of method blank samples, surrogate spikes, and of laboratory control spike/laboratory control spike duplicate (LCS/LCSD) samples; and evaluation of the analytical results.

Data accuracy was assessed by the analysis of LCS/LCSD samples, MS/MSD samples and evaluation of the recovery of spiked compounds, and is expressed as a percentage of the true or known concentrations. Surrogate recoveries and blank results also were used to assess accuracy. Data precision was evaluated by comparing analytical results from duplicate sample pairs and evaluating the calculated relative percent difference (RPD) between the data sets. The results for LCS/LCSD, MS/MSD, and field duplicate sample pairs (as available) were evaluated to assess the precision of the analytical methods for the water sample data.

All detectable concentrations of TPHg (reported by the analytical laboratory as gasoline range organics) in both sampling events were identified by the laboratory to be the result of discrete peaks (caused by one or more compounds including PCE, TCE, and cis-1,2-dichloroethene). Therefore, these TPHg results were qualified with “R” to indicate that they are rejected.

No other data quality deficiencies were identified during the data quality review. With the exception of the rejected data, all laboratory results are valid and usable.

3.0 RESULTS

The following section presents the results of the third and fourth quarter 2014 groundwater monitoring activities.

3.1 GROUNDWATER ELEVATIONS, FLOW DIRECTIONS, AND GRADIENTS

Depths to groundwater were measured on July 30, 2014, in monitoring wells MW-01 through MW-03, and MP-01 through MP-04. Depths to groundwater were measured on October 6 and December 18, 2014, in monitoring wells MW-01, MW-02, MP-01 through MP-04, and piezometers PZ-01 though PZ-03. The depths to groundwater and calculated groundwater surface elevations are presented in Table 2.

Amec Foster Wheeler has identified and collected groundwater samples from three water bearing zones at the site. Based on the observed lithology and water level elevations, the first and third water-bearing zones appear to represent generally well-connected water-bearing

zones. Lithologic observations and water level elevations in second water-bearing zone indicate that it may not have the same degree of connectivity.

In the first water-bearing zone at the site, groundwater moves in an approximately easterly direction and the magnitude of the lateral hydraulic gradient was approximately 0.0020 feet per foot on July 30, 2014, and 0.0019 feet per foot on October 6, 2014. In the third water-bearing zone at the site, groundwater moves in an approximately northeasterly direction and the magnitude of the lateral hydraulic gradient was approximately 0.0056 feet per foot on July 30, 2014, and 0.0067 feet per foot on October 6, 2014. Note that the wells in the second and third water-bearing zones are located close to an east-west trending line, making it difficult to gauge the precise direction of groundwater movement. Lateral gradients were not evaluated for the second water-bearing zone, as the depth to water measured in the second deepest port of one well (MP-03-2) does not appear to be representative of the potentiometric surface and not enough additional data are available to evaluate the direction of groundwater movement. The potentiometric surface maps for first and third water-bearing zones during the third and fourth quarters of 2014 are presented on Figures 2 through 6. Rose diagrams also appear on Figures 2 through 6 to summarize the variation in the direction of the groundwater gradient observed since monitoring began in 2012.

Vertical hydraulic gradients were calculated for the intervals between the first and second water-bearing zones (i.e., from approximately 15 to 45 feet bgs) and between the second and third water-bearing zones (i.e., from approximately 45 to 60 feet bgs) in multi-port wells MP-01 through MP-04. For the approximately 15- to 45-foot interval, vertical gradients ranged from 0.014 to 0.047 feet per foot downward on July 30, 2014, and from 0.040 to 0.047 feet downward to on October 6, 2014 (excluding the gradient in MP-02, because MP-02-1 was dry). For the approximately 45- to 60-foot interval, vertical gradients ranged from 0.082 to 0.124 feet per foot downward on July 30, 2014, and from 0.081 to 0.123 feet downward on October 6, 2014. Vertical gradients were not calculated for monitoring well MP-03, as the depth to water measured in the second port (MP-03-2) does not appear to be representative of the potentiometric surface.

3.2 GROUNDWATER ANALYTICAL RESULTS

As discussed above, 15 groundwater samples were collected during the July quarterly monitoring event and 14 groundwater samples were collected during the October quarterly monitoring event. The groundwater samples were analyzed for VOCs, including TPHg. The analytical results are summarized in Table 3, and concentrations of selected VOCs in the first water-bearing zone are presented on Figure 7.

For discussion purposes, the groundwater analytical results from July and October 2014 monitoring were compared to water environmental screening levels (ESLs) for groundwater that is assumed to be a potential drinking water resource, published by the California Regional

Water Quality Control Board, San Francisco Bay Region (Regional Water Board; Regional Water Board, 2013). Drinking water ESLs are not an established cleanup goal for the site; however, they provide a frame of reference for discussing analytical results.

A summary of the July and October 2014 monitoring results is presented in the following sections.

3.2.1 First Water-Bearing Zone

In July 2014, PCE and TCE were detected in groundwater samples collected from all monitoring wells screened within the first water-bearing zone. Additionally, cis-1,2-dichloroethene (cis-1,2-DCE) was detected in groundwater from five monitoring wells (MP-01-1, MP-02-1, MP-03-1, MP-04-1, and MW-02), and trans-1,2-dichloroethene (trans-1,2-DCE) was detected in groundwater from monitoring well MP-02-1. Chlorobenzene and 1,2-dichlorobenzene (1,2-DCB) were detected in groundwater from monitoring well MW-03, located near the former sump within Building B. No other VOCs were detected.

In October 2014, PCE and TCE were detected in groundwater samples collected from all monitoring wells screened within the first water-bearing zone (excluding MP-02-1 which was dry). Cis-1,2-DCE was detected in groundwater from monitoring wells MP-01-1, MP-03-1, MP-04-1, and MW-02. No other VOCs were detected.

Some concentrations of PCE and TCE were greater than their respective ESLs for drinking water. During the July 2014 monitoring event, PCE was detected in groundwater samples collected from five of the seven wells in the first water-bearing zone at concentrations greater than the ESL of 5 µg/L (at a maximum concentration of 100 µg/L in MW-01). During the October 2014 monitoring event, PCE was detected in groundwater samples collected from three of the six wells in the first water-bearing zone at concentrations greater than the ESL (at a maximum concentration of 90 µg/L in MW-01). TCE was detected in groundwater samples from five of the seven wells in the first water-bearing zone in July 2014 and three of the six wells in October 2014 at concentrations greater than the ESL of 5 µg/L (at a maximum concentration of 51 µg/L in MP-02-1 in July 2014 and a maximum concentration of 17 µg/L in MP-01-1 in October 2014). Only one other VOC was detected at a concentration greater than its respective ESL (cis-1,2-DCE detected at 7.2 µg/L in MP-02-1 in July 2014).

3.2.2 Second Water-Bearing Zone

TCE was detected at concentrations less than the ESL in the groundwater sample collected from MP-02-2 in October 2014. In both July and October 2014, cis-1,2-DCE was detected in groundwater from monitoring wells MP-01-2 and MP-02-2 (at a maximum concentration in MP-02-2 of 72 µg/L in July and 85 µg/L in October); all of the detected concentrations were greater than the ESL of 6 µg/L. Additionally, in October 2014 cis-1,2-DCE was detected in

groundwater from monitoring well MP-04 at a concentration less than the ESL. No other VOCs were detected in the second water-bearing zone.

3.2.3 Third Water-Bearing Zone

Cis-1,2-DCE was detected in groundwater samples collected from MP-01-3 and MP-02-3 in July 2014, at a maximum concentration in MP-01-3 of 7.4 µg/L. Acetone was also detected in groundwater from monitoring well MP-02-3 in July 2014 (acetone is a common laboratory contaminant and is not a constituent of concern for the site). In October 2014, cis-1,2-DCE was detected in MP-01-3 and MP-02-3 with a maximum concentration of 29 µg/L in MP-02-3. Trans-1,2-DCE was detected in groundwater from monitoring well MP-04-3 in October 2014. No other VOCs were detected in the third water-bearing zone.

4.0 SUMMARY OF TRENDS

Conclusions and a summary of VOC results for the third and fourth quarter 2014 groundwater monitoring are presented in the following sections.

4.1 GROUNDWATER ELEVATIONS

The measured depths to groundwater in the first water-bearing zone (Table 2) were an average of approximately 1.6 feet lower in July 2014 than in April 2014. The measured depths to groundwater were an average of 0.6 feet lower in October 2014 than in July 2014. The July and October 2014 groundwater elevations were at or near the lowest measured to date, likely resulting from lower-than-average rainfall during the 2013-2014 rainy season. The measured depths to groundwater in December 2014 were an average of 2.3 feet higher than in October 2014 following several significant rainfall events.

4.2 FIRST WATER-BEARING ZONE

As of October 2014, nine groundwater monitoring events had been conducted, allowing for assessment of concentration trends over a period of more than two years. PCE and TCE, the primary constituents of concern, have been consistently detected throughout the first water-bearing zone in the northern portion of the site, and their concentrations, in addition to cis-1,2-DCE, are plotted over time on Figure 8.

In general, PCE concentrations in the first water-bearing zone have decreased slightly. TCE concentrations have remained relatively stable, although two wells (MP-01-1 and MP-02-1) show an increasing trend in TCE concentrations. This trend may be indicative of degradation of PCE to TCE. Concentration trends for cis-1,2-DCE are generally similar to those for TCE.

Monitoring well MW-03 was located downgradient of the former sump in order to evaluate groundwater concentration trends associated with residual impacts in that area. The main constituents of concern associated with the former sump are chlorobenzene and related compounds. Concentration trends for chlorobenzene and 1,2-DCB at MW-03 are plotted over

time on Figure 9. Both chlorobenzene and 1,2-DCB have been consistently detected; the concentrations have remained relatively stable and are less than the ESLs. No other related constituents (including benzene) have been detected in MW-03.

4.3 SECOND WATER-BEARING ZONE

TCE and cis-1,2-DCE were both detected in the second water-bearing zone in the second half of 2014. With the exception of July 2014, TCE has been consistently detected at low concentrations (less than the ESL) in monitoring well MP-02-2. Cis-1,2-DCE has been detected at increasing concentrations in MP-01-2 and MP-02-2 since 2013, with recent concentrations greater than the ESL. Cis-1,2-DCE was detected in MP-04-2 for the first time in October 2014. Other VOCs previously detected in the second water-bearing zone were not detected in the second half of 2014.

4.4 THIRD WATER-BEARING ZONE

Concentrations of cis-1,2-DCE have been increasing in wells MP-01-3 and MP-02-3 since April 2014.Detected concentrations in July (MP-01-3) and October (both MP-01-3 and MP-02-3) are greater than the ESL. Trans-1,2-DCE was detected in the groundwater sample collected from monitoring well MP-04-3 for the first time in October 2014.

5.0 NEXT STEPS

As noted above, monitoring well MW-03 was destroyed in late August 2014 and the remaining monitoring wells and piezometers at the site were destroyed in December 2014. New monitoring wells to evaluate potential groundwater impacts are planned to be installed after site redevelopment is complete, currently estimated for 2016, and routine groundwater monitoring and reporting will resume at that time.

6.0 REFERENCES

AMEC Environment & Infrastructure, Inc. (AMEC), 2011, Remediation Report, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, Fuel Leak Case No. RO003014, December 21.

AMEC, 2012a, Soil, Groundwater, and Soil Vapor Investigation Work Plan, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, August 16.

AMEC, 2012b, Soil, Groundwater, and Soil Vapor Investigation Report, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, October 19.

AMEC, 2014, Final Draft Feasibility Study and Corrective Action Plan, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, May 1.

California Regional Water Quality Control Board, San Francisco Region (Regional Water Board), 2013, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final, December.

U.S. Environmental Protection Agency, 2013, USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, EPA-540-R-08-01, February.

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TABLES

TABLE 1

WELL CONSTRUCTION DETAILS
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

					Survey Data					Construction Information[1]						
Well Type	Monitoring Well ID	Port	Date Installed	Date Destroyed	Ground Surface Elevation (feet)	Top Of Casing Surveyed Elevation (feet)	Northing	Easting	Datum	Depth Drilled (feet bgs)	Top of Screen (feet bgs)	Bottom of Screen (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Screen Slot Size (inches)	Filter Pack
Pre-pack groundwater well	MW-01	--	8/30/2012	12/19/2014	344.58	344.24	2081925.24	6148339.55	NAD 83/NAVD 88	22	16.2	20.9	21.17	0.75	0.010	#20/40 and 2/12 sand
	MW-02	--	8/30/2012	12/18/2014	340.41	340.24	2082055.96	6148450.40	NAD 83/NAVD 88	20.2	15.2	19.9	19.92	0.75	0.010	#20/40 and 2/12 sand
	MW-03	--	8/31/2012	8/26/2014	343.95	343.77	2081890.72	6148566.71	NAD 83/NAVD 88	20	14.4	19.1	19.35	0.75	0.010	#20/40 and 2/12 sand
Piezometer	PZ-01	--	8/21/2014	12/19/2014	343.18	328.44	2081792.36	6148269.44	NAD 83/NAVD 88	20	15.3	19.7	20.29	2.00	0.010	#20/40 and 2/12 sand
	PZ-02	--	8/22/2014	12/19/2014	342.93	328.54	2081986.53	6148237.08	NAD 83/NAVD 88	20	15.5	19.9	20.44	2.00	0.010	#20/40 and 2/12 sand
	PZ-03	--	8/22/2014	12/19/2014	342.10	328.38	2082005.33	6148289.18	NAD 83/NAVD 88	20	15.1	19.6	20.16	2.00	0.010	#20/40 and 2/12 sand
CMT multi-port groundwater well	MP-01	MP-01-1	8/29/2012	12/18/2014	343.37	343.20	2081915.18	6148233.76	NAD 83/NAVD 88	60	17.3	17.6	59.3	0.375	0.010	#2/12 sand
	MP-01	MP-01-2							NAD 83/NAVD 88		43.2	43.5		0.375	0.010	#2/12 sand
	MP-01	MP-01-3							NAD 83/NAVD 88		58.1	58.4		0.375	0.010	#2/12 sand
	MP-02	MP-02-1	8/30/2012	12/18/2014	341.32	341.15	2082008.13	6148472.05	NAD 83/NAVD 88	60	12.6	12.9	59.7	0.375	0.010	#2/12 sand
	MP-02	MP-02-2							NAD 83/NAVD 88		36.4	36.7		0.375	0.010	#2/12 sand
	MP-02	MP-02-3							NAD 83/NAVD 88		57.5	57.8		0.375	0.010	#2/12 sand
	MP-03	MP-03-1	8/30/2012	12/18/2014	342.31	342.21	2081948.36	6148500.44	NAD 83/NAVD 88	60	14.3	14.6	59.8	0.375	0.010	#2/12 sand
	MP-03	MP-03-2							NAD 83/NAVD 88		42.9	43.2		0.375	0.010	#2/12 sand
	MP-03	MP-03-3							NAD 83/NAVD 88		57.8	58.1		0.375	0.010	#2/12 sand
	MP-04	MP-04-1	8/31/2012	12/18/2014	341.48	341.22	2081993.43	6148600.32	NAD 83/NAVD 88	60.5	15.4	15.7	60.5	0.375	0.010	#2/12 sand
	MP-04	MP-04-2							NAD 83/NAVD 88		41.4	41.7		0.375	0.010	#2/12 sand
	MP-04	MP-04-3							NAD 83/NAVD 88		58.3	58.6		0.375	0.010	#2/12 sand

Note
1. Pre-pack well casing materials are Schedule 40 PVC. The multi-port well casing materials are Solinst 3-channel CMT.

Abbreviations
-- = not applicable
feet bgs = below ground surface
CMT = continuous multi-channel tubing
NAD = North American Datum
NAVD = North American Vertical Datum

TABLE 2

GROUNDWATER ELEVATIONS
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Sample Location	Date	Top-of-Casing Elevation [1] (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation [1] (feet)
First Water-Bearing Zone				
MP-01-1	9/10/2012	343.20	13.33	329.87
	1/29/2013		11.49	331.71
	5/29/2013		12.53	330.67
	7/30/2013		13.09	330.11
	10/28/2013		14.03	329.17
	2/5/2014		14.09	329.11
	4/16/2014		12.27	330.93
	7/30/2014		14.02	329.18
	10/6/2014		14.80	328.40
	12/18/2014		12.30	330.90
MP-02-1	9/10/2012	341.15	11.83	329.32
	1/29/2013		10.30	330.85
	5/29/2013		11.11	330.04
	7/30/2013		11.65	329.50
	10/28/2013		12.44	328.71
	2/5/2014		12.48	328.67
	4/16/2014		10.87	330.28
	7/30/2014		12.48	328.67
	10/6/2014		dry	--
	12/18/2014		10.74	330.41
MP-03-1	9/10/2012	342.21	12.94	329.27
	1/29/2013		11.33	330.88
	5/29/2013		12.21	330.00
	7/30/2013		12.74	329.47
	10/28/2013		13.48	328.73
	2/5/2014		13.48	328.73
	4/16/2014		11.99	330.22
	7/30/2014		13.58	328.63
	10/6/2014		14.20	328.01
	12/18/2014		11.83	330.38
MP-04-1	9/10/2012	341.22	12.41	328.81
	1/29/2013		10.77	330.45
	5/29/2013		11.51	329.71
	7/30/2013		12.11	329.11
	10/28/2013		12.61	328.61
	2/5/2014		12.77	328.45
	4/16/2014		11.28	329.94
	7/30/2014		12.82	328.40
	10/6/2014		13.40	327.82
	12/18/2014		11.30	329.92

TABLE 2

GROUNDWATER ELEVATIONS
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Sample Location	Date	Top-of-Casing Elevation [1] (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation [1] (feet)
MW-01	9/10/2012	344.24	14.64	329.60
	1/29/2013		12.96	331.28
	5/29/2013		13.89	330.35
	7/30/2013		14.44	329.80
	10/28/2013		15.24	329.00
	2/5/2014		15.28	328.96
	4/16/2014		13.65	330.59
	7/30/2014		15.37	328.87
	10/6/2014		16.00	328.24
	12/18/2014		13.61	330.63
MW-02	9/10/2012	340.24	10.90	329.34
	1/29/2013		9.35	330.89
	5/29/2013		10.20	330.04
	7/30/2013		10.72	329.52
	10/28/2013		11.49	328.75
	2/5/2014		11.52	328.72
	4/16/2014		9.98	330.26
	7/30/2014		11.56	328.68
	10/6/2014		12.02	328.22
	12/18/2014		9.84	330.40
MW-03	9/10/2012	343.77	14.62	329.15
	1/29/2013		14.53	329.24
	5/29/2013		13.90	329.87
	7/30/2013		14.37	329.40
	10/28/2013		14.72	329.05
	2/5/2014		15.20	328.57
	4/16/2014		13.67	330.10
	7/30/2014		15.29	328.48
	10/6/2014[2]		--	--
	12/18/2014		--	--
PZ-01	10/6/2014	342.89	14.45	328.44
	12/18/2014		12.01	330.88
PZ-02	10/6/2014	342.64	14.10	328.54
	12/18/2014		11.74	330.90
PZ-03	10/6/2014	341.78	13.40	328.38
	12/18/2014		11.04	330.74

TABLE 2

GROUNDWATER ELEVATIONS
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Sample Location	Date	Top-of-Casing Elevation [1] (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation [1] (feet)
Second Water-Bearing Zone				
MP-01-2	9/10/2012	343.20	14.38	328.82
	1/29/2013		12.59	330.61
	5/29/2013		13.67	329.53
	7/30/2013		14.26	328.94
	10/28/2013		15.08	328.12
	2/5/2014		15.11	328.09
	4/16/2014		13.57	329.63
	7/30/2014		15.11	328.09
	10/6/2014		15.84	327.36
	12/18/2024		13.91	329.29
MP-02-2	9/10/2012	341.15	13.93	327.22
	1/29/2013		10.67	330.48
	5/29/2013		11.50	329.65
	7/30/2013		10.07	331.08
	10/28/2013		12.84	328.31
	2/5/2014		12.87	328.28
	4/16/2014		11.26	329.89
	7/30/2014		12.82	328.33
	10/6/2014		13.53	327.62
	12/18/2024		11.30	329.85
MP-03-2	9/10/2012	342.21	39.76	302.45
	1/29/2013		15.00	327.21
	5/29/2013		15.93	326.28
	7/30/2013		22.15	320.06
	10/28/2013		19.03	323.18
	2/5/2014		16.92	325.29
	4/16/2014		17.21	325.00
	7/30/2014		15.51	326.70
	10/6/2014		17.01	325.20
	12/18/2024		16.26	325.95
MP-04-2	9/10/2012	341.22	13.83	327.39
	1/29/2013		11.95	329.27
	5/29/2013		12.77	328.45
	7/30/2013		13.31	327.91
	10/28/2013		13.94	327.28
	2/5/2014		13.91	327.31
	4/16/2014		12.60	328.62
	7/30/2014		14.05	327.17
	10/6/2014		14.63	326.59
	12/18/2024		13.03	328.19

TABLE 2

GROUNDWATER ELEVATIONS
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Sample Location	Date	Top-of-Casing Elevation [1] (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation [1] (feet)
Third Water-Bearing Zone				
MP-01-3	9/10/2012	343.20	15.63	327.57
	1/29/2013		14.19	329.01
	5/29/2013		15.08	328.12
	7/30/2013		15.67	327.53
	10/28/2013		16.43	326.77
	2/5/2014		16.34	326.86
	4/16/2014		14.89	328.31
	7/30/2014		16.33	326.87
	10/6/2014		17.04	326.16
	12/18/2024		15.53	327.67
MP-02-3	9/10/2012	341.15	14.88	326.27
	1/29/2013		13.38	327.77
	1/29/2013		14.24	326.91
	7/30/2013		14.61	326.54
	10/28/2013		15.39	325.76
	2/5/2014		15.32	325.83
	4/16/2014		13.92	327.23
	7/30/2014		15.43	325.72
	10/6/2014		16.13	325.02
	12/18/2024		15.54	325.61
MP-03-3	9/10/2012	342.21	15.66	326.55
	1/29/2013		14.28	327.93
	5/29/2013		15.12	327.09
	7/30/2013		15.74	326.47
	10/28/2013		16.33	325.88
	2/5/2014		16.21	326.00
	4/16/2014		14.80	327.41
	7/30/2014		16.30	325.91
	10/6/2014		16.88	325.33
	12/18/2024		15.47	326.74

TABLE 2

GROUNDWATER ELEVATIONS
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Sample Location	Date	Top-of-Casing Elevation [1] (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation [1] (feet)
MP-04-3	9/10/2012	341.22	15.12	326.10
	1/29/2013		13.78	327.44
	5/29/2013		14.65	326.57
	7/30/2013		15.25	325.97
	10/28/2013		15.83	325.39
	2/5/2014		15.73	325.49
	4/16/2014		14.50	326.72
	7/30/2014		15.92	325.30
	10/6/2014		16.54	324.68
	12/18/2024		15.13	326.09

Note
1. Elevation datum is NAVD 88.

Abbreviations
BTOC = below top of casing
NAVD 88 = North American Vertical Datum of 1988

TABLE 3

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Concentrations reported in micrograms per liter (µg/L)

Location	Sample ID	Sample Type	Date	Acetone	Bromo-dichloro-methane	Chloro-benzene	Chloro-form	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	2-Hex-anone	PCE	TCE	TPHg	All Other VOCs
First Water-Bearing Zone																	
MP-01	MP-01-1	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**120**	<0.50	110 R	ND
	MP-01-1	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**160**	**0.80**	150 R	ND
	MP-01-1	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**190**	**1.6**	120 R	ND
	MP-01-1	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**150**	**1.8**	140 R	ND
	MP-01-1	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**140**	**5.1**	120 R	ND
	MP-01-1	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.1**	<0.50	<50	**100**	**8.6**	86 R	ND
	MP-01-1	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.6**	<0.50	<50	**140 J**	**13 J**	140 R	ND
	MP-01-1	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**3.0**	<0.50	<50	**77**	**15**	91 R	ND
	MP-01-1	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**4.4**	<0.50	<50	**58**	**17**	64 R	ND
MP-02	MP-02-1	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.1**	<0.50	<50	**1.2**	**15**	<50	ND
	MP-02-10	Duplicate	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.3**	<0.50	<50	**1.6**	**19**	<50	ND
	MP-02-1	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**4.4**	**0.80**	<50	**6.6**	**61**	100 R	ND
	MP-02-1	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**8.2**	**0.88**	<50	**1.0**	**43**	94 R	ND
	MP-02-1	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**4.8**	**0.65**	<50	**3.0**	**55**	<50	ND
	MP-02-1	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**5.9**	**0.92**	<50	**0.53**	**56**	70 R	ND
	MP-02-1	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**5.4**	**0.52**	<50	**2.8**	**49**	<50	ND
	MP-02-1	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	0.54	**8.0**	**1.1**	<50	**4.9 J**	**78 J**	85 R	ND
	MP-02-1	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	0.54	**7.2**	**1.0**	<50	**0.86**	**51**	64 R	ND
MP-03	MP-03-1	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**120**	**6.4**	140 R	ND
	MP-03-1	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.63**	<0.50	<50	**150**	**11**	230 R	ND
	MP-03-1	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.55**	<0.50	<50	**170**	**13**	140 R	ND
	MP-03-1	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**160**	**10**	170 R	ND
	MP-03-1	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.64**	<0.50	<50	**120**	**12**	150 R	ND
	MP-03-1	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.62**	<0.50	<50	**120**	**11**	140 R	ND
	MP-03-1	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.63**	<0.50	<50	**98 J**	**8.3 J**	110 R	ND
	MP-03-1	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.74**	<0.50	<50	**94**	**9.5**	110 R	ND
	MP-03-1	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.63**	<0.50	<50	**22**	**4.0**	<50	ND
MP-04	MP-04-1	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**4.0**	**1.3**	<50	ND
	MP-04-1	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**20**	**8.4**	<50	ND
	MP-04-1	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.67**	<0.50	<50	**26**	**13**	52 R	ND
	MP-04-1	Primary	7/30/2013	**240**	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.76**	<0.50	<50	**24**	**13**	<50	ND
	MP-04-1	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.3**	<0.50	<50	**31**	**24**	65 R	ND
	MP-04-1	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.0**	<0.50	<50	**3.4**	**13**	<50	ND
	MP-04-1	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**2.7**	<0.50	<50	**21 J**	**57 J**	80 R	ND
	MP-04-1	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.2**	<0.50	<50	**0.86**	**9.2**	<50	ND
	MP-04-1	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**2.2**	<0.50	<50	**0.76**	**12**	<50	ND

TABLE 3

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Concentrations reported in micrograms per liter (µg/L)

Location	Sample ID	Sample Type	Date	Acetone	Bromo-dichloro-methane	Chloro-benzene	Chloro-form	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	2-Hex-anone	PCE	TCE	TPHg	All Other VOCs
MW-01	MW-01-(17-22)-GW[1]	Primary	8/30/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**150**	**1.1**	150 R	ND
	MW-01	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**150**	**1.2**	120 R	ND
	MW-10	Duplicate	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**160**	**1.3**	140 R	ND
	MW-01	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**160**	**1.1**	160 R	ND
	MW-100	Duplicate	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**160**	**1.1**	160 R	ND
	MW-01	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**170**	**1.1**	100 R	ND
	MW-01	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**160**	**1.5**	120 R	ND
	MW-100	Duplicate	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**210**	**1.6**	140 R	ND
	MW-01	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**150**	**1.9**	150 R	ND
	MW-100	Duplicate	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**150**	**1.8**	160 R	ND
	MW-01	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**120**	**1.5**	93 R	ND
	MW-01	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**120 J**	**1.2 J**	110 R	ND
	MW-100	Duplicate	4/16/2014	<100	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	**190 J**	**1.7 J**	170 R	ND
	MW-01	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**100**	**0.89**	100 R	ND
	MW-100	Duplicate	7/30/2014	<100	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	**100**	<1.0	110 R	ND
	MW-01	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**82**	**0.95**	66 R	ND
	MW-100	Duplicate	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**90**	**0.97**	72 R	ND
MW-02	MW-02-(15-20)-GW[1]	Primary	8/30/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.6**	<0.50	<50	**18**	**9.2**	<50	ND
	MW-02	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**16**	**6.9**	<50	ND
	MW-02	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.6**	**0.54**	<50	**19**	**15**	<50	ND
	MW-02	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**2.0**	<0.50	<50	**20**	**26**	51 R	ND
	MW-200	Duplicate	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**2.0**	<0.50	<50	**15**	**23**	<50	ND
	MW-02	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.8**	<0.50	<50	**19**	**21**	<50	ND
	MW-02	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.58**	<0.50	<50	**10**	**6.6**	<50	ND
	MW-02	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.6**	<0.50	<50	**5.9**	**5.3**	<50	ND
	MW-02	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**2.9**	<0.50	<50	**15 J**	**12 J**	<50	ND
	MW-02	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**3.0**	<0.50	<50	**5.4**	**13**	<50	ND
	MW-02	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**2.8**	<0.50	<50	**4.7**	**9.1**	<50	ND
MW-03	MW-03-(15-20)-GW[1]	Primary	8/31/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	**1.1**	<0.50	<0.50	<0.50	<50	**9.3**	**0.59**	<50	ND
	MW-03	Primary	9/10/2012	<50	**1.4**	<0.50	**2.1**	**0.92**	<0.50	<0.50	<0.50	<0.50	<50	**3.2**	<0.50	<50	ND
	MW-03	Primary	1/29/2013	<50	<0.50	**4.8**	<1.0	<0.50	**1.7**	<0.50	**0.6**	<0.50	<50	**11**	**1.1**	<50	ND
	MW-03	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	**0.86**	<0.50	<0.50	<0.50	<50	**7.5**	**0.85**	<50	ND
	MW-03	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	**1.4**	<0.50	**0.62**	<0.50	<50	**11**	**1.1**	<50	ND
	MW-03	Primary	10/28/2013	<50	<0.50	**0.96**	<1.0	<0.50	**1.6**	<0.50	<0.50	<0.50	<50	**6.9**	**0.63**	<50	ND
	MW-03	Primary	2/5/2014	<50	<0.50	**1.5 J**	<1.0	<0.50	**5.0 J**	<0.50	**0.56**	<0.50	<50	**15 J**	**1.0 J**	<50	ND
	MW-300	Duplicate	2/5/2014	<50	<0.50	**0.86 J**	<1.0	<0.50	**2.7 J**	<0.50	<0.50	<0.50	<50	**9.0 J**	**0.67 J**	<50	ND
	MW-03	Primary	4/16/2014	<50	<0.50	**1.9**	<1.0	<0.50	**3.0**	<0.50	**1.8**	<0.50	<50	**30 J**	**17 J**	<50	ND
	MW-03	Primary	7/30/2014	<50	<0.50	**1.3**	<1.0	<0.50	**2.1**	<0.50	<0.50	<0.50	<50	**9.4**	**0.62**	<50	ND

TABLE 3

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Concentrations reported in micrograms per liter (µg/L)

Location	Sample ID	Sample Type	Date	Acetone	Bromo-dichloro-methane	Chloro-benzene	Chloro-form	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	2-Hex-anone	PCE	TCE	TPHg	All Other VOCs
Second Water-Bearing Zone																	
MP-01	MP-01-2	Primary	9/10/2012	130	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-2	Primary	1/29/2013	**62**	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	**120**	<0.50	<0.50	<50	ND
	MP-01-2	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-2	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-2	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**14**	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-2	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**28**	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-2	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**65**	<0.50	<50	<0.50	<0.50	56 R	ND
	MP-01-2	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**49**	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-2	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**43**	<0.50	<50	<0.50	<0.50	<50	ND
MP-02	MP-02-2	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-02-2	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.52**	<0.50	<50	<0.50	**1.2**	<50	ND
	MP-02-2	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	**0.77**	<50	ND
	MP-02-2	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	**1.3**	<50	ND
	MP-02-2	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.64**	<0.50	<50	<0.50	**1.9**	<50	ND
	MP-02-2	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**0.5**	<0.50	<50	<0.50	**2.8**	<50	ND
	MP-02-2	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**58**	<0.50	<50	<0.50	**2.3**	52 R	ND
	MP-02-2	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**72**	<0.50	<50	<0.50	<0.50	<50	ND
	MP-02-2	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	0.54	**85**	<0.50	<50	<50	**0.61**	53 R	ND
MP-03	MP-03-2	Primary	1/29/2013	**68**	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	**58**	<0.50	<0.50	<50	ND
	MP-03-2	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-2	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-2	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-2	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	**0.58**	<50	ND
	MP-03-2	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-2	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND

TABLE 3

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Concentrations reported in micrograms per liter (µg/L)

Location	Sample ID	Sample Type	Date	Acetone	Bromo-dichloro-methane	Chloro-benzene	Chloro-form	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	2-Hex-anone	PCE	TCE	TPHg	All Other VOCs
MP-04	MP-04-2	Primary	9/10/2012	100	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-2	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	**53**	<0.50	<0.50	<50	ND
	MP-04-2	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-2	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	**0.53**	<0.50	<50	ND
	MP-04-2	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-2	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-2	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-2	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-2	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**2.3**	<0.50	<50	<0.50	<0.50	<50	ND
Third Water-Bearing Zone																	
MP-01	MP-01-3	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-3	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	**59**	<0.50	<0.50	<50	ND
	MP-01-3	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-3	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-3	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-3	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-3	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**2.1**	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-3	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**7.4**	<0.50	<50	<0.50	<0.50	<50	ND
	MP-01-3	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**8.8**	<0.50	<50	<0.50	<0.50	<50	ND
MP-02	MP-02-3	Primary	9/10/2012	**130**	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-02-3	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	**0.54**	<50	ND
	MP-02-3	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-02-3	Primary	7/30/2013	**77**	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-02-3	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	**0.76**	<50	ND
	MP-02-3	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	**0.97**	<50	ND
	MP-02-3	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**1.7**	<0.50	<50	<0.50	<0.50	<50	ND
	MP-02-3	Primary	7/30/2014	**180**	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**5.2**	<0.50	<50	<0.50	<0.50	<50	ND
	MP-02-3	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	**29**	<0.50	<50	<0.50	<0.50	<50	ND

TABLE 3

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Concentrations reported in micrograms per liter (µg/L)

Location	Sample ID	Sample Type	Date	Acetone	Bromo-dichloro-methane	Chloro-benzene	Chloro-form	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	2-Hex-anone	PCE	TCE	TPHg	All Other VOCs
MP-03	MP-03-3	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-3	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-3	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-3	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-3	Primary	10/28/2013	**75**	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-3	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-3	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-3	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-3	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
MP-04	MP-04-3	Primary	9/10/2012	**150**	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	**86**	ND
	MP-04-3	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-3	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-3	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-3	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-3	Primary	2/5/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-3	Primary	4/16/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-3	Primary	7/30/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-04-3	Primary	10/6/2014	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	**1.0**	<50	<0.50	<0.50	<50	ND
Environmental Screening Level (groundwater is a potential or current drinking water resource)[2]				**1,500**	**100**	**25**	**70**	**80**	**10**	**6.0**	**6.0**	**10**	**--**	**5.0**	**5.0**	**100**	**--**

TABLE 3

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

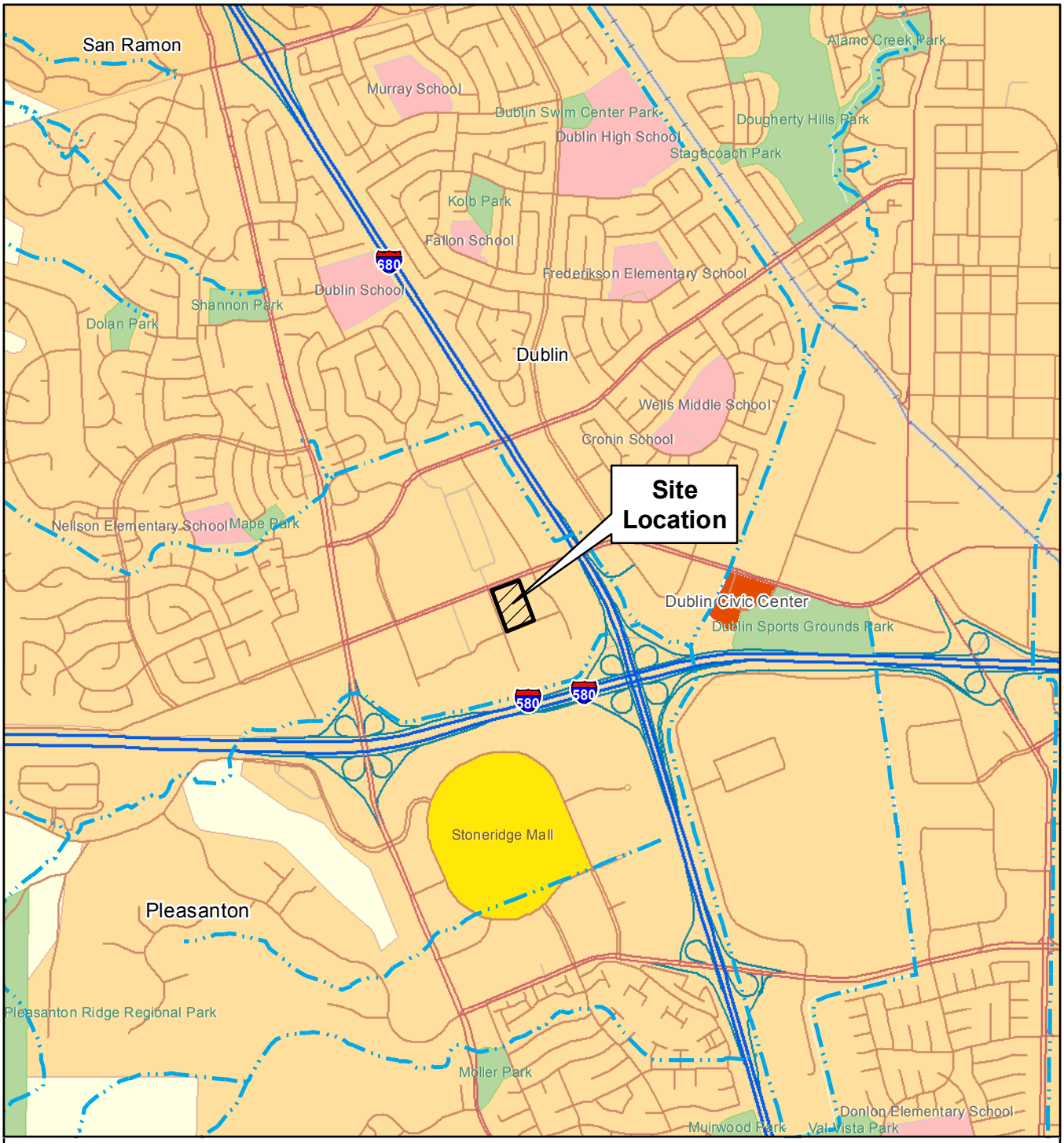
Notes
1. Results are shown for grab groundwater samples collected from borings MW-01 through MW-03 before the pre-pack monitoring wells were installed.
2. California Regional Water Quality Control Board, San Francisco Region, 2013, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Table F-1a, Groundwater Screening Levels (groundwater is a current or potential drinking water source), May. The selected screening value is the lowest of those among drinking water goals, aquatic habitat goals, taste and odor considerations, evaluation of potential vapor intrusion into buildings.

Results shown in **bold** indicate a detection.
Results shown in **bold** and in a shaded cell exceed their respective Environmental Screening Levels.

Abbreviations
< = not detected at or above the laboratory reporting limit shown
-- = not applicable
J = the analyte was positively identified, and the associated numerical value is the approximate concentration of the analyte in the sample
PCE = tetrachloroethene
R = the sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria; the presence or absence of the analyte cannot be verified
TCE = trichloroethene
µg/L = micrograms per liter
UJ = the analyte was not detected at a level greater than or equal to the quantitation limit shown; the quantitation limit is approximate and may be inaccurate or imprecise
U.S. EPA = U.S. Environmental Protection Agency
VOCs = volatile organic compounds

amec foster wheeler

FIGURES



Street map from ESRI, 2007.

0 2,000 4,000 Feet

N

SITE LOCATION MAP
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

amec foster wheeler

Date: 04/03/2015 | Project No. OD10160070

Figure 1

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N

0 35

APPROXIMATE SCALE IN FEET

Dublin Boulevard

N
W
E
S

Rose diagram of
shallow groundwater flow direction

Golden Gate Drive

MP-01
329.18

329.1

329.0

328.9

328.8

MW-01
328.87

Former planter box (approximate)

Offices and
Showroom

Building A

Building D

Offices and
Showroom

328.7

MW-02
328.68

MP-02
328.67

328.6

MP-03
328.63

328.5

MP-04
328.40

328.4

Sump excavation boundary

Former sump

Building B

MW-03
328.48

Service
Area 2

Former sump

Service Area 1

Front-end alignment pit
excavation boundary

Building C

Explanation

- AMEC shallow monitoring well location (installed August 2012)
- AMEC multi-port monitoring well (3-channel) location (installed August 2012)
- **MP-04 328.40** Groundwater elevation in feet above the North American Vertical Datum 1988 (NAVD88), measured on July 30, 2014.
- **328.5** Line of equal groundwater elevation in feet NAVD88. Contours are approximate; contour interval = 0.1 feet.
- Approximate excavation boundary (October 2011)
- Approximate property line
- Approximate sump location

POTENTIOMETRIC SURFACE IN
THE FIRST WATER-BEARING ZONE
JULY 2014
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

amec
foster
wheeler

Date: 04/20/2015 | Project No. OD10160070

Figure
2

S:\OD10\160070\task_00008\15_0210_AR14_fig_02.mxd

N

0 35

APPROXIMATE SCALE IN FEET

Dublin Boulevard

Golden Gate Drive

PZ-02
328.54

PZ-03
328.38

PZ-01
328.44

MP-01
328.40

MW-01
328.24

MW-02
328.22

MP-02
Dry

MP-03
328.01

MP-04
327.82

MW-03
destroyed in
August 2014

328.5
328.4
328.3
328.2
328.1
328.0
327.9

Former planter box (approximate)

Offices and Showroom

Building A

Building B

Building C

Building D

Offices and Showroom

Sump excavation boundary

Former sump

Former sump

Front-end alignment pit excavation boundary

Service Area 1

Service Area 2

N
W
E
S

Rose diagram of
shallow groundwater flow direction

Explanation

- AMEC shallow monitoring well location (installed August 2012)
- AMEC multi-port monitoring well (3-channel) location (installed August 2012)
- MP-04 327.82 — Groundwater elevation in feet above the North American Vertical Datum 1988 (NAVD88), measured on October 6, 2014.
- 327.9 — Line of equal groundwater elevation in feet NAVD88. Contours are approximate; contour interval = 0.1 feet.
- Approximate excavation boundary (October 2011)
- Approximate property line
- Approximate sump location

Note:
1. MP-02-1 was dry on October 6, 2014 and does not appear to reflect proper equilibration with atmospheric pressure. For this reason MP-02 is not used in the calculation of the potentiometric surface.

POTENTIOMETRIC SURFACE IN
THE FIRST WATER-BEARING ZONE
OCTOBER 2014
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Date: 04/20/2015

Project No. OD10160070

amec foster wheeler

Figure
3

S:\OD10\160070\task_00008\15_0210_AR14_fig_03.mxd

N

0 35

APPROXIMATE SCALE IN FEET

Dublin Boulevard

Golden Gate Drive

330.9
330.8
330.7
330.6
330.5
330.4
330.3
330.2
330.1
330.0

PZ-02
330.90

PZ-03
330.74

MW-02
330.40

MP-01
330.90

MW-01
330.63

MP-02
330.41

MP-03
330.38

MP-04
329.92

PZ-01
330.88

MW-03
Destroyed in
August 2014

Former planter box (approximate)

Offices and
Showroom

Building A

Building D

Offices and
Showroom

Building B

Building C

Service
Area 1

Service
Area 2

Sump excavation boundary

Former sump

Former sump

Front-end alignment pit
excavation boundary

N
W
E
S

Rose diagram of
shallow groundwater flow direction

Explanation

- AMEC shallow monitoring well location (installed August 2012)
- AMEC multi-port monitoring well (3-channel) location (installed August 2012)
- MP-04 329.92 — Groundwater elevation in feet above the North American Vertical Datum 1988 (NAVD88), measured on December 18, 2014.
- 330.0 — Line of equal groundwater elevation in feet NAVD88. Contours are approximate; contour interval = 0.1 feet.
- Approximate excavation boundary (October 2011)
- Approximate property line
- Approximate sump location

POTENTIOMETRIC SURFACE IN
THE FIRST WATER-BEARING ZONE
DECEMBER 2014
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Date: 04/20/2015

Project No. OD10160070

amec
foster
wheeler

Figure
4

S:\OD10\160070\task_00008\15_0210_AR14_fig_04.mxd

N

0 35

APPROXIMATE SCALE IN FEET

Dublin Boulevard

N
W
E
S

Rose diagram of
deep groundwater flow direction

Golden Gate Drive

MP-01
326.87

326.75

326.50

326.25

326.00

325.75

MP-02
325.72

325.50

Former planter box (approximate)

Offices and
Showroom

Building A

Building D

Offices and
Showroom

MP-03
325.91

MP-04
325.30

Sump excavation boundary

Former sump

Building B

Former sump

Service
Area 2

Service Area 1

Front-end alignment pit
excavation boundary

Building C

Explanation

AMEC multi-port monitoring well (3-channel) location (installed August 2012)

MP-04 **325.30** Groundwater elevation in feet above the North American Vertical Datum 1988 (NAVD88), measured on July 30, 2014

326.75 Line of equal groundwater elevation in feet NAVD88. Contours are approximate; contour interval = 0.25 feet.

Approximate excavation boundary (October 2011)

Approximate property line

Approximate sump location

POTENTIOMETRIC SURFACE IN
THE THIRD WATER-BEARING ZONE
JULY 2014
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

amec
foster
wheeler

Date: 04/20/2015 | Project No. OD10160070

Figure
5

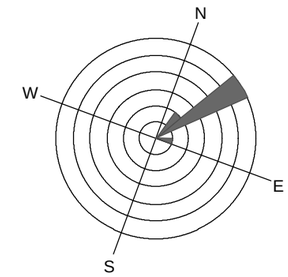
S:\OD10\160070\task_0008\15_0210_AR14_fig_05.mxd

N

0 35

APPROXIMATE SCALE IN FEET

Dublin Boulevard



Rose diagram of
deep groundwater flow direction

Golden Gate Drive

MP-01
326.16

MP-02
325.02

MP-03
325.33

MP-04
324.68

326.00

325.75

325.50

325.25

325.00

324.75

2014

Former planter box (approximate)

Offices and Showroom

Building A

Building D

Offices and Showroom

Building B

Building C

Sump excavation boundary

Former sump

Former sump

Service Area 1

Service Area 2

Front-end alignment pit excavation boundary

Explanation

- AMEC multi-port monitoring well (3-channel) location (installed August 2012)
- **MP-04** / **324.68** — Groundwater elevation in feet above the North American Vertical Datum 1988 (NAVD88), measured on October 6, 2014
- **325.50** — Line of equal groundwater elevation in feet NAVD88. Contours are approximate; contour interval = 0.25 feet.
- Approximate excavation boundary (October 2011)
- Approximate property line
- Approximate sump location

POTENTIOMETRIC SURFACE IN THE THIRD WATER-BEARING ZONE
OCTOBER 2014
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Date: 04/20/2015 | Project No. OD10160070

amec foster wheeler

Figure
6

S:\OD10\160070\task_00008\15_0210_AR14_fig_06.mxd

0 40

APPROXIMATE SCALE IN FEET

Dublin Boulevard

Golden Gate Drive

MW-02			
Date	PCE	TCE	cis-1,2-DCE
2/5/2014	**5.9**	**5.3**	**1.6**
4/16/2014	**15 J**	**12 J**	**2.9**
7/30/2014	**5.4**	**13**	**3.0**
10/6/2014	**4.7**	**9.1**	**2.8**

MW-02

MP-01			
Date	PCE	TCE	cis-1,2-DCE
2/5/2014	**100**	**8.6**	**1.1**
4/16/2014	**140 J**	**13 J**	**1.6**
7/30/2014	**77**	**15**	**3.0**
10/6/2014	**58**	**17**	**4.4**

MP-01

MP-02			
Date	PCE	TCE	cis-1,2-DCE
2/5/2014	**2.8**	**49**	**5.4**
4/16/2014	**4.9 J**	**78 J**	**8.0**
7/30/2014	**0.86**	**51**	**7.2**

MP-02

MW-01			
Date	PCE	TCE	cis-1,2-DCE
2/5/2014	**120**	**1.5**	<0.50
4/16/2014	**120 J/190 J**	**1.2 J/1.7 J**	<0.50/<1.0
7/30/2014	**100/100**	**0.89**/<1.0	<0.50/<1.0
10/6/2014	**82/90**	**0.95/0.97**	<0.50/<0.50

MW-01

MP-03			
Date	PCE	TCE	cis-1,2-DCE
2/5/2014	**120**	**11**	**0.62**
4/16/2014	**98 J**	**8.3 J**	**0.63**
7/30/2014	**94**	**9.5**	**0.74**
10/6/2014	**22**	**4.0**	**0.63**

MP-03

MP-04

MP-04			
Date	PCE	TCE	cis-1,2-DCE
2/5/2014	**3.4**	**13**	**1.0**
4/16/2014	**21 J**	**57 J**	**2.7**
7/30/2014	**0.86**	**9.2**	**1.2**
10/6/2014	**0.76**	**12**	**2.2**

former planter box (approximate)

Offices and Showroom

Building A

Building D

Offices and Showroom

Building B

Building C

Auto Detailing

Sump excavation boundary

Former sump

MW-03

MW-03					
Date	PCE	TCE	cis-1,2-DCE	Chlorobenzene	1,2-DCB
2/5/2014	**15 J/9.0 J**	**1.0 J/0.67 J**	**0.56 J**/<0.50	**1.5 J/0.86 J**	**5.0 J/2.7 J**
4/16/2014	**30 J**	**17 J**	**1.8**	**1.9**	**3.0**
7/30/2014	**9.4**	**0.62**	<0.50	**1.3**	**2.1**

Former sump

Service Area 1

Front-end alignment pit excavation boundary

Explanation

- Shallow monitoring well location
- Multi-port monitoring well (3-channel) location

MW-01			
Date	PCE	TCE	cis-1,2-DCE
2/5/2014	**120**	**1.5**	<0.50
4/16/2014	**120 J/190 J**	**1.2 J/1.7 J**	<0.50/<1.0
7/30/2014	**100/100**	**0.89**/<1.0	<0.50/<1.0
10/6/2014	**82/90**	**0.95/0.97**	<0.50/<0.50

- Sample location
- Duplicate samples
- Analyte detected in micrograms per liter (µg/L)
- Sample date
- Approximate excavation boundary (October 2011)
- Approximate property line
- Approximate sump location

ESLs (µg/L)	
PCE	**5**
TCE	**5**
cis-1,2-DCE	**6**
Chlorobenzene	**25**
1,2-DCB	**10**

Abbreviations:

1,2-DCB = 1,2-dichlorobenzene
cis-1,2-DCE = cis-1,2-dichloroethene
ESL = Environmental Screening Level
PCE = tetrachloroethene
TCE = trichloroethene
UST = underground storage tank
µg/L = micrograms per liter
< = not detected at or above the laboratory reporting limit shown

Note:

1. ESLs from California Regional Water Quality Control Board, San Francisco Region, 2013, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Table F-1a, Groundwater Screening Levels (groundwater is a current or potential drinking water source), December. The selected screening value is the lowest of those among drinking water goals, aquatic habitat goals, taste and odor considerations, evaluation of potential vapor intrusion into buildings.

SELECTED VOCs IN
THE FIRST WATER-BEARING ZONE
JULY AND OCTOBER 2014
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

amec foster wheeler

Date: 04/03/2015 | Project No. OD10160070

Figure 7

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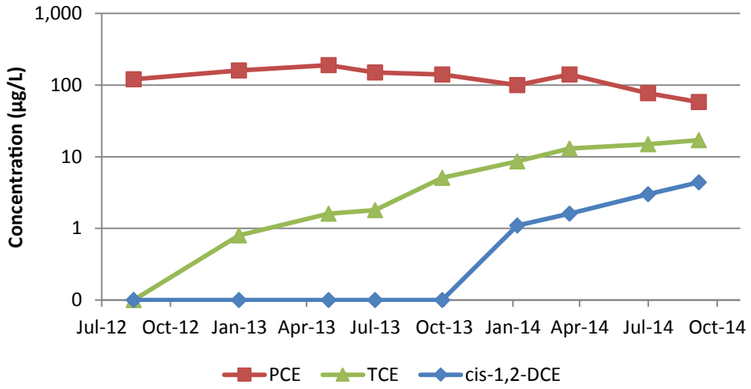
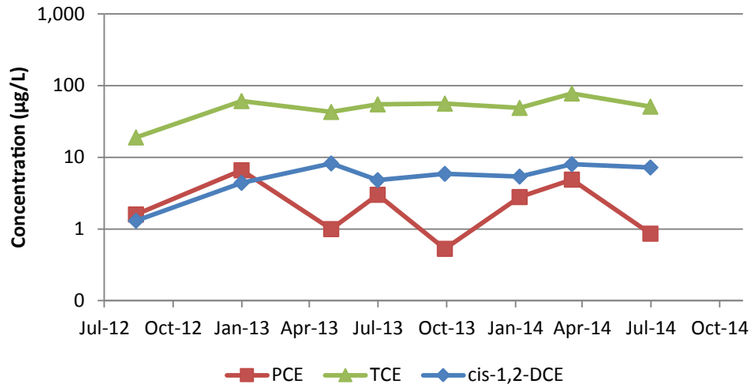
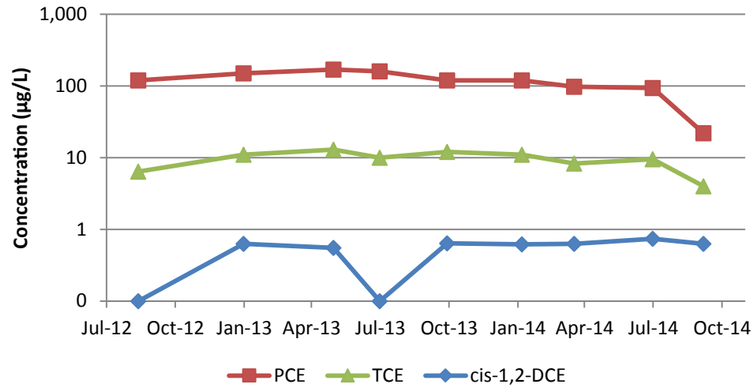
MP-01-1



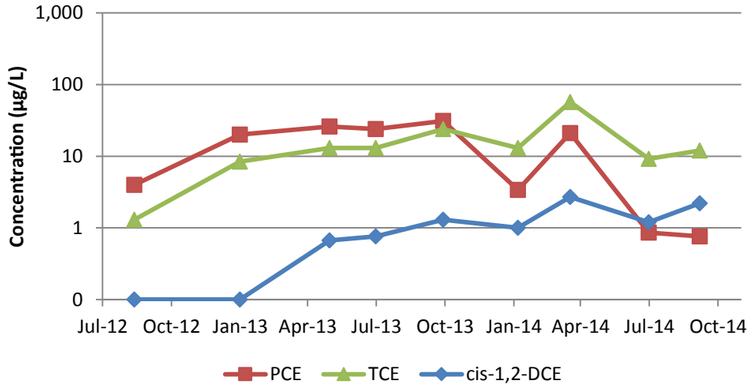
MP-02-1



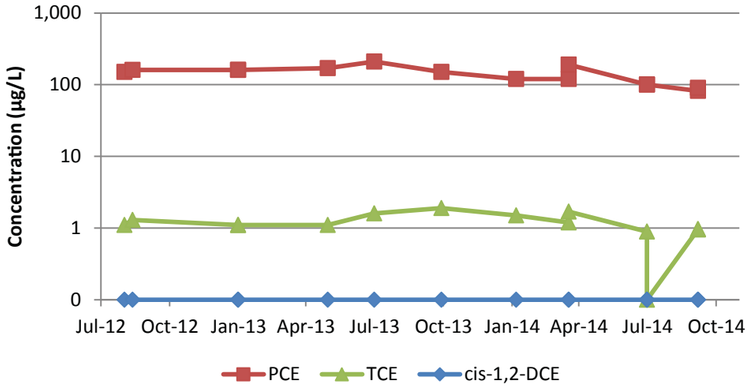
MP-03-1



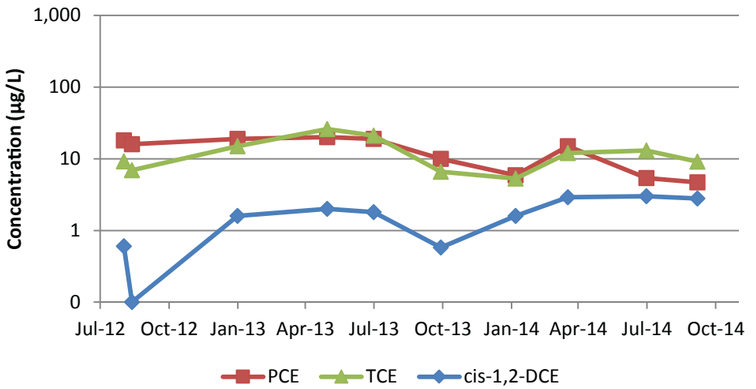
MP-04-1



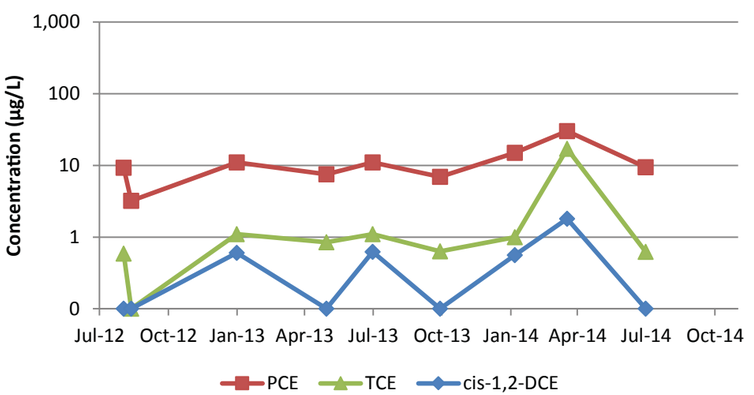
MW-01



MW-02



MW-03



Note:
Sample results reported as not detected at or above the laboratory reporting limit are plotted as zero.

Abbreviations:
cis-1,2-DCE = cis-1,2-dichloroethene
µg/L = micrograms per liter
PCE = tetrachloroethene
TCE = trichloroethene

SELECTED VOC CONCENTRATION TRENDS IN THE FIRST WATER-BEARING ZONE
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Date: 03/11/2015 | Project No. OD10160070

amec foster wheeler

Figure 8

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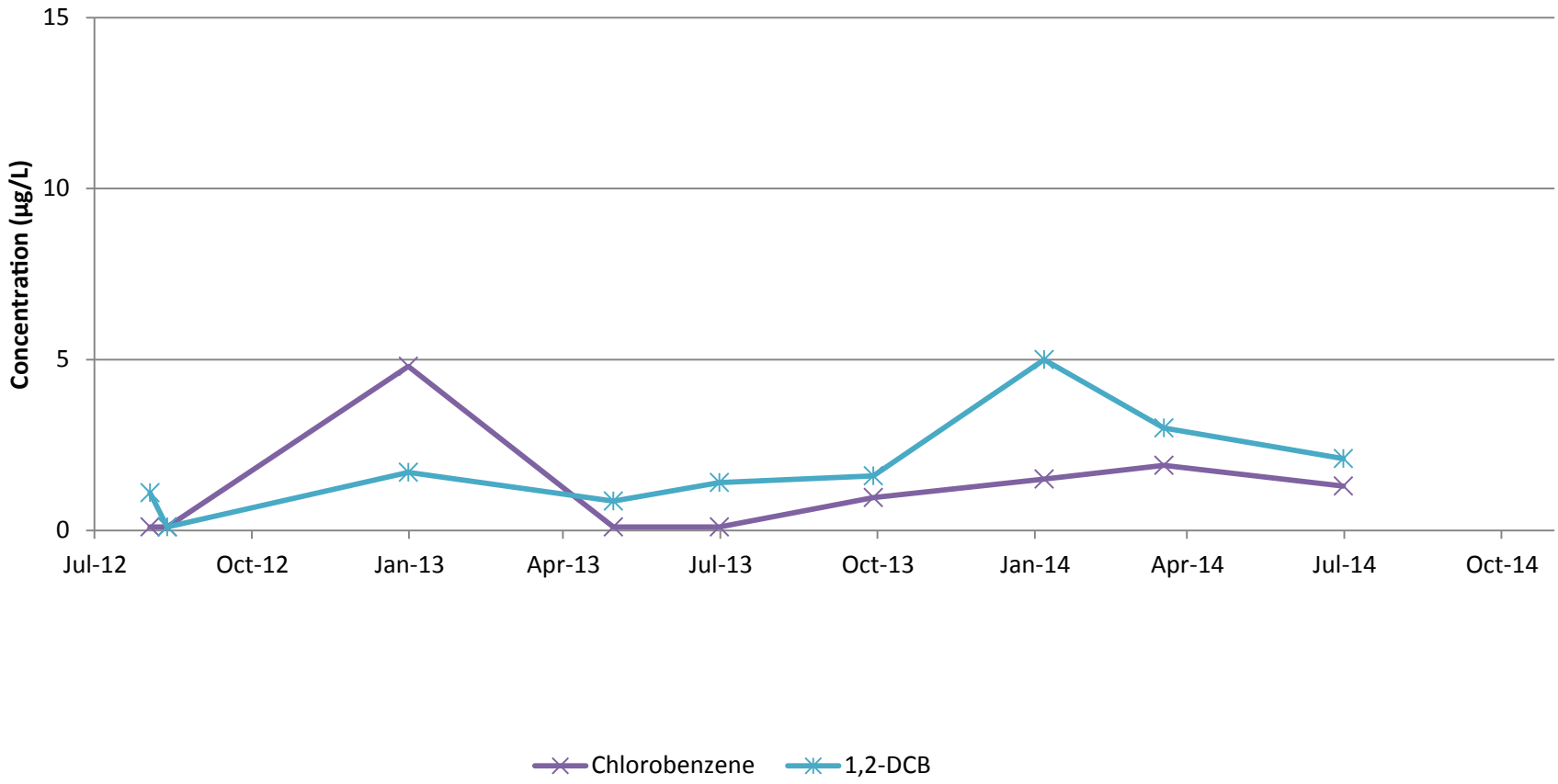
S:\OD10\160070\task_00008\15_0210_AR14_fig_09.ai

MW-03



Note:
Sample results reported as not detected at or above the laboratory reporting limit are plotted as zero.

Abbreviations:
cis-1,2-DCE = cis-1,2-dichloroethene
µg/L = micrograms per liter

CHLOROBENZENE AND 1,2-DCB CONCENTRATION TRENDS IN MW-3
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

amec foster wheeler

Date: 03/11/2015 | Project No. OD10160070

Figure 9

APPENDIX A

Well Sampling Field Records

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 7/30/14	

Well Number/ID:	Sample ID:	Duplicate ID:
MW-01	MW-01	MW-100
Method of Purging: Peri. pump + ded. tubing	**Method of Sampling:** see purge method	**Intake Depth:** 19

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12G104223	7-29-14	7-30-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.37 ft.	D. Water Column (B-A) = 5.8 ft.	Depth to Water After Sampling = 15.40 ft.
B. Well Total Depth = 21.17 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.13 gal.	Actual Volume Purged (from below) = 1350 gal (ml.)
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = 0.39 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	___ V_S = (___) + (3.1415 * ___ ^{2} / 4) * (___) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☒ ml	**Flow Rate** ☐ gpm ☒ ml/min	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization[1]:	**± 3%**	**± 0.2 mg/L**	**± 0.2**	**± 20 mV**	**±10% or <10 NTU**	
1123	Initial	100	22.2	1291	0.12	6.79	0.7	N/A	clear
1125	350		22.6	1290	0.16	6.77	-3.3		
1127	550		22.8	1291	0.32	6.77	-5.4		
1129	750		23.0	1290	0.58	6.76	-7.5		
1131	950		23.2	1289	0.29	6.74	-13.0		
1133	1150		22.9	1299	0.12	6.73	-14.0		
1135	1350		22.6	1292	0.09	6.72	-16.1		

Remarks: 1135 Sampled. Collected 6-HCl VOAs. Duplicate time = 1140

[1] Based on EPA low-flow sampling guidelines.

Signature: D Allbut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** RDP	**Date:** 7-30-14

Well Number/ID:	Sample ID:	Duplicate ID:
MW-02		—
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
peri pump	peri pump	17.5 '

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	7-30-14	7-30-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 11.56 ft.	D. Water Column (B-A) = 8.36 ft.	Depth to Water After Sampling = 11.56 ft.
B. Well Total Depth = 19.92 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = — gal.	Actual Volume Purged (from below) = 2200 gal/ml
C. Well Diameter = .75 in.	F. 3 Well Volumes (3 x E) = — gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	— V_S = (—) + (3.1415 * — ^{2} / 4) * (—) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☐ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0736	Initial	120	20.42	952	3.98	6.48	57.6	N/A	clear
0740		125	20.96	1007	2.96	6.94	23.6		"
0743		"	21.09	1049	2.70	7.09	7.4		"
0746		"	21.05	1065	2.75	7.14	3.3		"
0749		"	21.03	1081	2.75	7.13	1.0		"
0752		"	21.12	1106	2.74	7.13	2.9		"
0755		"	21.15	1110	2.68	7.13	1.9		"
0758	Sample								

Remarks:

[1] Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allsot	**Date:** 7/30/14

Well Number/ID:	Sample ID:	Duplicate ID:
MW-03	MW-03	—
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri-pump + ded. tubing	see purge method	18.0 - 19.0

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12G104223	7/29/14	7/30/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.29 ft.	D. Water Column (B-A) = 4.06 ft.	Depth to Water After Sampling = 15.65 ft.
B. Well Total Depth = 19.35 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.09 gal.	Actual Volume Purged (from below) = 1200 gal/mL
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = 0.27 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	___ V_S = (___) + (3.1415 * ___ ^{2} / 4) * (___) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☒ ml	**Flow Rate** ☐ gpm ☐ ml/min	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1202	Initial	100	22.6	1290	5.02	6.71	47.9	N/A	tan, cloudy
1204	350		22.6	1293	5.39	6.73	49.7		
1206	550		22.4	1298	5.77	6.74	52.9		
1208	750		22.0	1299	4.27	6.69	51.0		
1210	950		21.9	1301	3.39	6.63	49.6		
1212	1150		23.7	1293	4.94	6.78	53.2		
1214	1200		Dewatered at 1200 ml						

Remarks: 1330 Sampled. Collected 3-HCl VOAs.

[1] Based on EPA low-flow sampling guidelines.

Signature: D Allsot **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** RDP	**Date:** 7-30-14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-01-1	MP-01-1	-
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
peri pump	peri pump	17.4'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	7-30-14	7-30-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 14.02 ft.	D. Water Column (B-A) = 3.58 ft.	Depth to Water After Sampling = 14.02 ft.
B. Well Total Depth = 17.6 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = - gal.	Actual Volume Purged (from below) = 2350 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = - gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_p + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	- V_S = (-) + (3.1415 * - ^{2} / 4) * (-) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☐ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1131	Initial	150	24.10	1334	2.25	7.14	-81	N/A	clear
1134		"	23.44	1324	2.13	6.94	-54		"
1137		125	23.03	1322	2.35	6.82	-44		"
1140		"	22.96	1309	2.40	6.78	-37		
1143		"	23.02	1299	2.28	6.79	-36		
1146		"	23.11	1296	2.31	6.80	-35		
1149		"	23.11	1294	2.33	6.84	-35		
1153		sample							

Remarks:

[1] Based on EPA low-flow sampling guidelines.

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** RDP	**Date:** 7-30-14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-01-2	MP-01-2	-
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri pump	peri pump	43.4'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	7-30-14	7-30-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.11 ft.	D. Water Column (B-A) = 28.39 ft.	Depth to Water After Sampling = 38.61 ft.
B. Well Total Depth = 43.5 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = - gal.	Actual Volume Purged (from below) = 750 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = - gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	- V_S = (-) + (3.1415 * - ^{2} / 4) * (-) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☐ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
		Stabilization[1]:	± 3%		± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1210	Initial	100	28.99	932	5.37	8.30	-65	N/A	clear
1212		100	28.86	1077	3.10	8.12	-224		"
1214		100	28.29	1150	2.01	8.04	-232		"
1216		100	29.05	1172	1.70	8.02	-254		"
1218		100	29.82	1191	1.49	8.01	-262		dewater
1220		100	28.34	1206	1.66	7.90	-258		
1230		100	30.88	1228	1.69	7.90	-252		
1251		sample							

Remarks:

[1] Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** RDP	**Date:** 7-30-14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-01-3	MP-01-3	-
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri pump	Peri pump	58.3'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	7-30-14	7-30-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 16.33 ft.	D. Water Column (B-A) = 42.07 ft.	Depth to Water After Sampling = 43.01 ft.
B. Well Total Depth = 58.4 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = - gal.	Actual Volume Purged (from below) = 640 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = - gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	V_S = (-) + (3.1415 * - ^{2} / 4) * (-) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☐ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1305	Initial	100	29.04	1136	2.21	7.72	-174	N/A	cloudy
1308		100	31.35	1129	2.05	7.84	-170		"
1311		100	29.98	1112	1.68	7.81	-152		"
1313		100	27.10	1110	1.83	7.62	-143		"
1315		70	29.11	1109	1.74	7.39	-129		
1317		70	29.98	1107	1.78	7.42	-132		dewater
1350			Sample						

Remarks:

(1) Based on EPA low-flow sampling guidelines.

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** RDP	**Date:** 7-30-14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-02-1	MP-02-1	-
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri pump	peri pump	12.8

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	7-30-14	7-30-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 12.48 ft.	D. Water Column (B-A) = 0.42 ft.	Depth to Water After Sampling = 12.48 ft.
B. Well Total Depth = 12.9 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = - gal.	Actual Volume Purged (from below) = 810 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = - gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	- V_S = (-) + (3.1415 * - ^{2} / 4) * (-) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☐ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1020	Initial	70	25.59	1349	2.93	7.15	-102	N/A	clear
1023		100	25.80	1351	3.16	7.08	-70		dewater
1026		100	26.00	1351	2.12	7.01	-67		"
1028		100	25.99	1350	1.97	6.99	-68		"
1030		100	25.66	1354	2.06	6.98	-64		"
1032		100	25.59	1355	1.96	6.94	-63		
1034		100	25.25	1351	2.05	6.94	-53		
1041		sample							

Remarks:

[1] Based on EPA low-flow sampling guidelines.

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** RDP	**Date:** 7-30-14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-02-2	MP-02-2	-
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri Pump	Peri Pump	36.6 '

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	7-30-14	7-30-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 12.82 ft.	D. Water Column (B-A) = 23.98 ft.	Depth to Water After Sampling = 35.71 ft.
B. Well Total Depth = 36.7 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = - gal.	Actual Volume Purged (from below) = 750 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = - gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	- V_S = (-) + (3.1415 * - ^{2} / 4) * (-) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☐ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0925	Initial	150	24.86	874	6.20	8.44	-96	N/A	dewatered out
0930		100	25.16	1090	4.43	7.70	-213		"
0933		70	24.30	1208	3.40	7.54	-230		"
0936		70	24.85	1237	2.80	7.47	-231		"
0939		70	24.68	1242	2.81	7.41	-233		
0942		100	24.86	1249	2.79	7.30	-231		
0945		70	24.76	1247	2.35	7.22	-231		
0948		70	24.57	1245	2.36	7.23	-228		
1001		Sample							

Remarks:

[1] Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** RDP	**Date:** 7-30-14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-02-3	MP-02-3	-
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri PUMP	Peri PUMP	57.7'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	7-30-14	7-30-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.43 ft.	D. Water Column (B-A) = 42.37 ft.	Depth to Water After Sampling = 49.12 ft.
B. Well Total Depth = 57.8 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = - gal.	Actual Volume Purged (from below) = 700 gal (ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = - gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	- V_S = (-) + (3.1415 * - ^{2} / 4) * (-) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☐ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0848	Initial	120	22.98	1101	3.93	7.28	-181	N/A	clear
0851		200	22.58	1123	2.58	7.88	-195		dewater
0856		100	22.37	1133	2.29	7.97	-201		"
0859		100	22.38	1141	2.37	7.90	-198		"
0902		70	22.81	1151	2.32	7.79	-196		"
0906		70	23.35	1156	2.27	7.79	-193		"
1330	sample								

Remarks:

[1] Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 7/30/14	

Well Number/ID:	Sample ID:	Duplicate ID:
MP-03-1	MP-03-1	—
Method of Purging:	**Method of Sampling:**	**Intake Depth:** 19.5

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12E104223	7/29/14	7/30/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 13.58 ft.	D. Water Column (B-A) = 1.02 ft.	Depth to Water After Sampling = 14.12 ft.
B. Well Total Depth = 15.6 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.006 gal.	Actual Volume Purged (from below) = 1550 gal (ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.018 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	___ V_S = (—) + (3.1415 * — ^{2} / 4) * (—) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☒ ml	**Flow Rate** ☐ gpm ☒ ml/min	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization[1]:	**± 3%**	**± 0.2 mg/L**	**± 0.2**	**± 20 mV**	**±10% or <10 NTU**	
1051	Initial	100	23.8	1341	0.97	6.74	-21.6	N/A	cloudy
1053	350		23.7	1356	0.57	6.70	-33.3		clearing
1055	550		23.8	1362	1.38 DA	6.65	-30.8		
1057	750		23.7	1359	0.84	6.68	-32.4		
1059	950		23.4	1359	0.36	6.65	-33.9		clear
1101	1150		23.6	1354	0.13	6.67	-35.0		
1103	1350		23.7	1359	0.01	6.67	-35.9		
1105	1550		23.8	1359	0.01	6.68	-36.3		

Remarks: 1105 Sampled. Collected 3-HCl VOAs

[1] Based on EPA low-flow sampling guidelines.

Signature: D. Allbut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 7/30/14	

Well Number/ID:	Sample ID:	Duplicate ID:
MP-03-Z	MP-03-Z	—
Method of Purging: Peri. Pump + Ded. Tubing	**Method of Sampling:** see purge method	**Intake Depth:** 43.1

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12G104223	7/29/14	7/30/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.51 ft.	D. Water Column (B-A) = 27.69 ft.	Depth to Water After Sampling = 43.11 ft.
B. Well Total Depth = ~~43.2~~ ~~15.51~~ RA ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.16 gal.	Actual Volume Purged (from below) = 200 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.48 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	— V_S = (—) + (3.1415 * — ^{2} / 4) * (—) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☒ ml	**Flow Rate** ☐ gpm ☒ ml/min	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization[1]:	**± 3%**	**± 0.2 mg/L**	**± 0.2**	**± 20 mV**	**±10% or <10 NTU**	
0950	Initial	100	26.6	1737	3.11	8.12	-286.4	N/A	clear; H_2S odor

Remarks: 0945 Sampled. Collected 3-HCl VOAs

[1] Based on EPA low-flow sampling guidelines.

Signature: D. Allbut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allen	**Date:** 7/30/14	

Well Number/ID:	Sample ID:	Duplicate ID:
MP-03-3	MP-03-3	–
Method of Purging: Peristaltic pump + ded. tubing	**Method of Sampling:** see purge method	**Intake Depth:** 57.7

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12G104223	7/29/14	7/30/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 16.30 ft.	D. Water Column (B-A) = 41.5 ft.	Depth to Water After Sampling = 30.93 ft.
B. Well Total Depth = 57.8 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.24 gal.	Actual Volume Purged (from below) = 9.50 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.72 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	=	N/A	ml
Tubing Inside Diameter	D	=	N/A	in.
Tubing Length	L	=	N/A	in.
Conversion from Inches^3 to ml	1 in^3	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3

V_S = (–) + (3.1415 * – ^{2} / 4) * (–) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☒ ml	Flow Rate ☐ gpm ☒ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0914	Initial	100	21.7	1019	0.63	7.98	-253.8	N/A	gray, cloudy H_2S odor
0916	350		22.0	1010	0.14	8.03	-257.8		
0918	550		23.2	1024	0.03	7.49	-254.2		
0920	750		24.1	1026	0.01	7.43	-246.4		
0922	950		23.4	1032	0.01	7.34	-239.8		

Remarks: 0925 sampled. Collected 3-HCl VOAs

(1) Based on EPA low-flow sampling guidelines.

Signature: D. Allen **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 7/30/14	

Well Number/ID:	Sample ID:	Duplicate ID:
MP-04-1	MP-04-1	—
Method of Purging: Peristaltic pump + ded. tubing	**Method of Sampling:** see purge method	**Intake Depth:** 15.6

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12E104223	7/29/14	7/30/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 12.82 ft.	D. Water Column (B-A) = 2.88 ft.	Depth to Water After Sampling = 15.59 ft.
B. Well Total Depth = 15.7 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.016 gal.	Actual Volume Purged (from below) = 400 gal (ml).
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.048 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	___ V_S = (___) + (3.1415 * ___ ^{2} / 4) * (___) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☒ ml	Flow Rate ☐ gpm ☒ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0839	Initial	100	22.6	1342	0.79	6.81	-158.6	cloudy	
0841	350	11	22.2	1357	3.70	6.91	-127.4	1	
0842	400	well dewatered							

Remarks: BTS Sampled. Collected 3-HCl VOAs

[1] Based on EPA low-flow sampling guidelines.

Signature: D Allbut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Al	**Date:** 7/30/14	

Well Number/ID:	Sample ID:	Duplicate ID:
MP-04-2	MP-04-2	—
Method of Purging: Peristaltic pump + ded. tubing	**Method of Sampling:** see purge method	**Intake Depth:** 41.6

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	16104223	7/29/14	7/30/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 14.05 ft.	D. Water Column (B-A) = 27.65 ft.	Depth to Water After Sampling = ~~41.404~~ 39.92 ft.
B. Well Total Depth = 41.7 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.16 gal.	Actual Volume Purged (from below) = 600 gal/ml
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.48 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	___ V_S = (___) + (3.1415 * ___ ^{2} / 4) * (___) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☒ ml	Flow Rate ☐ gpm ☒ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0824	Initial	100	21.3	1235	0.15	7.68	-265.2	gray; cloudy	H_2S odor
0826	350	|	21.1	1220	0.11	7.66	-264.2	|	|
0828	550	|	22.1	1204	0.07	7.65	-263.8	|	|
0830	600	well dewatered							

Remarks: 1255 Sampled. Collected 3-HCl VOAs.

[1] Based on EPA low-flow sampling guidelines.

Signature: D Al

Checked By:

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allnut	**Date:** 7/30/14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-04-3	MP-04-3	—
Method of Purging: Peri pump + ded. tubing	**Method of Sampling:** see purge method	**Intake Depth:** 58.4

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12E104223	7/29/14	7/30/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.92 ft.	D. Water Column (B-A) = 42.68 ft.	Depth to Water After Sampling = 32.43 ft.
B. Well Total Depth = 58.6 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.25 gal.	Actual Volume Purged (from below) = 1000 gal (ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.75 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	— V_S = (—) + (3.1415 * — ^{2} / 4) * (—) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☒ ml	Flow Rate ☐ gpm ☒ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0755	Initial	100	21.9	1013	1.08	7.72	-184.7	gray; cloudy	clear; H_2S odor
0757	200		21.4	1009	0.45	7.64	-178.9		
0759	400		21.6	948	0.17	7.58	-173.8		
0801	600		21.8	954	0.11	7.49	-165.0		
0803	800		21.6	957	0.01	7.39	-151.0		
0805	1000		21.9	960	0.01	7.41	-156.6		
~~0807~~	~~1200~~ DA								

Remarks: 0805 Sampled. Collected 3-HCl VOAs

(1) Based on EPA low-flow sampling guidelines.

Signature: D. Allnut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A	**Sampled By:** D. Abbott	**Date:** 10/6/14

Well Number/ID:	Sample ID:	Duplicate ID:
MW-01	MW-01	MW-100
Method of Purging: Peri. pump + ded. tubing	**Method of Sampling:** see purge method	**Intake Depth:** 19'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12J101698	10/3/14	10/6/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 16.00 ft.	D. Water Column (B-A) = 4.90 ft.	Depth to Water After Sampling = 16.02 ft.
B. Well Total Depth = 20.9 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = — gal.	Actual Volume Purged (from below) = 1650 gal/ml
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = — gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	— V_S = (—) + (3.1415 * — ^{2} / 4) * (—) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☒ ml	Flow Rate ☐ gpm ☒ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
~~1210~~ 1204 OA	Initial	65	22.3	1277	3.27	6.94	72.7	—	clear
1207	450		22.1	1270	1.72	6.88	74.0	—	
1210	650		22.9	1265	1.05	6.85	78.4	—	
1213	850		22.5	1264	0.78	6.83	79.5	—	
1216	1050		22.8	1262	0.57	6.80	79.8	—	
1219	1350		22.6	1262	0.47	6.80	79.9	—	
1222	1650		22.7	1260	0.42	6.79	79.9	—	

Remarks: 1225 Sampled. Collected 6-HCl VOAs (+DUP) at 1230

(1) Based on EPA low-flow sampling guidelines.

Signature: D. Abbott **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet			
Project/Task #: OD10160070.00008A	**Sampled By:** RDP	**Date:** 10-6-14	
Well Number/ID: MW-02	**Sample ID:** MW-02	**Duplicate ID:**	
Method of Purging: Peri pump	**Method of Sampling:** Peri pump	**Intake Depth:** 18'	

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556		10-3-14	10-6-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 12.02 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = 12.05 ft.
B. Well Total Depth = 19.92 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = _____ gal.	Actual Volume Purged (from below) = 3600 gal/ml.
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = _____ gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A in.	Pumping System Volume (V_S)
Tubing Length	L = N/A in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39 ml	_____ V_S = (_____) + (3.1415 * _____ ^{2} / 4) * (_____) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☒ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0820	Initial	175	21.5	1047	1.76	7.70	1.8		clear
0823		"	21.7	1089	2.01	7.62	-18		"
0826		"	21.8	1099	1.80	7.61	-18		"
0829		"	22.0	1108	1.90	7.49	-15		"
0832		"	21.8	1114	2.10	7.48	-13		"
0835		"	21.9	1120	2.03	7.49	-10		"
0838		"	21.9	1123	2.05	7.48	-8		"
0840		Sample							

Remarks:

[1] Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A	**Sampled By:** RDP	**Date:** 10-6-14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-01-1	MP-01-1	
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
peri pump	peri pump	17.5 '

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556		10-3-14	10-6-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 14.80 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = 14.81 ft.
B. Well Total Depth = 59.3 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = _____ gal.	Actual Volume Purged (from below) = 2900 gal
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = _____ gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	_____ V_S = (_____) + (3.1415 * _____ ^{2} / 4) * (_____) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☐ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1212	Initial	125	25.5	1373	2.76	7.59	-149		clear
1215		"	24.7	1375	1.91	7.54	-146		"
1218		"	24.5	1368	1.87	7.49	-142		"
1221		"	25.0	1353	1.73	7.49	-139		"
1224		"	24.9	1333	1.79	7.48	-136		"
1227			24.8	1319	1.89	7.48	-133		
1230			24.8	1309	1.86	7.48	-132		
1235		sample							

Remarks:

[1] Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A	**Sampled By:** RDP	**Date:** 10-6-14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-01-2	MP-01-2	
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
peri pump	peri pump	43.24 '

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556		10-3-14	10-6-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.84 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = 39.61 ft.
B. Well Total Depth = 59.3 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = _____ gal.	Actual Volume Purged (from below) = 900 gal/ml
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = _____ gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	_____ V_S = (_____) + (3.1415 * _____ ^{2} / 4) * (_____) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☐ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1248	Initial	100	29.2	999	3.95	8.02	-213		cloudy
1251		100	30.4	1172	2.01	8.01	-267		"
1254		100	29.9	1231	1.75	8.08	-293		"
1257		"	29.4	1246	1.68	8.11	-297		"
1300		"	30.1	1252	1.55	8.06	-302		"
1303		"	29.9	1257	1.66	8.03	-297		"
1308		"	31.8	1270	1.45	7.97	-289		"
1313		"	31.7	1289	1.29	7.93	-269		
132530		sample							

Remarks:

[1] Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A	**Sampled By:** RDP	**Date:** 10-6-14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-01-3	MP-01-3	
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
peri pump	peri pump	58.3'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556		10-3-14	10-6-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 17.04 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = 49.14 ft.
B. Well Total Depth = 59.3 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = _____ gal.	Actual Volume Purged (from below) = 850 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = _____ gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	_____ V_S = (_____) + (3.1415 * _____ ^{2} / 4) * (_____) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☐ ml	**Flow Rate** ☐ gpm ☐ ml/min	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization[1]:	**± 3%**	**± 0.2 mg/L**	**± 0.2**	**± 20 mV**	**±10% or <10 NTU**	
1350	Initial	150	28.9	819	5.20	8.22	-192		cloudy
1353		100	28.8	792	5.14	8.29	-155		"
1356		"	28.8	950	3.61	8.20	-157		"
1359		"	28.4	1110	2.41	8.14	-175		"
1402		"	28.5	1141	1.95	8.10	-182		"
1405		"	30.0	1145	1.87	8.07	-181		"
1408		"	30.7	1151	1.80	8.04	-181		"
1411		"	30.6	1149	1.81	8.01	-179		"
1420			sample						

Remarks:

[1] Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A	**Sampled By:** RAP	**Date:** 10-6-14	
Well Number/ID: MP-02-1	**Sample ID:** MP-02-1	**Duplicate ID:**	
Method of Purging: peri pump	**Method of Sampling:** peri pump	**Intake Depth:** 12.8'	

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556		10-3-14	10-6-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 16.13 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = _____ ft.
B. Well Total Depth = 59.7 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = _____ gal.	Actual Volume Purged (from below) = _____ gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = _____ gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml
Tubing Inside Diameter	D = N/A	in.
Tubing Length	L = N/A	in.
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3

_____V_S = (_____) + (3.1415 * _____^{2} / 4) * (_____) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow Rate ☐ gpm ☐ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
	Initial								
			well is dry						

Remarks:

(1) Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A	**Sampled By:** RDP	**Date:** 10-6-14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-02-2	MP-02-2	
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
peri pump	peri pump	36.6

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556		10-3-14	10-6-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 13.53 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = 36.3 ft.
B. Well Total Depth = 59.7 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = _____gal.	Actual Volume Purged (from below) = 1000 gal (ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = _____ gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	_____V_S = (_____) + (3.1415 * _____ ^{2} / 4) * (_____) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☐ ml	**Flow ~~Rate~~** ☐ gpm ☒ ml/~~min~~	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization[1]:	**± 3%**	**± 0.2 mg/L**	**± 0.2**	**± 20 mV**	**±10% or <10 NTU**	
0917	Initial	150	22.2	955	5.72	7.81	-195		cloudy
0920		150	22.6	1201	3.09	7.74	-252		"
0923		150	23.5	1251	2.79	7.74	-269		"
0926		150	23.4	1270	2.59	7.70	-278		"
0929		150	23.2	1274	2.21	7.67	-281		"
0932		150	23.3	1278	2.24	7.64	-286		"
0935		Sample							"

Remarks:

[1] Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A	**Sampled By:** RDP	**Date:** 10-6-14

Well Number/ID: MP-02-3	Sample ID: MP-02-3	Duplicate ID:
Method of Purging: Peri pump	**Method of Sampling:** peri pump	**Intake Depth:** 57.7

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556		10-3-14	10-6-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 16.13 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = 51.06 ft.
B. Well Total Depth = 59.7 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = _____ gal.	Actual Volume Purged (from below) = 1100 gal (ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = _____ gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = **N/A**	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = **N/A**	in.	Pumping System Volume (V_S)
Tubing Length	L = **N/A**	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	_____ V_S = (_____) + (3.1415 * _____ ^{2} / 4) * (_____) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☐ ml	**Flow ~~Rate~~** ☐ gpm ☐ ml/~~min~~	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization[1]:	**± 3%**	**± 0.2 mg/L**	**± 0.2**	**± 20 mV**	**±10% or <10 NTU**	
0958	Initial	150	24.3	1170	3.39	7.68	-294		cloudy
1001		100	23.7	1191	2.67	7.81	-296		clear
1004		100	24.1	1168	2.55	7.98	-298		cloudy
1007		100	24.0	1157	2.08	8.13	-295		"
1010		100	24.1	1161	2.05	8.22	-283		"
1015		100	24.8	1175	2.00	8.22	-266		"
1018		100	24.5	1193	1.87	8.13	-262		"
1021		100	24.2	1210	1.85	8.03	-258		"
1026		100	24.7	1214	1.92	7.94	-247		

Remarks:

[1] Based on EPA low-flow sampling guidelines.

Signature: **Checked By:**

Purging/Sampling Date: 10-6-14 **Well Number:** MP-02-3

ADDITIONAL FIELD PARAMETER COLLECTION LOG
(continued from front side)

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☐ ml	**Flow ~~Rate~~** ☐ gpm ☐ ~~ml~~/min	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization[1]:	**± 3%**	**± 0.2 mg/L**	**± 0.2**	**± 20 mV**	**±10% or <10 NTU**	
1034		100	25.5	1227	1.80	7.85	-228		cloudy
1044		100	26.0	1229	1.50	7.83	-210		"
1105			sample						

Remarks:

[1] Based on EPA low-flow sampling guidelines.

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A	**Sampled By:** D. Albert	**Date:** 10/6/14	

Well Number/ID:	Sample ID:	Duplicate ID:
MP-03-1	MP-03-1	—
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri-pump + ded. tubing	see purge method	14.6

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12J101698	10/3/14	10/6/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 14.20 ft.	D. Water Column (B-A) = 0.40 ft.	Depth to Water After Sampling = _____ ft.
B. Well Total Depth = 14.6 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = — gal.	Actual Volume Purged (from below) = _____ gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = — gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	=	N/A	ml
Tubing Inside Diameter	D	=	N/A	in.
Tubing Length	L	=	N/A	in.
Conversion from Inches^3 to ml	1 in^3	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3

— V_S = (—) + (3.1415 * — ^{2} / 4) * (—) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☒ ml	Flow Rate ☐ gpm ☒ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1021	Initial	35	27.1	1324	6.22	7.40	-0.2	—	clear
1024	250	|	27.4	1272	6.70	7.65	17.6	—	|
1027	350	|	27.5	1284	6.80	7.71	35.4	—	|
1030	450	|	27.6	1267	6.81	7.81	46.1	—	|
1030	450	dewatered							

Remarks: 1115 Sampled - Collected 3-HCl VOAs

[1] Based on EPA low-flow sampling guidelines.

Signature: D. Albert **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A	**Sampled By:** D. Allbut	**Date:** 10/16/14	

Well Number/ID:	Sample ID:	Duplicate ID:
MP-03-2	MP-03-2	-
Method of Purging: Peri. pump + ded. tubing	**Method of Sampling:** see purge method	**Intake Depth:** 43.2

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12J101698	10/3/14	10/6/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 17.01 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = 43.20 ft.
B. Well Total Depth = 43.2 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = _____ gal.	Actual Volume Purged (from below) = 85 gal (ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = _____ gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	_____ V_S = (_____) + (3.1415 * _____ ^{2} / 4) * (_____) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☒ ml	**Flow Rate** ☐ gpm ☒ ml/min	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization(1):	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0835	Initial	Insufficient water for parameter reading						-	H_2S odor; clear

Remarks:

(1) Based on EPA low-flow sampling guidelines.

Signature: D Allbut

Checked By:

amec

MONITORING WELL SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A	**Sampled By:** DA	**Date:** 10/6/14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-03-3	MP-03-3	–
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri. pump + ded. tubing	see purge method	58'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12510169	10/3/14	10/6/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 16.88 ft.	D. Water Column (B-A) = 41.22 ft.	Depth to Water After Sampling = 28.98 ft.
B. Well Total Depth = 58.1 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = – gal.	Actual Volume Purged (from below) = 1650 gal/(ml.)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = – gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	– V_S = (–) + (3.1415 * – ^{2} / 4) * (–) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☒ ml	**Flow Rate** ☐ gpm ☒ ml/min	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization(1):	**± 3%**	**± 0.2 mg/L**	**± 0.2**	**± 20 mV**	**±10% or <10 NTU**	
1039	Initial	65	23.5	1029	1.57	7.88	-145.9	–	gray/brown, cloudy DA
1042	450		23.7	1028	0.79	7.88	-195.4	–	
1045	650		24.7	1034	0.61	7.66	-227.5	–	clearing
1048	850		25.0	1038	0.53	7.36	-216.6	–	
1051	1050		24.9	1039	0.50	7.24	-201.0	–	
1054	1250		24.9	1039	0.50	7.20	-165.0	–	
1057	1450		25.0	1039	0.50	7.17	-159.7	–	
1100	1650		25.1	1038	0.46	7.15	-147.3	–	

Remarks: 1100 Sampled

(1) Based on EPA low-flow sampling guidelines.

Signature: [signature] **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A	**Sampled By:** DA	**Date:** 10/6/14	

Well Number/ID:	Sample ID:	Duplicate ID:
MP-04-1	MP-04-1	—
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri. pump + ded. tubing	see purge method	15.7'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12J101698	10/3/14	10/6/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 13.40 ft.	D. Water Column (B-A) = 2.3' ft.	Depth to Water After Sampling = _____ ft.
B. Well Total Depth = 15.7 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = — gal.	Actual Volume Purged (from below) = _____ gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = — gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	—V_S = (—) + (3.1415 * —^{2} / 4) * (—) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☒ ml	**Flow Rate** ☐ gpm ☒ ml/min	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization[1]:	**± 3%**	**± 0.2 mg/L**	**± 0.2**	**± 20 mV**	**±10% or <10 NTU**	
0858	Initial	35	21.1	1340	1.74	6.11	6.1	—	cloudy
0901	200	35	21.3	1364	2.93	6.86	-15.1	—	
0901	well	dewatered at	200 ml						
~~1240~~ DA									

Remarks: 1240 Sampled. Collected 2-HCl VOAs.

[1] Based on EPA low-flow sampling guidelines.

Signature: [signature] **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A	**Sampled By:** DA	**Date:** 10/6/14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-04-2	MP-04-2	–
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri. pump + ded. tubing	see purge method	41.7

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12J101698	10/3/14	10/6/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 14.63 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = 41.50 ft.
B. Well Total Depth = 41.7 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = – gal.	Actual Volume Purged (from below) = 550 gal/(ml.)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = – gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p	= N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D	= N/A	in.	Pumping System Volume (V_S)
Tubing Length	L	= N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3	= 16.39	ml	– V_S = (–) + (3.1415 * – ^{2} / 4) * (–) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	**Purge Volume** ☐ gal ☒ ml	**Flow Rate** ☐ gpm ☐ ml/min	**Temp** (°C)	**Specific Conductance** (µS/cm)	**Dissolved Oxygen** (mg/L)	**pH**	**Oxidation Reduction Potential** (mV)	**Turbidity** (NTU)	**Remarks** (DTW, color, odor, etc)
			Stabilization(1):	**± 3%**	**± 0.2 mg/L**	**± 0.2**	**± 20 mV**	**±10% or <10 NTU**	
0912	Initial	85	22.2	1186	1.24	7.50	-184.9	–	cloudy, H_2S odor, gray
0915	250	|	22.1	1231	0.31	7.64	-289.1	–	
0918	450	|	22.9	1212	0.38	7.65	-309.9	–	
0920	550	dewatered.							

Remarks: 1250 Sampled.

(1) Based on EPA low-flow sampling guidelines.

Signature: [signature] **Checked By:**

amec

MONITORING WELL SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A	**Sampled By:** DA	**Date:** 10/6/14

Well Number/ID:	Sample ID:	Duplicate ID:
MP-04-3	MP-04-3	—
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peri. pump + ded. tubing	see purge method	58.6

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12J101698	10/3/14	10/6/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 16.54 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = 21.56 ft.
B. Well Total Depth = 58.6 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = _____ gal.	Actual Volume Purged (from below) = 850 gal(ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = _____ gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = N/A	in.	Pumping System Volume (V_S)
Tubing Length	L = N/A	in.	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in^3
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	___ V_S = (___) + (3.1415 * ___ ^{2} / 4) * (___) * 16.39

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume ☐ gal ☒ ml	Flow Rate ☐ gpm ☒ ml/min	Temp (°C)	Specific Conductance (µS/cm)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks (DTW, color, odor, etc)
			Stabilization[1]:	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0923	Initial	50	21.6	992	2.10	7.81	-282.2	—	cloudy gray
0926	300		21.2	1020	1.47	7.78	-294.0	—	
0929	450		21.5	1015	0.69	7.81	-309.6	—	
0932	650		21.8	1025	0.57	7.69	-308.7	—	
0935	850		22.1	1028	0.55	7.60	-301.8	—	

Remarks:

(1) Based on EPA low-flow sampling guidelines.

Signature: [signature]

Checked By:

WATER LEVEL MONITORING RECORD

amec

Project Name: Crown Chevrolet Project and Task Number: OD10160070.00011.A

Date: 12/18/14 Measured by: AR Instrument(s) Used: ES

Note: For your convenience, the following abbreviations may be used.

I = Inaccessible D = Dedicated Pump IP = Interface Probe

ES = Electrical Sounder WL = Water Level

Well No.	Time	TOC Elevation (feet)	DTW Measurement (feet)	Groundwater Elevation (feet)	Remarks
MW-01	1103	344.24	13.61		
MW-02	1100	340.24	9.84		
~~MW-03~~	~~—~~	~~343.77~~	~~—~~		
MP-01-1	0824	343.20	12.30		
MP-01-2	0825	343.20	13.91		
MP-01-3	0826	343.20	15.53		
MP-02-1	0917	341.15	10.74		
MP-02-2	0918	341.15	11.30		
MP-02-3	0919	341.15	15.54		
MP-03-1	0937	342.21	11.83		
MP-03-2	0936	342.21	16.26		Measured 2x
MP-03-3	0935	342.21	15.47		measured 2x
MP-04-1	0959	341.22	11.30		
MP-04-2	0958	341.22	13.03		
MP-04-3	0956	341.22	15.13		
PZ-03	1110		11.04		
PZ-02	1112		11.74		
PZ-01	1115		12.01		

amec foster wheeler

APPENDIX B

Laboratory Analytical Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-58973-1
Client Project/Site: Crown Chevrolet Cadillac Isuzu

For:
AMEC Environment & Infrastructure, Inc.
180 Grand Avenue
Suite 1100
Oakland, California 94612

Attn: Avery Whitmarsh

Authorized for release by:
8/6/2014 2:54:32 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

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

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

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)

Job ID: 720-58973-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-58973-1

Comments
No additional comments.

Receipt
The samples were received on 7/30/2014 3:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 4.6° C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58973-1

Client Sample ID: MP-04-1 — Lab Sample ID: 720-58973-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.2		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	0.86		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	9.2		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-04-2 — Lab Sample ID: 720-58973-2

No Detections.

Client Sample ID: MP-04-3 — Lab Sample ID: 720-58973-3

No Detections.

Client Sample ID: TB073014-1 — Lab Sample ID: 720-58973-4

No Detections.

Client Sample ID: TB073014-2 — Lab Sample ID: 720-58973-5

No Detections.

This Detection Summary does not include radiochemical test results.

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MP-04-1
Date Collected: 07/30/14 13:15
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 13:37	1
Acetone	ND		50		ug/L			07/31/14 13:37	1
Benzene	ND		0.50		ug/L			07/31/14 13:37	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 13:37	1
Bromobenzene	ND		1.0		ug/L			07/31/14 13:37	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 13:37	1
Bromoform	ND		1.0		ug/L			07/31/14 13:37	1
Bromomethane	ND		1.0		ug/L			07/31/14 13:37	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 13:37	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 13:37	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 13:37	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 13:37	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 13:37	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 13:37	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 13:37	1
Chloroethane	ND		1.0		ug/L			07/31/14 13:37	1
Chloroform	ND		1.0		ug/L			07/31/14 13:37	1
Chloromethane	ND		1.0		ug/L			07/31/14 13:37	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 13:37	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 13:37	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 13:37	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 13:37	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 13:37	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 13:37	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 13:37	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 13:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 13:37	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 13:37	1
Dibromomethane	ND		0.50		ug/L			07/31/14 13:37	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 13:37	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 13:37	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 13:37	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 13:37	1
cis-1,2-Dichloroethene	**1.2**		0.50		ug/L			07/31/14 13:37	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 13:37	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 13:37	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 13:37	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 13:37	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 13:37	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 13:37	1
2-Hexanone	ND		50		ug/L			07/31/14 13:37	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 13:37	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 13:37	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 13:37	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 13:37	1
Naphthalene	ND		1.0		ug/L			07/31/14 13:37	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 13:37	1
Styrene	ND		0.50		ug/L			07/31/14 13:37	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 13:37	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-04-1
Date Collected: 07/30/14 13:15
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 13:37	1
Tetrachloroethene	**0.86**		0.50		ug/L			07/31/14 13:37	1
Toluene	ND		0.50		ug/L			07/31/14 13:37	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 13:37	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 13:37	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 13:37	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 13:37	1
Trichloroethene	**9.2**		0.50		ug/L			07/31/14 13:37	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 13:37	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 13:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 13:37	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 13:37	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 13:37	1
Vinyl acetate	ND		10		ug/L			08/01/14 15:16	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 13:37	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 13:37	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 13:37	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*07/31/14 13:37*	*1*
4-Bromofluorobenzene	*100*		*67 - 130*		*08/01/14 15:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*07/31/14 13:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 130*		*08/01/14 15:16*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*07/31/14 13:37*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/01/14 15:16*	*1*

Client Sample ID: MP-04-2
Date Collected: 07/30/14 12:55
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 14:06	1
Acetone	ND		50		ug/L			07/31/14 14:06	1
Benzene	ND		0.50		ug/L			07/31/14 14:06	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 14:06	1
Bromobenzene	ND		1.0		ug/L			07/31/14 14:06	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 14:06	1
Bromoform	ND		1.0		ug/L			07/31/14 14:06	1
Bromomethane	ND		1.0		ug/L			07/31/14 14:06	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 14:06	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 14:06	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 14:06	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 14:06	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 14:06	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 14:06	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 14:06	1
Chloroethane	ND		1.0		ug/L			07/31/14 14:06	1
Chloroform	ND		1.0		ug/L			07/31/14 14:06	1
Chloromethane	ND		1.0		ug/L			07/31/14 14:06	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-04-2
Date Collected: 07/30/14 12:55
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 14:06	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 14:06	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 14:06	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 14:06	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 14:06	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 14:06	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 14:06	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 14:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 14:06	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 14:06	1
Dibromomethane	ND		0.50		ug/L			07/31/14 14:06	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 14:06	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 14:06	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 14:06	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 14:06	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 14:06	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 14:06	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 14:06	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 14:06	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 14:06	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 14:06	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 14:06	1
2-Hexanone	ND		50		ug/L			07/31/14 14:06	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 14:06	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 14:06	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 14:06	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 14:06	1
Naphthalene	ND		1.0		ug/L			07/31/14 14:06	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 14:06	1
Styrene	ND		0.50		ug/L			07/31/14 14:06	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 14:06	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 14:06	1
Tetrachloroethene	ND		0.50		ug/L			07/31/14 14:06	1
Toluene	ND		0.50		ug/L			07/31/14 14:06	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 14:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 14:06	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 14:06	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 14:06	1
Trichloroethene	ND		0.50		ug/L			07/31/14 14:06	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 14:06	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 14:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 14:06	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 14:06	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 14:06	1
Vinyl acetate	ND		10		ug/L			08/01/14 15:45	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 14:06	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 14:06	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 14:06	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 14:06	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130		07/31/14 14:06	1
4-Bromofluorobenzene	101		67 - 130		08/01/14 15:45	1
1,2-Dichloroethane-d4 (Surr)	104		72 - 130		07/31/14 14:06	1
1,2-Dichloroethane-d4 (Surr)	109		72 - 130		08/01/14 15:45	1
Toluene-d8 (Surr)	100		70 - 130		07/31/14 14:06	1
Toluene-d8 (Surr)	101		70 - 130		08/01/14 15:45	1

Client Sample ID: MP-04-3
Date Collected: 07/30/14 08:05
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 14:35	1
Acetone	ND		50		ug/L			07/31/14 14:35	1
Benzene	ND		0.50		ug/L			07/31/14 14:35	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 14:35	1
Bromobenzene	ND		1.0		ug/L			07/31/14 14:35	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 14:35	1
Bromoform	ND		1.0		ug/L			07/31/14 14:35	1
Bromomethane	ND		1.0		ug/L			07/31/14 14:35	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 14:35	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 14:35	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 14:35	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 14:35	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 14:35	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 14:35	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 14:35	1
Chloroethane	ND		1.0		ug/L			07/31/14 14:35	1
Chloroform	ND		1.0		ug/L			07/31/14 14:35	1
Chloromethane	ND		1.0		ug/L			07/31/14 14:35	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 14:35	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 14:35	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 14:35	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 14:35	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 14:35	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 14:35	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 14:35	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 14:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 14:35	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 14:35	1
Dibromomethane	ND		0.50		ug/L			07/31/14 14:35	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 14:35	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 14:35	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 14:35	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 14:35	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 14:35	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 14:35	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 14:35	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 14:35	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 14:35	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 14:35	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 14:35	1
2-Hexanone	ND		50		ug/L			07/31/14 14:35	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-04-3
Date Collected: 07/30/14 08:05
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.50		ug/L			07/31/14 14:35	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 14:35	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 14:35	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 14:35	1
Naphthalene	ND		1.0		ug/L			07/31/14 14:35	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 14:35	1
Styrene	ND		0.50		ug/L			07/31/14 14:35	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 14:35	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 14:35	1
Tetrachloroethene	ND		0.50		ug/L			07/31/14 14:35	1
Toluene	ND		0.50		ug/L			07/31/14 14:35	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 14:35	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 14:35	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 14:35	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 14:35	1
Trichloroethene	ND		0.50		ug/L			07/31/14 14:35	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 14:35	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 14:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 14:35	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 14:35	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 14:35	1
Vinyl acetate	ND		10		ug/L			08/01/14 16:14	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 14:35	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 14:35	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 14:35	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*67 - 130*		*07/31/14 14:35*	*1*
4-Bromofluorobenzene	*100*		*67 - 130*		*08/01/14 16:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*07/31/14 14:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 130*		*08/01/14 16:14*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*07/31/14 14:35*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/01/14 16:14*	*1*

Client Sample ID: TB073014-1
Date Collected: 07/30/14 07:30
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 11:14	1
Acetone	ND		50		ug/L			07/31/14 11:14	1
Benzene	ND		0.50		ug/L			07/31/14 11:14	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 11:14	1
Bromobenzene	ND		1.0		ug/L			07/31/14 11:14	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 11:14	1
Bromoform	ND		1.0		ug/L			07/31/14 11:14	1
Bromomethane	ND		1.0		ug/L			07/31/14 11:14	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 11:14	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 11:14	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: TB073014-1
Date Collected: 07/30/14 07:30
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 11:14	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 11:14	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 11:14	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 11:14	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 11:14	1
Chloroethane	ND		1.0		ug/L			07/31/14 11:14	1
Chloroform	ND		1.0		ug/L			07/31/14 11:14	1
Chloromethane	ND		1.0		ug/L			07/31/14 11:14	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 11:14	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 11:14	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 11:14	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 11:14	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 11:14	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 11:14	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 11:14	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 11:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 11:14	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 11:14	1
Dibromomethane	ND		0.50		ug/L			07/31/14 11:14	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 11:14	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 11:14	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 11:14	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 11:14	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 11:14	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 11:14	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 11:14	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 11:14	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 11:14	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 11:14	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 11:14	1
2-Hexanone	ND		50		ug/L			07/31/14 11:14	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 11:14	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 11:14	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 11:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 11:14	1
Naphthalene	ND		1.0		ug/L			07/31/14 11:14	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 11:14	1
Styrene	ND		0.50		ug/L			07/31/14 11:14	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 11:14	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 11:14	1
Tetrachloroethene	ND		0.50		ug/L			07/31/14 11:14	1
Toluene	ND		0.50		ug/L			07/31/14 11:14	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 11:14	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 11:14	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 11:14	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 11:14	1
Trichloroethene	ND		0.50		ug/L			07/31/14 11:14	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 11:14	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 11:14	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: TB073014-1
Date Collected: 07/30/14 07:30
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 11:14	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 11:14	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 11:14	1
Vinyl acetate	ND		10		ug/L			08/01/14 16:43	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 11:14	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 11:14	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 11:14	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*07/31/14 11:14*	*1*
4-Bromofluorobenzene	*99*		*67 - 130*		*08/01/14 16:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 130*		*07/31/14 11:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*		*08/01/14 16:43*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*07/31/14 11:14*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/01/14 16:43*	*1*

Client Sample ID: TB073014-2
Date Collected: 07/30/14 07:25
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 11:43	1
Acetone	ND		50		ug/L			07/31/14 11:43	1
Benzene	ND		0.50		ug/L			07/31/14 11:43	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 11:43	1
Bromobenzene	ND		1.0		ug/L			07/31/14 11:43	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 11:43	1
Bromoform	ND		1.0		ug/L			07/31/14 11:43	1
Bromomethane	ND		1.0		ug/L			07/31/14 11:43	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 11:43	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 11:43	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 11:43	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 11:43	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 11:43	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 11:43	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 11:43	1
Chloroethane	ND		1.0		ug/L			07/31/14 11:43	1
Chloroform	ND		1.0		ug/L			07/31/14 11:43	1
Chloromethane	ND		1.0		ug/L			07/31/14 11:43	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 11:43	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 11:43	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 11:43	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 11:43	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 11:43	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 11:43	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 11:43	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 11:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 11:43	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 11:43	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: TB073014-2
Date Collected: 07/30/14 07:25
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58973-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			07/31/14 11:43	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 11:43	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 11:43	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 11:43	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 11:43	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 11:43	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 11:43	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 11:43	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 11:43	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 11:43	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 11:43	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 11:43	1
2-Hexanone	ND		50		ug/L			07/31/14 11:43	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 11:43	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 11:43	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 11:43	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 11:43	1
Naphthalene	ND		1.0		ug/L			07/31/14 11:43	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 11:43	1
Styrene	ND		0.50		ug/L			07/31/14 11:43	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 11:43	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 11:43	1
Tetrachloroethene	ND		0.50		ug/L			07/31/14 11:43	1
Toluene	ND		0.50		ug/L			07/31/14 11:43	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 11:43	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 11:43	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 11:43	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 11:43	1
Trichloroethene	ND		0.50		ug/L			07/31/14 11:43	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 11:43	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 11:43	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 11:43	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 11:43	1
Vinyl acetate	ND		10		ug/L			08/01/14 17:12	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 11:43	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 11:43	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 11:43	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*07/31/14 11:43*	*1*
4-Bromofluorobenzene	*100*		*67 - 130*		*08/01/14 17:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*		*07/31/14 11:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 130*		*08/01/14 17:12*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*07/31/14 11:43*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/01/14 17:12*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-164110/4
Matrix: Water
Analysis Batch: 164110

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 08:51	1
Acetone	ND		50		ug/L			07/31/14 08:51	1
Benzene	ND		0.50		ug/L			07/31/14 08:51	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 08:51	1
Bromobenzene	ND		1.0		ug/L			07/31/14 08:51	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 08:51	1
Bromoform	ND		1.0		ug/L			07/31/14 08:51	1
Bromomethane	ND		1.0		ug/L			07/31/14 08:51	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 08:51	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 08:51	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 08:51	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 08:51	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 08:51	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 08:51	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 08:51	1
Chloroethane	ND		1.0		ug/L			07/31/14 08:51	1
Chloroform	ND		1.0		ug/L			07/31/14 08:51	1
Chloromethane	ND		1.0		ug/L			07/31/14 08:51	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 08:51	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 08:51	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 08:51	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 08:51	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 08:51	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 08:51	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 08:51	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 08:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 08:51	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 08:51	1
Dibromomethane	ND		0.50		ug/L			07/31/14 08:51	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 08:51	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 08:51	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 08:51	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 08:51	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 08:51	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 08:51	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 08:51	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 08:51	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 08:51	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 08:51	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 08:51	1
2-Hexanone	ND		50		ug/L			07/31/14 08:51	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 08:51	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 08:51	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 08:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 08:51	1
Naphthalene	ND		1.0		ug/L			07/31/14 08:51	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 08:51	1
Styrene	ND		0.50		ug/L			07/31/14 08:51	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-164110/4
Matrix: Water
Analysis Batch: 164110

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		ug/L			07/31/14 08:51	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 08:51	1
Tetrachloroethene	ND		0.50		ug/L			07/31/14 08:51	1
Toluene	ND		0.50		ug/L			07/31/14 08:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 08:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 08:51	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 08:51	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 08:51	1
Trichloroethene	ND		0.50		ug/L			07/31/14 08:51	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 08:51	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 08:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 08:51	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 08:51	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 08:51	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 08:51	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 08:51	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 08:51	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 08:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*07/31/14 08:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*		*07/31/14 08:51*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*07/31/14 08:51*	*1*

Lab Sample ID: LCS 720-164110/5
Matrix: Water
Analysis Batch: 164110

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	24.8		ug/L		99	62 - 130
Acetone	125	122		ug/L		98	26 - 180
Benzene	25.0	25.7		ug/L		103	79 - 130
Dichlorobromomethane	25.0	24.8		ug/L		99	70 - 130
Bromobenzene	25.0	24.6		ug/L		98	70 - 130
Chlorobromomethane	25.0	24.4		ug/L		98	70 - 130
Bromoform	25.0	25.7		ug/L		103	68 - 136
Bromomethane	25.0	21.8		ug/L		87	43 - 151
2-Butanone (MEK)	125	123		ug/L		99	54 - 130
n-Butylbenzene	25.0	28.2		ug/L		113	70 - 142
sec-Butylbenzene	25.0	27.4		ug/L		110	70 - 134
tert-Butylbenzene	25.0	26.7		ug/L		107	70 - 135
Carbon disulfide	25.0	25.8		ug/L		103	58 - 130
Carbon tetrachloride	25.0	25.0		ug/L		100	70 - 146
Chlorobenzene	25.0	25.2		ug/L		101	70 - 130
Chloroethane	25.0	21.9		ug/L		88	62 - 138
Chloroform	25.0	24.8		ug/L		99	70 - 130
Chloromethane	25.0	22.3		ug/L		89	52 - 175

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-164110/5
Matrix: Water
Analysis Batch: 164110

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	25.0	27.1		ug/L		109	70 - 130
4-Chlorotoluene	25.0	27.2		ug/L		109	70 - 130
Chlorodibromomethane	25.0	25.0		ug/L		100	70 - 145
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,3-Dichloropropane	25.0	25.3		ug/L		101	70 - 130
1,1-Dichloropropene	25.0	27.7		ug/L		111	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.0		ug/L		108	70 - 136
Ethylene Dibromide	25.0	25.4		ug/L		102	70 - 130
Dibromomethane	25.0	24.9		ug/L		100	70 - 130
Dichlorodifluoromethane	25.0	21.0		ug/L		84	34 - 132
1,1-Dichloroethane	25.0	25.9		ug/L		104	70 - 130
1,2-Dichloroethane	25.0	24.6		ug/L		98	61 - 132
1,1-Dichloroethene	25.0	22.1		ug/L		88	64 - 128
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	70 - 130
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	68 - 130
1,2-Dichloropropane	25.0	26.1		ug/L		104	70 - 130
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	70 - 130
trans-1,3-Dichloropropene	25.0	28.9		ug/L		116	70 - 140
Ethylbenzene	25.0	26.1		ug/L		104	80 - 120
Hexachlorobutadiene	25.0	25.1		ug/L		100	70 - 130
2-Hexanone	125	135		ug/L		108	60 - 164
Isopropylbenzene	25.0	26.4		ug/L		105	70 - 130
4-Isopropyltoluene	25.0	26.5		ug/L		106	70 - 130
Methylene Chloride	25.0	24.2		ug/L		97	70 - 147
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	58 - 130
Naphthalene	25.0	27.4		ug/L		110	70 - 130
N-Propylbenzene	25.0	28.0		ug/L		112	70 - 130
Styrene	25.0	26.1		ug/L		104	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.4		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	25.0	27.4		ug/L		110	70 - 130
Tetrachloroethene	25.0	24.2		ug/L		97	70 - 130
Toluene	25.0	25.7		ug/L		103	78 - 120
1,2,3-Trichlorobenzene	25.0	24.6		ug/L		99	70 - 130
1,2,4-Trichlorobenzene	25.0	25.4		ug/L		102	70 - 130
1,1,1-Trichloroethane	25.0	26.4		ug/L		105	70 - 130
1,1,2-Trichloroethane	25.0	25.5		ug/L		102	70 - 130
Trichloroethene	25.0	24.3		ug/L		97	70 - 130
Trichlorofluoromethane	25.0	26.1		ug/L		104	66 - 132
1,2,3-Trichloropropane	25.0	26.7		ug/L		107	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		91	42 - 162
1,2,4-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 132
1,3,5-Trimethylbenzene	25.0	27.5		ug/L		110	70 - 130
Vinyl chloride	25.0	21.4		ug/L		86	54 - 135
m-Xylene & p-Xylene	25.0	26.4		ug/L		106	70 - 142
o-Xylene	25.0	26.6		ug/L		106	70 - 130

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-164110/5
Matrix: Water
Analysis Batch: 164110

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	25.0	29.8		ug/L		119	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCS 720-164110/7
Matrix: Water
Analysis Batch: 164110

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	556		ug/L		111	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-164110/6
Matrix: Water
Analysis Batch: 164110

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
Methyl tert-butyl ether	25.0	23.3		ug/L		93	62 - 130	6	20
Acetone	125	110		ug/L		88	26 - 180	10	30
Benzene	25.0	25.6		ug/L		102	79 - 130	0	20
Dichlorobromomethane	25.0	24.4		ug/L		98	70 - 130	2	20
Bromobenzene	25.0	24.3		ug/L		97	70 - 130	1	20
Chlorobromomethane	25.0	23.8		ug/L		95	70 - 130	3	20
Bromoform	25.0	24.1		ug/L		97	68 - 136	6	20
Bromomethane	25.0	21.2		ug/L		85	43 - 151	3	20
2-Butanone (MEK)	125	111		ug/L		89	54 - 130	10	20
n-Butylbenzene	25.0	28.6		ug/L		114	70 - 142	1	20
sec-Butylbenzene	25.0	27.4		ug/L		109	70 - 134	0	20
tert-Butylbenzene	25.0	26.4		ug/L		106	70 - 135	1	20
Carbon disulfide	25.0	25.8		ug/L		103	58 - 130	0	20
Carbon tetrachloride	25.0	24.9		ug/L		99	70 - 146	0	20
Chlorobenzene	25.0	25.0		ug/L		100	70 - 130	1	20
Chloroethane	25.0	21.5		ug/L		86	62 - 138	2	20
Chloroform	25.0	24.7		ug/L		99	70 - 130	0	20
Chloromethane	25.0	22.1		ug/L		88	52 - 175	1	20
2-Chlorotoluene	25.0	27.3		ug/L		109	70 - 130	1	20
4-Chlorotoluene	25.0	27.4		ug/L		110	70 - 130	1	20
Chlorodibromomethane	25.0	24.0		ug/L		96	70 - 145	4	20
1,2-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130	1	20
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130	0	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-164110/6
Matrix: Water
Analysis Batch: 164110

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
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130	0	20
1,3-Dichloropropane	25.0	24.6		ug/L		98	70 - 130	3	20
1,1-Dichloropropene	25.0	27.5		ug/L		110	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	24.3		ug/L		97	70 - 136	10	20
Ethylene Dibromide	25.0	24.2		ug/L		97	70 - 130	5	20
Dibromomethane	25.0	23.9		ug/L		96	70 - 130	4	20
Dichlorodifluoromethane	25.0	20.7		ug/L		83	34 - 132	1	20
1,1-Dichloroethane	25.0	25.9		ug/L		104	70 - 130	0	20
1,2-Dichloroethane	25.0	24.0		ug/L		96	61 - 132	2	20
1,1-Dichloroethene	25.0	21.9		ug/L		88	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	24.8		ug/L		99	68 - 130	1	20
1,2-Dichloropropane	25.0	25.7		ug/L		103	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	26.4		ug/L		105	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	28.2		ug/L		113	70 - 140	3	20
Ethylbenzene	25.0	26.1		ug/L		105	80 - 120	0	20
Hexachlorobutadiene	25.0	25.9		ug/L		104	70 - 130	3	20
2-Hexanone	125	115		ug/L		92	60 - 164	16	20
Isopropylbenzene	25.0	26.4		ug/L		106	70 - 130	0	20
4-Isopropyltoluene	25.0	26.6		ug/L		106	70 - 130	0	20
Methylene Chloride	25.0	23.9		ug/L		96	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	58 - 130	15	20
Naphthalene	25.0	26.3		ug/L		105	70 - 130	4	20
N-Propylbenzene	25.0	28.0		ug/L		112	70 - 130	0	20
Styrene	25.0	26.2		ug/L		105	70 - 130	0	20
1,1,1,2-Tetrachloroethane	25.0	24.0		ug/L		96	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	25.3		ug/L		101	70 - 130	8	20
Tetrachloroethene	25.0	24.1		ug/L		96	70 - 130	1	20
Toluene	25.0	25.9		ug/L		104	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	24.3		ug/L		97	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	70 - 130	2	20
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	70 - 130	0	20
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	70 - 130	5	20
Trichloroethene	25.0	24.2		ug/L		97	70 - 130	0	20
Trichlorofluoromethane	25.0	25.8		ug/L		103	66 - 132	1	20
1,2,3-Trichloropropane	25.0	24.4		ug/L		98	70 - 130	9	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.3		ug/L		89	42 - 162	2	20
1,2,4-Trimethylbenzene	25.0	26.8		ug/L		107	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	27.5		ug/L		110	70 - 130	0	20
Vinyl chloride	25.0	21.1		ug/L		84	54 - 135	2	20
m-Xylene & p-Xylene	25.0	26.4		ug/L		106	70 - 142	0	20
o-Xylene	25.0	26.4		ug/L		106	70 - 130	1	20
2,2-Dichloropropane	25.0	30.6		ug/L		122	70 - 140	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-164110/6
Matrix: Water
Analysis Batch: 164110

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 720-164110/8
Matrix: Water
Analysis Batch: 164110

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
Gasoline Range Organics (GRO) -C5-C12	500	561		ug/L		112	62 - 120	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 720-58974-A-3 MS
Matrix: Water
Analysis Batch: 164110

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	ND		25.0	26.6		ug/L		106	60 - 138
Acetone	ND		125	107		ug/L		86	60 - 140
Benzene	ND		25.0	25.8		ug/L		103	60 - 140
Dichlorobromomethane	ND		25.0	26.5		ug/L		106	60 - 140
Bromobenzene	ND		25.0	24.6		ug/L		98	60 - 140
Chlorobromomethane	ND		25.0	25.8		ug/L		103	60 - 140
Bromoform	ND		25.0	25.4		ug/L		102	56 - 140
Bromomethane	ND		25.0	20.2		ug/L		81	23 - 140
2-Butanone (MEK)	ND		125	112		ug/L		90	60 - 140
n-Butylbenzene	ND		25.0	26.1		ug/L		104	60 - 140
sec-Butylbenzene	ND		25.0	25.3		ug/L		101	60 - 140
tert-Butylbenzene	ND		25.0	24.7		ug/L		99	60 - 140
Carbon disulfide	ND		25.0	24.1		ug/L		97	38 - 140
Carbon tetrachloride	ND		25.0	23.7		ug/L		95	60 - 140
Chlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140
Chloroethane	ND		25.0	20.5		ug/L		82	51 - 140
Chloroform	ND		25.0	25.6		ug/L		102	60 - 140
Chloromethane	ND		25.0	19.6		ug/L		79	52 - 140
2-Chlorotoluene	ND		25.0	26.2		ug/L		105	60 - 140
4-Chlorotoluene	ND		25.0	26.5		ug/L		106	60 - 140
Chlorodibromomethane	ND		25.0	26.9		ug/L		108	60 - 140
1,2-Dichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.2		ug/L		101	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140
1,3-Dichloropropane	ND		25.0	27.1		ug/L		108	60 - 140
1,1-Dichloropropene	ND		25.0	26.1		ug/L		104	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	24.6		ug/L		98	60 - 140
Ethylene Dibromide	ND		25.0	26.6		ug/L		107	60 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-A-3 MS
Matrix: Water
Analysis Batch: 164110

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromomethane	ND		25.0	25.9		ug/L		103	60 - 140
Dichlorodifluoromethane	ND		25.0	18.8		ug/L		75	38 - 140
1,1-Dichloroethane	ND		25.0	26.0		ug/L		104	60 - 140
1,2-Dichloroethane	ND		25.0	25.9		ug/L		103	60 - 140
1,1-Dichloroethene	ND		25.0	21.0		ug/L		84	60 - 140
cis-1,2-Dichloroethene	3.0		25.0	29.4		ug/L		105	60 - 140
trans-1,2-Dichloroethene	ND		25.0	24.4		ug/L		97	60 - 140
1,2-Dichloropropane	ND		25.0	27.6		ug/L		110	60 - 140
cis-1,3-Dichloropropene	ND		25.0	28.4		ug/L		114	60 - 140
trans-1,3-Dichloropropene	ND		25.0	30.9		ug/L		124	60 - 140
Ethylbenzene	ND		25.0	24.9		ug/L		100	60 - 140
Hexachlorobutadiene	ND		25.0	23.7		ug/L		95	60 - 140
2-Hexanone	ND		125	125		ug/L		100	60 - 140
Isopropylbenzene	ND		25.0	24.9		ug/L		100	60 - 140
4-Isopropyltoluene	ND		25.0	24.8		ug/L		99	60 - 140
Methylene Chloride	ND		25.0	24.8		ug/L		99	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	129		ug/L		103	58 - 130
Naphthalene	ND		25.0	26.8		ug/L		107	56 - 140
N-Propylbenzene	ND		25.0	25.9		ug/L		103	60 - 140
Styrene	ND		25.0	26.5		ug/L		106	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	24.9		ug/L		100	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	26.0		ug/L		104	60 - 140
Tetrachloroethene	5.4		25.0	27.6		ug/L		89	60 - 140
Toluene	ND		25.0	24.8		ug/L		99	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	25.4		ug/L		102	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.3		ug/L		105	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.2		ug/L		101	60 - 140
1,1,2-Trichloroethane	ND		25.0	27.0		ug/L		108	60 - 140
Trichloroethene	13		25.0	35.3		ug/L		91	60 - 140
Trichlorofluoromethane	ND		25.0	23.6		ug/L		94	60 - 140
1,2,3-Trichloropropane	ND		25.0	25.1		ug/L		100	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.1		ug/L		84	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.3		ug/L		105	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	26.2		ug/L		105	60 - 140
Vinyl chloride	ND		25.0	19.4		ug/L		78	58 - 140
m-Xylene & p-Xylene	ND		25.0	25.6		ug/L		102	60 - 140
o-Xylene	ND		25.0	26.2		ug/L		105	60 - 140
2,2-Dichloropropane	ND		25.0	26.9		ug/L		107	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-A-3 MSD
Matrix: Water
Analysis Batch: 164110

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	27.4		ug/L		110	60 - 138	3	20
Acetone	ND		125	112		ug/L		90	60 - 140	5	20
Benzene	ND		25.0	26.1		ug/L		104	60 - 140	1	20
Dichlorobromomethane	ND		25.0	26.8		ug/L		107	60 - 140	1	20
Bromobenzene	ND		25.0	24.6		ug/L		98	60 - 140	0	20
Chlorobromomethane	ND		25.0	26.0		ug/L		104	60 - 140	1	20
Bromoform	ND		25.0	26.1		ug/L		104	56 - 140	2	20
Bromomethane	ND		25.0	20.1		ug/L		80	23 - 140	1	20
2-Butanone (MEK)	ND		125	116		ug/L		92	60 - 140	3	20
n-Butylbenzene	ND		25.0	26.0		ug/L		104	60 - 140	1	20
sec-Butylbenzene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
tert-Butylbenzene	ND		25.0	24.8		ug/L		99	60 - 140	0	20
Carbon disulfide	ND		25.0	24.5		ug/L		98	38 - 140	1	20
Carbon tetrachloride	ND		25.0	23.9		ug/L		96	60 - 140	1	20
Chlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140	0	20
Chloroethane	ND		25.0	20.7		ug/L		83	51 - 140	1	20
Chloroform	ND		25.0	25.8		ug/L		103	60 - 140	1	20
Chloromethane	ND		25.0	19.6		ug/L		78	52 - 140	0	20
2-Chlorotoluene	ND		25.0	25.8		ug/L		103	60 - 140	2	20
4-Chlorotoluene	ND		25.0	26.3		ug/L		105	60 - 140	1	20
Chlorodibromomethane	ND		25.0	27.2		ug/L		109	60 - 140	1	20
1,2-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	27.4		ug/L		110	60 - 140	1	20
1,1-Dichloropropene	ND		25.0	26.4		ug/L		106	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.4		ug/L		102	60 - 140	3	20
Ethylene Dibromide	ND		25.0	27.2		ug/L		109	60 - 140	2	20
Dibromomethane	ND		25.0	26.2		ug/L		105	60 - 140	1	20
Dichlorodifluoromethane	ND		25.0	18.9		ug/L		75	38 - 140	0	20
1,1-Dichloroethane	ND		25.0	26.2		ug/L		105	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	60 - 140	1	20
1,1-Dichloroethene	ND		25.0	21.2		ug/L		85	60 - 140	1	20
cis-1,2-Dichloroethene	3.0		25.0	29.9		ug/L		107	60 - 140	2	20
trans-1,2-Dichloroethene	ND		25.0	24.7		ug/L		98	60 - 140	1	20
1,2-Dichloropropane	ND		25.0	27.7		ug/L		111	60 - 140	1	20
cis-1,3-Dichloropropene	ND		25.0	28.9		ug/L		115	60 - 140	2	20
trans-1,3-Dichloropropene	ND		25.0	31.6		ug/L		126	60 - 140	2	20
Ethylbenzene	ND		25.0	24.8		ug/L		99	60 - 140	0	20
Hexachlorobutadiene	ND		25.0	24.2		ug/L		97	60 - 140	2	20
2-Hexanone	ND		125	132		ug/L		105	60 - 140	5	20
Isopropylbenzene	ND		25.0	25.0		ug/L		100	60 - 140	0	20
4-Isopropyltoluene	ND		25.0	24.7		ug/L		99	60 - 140	0	20
Methylene Chloride	ND		25.0	25.1		ug/L		100	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	135		ug/L		108	58 - 130	4	20
Naphthalene	ND		25.0	27.6		ug/L		110	56 - 140	3	20
N-Propylbenzene	ND		25.0	25.8		ug/L		103	60 - 140	0	20
Styrene	ND		25.0	26.3		ug/L		105	60 - 140	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-A-3 MSD
Matrix: Water
Analysis Batch: 164110

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		25.0	24.7		ug/L		99	60 - 140	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	26.5		ug/L		106	60 - 140	2	20
Tetrachloroethene	5.4		25.0	28.9		ug/L		94	60 - 140	5	20
Toluene	ND		25.0	24.7		ug/L		99	60 - 140	0	20
1,2,3-Trichlorobenzene	ND		25.0	26.0		ug/L		104	60 - 140	2	20
1,2,4-Trichlorobenzene	ND		25.0	26.5		ug/L		106	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	25.7		ug/L		103	60 - 140	2	20
1,1,2-Trichloroethane	ND		25.0	27.5		ug/L		110	60 - 140	2	20
Trichloroethene	13		25.0	36.9		ug/L		97	60 - 140	4	20
Trichlorofluoromethane	ND		25.0	23.9		ug/L		96	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	25.6		ug/L		102	60 - 140	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.4		ug/L		86	60 - 140	2	20
1,2,4-Trimethylbenzene	ND		25.0	26.0		ug/L		104	60 - 140	1	20
1,3,5-Trimethylbenzene	ND		25.0	26.1		ug/L		104	60 - 140	1	20
Vinyl chloride	ND		25.0	19.2		ug/L		77	58 - 140	1	20
m-Xylene & p-Xylene	ND		25.0	25.5		ug/L		102	60 - 140	0	20
o-Xylene	ND		25.0	26.2		ug/L		105	60 - 140	0	20
2,2-Dichloropropane	ND		25.0	26.9		ug/L		108	60 - 140	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 720-164180/4
Matrix: Water
Analysis Batch: 164180

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		10		ug/L			08/01/14 09:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*		*08/01/14 09:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 130*		*08/01/14 09:03*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/01/14 09:03*	*1*

Lab Sample ID: LCS 720-164180/5
Matrix: Water
Analysis Batch: 164180

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl acetate	25.0	20.5		ug/L		82	43 - 163

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-164180/5
Matrix: Water
Analysis Batch: 164180

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 720-164180/6
Matrix: Water
Analysis Batch: 164180

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
Vinyl acetate	25.0	22.5		ug/L		90	43 - 163	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	106		67 - 130
1,2-Dichloroethane-d4 (Surr)	97		72 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: 720-58896-B-2 MS
Matrix: Water
Analysis Batch: 164180

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl acetate	ND		50000	46000		ug/L		92	40 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	104		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: 720-58896-B-2 MSD
Matrix: Water
Analysis Batch: 164180

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl acetate	ND		50000	44900		ug/L		90	40 - 140	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	104		67 - 130
1,2-Dichloroethane-d4 (Surr)	98		72 - 130
Toluene-d8 (Surr)	101		70 - 130

QC Association Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58973-1

GC/MS VOA

Analysis Batch: 164110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-58973-1	MP-04-1	Total/NA	Water	8260B/CA_LUFT MS	
720-58973-2	MP-04-2	Total/NA	Water	8260B/CA_LUFT MS	
720-58973-3	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-58973-4	TB073014-1	Total/NA	Water	8260B/CA_LUFT MS	
720-58973-5	TB073014-2	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-A-3 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-164110/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-164110/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-164110/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-164110/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-164110/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 164180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-58896-B-2 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
720-58896-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
720-58973-1	MP-04-1	Total/NA	Water	8260B/CA_LUFT MS	
720-58973-2	MP-04-2	Total/NA	Water	8260B/CA_LUFT MS	
720-58973-3	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-58973-4	TB073014-1	Total/NA	Water	8260B/CA_LUFT MS	
720-58973-5	TB073014-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-164180/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-164180/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-164180/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58973-1

Client Sample ID: MP-04-1

Lab Sample ID: 720-58973-1

Date Collected: 07/30/14 13:15
Matrix: Water
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 13:37	ASC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	164180	08/01/14 15:16	PDR	TAL PLS

Client Sample ID: MP-04-2

Lab Sample ID: 720-58973-2

Date Collected: 07/30/14 12:55
Matrix: Water
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 14:06	ASC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	164180	08/01/14 15:45	PDR	TAL PLS

Client Sample ID: MP-04-3

Lab Sample ID: 720-58973-3

Date Collected: 07/30/14 08:05
Matrix: Water
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 14:35	ASC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	164180	08/01/14 16:14	PDR	TAL PLS

Client Sample ID: TB073014-1

Lab Sample ID: 720-58973-4

Date Collected: 07/30/14 07:30
Matrix: Water
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 11:14	ASC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	164180	08/01/14 16:43	PDR	TAL PLS

Client Sample ID: TB073014-2

Lab Sample ID: 720-58973-5

Date Collected: 07/30/14 07:25
Matrix: Water
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 11:43	ASC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	164180	08/01/14 17:12	PDR	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58973-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58973-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS

Protocol References:

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

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58973-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-58973-1	MP-04-1	Water	07/30/14 13:15	07/30/14 15:55
720-58973-2	MP-04-2	Water	07/30/14 12:55	07/30/14 15:55
720-58973-3	MP-04-3	Water	07/30/14 08:05	07/30/14 15:55
720-58973-4	TB073014-1	Water	07/30/14 07:30	07/30/14 15:55
720-58973-5	TB073014-2	Water	07/30/14 07:25	07/30/14 15:55

OAK 17889

CHAIN-OF-CUSTODY RECORD

PROJECT NAME: Crown Chevrolet Cadillac Isuzu

DATE: 7/30/14 PAGE 1 OF 1

PROJECT NUMBER: 08161600708.00005.B

RESULTS TO: avery.whitmarsh@amec.com david.albutt@amec.com

TURNAROUND TIME: standard

SAMPLE SHIPMENT METHOD: Delivered to lab

LABORATORY NAME: TA

LABORATORY ADDRESS:

LABORATORY CONTACT:

LABORATORY PHONE NUMBER:

CLIENT INFORMATION: AMEC
David Albutt
510-847-8411

720-58973

REPORTING REQUIREMENTS: 155303

GEOTRACKER REQUIRED: YES NO

SITE SPECIFIC GLOBAL ID NO. SL720641124

SAMPLERS (SIGNATURE): David Albutt

	DATE	TIME	SAMPLE NUMBER	VOCs + TPHg (8260B)	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1	7/30/14	1315	MP-04-1	X	40 ml VOA	W		HCl	Y		3	
2		1255	MP-04-2	X								
3		0805	MP-04-3	X								
4		0730	TB073014-1	X								
5		0725	TB073014-2	X								

720-58973 Chain of Custody

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: David Albutt	7/30/14	1555	SIGNATURE: Tim Muller	7/30/14	1555
PRINTED NAME: David Albutt			PRINTED NAME: Muller		
COMPANY: AMEC			COMPANY: CalAmp		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS:

PO# CO1220331

4.6°

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

amec

8/6/2014

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-58973-1

Login Number: 58973
List Number: 1
Creator: Bullock, Tracy

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-58974-1
Client Project/Site: Crown Chevrolet Cadillac Isuzu

For:
AMEC Environment & Infrastructure, Inc.
180 Grand Avenue
Suite 1100
Oakland, California 94612

Attn: Avery Whitmarsh

Authorized for release by:
8/6/2014 3:13:47 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

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

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

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)

Job ID: 720-58974-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-58974-1

Comments
No additional comments.

Receipt
The samples were received on 7/30/2014 3:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6° C.

GC/MS VOA
Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following samples is due to the presence of discrete peaks: MP-01-1 (720-58974-5), MW-01 (720-58974-1), MW-100 (720-58974-2). PCE

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample MP-02-1 (720-58974-8) is due to the presence of discrete peaks: TCE

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sampleMP-03-1(720- 58974-11) is due to the presence of discrete peaks: PCE

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

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58974-1

Client Sample ID: MW-01 — Lab Sample ID: 720-58974-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	100		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	0.89		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	100	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-100 — Lab Sample ID: 720-58974-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	100		1.0		ug/L	2		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	110	R	100		ug/L	2		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-02 — Lab Sample ID: 720-58974-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	5.4		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	13		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-03 — Lab Sample ID: 720-58974-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.3		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
1,2-Dichlorobenzene	2.1		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	9.4		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	0.62		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-01-1 — Lab Sample ID: 720-58974-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	77		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	15		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	91	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-01-2 — Lab Sample ID: 720-58974-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	49		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58974-1

Client Sample ID: MP-01-3 — Lab Sample ID: 720-58974-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.4		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-1 — Lab Sample ID: 720-58974-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.2		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
trans-1,2-Dichloroethene	1.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	0.86		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	51		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	64	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-2 — Lab Sample ID: 720-58974-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	72		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-3 — Lab Sample ID: 720-58974-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	180		50		ug/L	1		8260B/CA_LUFT MS	Total/NA
cis-1,2-Dichloroethene	5.2		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-03-1 — Lab Sample ID: 720-58974-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.74		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	94		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	9.5		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	110	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-03-2 — Lab Sample ID: 720-58974-12

No Detections.

Client Sample ID: MP-03-3 — Lab Sample ID: 720-58974-13

No Detections.

This Detection Summary does not include radiochemical test results.

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58974-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MW-01
Date Collected: 07/30/14 11:35
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 15:03	1
Acetone	ND		50		ug/L			07/31/14 15:03	1
Benzene	ND		0.50		ug/L			07/31/14 15:03	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 15:03	1
Bromobenzene	ND		1.0		ug/L			07/31/14 15:03	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 15:03	1
Bromoform	ND		1.0		ug/L			07/31/14 15:03	1
Bromomethane	ND		1.0		ug/L			07/31/14 15:03	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 15:03	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 15:03	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 15:03	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 15:03	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 15:03	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 15:03	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 15:03	1
Chloroethane	ND		1.0		ug/L			07/31/14 15:03	1
Chloroform	ND		1.0		ug/L			07/31/14 15:03	1
Chloromethane	ND		1.0		ug/L			07/31/14 15:03	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 15:03	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 15:03	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 15:03	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 15:03	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 15:03	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 15:03	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 15:03	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 15:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 15:03	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 15:03	1
Dibromomethane	ND		0.50		ug/L			07/31/14 15:03	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 15:03	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 15:03	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 15:03	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 15:03	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 15:03	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 15:03	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 15:03	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 15:03	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 15:03	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 15:03	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 15:03	1
2-Hexanone	ND		50		ug/L			07/31/14 15:03	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 15:03	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 15:03	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 15:03	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 15:03	1
Naphthalene	ND		1.0		ug/L			07/31/14 15:03	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 15:03	1
Styrene	ND		0.50		ug/L			07/31/14 15:03	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 15:03	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-01
Date Collected: 07/30/14 11:35
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 15:03	1
Tetrachloroethene	**100**		0.50		ug/L			07/31/14 15:03	1
Toluene	ND		0.50		ug/L			07/31/14 15:03	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 15:03	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 15:03	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 15:03	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 15:03	1
Trichloroethene	**0.89**		0.50		ug/L			07/31/14 15:03	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 15:03	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 15:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 15:03	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 15:03	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 15:03	1
Vinyl acetate	ND		10		ug/L			08/04/14 15:12	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 15:03	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 15:03	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 15:03	1
Gasoline Range Organics (GRO) -C5-C12	**100**		50		ug/L			07/31/14 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*07/31/14 15:03*	*1*
4-Bromofluorobenzene	*101*		*67 - 130*		*08/04/14 15:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*07/31/14 15:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*72 - 130*		*08/04/14 15:12*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*07/31/14 15:03*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/04/14 15:12*	*1*

Client Sample ID: MW-100
Date Collected: 07/30/14 11:40
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0		ug/L			07/31/14 15:32	2
Acetone	ND		100		ug/L			07/31/14 15:32	2
Benzene	ND		1.0		ug/L			07/31/14 15:32	2
Dichlorobromomethane	ND		1.0		ug/L			07/31/14 15:32	2
Bromobenzene	ND		2.0		ug/L			07/31/14 15:32	2
Chlorobromomethane	ND		2.0		ug/L			07/31/14 15:32	2
Bromoform	ND		2.0		ug/L			07/31/14 15:32	2
Bromomethane	ND		2.0		ug/L			07/31/14 15:32	2
2-Butanone (MEK)	ND		100		ug/L			07/31/14 15:32	2
n-Butylbenzene	ND		2.0		ug/L			07/31/14 15:32	2
sec-Butylbenzene	ND		2.0		ug/L			07/31/14 15:32	2
tert-Butylbenzene	ND		2.0		ug/L			07/31/14 15:32	2
Carbon disulfide	ND		10		ug/L			07/31/14 15:32	2
Carbon tetrachloride	ND		1.0		ug/L			07/31/14 15:32	2
Chlorobenzene	ND		1.0		ug/L			07/31/14 15:32	2
Chloroethane	ND		2.0		ug/L			07/31/14 15:32	2
Chloroform	ND		2.0		ug/L			07/31/14 15:32	2
Chloromethane	ND		2.0		ug/L			07/31/14 15:32	2

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-100
Date Collected: 07/30/14 11:40
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.0		ug/L			07/31/14 15:32	2
4-Chlorotoluene	ND		1.0		ug/L			07/31/14 15:32	2
Chlorodibromomethane	ND		1.0		ug/L			07/31/14 15:32	2
1,2-Dichlorobenzene	ND		1.0		ug/L			07/31/14 15:32	2
1,3-Dichlorobenzene	ND		1.0		ug/L			07/31/14 15:32	2
1,4-Dichlorobenzene	ND		1.0		ug/L			07/31/14 15:32	2
1,3-Dichloropropane	ND		2.0		ug/L			07/31/14 15:32	2
1,1-Dichloropropene	ND		1.0		ug/L			07/31/14 15:32	2
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			07/31/14 15:32	2
Ethylene Dibromide	ND		1.0		ug/L			07/31/14 15:32	2
Dibromomethane	ND		1.0		ug/L			07/31/14 15:32	2
Dichlorodifluoromethane	ND		1.0		ug/L			07/31/14 15:32	2
1,1-Dichloroethane	ND		1.0		ug/L			07/31/14 15:32	2
1,2-Dichloroethane	ND		1.0		ug/L			07/31/14 15:32	2
1,1-Dichloroethene	ND		1.0		ug/L			07/31/14 15:32	2
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/31/14 15:32	2
trans-1,2-Dichloroethene	ND		1.0		ug/L			07/31/14 15:32	2
1,2-Dichloropropane	ND		1.0		ug/L			07/31/14 15:32	2
cis-1,3-Dichloropropene	ND		1.0		ug/L			07/31/14 15:32	2
trans-1,3-Dichloropropene	ND		1.0		ug/L			07/31/14 15:32	2
Ethylbenzene	ND		1.0		ug/L			07/31/14 15:32	2
Hexachlorobutadiene	ND		2.0		ug/L			07/31/14 15:32	2
2-Hexanone	ND		100		ug/L			07/31/14 15:32	2
Isopropylbenzene	ND		1.0		ug/L			07/31/14 15:32	2
4-Isopropyltoluene	ND		2.0		ug/L			07/31/14 15:32	2
Methylene Chloride	ND		10		ug/L			07/31/14 15:32	2
4-Methyl-2-pentanone (MIBK)	ND		100		ug/L			07/31/14 15:32	2
Naphthalene	ND		2.0		ug/L			07/31/14 15:32	2
N-Propylbenzene	ND		2.0		ug/L			07/31/14 15:32	2
Styrene	ND		1.0		ug/L			07/31/14 15:32	2
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			07/31/14 15:32	2
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			07/31/14 15:32	2
Tetrachloroethene	**100**		1.0		ug/L			07/31/14 15:32	2
Toluene	ND		1.0		ug/L			07/31/14 15:32	2
1,2,3-Trichlorobenzene	ND		2.0		ug/L			07/31/14 15:32	2
1,2,4-Trichlorobenzene	ND		2.0		ug/L			07/31/14 15:32	2
1,1,1-Trichloroethane	ND		1.0		ug/L			07/31/14 15:32	2
1,1,2-Trichloroethane	ND		1.0		ug/L			07/31/14 15:32	2
Trichloroethene	ND		1.0		ug/L			07/31/14 15:32	2
Trichlorofluoromethane	ND		2.0		ug/L			07/31/14 15:32	2
1,2,3-Trichloropropane	ND		1.0		ug/L			07/31/14 15:32	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			07/31/14 15:32	2
1,2,4-Trimethylbenzene	ND		1.0		ug/L			07/31/14 15:32	2
1,3,5-Trimethylbenzene	ND		1.0		ug/L			07/31/14 15:32	2
Vinyl acetate	ND		20		ug/L			08/04/14 15:41	2
Vinyl chloride	ND		1.0		ug/L			07/31/14 15:32	2
Xylenes, Total	ND		2.0		ug/L			07/31/14 15:32	2
2,2-Dichloropropane	ND		1.0		ug/L			07/31/14 15:32	2
Gasoline Range Organics (GRO) -C5-C12	**110**		100		ug/L			07/31/14 15:32	2

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*99*		*67 - 130*		*07/31/14 15:32*	*2*
4-Bromofluorobenzene	*105*		*67 - 130*		*08/04/14 15:41*	*2*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 130*		*07/31/14 15:32*	*2*
1,2-Dichloroethane-d4 (Surr)	*119*		*72 - 130*		*08/04/14 15:41*	*2*
Toluene-d8 (Surr)	*99*		*70 - 130*		*07/31/14 15:32*	*2*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/04/14 15:41*	*2*

Client Sample ID: MW-02
Date Collected: 07/30/14 07:58
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 13:08	1
Acetone	ND		50		ug/L			07/31/14 13:08	1
Benzene	ND		0.50		ug/L			07/31/14 13:08	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 13:08	1
Bromobenzene	ND		1.0		ug/L			07/31/14 13:08	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 13:08	1
Bromoform	ND		1.0		ug/L			07/31/14 13:08	1
Bromomethane	ND		1.0		ug/L			07/31/14 13:08	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 13:08	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 13:08	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 13:08	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 13:08	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 13:08	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 13:08	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 13:08	1
Chloroethane	ND		1.0		ug/L			07/31/14 13:08	1
Chloroform	ND		1.0		ug/L			07/31/14 13:08	1
Chloromethane	ND		1.0		ug/L			07/31/14 13:08	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 13:08	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 13:08	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 13:08	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 13:08	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 13:08	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 13:08	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 13:08	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 13:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 13:08	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 13:08	1
Dibromomethane	ND		0.50		ug/L			07/31/14 13:08	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 13:08	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 13:08	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 13:08	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 13:08	1
cis-1,2-Dichloroethene	**3.0**		0.50		ug/L			07/31/14 13:08	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 13:08	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 13:08	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 13:08	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 13:08	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 13:08	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 13:08	1
2-Hexanone	ND		50		ug/L			07/31/14 13:08	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-02
Date Collected: 07/30/14 07:58
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.50		ug/L			07/31/14 13:08	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 13:08	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 13:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 13:08	1
Naphthalene	ND		1.0		ug/L			07/31/14 13:08	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 13:08	1
Styrene	ND		0.50		ug/L			07/31/14 13:08	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 13:08	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 13:08	1
Tetrachloroethene	**5.4**		0.50		ug/L			07/31/14 13:08	1
Toluene	ND		0.50		ug/L			07/31/14 13:08	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 13:08	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 13:08	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 13:08	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 13:08	1
Trichloroethene	**13**		0.50		ug/L			07/31/14 13:08	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 13:08	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 13:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 13:08	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 13:08	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 13:08	1
Vinyl acetate	ND		10		ug/L			08/04/14 14:14	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 13:08	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 13:08	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 13:08	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*		*07/31/14 13:08*	*1*
4-Bromofluorobenzene	*101*		*67 - 130*		*08/04/14 14:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 130*		*07/31/14 13:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*72 - 130*		*08/04/14 14:14*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*07/31/14 13:08*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/04/14 14:14*	*1*

Client Sample ID: MW-03
Date Collected: 07/30/14 13:30
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 16:01	1
Acetone	ND		50		ug/L			07/31/14 16:01	1
Benzene	ND		0.50		ug/L			07/31/14 16:01	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 16:01	1
Bromobenzene	ND		1.0		ug/L			07/31/14 16:01	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 16:01	1
Bromoform	ND		1.0		ug/L			07/31/14 16:01	1
Bromomethane	ND		1.0		ug/L			07/31/14 16:01	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 16:01	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 16:01	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-03
Date Collected: 07/30/14 13:30
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 16:01	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 16:01	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 16:01	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 16:01	1
Chlorobenzene	**1.3**		0.50		ug/L			07/31/14 16:01	1
Chloroethane	ND		1.0		ug/L			07/31/14 16:01	1
Chloroform	ND		1.0		ug/L			07/31/14 16:01	1
Chloromethane	ND		1.0		ug/L			07/31/14 16:01	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 16:01	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 16:01	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 16:01	1
1,2-Dichlorobenzene	**2.1**		0.50		ug/L			07/31/14 16:01	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 16:01	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 16:01	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 16:01	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 16:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 16:01	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 16:01	1
Dibromomethane	ND		0.50		ug/L			07/31/14 16:01	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 16:01	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 16:01	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 16:01	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 16:01	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 16:01	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 16:01	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 16:01	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 16:01	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 16:01	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 16:01	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 16:01	1
2-Hexanone	ND		50		ug/L			07/31/14 16:01	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 16:01	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 16:01	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 16:01	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 16:01	1
Naphthalene	ND		1.0		ug/L			07/31/14 16:01	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 16:01	1
Styrene	ND		0.50		ug/L			07/31/14 16:01	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 16:01	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 16:01	1
Tetrachloroethene	**9.4**		0.50		ug/L			07/31/14 16:01	1
Toluene	ND		0.50		ug/L			07/31/14 16:01	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 16:01	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 16:01	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 16:01	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 16:01	1
Trichloroethene	**0.62**		0.50		ug/L			07/31/14 16:01	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 16:01	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 16:01	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-03
Date Collected: 07/30/14 13:30
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 16:01	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 16:01	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 16:01	1
Vinyl acetate	ND		10		ug/L			08/04/14 16:10	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 16:01	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 16:01	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 16:01	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*07/31/14 16:01*	*1*
4-Bromofluorobenzene	*102*		*67 - 130*		*08/04/14 16:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 130*		*07/31/14 16:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*72 - 130*		*08/04/14 16:10*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*07/31/14 16:01*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/04/14 16:10*	*1*

Client Sample ID: MP-01-1
Date Collected: 07/30/14 11:53
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 16:30	1
Acetone	ND		50		ug/L			07/31/14 16:30	1
Benzene	ND		0.50		ug/L			07/31/14 16:30	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 16:30	1
Bromobenzene	ND		1.0		ug/L			07/31/14 16:30	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 16:30	1
Bromoform	ND		1.0		ug/L			07/31/14 16:30	1
Bromomethane	ND		1.0		ug/L			07/31/14 16:30	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 16:30	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 16:30	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 16:30	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 16:30	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 16:30	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 16:30	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 16:30	1
Chloroethane	ND		1.0		ug/L			07/31/14 16:30	1
Chloroform	ND		1.0		ug/L			07/31/14 16:30	1
Chloromethane	ND		1.0		ug/L			07/31/14 16:30	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 16:30	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 16:30	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 16:30	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 16:30	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 16:30	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 16:30	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 16:30	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 16:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 16:30	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 16:30	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-1
Date Collected: 07/30/14 11:53
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			07/31/14 16:30	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 16:30	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 16:30	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 16:30	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 16:30	1
cis-1,2-Dichloroethene	**3.0**		0.50		ug/L			07/31/14 16:30	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 16:30	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 16:30	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 16:30	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 16:30	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 16:30	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 16:30	1
2-Hexanone	ND		50		ug/L			07/31/14 16:30	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 16:30	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 16:30	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 16:30	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 16:30	1
Naphthalene	ND		1.0		ug/L			07/31/14 16:30	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 16:30	1
Styrene	ND		0.50		ug/L			07/31/14 16:30	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 16:30	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 16:30	1
Tetrachloroethene	**77**		0.50		ug/L			07/31/14 16:30	1
Toluene	ND		0.50		ug/L			07/31/14 16:30	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 16:30	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 16:30	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 16:30	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 16:30	1
Trichloroethene	**15**		0.50		ug/L			07/31/14 16:30	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 16:30	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 16:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 16:30	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 16:30	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 16:30	1
Vinyl acetate	ND		10		ug/L			08/04/14 16:40	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 16:30	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 16:30	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 16:30	1
Gasoline Range Organics (GRO) -C5-C12	**91**		50		ug/L			07/31/14 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*07/31/14 16:30*	*1*
4-Bromofluorobenzene	*103*		*67 - 130*		*08/04/14 16:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*		*07/31/14 16:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*72 - 130*		*08/04/14 16:40*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*07/31/14 16:30*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/04/14 16:40*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MP-01-2
Date Collected: 07/30/14 12:51
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 16:59	1
Acetone	ND		50		ug/L			07/31/14 16:59	1
Benzene	ND		0.50		ug/L			07/31/14 16:59	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 16:59	1
Bromobenzene	ND		1.0		ug/L			07/31/14 16:59	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 16:59	1
Bromoform	ND		1.0		ug/L			07/31/14 16:59	1
Bromomethane	ND		1.0		ug/L			07/31/14 16:59	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 16:59	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 16:59	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 16:59	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 16:59	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 16:59	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 16:59	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 16:59	1
Chloroethane	ND		1.0		ug/L			07/31/14 16:59	1
Chloroform	ND		1.0		ug/L			07/31/14 16:59	1
Chloromethane	ND		1.0		ug/L			07/31/14 16:59	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 16:59	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 16:59	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 16:59	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 16:59	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 16:59	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 16:59	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 16:59	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 16:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 16:59	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 16:59	1
Dibromomethane	ND		0.50		ug/L			07/31/14 16:59	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 16:59	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 16:59	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 16:59	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 16:59	1
cis-1,2-Dichloroethene	**49**		0.50		ug/L			07/31/14 16:59	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 16:59	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 16:59	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 16:59	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 16:59	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 16:59	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 16:59	1
2-Hexanone	ND		50		ug/L			07/31/14 16:59	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 16:59	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 16:59	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 16:59	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 16:59	1
Naphthalene	ND		1.0		ug/L			07/31/14 16:59	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 16:59	1
Styrene	ND		0.50		ug/L			07/31/14 16:59	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 16:59	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-2
Date Collected: 07/30/14 12:51
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 16:59	1
Tetrachloroethene	ND		0.50		ug/L			07/31/14 16:59	1
Toluene	ND		0.50		ug/L			07/31/14 16:59	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 16:59	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 16:59	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 16:59	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 16:59	1
Trichloroethene	ND		0.50		ug/L			07/31/14 16:59	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 16:59	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 16:59	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 16:59	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 16:59	1
Vinyl acetate	ND		10		ug/L			08/04/14 17:09	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 16:59	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 16:59	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 16:59	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*07/31/14 16:59*	*1*
4-Bromofluorobenzene	*102*		*67 - 130*		*08/04/14 17:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*07/31/14 16:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*72 - 130*		*08/04/14 17:09*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*07/31/14 16:59*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/04/14 17:09*	*1*

Client Sample ID: MP-01-3
Date Collected: 07/30/14 13:50
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 17:28	1
Acetone	ND		50		ug/L			07/31/14 17:28	1
Benzene	ND		0.50		ug/L			07/31/14 17:28	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 17:28	1
Bromobenzene	ND		1.0		ug/L			07/31/14 17:28	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 17:28	1
Bromoform	ND		1.0		ug/L			07/31/14 17:28	1
Bromomethane	ND		1.0		ug/L			07/31/14 17:28	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 17:28	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 17:28	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 17:28	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 17:28	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 17:28	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 17:28	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 17:28	1
Chloroethane	ND		1.0		ug/L			07/31/14 17:28	1
Chloroform	ND		1.0		ug/L			07/31/14 17:28	1
Chloromethane	ND		1.0		ug/L			07/31/14 17:28	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-3
Date Collected: 07/30/14 13:50
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 17:28	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 17:28	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 17:28	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 17:28	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 17:28	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 17:28	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 17:28	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 17:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 17:28	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 17:28	1
Dibromomethane	ND		0.50		ug/L			07/31/14 17:28	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 17:28	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 17:28	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 17:28	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 17:28	1
cis-1,2-Dichloroethene	**7.4**		0.50		ug/L			07/31/14 17:28	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 17:28	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 17:28	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 17:28	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 17:28	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 17:28	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 17:28	1
2-Hexanone	ND		50		ug/L			07/31/14 17:28	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 17:28	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 17:28	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 17:28	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 17:28	1
Naphthalene	ND		1.0		ug/L			07/31/14 17:28	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 17:28	1
Styrene	ND		0.50		ug/L			07/31/14 17:28	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 17:28	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 17:28	1
Tetrachloroethene	ND		0.50		ug/L			07/31/14 17:28	1
Toluene	ND		0.50		ug/L			07/31/14 17:28	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 17:28	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 17:28	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 17:28	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 17:28	1
Trichloroethene	ND		0.50		ug/L			07/31/14 17:28	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 17:28	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 17:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 17:28	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 17:28	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 17:28	1
Vinyl acetate	ND		10		ug/L			08/01/14 22:21	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 17:28	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 17:28	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 17:28	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 17:28	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130		07/31/14 17:28	1
4-Bromofluorobenzene	102		67 - 130		08/01/14 22:21	1
1,2-Dichloroethane-d4 (Surr)	103		72 - 130		07/31/14 17:28	1
1,2-Dichloroethane-d4 (Surr)	102		72 - 130		08/01/14 22:21	1
Toluene-d8 (Surr)	100		70 - 130		07/31/14 17:28	1
Toluene-d8 (Surr)	101		70 - 130		08/01/14 22:21	1

Client Sample ID: MP-02-1
Date Collected: 07/30/14 10:41
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/01/14 23:47	1
Acetone	ND		50		ug/L			08/01/14 23:47	1
Benzene	ND		0.50		ug/L			08/01/14 23:47	1
Dichlorobromomethane	ND		0.50		ug/L			08/01/14 23:47	1
Bromobenzene	ND		1.0		ug/L			08/01/14 23:47	1
Chlorobromomethane	ND		1.0		ug/L			08/01/14 23:47	1
Bromoform	ND		1.0		ug/L			08/01/14 23:47	1
Bromomethane	ND		1.0		ug/L			08/01/14 23:47	1
2-Butanone (MEK)	ND		50		ug/L			08/01/14 23:47	1
n-Butylbenzene	ND		1.0		ug/L			08/01/14 23:47	1
sec-Butylbenzene	ND		1.0		ug/L			08/01/14 23:47	1
tert-Butylbenzene	ND		1.0		ug/L			08/01/14 23:47	1
Carbon disulfide	ND		5.0		ug/L			08/01/14 23:47	1
Carbon tetrachloride	ND		0.50		ug/L			08/01/14 23:47	1
Chlorobenzene	ND		0.50		ug/L			08/01/14 23:47	1
Chloroethane	ND		1.0		ug/L			08/01/14 23:47	1
Chloroform	ND		1.0		ug/L			08/01/14 23:47	1
Chloromethane	ND		1.0		ug/L			08/01/14 23:47	1
2-Chlorotoluene	ND		0.50		ug/L			08/01/14 23:47	1
4-Chlorotoluene	ND		0.50		ug/L			08/01/14 23:47	1
Chlorodibromomethane	ND		0.50		ug/L			08/01/14 23:47	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/01/14 23:47	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/01/14 23:47	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/01/14 23:47	1
1,3-Dichloropropane	ND		1.0		ug/L			08/01/14 23:47	1
1,1-Dichloropropene	ND		0.50		ug/L			08/01/14 23:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/01/14 23:47	1
Ethylene Dibromide	ND		0.50		ug/L			08/01/14 23:47	1
Dibromomethane	ND		0.50		ug/L			08/01/14 23:47	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/01/14 23:47	1
1,1-Dichloroethane	ND		0.50		ug/L			08/01/14 23:47	1
1,2-Dichloroethane	ND		0.50		ug/L			08/01/14 23:47	1
1,1-Dichloroethene	ND		0.50		ug/L			08/01/14 23:47	1
cis-1,2-Dichloroethene	**7.2**		0.50		ug/L			08/01/14 23:47	1
trans-1,2-Dichloroethene	**1.0**		0.50		ug/L			08/01/14 23:47	1
1,2-Dichloropropane	ND		0.50		ug/L			08/01/14 23:47	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/01/14 23:47	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/01/14 23:47	1
Ethylbenzene	ND		0.50		ug/L			08/01/14 23:47	1
Hexachlorobutadiene	ND		1.0		ug/L			08/01/14 23:47	1
2-Hexanone	ND		50		ug/L			08/01/14 23:47	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-02-1
Date Collected: 07/30/14 10:41
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.50		ug/L			08/01/14 23:47	1
4-Isopropyltoluene	ND		1.0		ug/L			08/01/14 23:47	1
Methylene Chloride	ND		5.0		ug/L			08/01/14 23:47	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/01/14 23:47	1
Naphthalene	ND		1.0		ug/L			08/01/14 23:47	1
N-Propylbenzene	ND		1.0		ug/L			08/01/14 23:47	1
Styrene	ND		0.50		ug/L			08/01/14 23:47	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/01/14 23:47	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/01/14 23:47	1
Tetrachloroethene	**0.86**		0.50		ug/L			08/01/14 23:47	1
Toluene	ND		0.50		ug/L			08/01/14 23:47	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/01/14 23:47	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/01/14 23:47	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/01/14 23:47	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/01/14 23:47	1
Trichloroethene	**51**		0.50		ug/L			08/01/14 23:47	1
Trichlorofluoromethane	ND		1.0		ug/L			08/01/14 23:47	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/01/14 23:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/01/14 23:47	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/01/14 23:47	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/01/14 23:47	1
Vinyl acetate	ND		10		ug/L			08/01/14 23:47	1
Vinyl chloride	ND		0.50		ug/L			08/01/14 23:47	1
Xylenes, Total	ND		1.0		ug/L			08/01/14 23:47	1
2,2-Dichloropropane	ND		0.50		ug/L			08/01/14 23:47	1
Gasoline Range Organics (GRO) -C5-C12	**64**		50		ug/L			08/01/14 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*08/01/14 23:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*		*08/01/14 23:47*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/01/14 23:47*	*1*

Client Sample ID: MP-02-2
Date Collected: 07/30/14 10:01
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/14 00:15	1
Acetone	ND		50		ug/L			08/02/14 00:15	1
Benzene	ND		0.50		ug/L			08/02/14 00:15	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/14 00:15	1
Bromobenzene	ND		1.0		ug/L			08/02/14 00:15	1
Chlorobromomethane	ND		1.0		ug/L			08/02/14 00:15	1
Bromoform	ND		1.0		ug/L			08/02/14 00:15	1
Bromomethane	ND		1.0		ug/L			08/02/14 00:15	1
2-Butanone (MEK)	ND		50		ug/L			08/02/14 00:15	1
n-Butylbenzene	ND		1.0		ug/L			08/02/14 00:15	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/14 00:15	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/14 00:15	1
Carbon disulfide	ND		5.0		ug/L			08/02/14 00:15	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-02-2
Date Collected: 07/30/14 10:01
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		0.50		ug/L			08/02/14 00:15	1
Chlorobenzene	ND		0.50		ug/L			08/02/14 00:15	1
Chloroethane	ND		1.0		ug/L			08/02/14 00:15	1
Chloroform	ND		1.0		ug/L			08/02/14 00:15	1
Chloromethane	ND		1.0		ug/L			08/02/14 00:15	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/14 00:15	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/14 00:15	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/14 00:15	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/14 00:15	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/14 00:15	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/14 00:15	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/14 00:15	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/14 00:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/14 00:15	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/14 00:15	1
Dibromomethane	ND		0.50		ug/L			08/02/14 00:15	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/14 00:15	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/14 00:15	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/14 00:15	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/14 00:15	1
cis-1,2-Dichloroethene	**72**		0.50		ug/L			08/02/14 00:15	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/14 00:15	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/14 00:15	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/14 00:15	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/14 00:15	1
Ethylbenzene	ND		0.50		ug/L			08/02/14 00:15	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/14 00:15	1
2-Hexanone	ND		50		ug/L			08/02/14 00:15	1
Isopropylbenzene	ND		0.50		ug/L			08/02/14 00:15	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/14 00:15	1
Methylene Chloride	ND		5.0		ug/L			08/02/14 00:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/14 00:15	1
Naphthalene	ND		1.0		ug/L			08/02/14 00:15	1
N-Propylbenzene	ND		1.0		ug/L			08/02/14 00:15	1
Styrene	ND		0.50		ug/L			08/02/14 00:15	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/14 00:15	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/14 00:15	1
Tetrachloroethene	ND		0.50		ug/L			08/02/14 00:15	1
Toluene	ND		0.50		ug/L			08/02/14 00:15	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/14 00:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/14 00:15	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/14 00:15	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/14 00:15	1
Trichloroethene	ND		0.50		ug/L			08/02/14 00:15	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/14 00:15	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/14 00:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/14 00:15	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/14 00:15	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/14 00:15	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-02-2
Date Collected: 07/30/14 10:01
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		10		ug/L			08/02/14 00:15	1
Vinyl chloride	ND		0.50		ug/L			08/02/14 00:15	1
Xylenes, Total	ND		1.0		ug/L			08/02/14 00:15	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/14 00:15	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/14 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*67 - 130*		*08/02/14 00:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 130*		*08/02/14 00:15*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/02/14 00:15*	*1*

Client Sample ID: MP-02-3
Date Collected: 07/30/14 13:30
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/14 00:44	1
Acetone	**180**		50		ug/L			08/02/14 00:44	1
Benzene	ND		0.50		ug/L			08/02/14 00:44	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/14 00:44	1
Bromobenzene	ND		1.0		ug/L			08/02/14 00:44	1
Chlorobromomethane	ND		1.0		ug/L			08/02/14 00:44	1
Bromoform	ND		1.0		ug/L			08/02/14 00:44	1
Bromomethane	ND		1.0		ug/L			08/02/14 00:44	1
2-Butanone (MEK)	ND		50		ug/L			08/02/14 00:44	1
n-Butylbenzene	ND		1.0		ug/L			08/02/14 00:44	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/14 00:44	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/14 00:44	1
Carbon disulfide	ND		5.0		ug/L			08/02/14 00:44	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/14 00:44	1
Chlorobenzene	ND		0.50		ug/L			08/02/14 00:44	1
Chloroethane	ND		1.0		ug/L			08/02/14 00:44	1
Chloroform	ND		1.0		ug/L			08/02/14 00:44	1
Chloromethane	ND		1.0		ug/L			08/02/14 00:44	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/14 00:44	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/14 00:44	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/14 00:44	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/14 00:44	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/14 00:44	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/14 00:44	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/14 00:44	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/14 00:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/14 00:44	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/14 00:44	1
Dibromomethane	ND		0.50		ug/L			08/02/14 00:44	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/14 00:44	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/14 00:44	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/14 00:44	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/14 00:44	1
cis-1,2-Dichloroethene	**5.2**		0.50		ug/L			08/02/14 00:44	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-02-3
Date Collected: 07/30/14 13:30
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/14 00:44	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/14 00:44	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/14 00:44	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/14 00:44	1
Ethylbenzene	ND		0.50		ug/L			08/02/14 00:44	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/14 00:44	1
2-Hexanone	ND		50		ug/L			08/02/14 00:44	1
Isopropylbenzene	ND		0.50		ug/L			08/02/14 00:44	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/14 00:44	1
Methylene Chloride	ND		5.0		ug/L			08/02/14 00:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/14 00:44	1
Naphthalene	ND		1.0		ug/L			08/02/14 00:44	1
N-Propylbenzene	ND		1.0		ug/L			08/02/14 00:44	1
Styrene	ND		0.50		ug/L			08/02/14 00:44	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/14 00:44	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/14 00:44	1
Tetrachloroethene	ND		0.50		ug/L			08/02/14 00:44	1
Toluene	ND		0.50		ug/L			08/02/14 00:44	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/14 00:44	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/14 00:44	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/14 00:44	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/14 00:44	1
Trichloroethene	ND		0.50		ug/L			08/02/14 00:44	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/14 00:44	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/14 00:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/14 00:44	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/14 00:44	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/14 00:44	1
Vinyl acetate	ND		10		ug/L			08/02/14 00:44	1
Vinyl chloride	ND		0.50		ug/L			08/02/14 00:44	1
Xylenes, Total	ND		1.0		ug/L			08/02/14 00:44	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/14 00:44	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/14 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*08/02/14 00:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*		*08/02/14 00:44*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/02/14 00:44*	*1*

Client Sample ID: MP-03-1
Date Collected: 07/30/14 11:05
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/14 01:12	1
Acetone	ND		50		ug/L			08/02/14 01:12	1
Benzene	ND		0.50		ug/L			08/02/14 01:12	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/14 01:12	1
Bromobenzene	ND		1.0		ug/L			08/02/14 01:12	1
Chlorobromomethane	ND		1.0		ug/L			08/02/14 01:12	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-1
Date Collected: 07/30/14 11:05
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0		ug/L			08/02/14 01:12	1
Bromomethane	ND		1.0		ug/L			08/02/14 01:12	1
2-Butanone (MEK)	ND		50		ug/L			08/02/14 01:12	1
n-Butylbenzene	ND		1.0		ug/L			08/02/14 01:12	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/14 01:12	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/14 01:12	1
Carbon disulfide	ND		5.0		ug/L			08/02/14 01:12	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/14 01:12	1
Chlorobenzene	ND		0.50		ug/L			08/02/14 01:12	1
Chloroethane	ND		1.0		ug/L			08/02/14 01:12	1
Chloroform	ND		1.0		ug/L			08/02/14 01:12	1
Chloromethane	ND		1.0		ug/L			08/02/14 01:12	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/14 01:12	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/14 01:12	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/14 01:12	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/14 01:12	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/14 01:12	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/14 01:12	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/14 01:12	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/14 01:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/14 01:12	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/14 01:12	1
Dibromomethane	ND		0.50		ug/L			08/02/14 01:12	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/14 01:12	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/14 01:12	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/14 01:12	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/14 01:12	1
cis-1,2-Dichloroethene	**0.74**		0.50		ug/L			08/02/14 01:12	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/14 01:12	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/14 01:12	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/14 01:12	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/14 01:12	1
Ethylbenzene	ND		0.50		ug/L			08/02/14 01:12	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/14 01:12	1
2-Hexanone	ND		50		ug/L			08/02/14 01:12	1
Isopropylbenzene	ND		0.50		ug/L			08/02/14 01:12	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/14 01:12	1
Methylene Chloride	ND		5.0		ug/L			08/02/14 01:12	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/14 01:12	1
Naphthalene	ND		1.0		ug/L			08/02/14 01:12	1
N-Propylbenzene	ND		1.0		ug/L			08/02/14 01:12	1
Styrene	ND		0.50		ug/L			08/02/14 01:12	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/14 01:12	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/14 01:12	1
Tetrachloroethene	**94**		0.50		ug/L			08/02/14 01:12	1
Toluene	ND		0.50		ug/L			08/02/14 01:12	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/14 01:12	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/14 01:12	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/14 01:12	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-1
Date Collected: 07/30/14 11:05
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/14 01:12	1
Trichloroethene	**9.5**		0.50		ug/L			08/02/14 01:12	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/14 01:12	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/14 01:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/14 01:12	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/14 01:12	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/14 01:12	1
Vinyl acetate	ND		10		ug/L			08/02/14 01:12	1
Vinyl chloride	ND		0.50		ug/L			08/02/14 01:12	1
Xylenes, Total	ND		1.0		ug/L			08/02/14 01:12	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/14 01:12	1
Gasoline Range Organics (GRO) -C5-C12	**110**		50		ug/L			08/02/14 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*08/02/14 01:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*		*08/02/14 01:12*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/02/14 01:12*	*1*

Client Sample ID: MP-03-2
Date Collected: 07/30/14 09:45
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/14 01:41	1
Acetone	ND		50		ug/L			08/02/14 01:41	1
Benzene	ND		0.50		ug/L			08/02/14 01:41	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/14 01:41	1
Bromobenzene	ND		1.0		ug/L			08/02/14 01:41	1
Chlorobromomethane	ND		1.0		ug/L			08/02/14 01:41	1
Bromoform	ND		1.0		ug/L			08/02/14 01:41	1
Bromomethane	ND		1.0		ug/L			08/02/14 01:41	1
2-Butanone (MEK)	ND		50		ug/L			08/02/14 01:41	1
n-Butylbenzene	ND		1.0		ug/L			08/02/14 01:41	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/14 01:41	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/14 01:41	1
Carbon disulfide	ND		5.0		ug/L			08/02/14 01:41	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/14 01:41	1
Chlorobenzene	ND		0.50		ug/L			08/02/14 01:41	1
Chloroethane	ND		1.0		ug/L			08/02/14 01:41	1
Chloroform	ND		1.0		ug/L			08/02/14 01:41	1
Chloromethane	ND		1.0		ug/L			08/02/14 01:41	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/14 01:41	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/14 01:41	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/14 01:41	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/14 01:41	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/14 01:41	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/14 01:41	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/14 01:41	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/14 01:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/14 01:41	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-2
Date Collected: 07/30/14 09:45
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.50		ug/L			08/02/14 01:41	1
Dibromomethane	ND		0.50		ug/L			08/02/14 01:41	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/14 01:41	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/14 01:41	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/14 01:41	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/14 01:41	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/14 01:41	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/14 01:41	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/14 01:41	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/14 01:41	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/14 01:41	1
Ethylbenzene	ND		0.50		ug/L			08/02/14 01:41	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/14 01:41	1
2-Hexanone	ND		50		ug/L			08/02/14 01:41	1
Isopropylbenzene	ND		0.50		ug/L			08/02/14 01:41	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/14 01:41	1
Methylene Chloride	ND		5.0		ug/L			08/02/14 01:41	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/14 01:41	1
Naphthalene	ND		1.0		ug/L			08/02/14 01:41	1
N-Propylbenzene	ND		1.0		ug/L			08/02/14 01:41	1
Styrene	ND		0.50		ug/L			08/02/14 01:41	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/14 01:41	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/14 01:41	1
Tetrachloroethene	ND		0.50		ug/L			08/02/14 01:41	1
Toluene	ND		0.50		ug/L			08/02/14 01:41	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/14 01:41	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/14 01:41	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/14 01:41	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/14 01:41	1
Trichloroethene	ND		0.50		ug/L			08/02/14 01:41	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/14 01:41	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/14 01:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/14 01:41	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/14 01:41	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/14 01:41	1
Vinyl acetate	ND		10		ug/L			08/02/14 01:41	1
Vinyl chloride	ND		0.50		ug/L			08/02/14 01:41	1
Xylenes, Total	ND		1.0		ug/L			08/02/14 01:41	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/14 01:41	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/14 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*08/02/14 01:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 130*		*08/02/14 01:41*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/02/14 01:41*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MP-03-3
Date Collected: 07/30/14 09:25
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/14 02:10	1
Acetone	ND		50		ug/L			08/02/14 02:10	1
Benzene	ND		0.50		ug/L			08/02/14 02:10	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/14 02:10	1
Bromobenzene	ND		1.0		ug/L			08/02/14 02:10	1
Chlorobromomethane	ND		1.0		ug/L			08/02/14 02:10	1
Bromoform	ND		1.0		ug/L			08/02/14 02:10	1
Bromomethane	ND		1.0		ug/L			08/02/14 02:10	1
2-Butanone (MEK)	ND		50		ug/L			08/02/14 02:10	1
n-Butylbenzene	ND		1.0		ug/L			08/02/14 02:10	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/14 02:10	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/14 02:10	1
Carbon disulfide	ND		5.0		ug/L			08/02/14 02:10	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/14 02:10	1
Chlorobenzene	ND		0.50		ug/L			08/02/14 02:10	1
Chloroethane	ND		1.0		ug/L			08/02/14 02:10	1
Chloroform	ND		1.0		ug/L			08/02/14 02:10	1
Chloromethane	ND		1.0		ug/L			08/02/14 02:10	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/14 02:10	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/14 02:10	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/14 02:10	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/14 02:10	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/14 02:10	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/14 02:10	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/14 02:10	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/14 02:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/14 02:10	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/14 02:10	1
Dibromomethane	ND		0.50		ug/L			08/02/14 02:10	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/14 02:10	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/14 02:10	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/14 02:10	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/14 02:10	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/14 02:10	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/14 02:10	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/14 02:10	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/14 02:10	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/14 02:10	1
Ethylbenzene	ND		0.50		ug/L			08/02/14 02:10	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/14 02:10	1
2-Hexanone	ND		50		ug/L			08/02/14 02:10	1
Isopropylbenzene	ND		0.50		ug/L			08/02/14 02:10	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/14 02:10	1
Methylene Chloride	ND		5.0		ug/L			08/02/14 02:10	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/14 02:10	1
Naphthalene	ND		1.0		ug/L			08/02/14 02:10	1
N-Propylbenzene	ND		1.0		ug/L			08/02/14 02:10	1
Styrene	ND		0.50		ug/L			08/02/14 02:10	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/14 02:10	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-3
Date Collected: 07/30/14 09:25
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/14 02:10	1
Tetrachloroethene	ND		0.50		ug/L			08/02/14 02:10	1
Toluene	ND		0.50		ug/L			08/02/14 02:10	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/14 02:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/14 02:10	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/14 02:10	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/14 02:10	1
Trichloroethene	ND		0.50		ug/L			08/02/14 02:10	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/14 02:10	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/14 02:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/14 02:10	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/14 02:10	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/14 02:10	1
Vinyl acetate	ND		10		ug/L			08/02/14 02:10	1
Vinyl chloride	ND		0.50		ug/L			08/02/14 02:10	1
Xylenes, Total	ND		1.0		ug/L			08/02/14 02:10	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/14 02:10	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/14 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*08/02/14 02:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*		*08/02/14 02:10*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/02/14 02:10*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-164110/4
Matrix: Water
Analysis Batch: 164110

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/14 08:51	1
Acetone	ND		50		ug/L			07/31/14 08:51	1
Benzene	ND		0.50		ug/L			07/31/14 08:51	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/14 08:51	1
Bromobenzene	ND		1.0		ug/L			07/31/14 08:51	1
Chlorobromomethane	ND		1.0		ug/L			07/31/14 08:51	1
Bromoform	ND		1.0		ug/L			07/31/14 08:51	1
Bromomethane	ND		1.0		ug/L			07/31/14 08:51	1
2-Butanone (MEK)	ND		50		ug/L			07/31/14 08:51	1
n-Butylbenzene	ND		1.0		ug/L			07/31/14 08:51	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/14 08:51	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/14 08:51	1
Carbon disulfide	ND		5.0		ug/L			07/31/14 08:51	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/14 08:51	1
Chlorobenzene	ND		0.50		ug/L			07/31/14 08:51	1
Chloroethane	ND		1.0		ug/L			07/31/14 08:51	1
Chloroform	ND		1.0		ug/L			07/31/14 08:51	1
Chloromethane	ND		1.0		ug/L			07/31/14 08:51	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/14 08:51	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/14 08:51	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/14 08:51	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/14 08:51	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/14 08:51	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/14 08:51	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/14 08:51	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/14 08:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/14 08:51	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/14 08:51	1
Dibromomethane	ND		0.50		ug/L			07/31/14 08:51	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/14 08:51	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/14 08:51	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/14 08:51	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/14 08:51	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 08:51	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/14 08:51	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/14 08:51	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 08:51	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/14 08:51	1
Ethylbenzene	ND		0.50		ug/L			07/31/14 08:51	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/14 08:51	1
2-Hexanone	ND		50		ug/L			07/31/14 08:51	1
Isopropylbenzene	ND		0.50		ug/L			07/31/14 08:51	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/14 08:51	1
Methylene Chloride	ND		5.0		ug/L			07/31/14 08:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/14 08:51	1
Naphthalene	ND		1.0		ug/L			07/31/14 08:51	1
N-Propylbenzene	ND		1.0		ug/L			07/31/14 08:51	1
Styrene	ND		0.50		ug/L			07/31/14 08:51	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-164110/4
Matrix: Water
Analysis Batch: 164110

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		ug/L			07/31/14 08:51	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/14 08:51	1
Tetrachloroethene	ND		0.50		ug/L			07/31/14 08:51	1
Toluene	ND		0.50		ug/L			07/31/14 08:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/14 08:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/14 08:51	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/14 08:51	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/14 08:51	1
Trichloroethene	ND		0.50		ug/L			07/31/14 08:51	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/14 08:51	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/14 08:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/14 08:51	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/14 08:51	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/14 08:51	1
Vinyl chloride	ND		0.50		ug/L			07/31/14 08:51	1
Xylenes, Total	ND		1.0		ug/L			07/31/14 08:51	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/14 08:51	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/14 08:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*07/31/14 08:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*		*07/31/14 08:51*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*07/31/14 08:51*	*1*

Lab Sample ID: LCS 720-164110/5
Matrix: Water
Analysis Batch: 164110

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	24.8		ug/L		99	62 - 130
Acetone	125	122		ug/L		98	26 - 180
Benzene	25.0	25.7		ug/L		103	79 - 130
Dichlorobromomethane	25.0	24.8		ug/L		99	70 - 130
Bromobenzene	25.0	24.6		ug/L		98	70 - 130
Chlorobromomethane	25.0	24.4		ug/L		98	70 - 130
Bromoform	25.0	25.7		ug/L		103	68 - 136
Bromomethane	25.0	21.8		ug/L		87	43 - 151
2-Butanone (MEK)	125	123		ug/L		99	54 - 130
n-Butylbenzene	25.0	28.2		ug/L		113	70 - 142
sec-Butylbenzene	25.0	27.4		ug/L		110	70 - 134
tert-Butylbenzene	25.0	26.7		ug/L		107	70 - 135
Carbon disulfide	25.0	25.8		ug/L		103	58 - 130
Carbon tetrachloride	25.0	25.0		ug/L		100	70 - 146
Chlorobenzene	25.0	25.2		ug/L		101	70 - 130
Chloroethane	25.0	21.9		ug/L		88	62 - 138
Chloroform	25.0	24.8		ug/L		99	70 - 130
Chloromethane	25.0	22.3		ug/L		89	52 - 175

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-164110/5
Matrix: Water
Analysis Batch: 164110

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	25.0	27.1		ug/L		109	70 - 130
4-Chlorotoluene	25.0	27.2		ug/L		109	70 - 130
Chlorodibromomethane	25.0	25.0		ug/L		100	70 - 145
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,3-Dichloropropane	25.0	25.3		ug/L		101	70 - 130
1,1-Dichloropropene	25.0	27.7		ug/L		111	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.0		ug/L		108	70 - 136
Ethylene Dibromide	25.0	25.4		ug/L		102	70 - 130
Dibromomethane	25.0	24.9		ug/L		100	70 - 130
Dichlorodifluoromethane	25.0	21.0		ug/L		84	34 - 132
1,1-Dichloroethane	25.0	25.9		ug/L		104	70 - 130
1,2-Dichloroethane	25.0	24.6		ug/L		98	61 - 132
1,1-Dichloroethene	25.0	22.1		ug/L		88	64 - 128
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	70 - 130
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	68 - 130
1,2-Dichloropropane	25.0	26.1		ug/L		104	70 - 130
cis-1,3-Dichloropropene	25.0	26.8		ug/L		107	70 - 130
trans-1,3-Dichloropropene	25.0	28.9		ug/L		116	70 - 140
Ethylbenzene	25.0	26.1		ug/L		104	80 - 120
Hexachlorobutadiene	25.0	25.1		ug/L		100	70 - 130
2-Hexanone	125	135		ug/L		108	60 - 164
Isopropylbenzene	25.0	26.4		ug/L		105	70 - 130
4-Isopropyltoluene	25.0	26.5		ug/L		106	70 - 130
Methylene Chloride	25.0	24.2		ug/L		97	70 - 147
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	58 - 130
Naphthalene	25.0	27.4		ug/L		110	70 - 130
N-Propylbenzene	25.0	28.0		ug/L		112	70 - 130
Styrene	25.0	26.1		ug/L		104	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.4		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	25.0	27.4		ug/L		110	70 - 130
Tetrachloroethene	25.0	24.2		ug/L		97	70 - 130
Toluene	25.0	25.7		ug/L		103	78 - 120
1,2,3-Trichlorobenzene	25.0	24.6		ug/L		99	70 - 130
1,2,4-Trichlorobenzene	25.0	25.4		ug/L		102	70 - 130
1,1,1-Trichloroethane	25.0	26.4		ug/L		105	70 - 130
1,1,2-Trichloroethane	25.0	25.5		ug/L		102	70 - 130
Trichloroethene	25.0	24.3		ug/L		97	70 - 130
Trichlorofluoromethane	25.0	26.1		ug/L		104	66 - 132
1,2,3-Trichloropropane	25.0	26.7		ug/L		107	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		91	42 - 162
1,2,4-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 132
1,3,5-Trimethylbenzene	25.0	27.5		ug/L		110	70 - 130
Vinyl chloride	25.0	21.4		ug/L		86	54 - 135
m-Xylene & p-Xylene	25.0	26.4		ug/L		106	70 - 142
o-Xylene	25.0	26.6		ug/L		106	70 - 130

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-164110/5
Matrix: Water
Analysis Batch: 164110

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	25.0	29.8		ug/L		119	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCS 720-164110/7
Matrix: Water
Analysis Batch: 164110

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	556		ug/L		111	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-164110/6
Matrix: Water
Analysis Batch: 164110

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
Methyl tert-butyl ether	25.0	23.3		ug/L		93	62 - 130	6	20
Acetone	125	110		ug/L		88	26 - 180	10	30
Benzene	25.0	25.6		ug/L		102	79 - 130	0	20
Dichlorobromomethane	25.0	24.4		ug/L		98	70 - 130	2	20
Bromobenzene	25.0	24.3		ug/L		97	70 - 130	1	20
Chlorobromomethane	25.0	23.8		ug/L		95	70 - 130	3	20
Bromoform	25.0	24.1		ug/L		97	68 - 136	6	20
Bromomethane	25.0	21.2		ug/L		85	43 - 151	3	20
2-Butanone (MEK)	125	111		ug/L		89	54 - 130	10	20
n-Butylbenzene	25.0	28.6		ug/L		114	70 - 142	1	20
sec-Butylbenzene	25.0	27.4		ug/L		109	70 - 134	0	20
tert-Butylbenzene	25.0	26.4		ug/L		106	70 - 135	1	20
Carbon disulfide	25.0	25.8		ug/L		103	58 - 130	0	20
Carbon tetrachloride	25.0	24.9		ug/L		99	70 - 146	0	20
Chlorobenzene	25.0	25.0		ug/L		100	70 - 130	1	20
Chloroethane	25.0	21.5		ug/L		86	62 - 138	2	20
Chloroform	25.0	24.7		ug/L		99	70 - 130	0	20
Chloromethane	25.0	22.1		ug/L		88	52 - 175	1	20
2-Chlorotoluene	25.0	27.3		ug/L		109	70 - 130	1	20
4-Chlorotoluene	25.0	27.4		ug/L		110	70 - 130	1	20
Chlorodibromomethane	25.0	24.0		ug/L		96	70 - 145	4	20
1,2-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130	1	20
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130	0	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-164110/6
Matrix: Water
Analysis Batch: 164110

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
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130	0	20
1,3-Dichloropropane	25.0	24.6		ug/L		98	70 - 130	3	20
1,1-Dichloropropene	25.0	27.5		ug/L		110	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	24.3		ug/L		97	70 - 136	10	20
Ethylene Dibromide	25.0	24.2		ug/L		97	70 - 130	5	20
Dibromomethane	25.0	23.9		ug/L		96	70 - 130	4	20
Dichlorodifluoromethane	25.0	20.7		ug/L		83	34 - 132	1	20
1,1-Dichloroethane	25.0	25.9		ug/L		104	70 - 130	0	20
1,2-Dichloroethane	25.0	24.0		ug/L		96	61 - 132	2	20
1,1-Dichloroethene	25.0	21.9		ug/L		88	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	24.8		ug/L		99	68 - 130	1	20
1,2-Dichloropropane	25.0	25.7		ug/L		103	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	26.4		ug/L		105	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	28.2		ug/L		113	70 - 140	3	20
Ethylbenzene	25.0	26.1		ug/L		105	80 - 120	0	20
Hexachlorobutadiene	25.0	25.9		ug/L		104	70 - 130	3	20
2-Hexanone	125	115		ug/L		92	60 - 164	16	20
Isopropylbenzene	25.0	26.4		ug/L		106	70 - 130	0	20
4-Isopropyltoluene	25.0	26.6		ug/L		106	70 - 130	0	20
Methylene Chloride	25.0	23.9		ug/L		96	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	58 - 130	15	20
Naphthalene	25.0	26.3		ug/L		105	70 - 130	4	20
N-Propylbenzene	25.0	28.0		ug/L		112	70 - 130	0	20
Styrene	25.0	26.2		ug/L		105	70 - 130	0	20
1,1,1,2-Tetrachloroethane	25.0	24.0		ug/L		96	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	25.3		ug/L		101	70 - 130	8	20
Tetrachloroethene	25.0	24.1		ug/L		96	70 - 130	1	20
Toluene	25.0	25.9		ug/L		104	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	24.3		ug/L		97	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	70 - 130	2	20
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	70 - 130	0	20
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	70 - 130	5	20
Trichloroethene	25.0	24.2		ug/L		97	70 - 130	0	20
Trichlorofluoromethane	25.0	25.8		ug/L		103	66 - 132	1	20
1,2,3-Trichloropropane	25.0	24.4		ug/L		98	70 - 130	9	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.3		ug/L		89	42 - 162	2	20
1,2,4-Trimethylbenzene	25.0	26.8		ug/L		107	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	27.5		ug/L		110	70 - 130	0	20
Vinyl chloride	25.0	21.1		ug/L		84	54 - 135	2	20
m-Xylene & p-Xylene	25.0	26.4		ug/L		106	70 - 142	0	20
o-Xylene	25.0	26.4		ug/L		106	70 - 130	1	20
2,2-Dichloropropane	25.0	30.6		ug/L		122	70 - 140	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-164110/6
Matrix: Water
Analysis Batch: 164110

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 720-164110/8
Matrix: Water
Analysis Batch: 164110

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
Gasoline Range Organics (GRO) -C5-C12	500	561		ug/L		112	62 - 120	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 720-58974-3 MS
Matrix: Water
Analysis Batch: 164110

Client Sample ID: MW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	ND		25.0	26.6		ug/L		106	60 - 138
Acetone	ND		125	107		ug/L		86	60 - 140
Benzene	ND		25.0	25.8		ug/L		103	60 - 140
Dichlorobromomethane	ND		25.0	26.5		ug/L		106	60 - 140
Bromobenzene	ND		25.0	24.6		ug/L		98	60 - 140
Chlorobromomethane	ND		25.0	25.8		ug/L		103	60 - 140
Bromoform	ND		25.0	25.4		ug/L		102	56 - 140
Bromomethane	ND		25.0	20.2		ug/L		81	23 - 140
2-Butanone (MEK)	ND		125	112		ug/L		90	60 - 140
n-Butylbenzene	ND		25.0	26.1		ug/L		104	60 - 140
sec-Butylbenzene	ND		25.0	25.3		ug/L		101	60 - 140
tert-Butylbenzene	ND		25.0	24.7		ug/L		99	60 - 140
Carbon disulfide	ND		25.0	24.1		ug/L		97	38 - 140
Carbon tetrachloride	ND		25.0	23.7		ug/L		95	60 - 140
Chlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140
Chloroethane	ND		25.0	20.5		ug/L		82	51 - 140
Chloroform	ND		25.0	25.6		ug/L		102	60 - 140
Chloromethane	ND		25.0	19.6		ug/L		79	52 - 140
2-Chlorotoluene	ND		25.0	26.2		ug/L		105	60 - 140
4-Chlorotoluene	ND		25.0	26.5		ug/L		106	60 - 140
Chlorodibromomethane	ND		25.0	26.9		ug/L		108	60 - 140
1,2-Dichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.2		ug/L		101	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140
1,3-Dichloropropane	ND		25.0	27.1		ug/L		108	60 - 140
1,1-Dichloropropene	ND		25.0	26.1		ug/L		104	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	24.6		ug/L		98	60 - 140
Ethylene Dibromide	ND		25.0	26.6		ug/L		107	60 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-3 MS
Matrix: Water
Analysis Batch: 164110

Client Sample ID: MW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromomethane	ND		25.0	25.9		ug/L		103	60 - 140
Dichlorodifluoromethane	ND		25.0	18.8		ug/L		75	38 - 140
1,1-Dichloroethane	ND		25.0	26.0		ug/L		104	60 - 140
1,2-Dichloroethane	ND		25.0	25.9		ug/L		103	60 - 140
1,1-Dichloroethene	ND		25.0	21.0		ug/L		84	60 - 140
cis-1,2-Dichloroethene	3.0		25.0	29.4		ug/L		105	60 - 140
trans-1,2-Dichloroethene	ND		25.0	24.4		ug/L		97	60 - 140
1,2-Dichloropropane	ND		25.0	27.6		ug/L		110	60 - 140
cis-1,3-Dichloropropene	ND		25.0	28.4		ug/L		114	60 - 140
trans-1,3-Dichloropropene	ND		25.0	30.9		ug/L		124	60 - 140
Ethylbenzene	ND		25.0	24.9		ug/L		100	60 - 140
Hexachlorobutadiene	ND		25.0	23.7		ug/L		95	60 - 140
2-Hexanone	ND		125	125		ug/L		100	60 - 140
Isopropylbenzene	ND		25.0	24.9		ug/L		100	60 - 140
4-Isopropyltoluene	ND		25.0	24.8		ug/L		99	60 - 140
Methylene Chloride	ND		25.0	24.8		ug/L		99	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	129		ug/L		103	58 - 130
Naphthalene	ND		25.0	26.8		ug/L		107	56 - 140
N-Propylbenzene	ND		25.0	25.9		ug/L		103	60 - 140
Styrene	ND		25.0	26.5		ug/L		106	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	24.9		ug/L		100	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	26.0		ug/L		104	60 - 140
Tetrachloroethene	5.4		25.0	27.6		ug/L		89	60 - 140
Toluene	ND		25.0	24.8		ug/L		99	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	25.4		ug/L		102	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.3		ug/L		105	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.2		ug/L		101	60 - 140
1,1,2-Trichloroethane	ND		25.0	27.0		ug/L		108	60 - 140
Trichloroethene	13		25.0	35.3		ug/L		91	60 - 140
Trichlorofluoromethane	ND		25.0	23.6		ug/L		94	60 - 140
1,2,3-Trichloropropane	ND		25.0	25.1		ug/L		100	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.1		ug/L		84	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.3		ug/L		105	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	26.2		ug/L		105	60 - 140
Vinyl chloride	ND		25.0	19.4		ug/L		78	58 - 140
m-Xylene & p-Xylene	ND		25.0	25.6		ug/L		102	60 - 140
o-Xylene	ND		25.0	26.2		ug/L		105	60 - 140
2,2-Dichloropropane	ND		25.0	26.9		ug/L		107	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-3 MSD
Matrix: Water
Analysis Batch: 164110

Client Sample ID: MW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	27.4		ug/L		110	60 - 138	3	20
Acetone	ND		125	112		ug/L		90	60 - 140	5	20
Benzene	ND		25.0	26.1		ug/L		104	60 - 140	1	20
Dichlorobromomethane	ND		25.0	26.8		ug/L		107	60 - 140	1	20
Bromobenzene	ND		25.0	24.6		ug/L		98	60 - 140	0	20
Chlorobromomethane	ND		25.0	26.0		ug/L		104	60 - 140	1	20
Bromoform	ND		25.0	26.1		ug/L		104	56 - 140	2	20
Bromomethane	ND		25.0	20.1		ug/L		80	23 - 140	1	20
2-Butanone (MEK)	ND		125	116		ug/L		92	60 - 140	3	20
n-Butylbenzene	ND		25.0	26.0		ug/L		104	60 - 140	1	20
sec-Butylbenzene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
tert-Butylbenzene	ND		25.0	24.8		ug/L		99	60 - 140	0	20
Carbon disulfide	ND		25.0	24.5		ug/L		98	38 - 140	1	20
Carbon tetrachloride	ND		25.0	23.9		ug/L		96	60 - 140	1	20
Chlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140	0	20
Chloroethane	ND		25.0	20.7		ug/L		83	51 - 140	1	20
Chloroform	ND		25.0	25.8		ug/L		103	60 - 140	1	20
Chloromethane	ND		25.0	19.6		ug/L		78	52 - 140	0	20
2-Chlorotoluene	ND		25.0	25.8		ug/L		103	60 - 140	2	20
4-Chlorotoluene	ND		25.0	26.3		ug/L		105	60 - 140	1	20
Chlorodibromomethane	ND		25.0	27.2		ug/L		109	60 - 140	1	20
1,2-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	27.4		ug/L		110	60 - 140	1	20
1,1-Dichloropropene	ND		25.0	26.4		ug/L		106	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.4		ug/L		102	60 - 140	3	20
Ethylene Dibromide	ND		25.0	27.2		ug/L		109	60 - 140	2	20
Dibromomethane	ND		25.0	26.2		ug/L		105	60 - 140	1	20
Dichlorodifluoromethane	ND		25.0	18.9		ug/L		75	38 - 140	0	20
1,1-Dichloroethane	ND		25.0	26.2		ug/L		105	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	60 - 140	1	20
1,1-Dichloroethene	ND		25.0	21.2		ug/L		85	60 - 140	1	20
cis-1,2-Dichloroethene	3.0		25.0	29.9		ug/L		107	60 - 140	2	20
trans-1,2-Dichloroethene	ND		25.0	24.7		ug/L		98	60 - 140	1	20
1,2-Dichloropropane	ND		25.0	27.7		ug/L		111	60 - 140	1	20
cis-1,3-Dichloropropene	ND		25.0	28.9		ug/L		115	60 - 140	2	20
trans-1,3-Dichloropropene	ND		25.0	31.6		ug/L		126	60 - 140	2	20
Ethylbenzene	ND		25.0	24.8		ug/L		99	60 - 140	0	20
Hexachlorobutadiene	ND		25.0	24.2		ug/L		97	60 - 140	2	20
2-Hexanone	ND		125	132		ug/L		105	60 - 140	5	20
Isopropylbenzene	ND		25.0	25.0		ug/L		100	60 - 140	0	20
4-Isopropyltoluene	ND		25.0	24.7		ug/L		99	60 - 140	0	20
Methylene Chloride	ND		25.0	25.1		ug/L		100	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	135		ug/L		108	58 - 130	4	20
Naphthalene	ND		25.0	27.6		ug/L		110	56 - 140	3	20
N-Propylbenzene	ND		25.0	25.8		ug/L		103	60 - 140	0	20
Styrene	ND		25.0	26.3		ug/L		105	60 - 140	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-3 MSD
Matrix: Water
Analysis Batch: 164110

Client Sample ID: MW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		25.0	24.7		ug/L		99	60 - 140	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	26.5		ug/L		106	60 - 140	2	20
Tetrachloroethene	5.4		25.0	28.9		ug/L		94	60 - 140	5	20
Toluene	ND		25.0	24.7		ug/L		99	60 - 140	0	20
1,2,3-Trichlorobenzene	ND		25.0	26.0		ug/L		104	60 - 140	2	20
1,2,4-Trichlorobenzene	ND		25.0	26.5		ug/L		106	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	25.7		ug/L		103	60 - 140	2	20
1,1,2-Trichloroethane	ND		25.0	27.5		ug/L		110	60 - 140	2	20
Trichloroethene	13		25.0	36.9		ug/L		97	60 - 140	4	20
Trichlorofluoromethane	ND		25.0	23.9		ug/L		96	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	25.6		ug/L		102	60 - 140	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.4		ug/L		86	60 - 140	2	20
1,2,4-Trimethylbenzene	ND		25.0	26.0		ug/L		104	60 - 140	1	20
1,3,5-Trimethylbenzene	ND		25.0	26.1		ug/L		104	60 - 140	1	20
Vinyl chloride	ND		25.0	19.2		ug/L		77	58 - 140	1	20
m-Xylene & p-Xylene	ND		25.0	25.5		ug/L		102	60 - 140	0	20
o-Xylene	ND		25.0	26.2		ug/L		105	60 - 140	0	20
2,2-Dichloropropane	ND		25.0	26.9		ug/L		108	60 - 140	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 720-164220/4
Matrix: Water
Analysis Batch: 164220

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/01/14 19:58	1
Acetone	ND		50		ug/L			08/01/14 19:58	1
Benzene	ND		0.50		ug/L			08/01/14 19:58	1
Dichlorobromomethane	ND		0.50		ug/L			08/01/14 19:58	1
Bromobenzene	ND		1.0		ug/L			08/01/14 19:58	1
Chlorobromomethane	ND		1.0		ug/L			08/01/14 19:58	1
Bromoform	ND		1.0		ug/L			08/01/14 19:58	1
Bromomethane	ND		1.0		ug/L			08/01/14 19:58	1
2-Butanone (MEK)	ND		50		ug/L			08/01/14 19:58	1
n-Butylbenzene	ND		1.0		ug/L			08/01/14 19:58	1
sec-Butylbenzene	ND		1.0		ug/L			08/01/14 19:58	1
tert-Butylbenzene	ND		1.0		ug/L			08/01/14 19:58	1
Carbon disulfide	ND		5.0		ug/L			08/01/14 19:58	1
Carbon tetrachloride	ND		0.50		ug/L			08/01/14 19:58	1
Chlorobenzene	ND		0.50		ug/L			08/01/14 19:58	1
Chloroethane	ND		1.0		ug/L			08/01/14 19:58	1
Chloroform	ND		1.0		ug/L			08/01/14 19:58	1
Chloromethane	ND		1.0		ug/L			08/01/14 19:58	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-164220/4
Matrix: Water
Analysis Batch: 164220

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.50		ug/L			08/01/14 19:58	1
4-Chlorotoluene	ND		0.50		ug/L			08/01/14 19:58	1
Chlorodibromomethane	ND		0.50		ug/L			08/01/14 19:58	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/01/14 19:58	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/01/14 19:58	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/01/14 19:58	1
1,3-Dichloropropane	ND		1.0		ug/L			08/01/14 19:58	1
1,1-Dichloropropene	ND		0.50		ug/L			08/01/14 19:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/01/14 19:58	1
Ethylene Dibromide	ND		0.50		ug/L			08/01/14 19:58	1
Dibromomethane	ND		0.50		ug/L			08/01/14 19:58	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/01/14 19:58	1
1,1-Dichloroethane	ND		0.50		ug/L			08/01/14 19:58	1
1,2-Dichloroethane	ND		0.50		ug/L			08/01/14 19:58	1
1,1-Dichloroethene	ND		0.50		ug/L			08/01/14 19:58	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/01/14 19:58	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/01/14 19:58	1
1,2-Dichloropropane	ND		0.50		ug/L			08/01/14 19:58	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/01/14 19:58	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/01/14 19:58	1
Ethylbenzene	ND		0.50		ug/L			08/01/14 19:58	1
Hexachlorobutadiene	ND		1.0		ug/L			08/01/14 19:58	1
2-Hexanone	ND		50		ug/L			08/01/14 19:58	1
Isopropylbenzene	ND		0.50		ug/L			08/01/14 19:58	1
4-Isopropyltoluene	ND		1.0		ug/L			08/01/14 19:58	1
Methylene Chloride	ND		5.0		ug/L			08/01/14 19:58	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/01/14 19:58	1
Naphthalene	ND		1.0		ug/L			08/01/14 19:58	1
N-Propylbenzene	ND		1.0		ug/L			08/01/14 19:58	1
Styrene	ND		0.50		ug/L			08/01/14 19:58	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/01/14 19:58	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/01/14 19:58	1
Tetrachloroethene	ND		0.50		ug/L			08/01/14 19:58	1
Toluene	ND		0.50		ug/L			08/01/14 19:58	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/01/14 19:58	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/01/14 19:58	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/01/14 19:58	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/01/14 19:58	1
Trichloroethene	ND		0.50		ug/L			08/01/14 19:58	1
Trichlorofluoromethane	ND		1.0		ug/L			08/01/14 19:58	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/01/14 19:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/01/14 19:58	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/01/14 19:58	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/01/14 19:58	1
Vinyl acetate	ND		10		ug/L			08/01/14 19:58	1
Vinyl chloride	ND		0.50		ug/L			08/01/14 19:58	1
Xylenes, Total	ND		1.0		ug/L			08/01/14 19:58	1
2,2-Dichloropropane	ND		0.50		ug/L			08/01/14 19:58	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-164220/4
Matrix: Water
Analysis Batch: 164220

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/01/14 19:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*08/01/14 19:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*08/01/14 19:58*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/01/14 19:58*	*1*

Lab Sample ID: LCS 720-164220/5
Matrix: Water
Analysis Batch: 164220

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	25.4		ug/L		102	62 - 130
Acetone	125	121		ug/L		97	26 - 180
Benzene	25.0	25.5		ug/L		102	79 - 130
Dichlorobromomethane	25.0	25.3		ug/L		101	70 - 130
Bromobenzene	25.0	25.2		ug/L		101	70 - 130
Chlorobromomethane	25.0	24.7		ug/L		99	70 - 130
Bromoform	25.0	23.6		ug/L		95	68 - 136
Bromomethane	25.0	21.2		ug/L		85	43 - 151
2-Butanone (MEK)	125	122		ug/L		98	54 - 130
n-Butylbenzene	25.0	26.7		ug/L		107	70 - 142
sec-Butylbenzene	25.0	26.6		ug/L		106	70 - 134
tert-Butylbenzene	25.0	26.2		ug/L		105	70 - 135
Carbon disulfide	25.0	23.7		ug/L		95	58 - 130
Carbon tetrachloride	25.0	24.1		ug/L		96	70 - 146
Chlorobenzene	25.0	25.1		ug/L		100	70 - 130
Chloroethane	25.0	20.9		ug/L		84	62 - 138
Chloroform	25.0	24.9		ug/L		100	70 - 130
Chloromethane	25.0	21.1		ug/L		85	52 - 175
2-Chlorotoluene	25.0	26.8		ug/L		107	70 - 130
4-Chlorotoluene	25.0	26.8		ug/L		107	70 - 130
Chlorodibromomethane	25.0	25.4		ug/L		102	70 - 145
1,2-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130
1,3-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	70 - 130
1,3-Dichloropropane	25.0	26.2		ug/L		105	70 - 130
1,1-Dichloropropene	25.0	26.4		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	26.6		ug/L		106	70 - 136
Ethylene Dibromide	25.0	26.0		ug/L		104	70 - 130
Dibromomethane	25.0	25.1		ug/L		100	70 - 130
Dichlorodifluoromethane	25.0	19.4		ug/L		78	34 - 132
1,1-Dichloroethane	25.0	25.7		ug/L		103	70 - 130
1,2-Dichloroethane	25.0	24.6		ug/L		98	61 - 132
1,1-Dichloroethene	25.0	21.3		ug/L		85	64 - 128
cis-1,2-Dichloroethene	25.0	25.6		ug/L		102	70 - 130
trans-1,2-Dichloroethene	25.0	24.1		ug/L		97	68 - 130

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-164220/5
Matrix: Water
Analysis Batch: 164220

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	25.0	26.6		ug/L		106	70 - 130
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	70 - 130
trans-1,3-Dichloropropene	25.0	28.8		ug/L		115	70 - 140
Ethylbenzene	25.0	25.0		ug/L		100	80 - 120
Hexachlorobutadiene	25.0	25.4		ug/L		102	70 - 130
2-Hexanone	125	132		ug/L		106	60 - 164
Isopropylbenzene	25.0	25.4		ug/L		102	70 - 130
4-Isopropyltoluene	25.0	25.7		ug/L		103	70 - 130
Methylene Chloride	25.0	24.4		ug/L		98	70 - 147
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		109	58 - 130
Naphthalene	25.0	28.6		ug/L		114	70 - 130
N-Propylbenzene	25.0	26.8		ug/L		107	70 - 130
Styrene	25.0	25.8		ug/L		103	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.7		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	25.0	26.9		ug/L		108	70 - 130
Tetrachloroethene	25.0	23.2		ug/L		93	70 - 130
Toluene	25.0	24.9		ug/L		99	78 - 120
1,2,3-Trichlorobenzene	25.0	26.2		ug/L		105	70 - 130
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	70 - 130
1,1,1-Trichloroethane	25.0	25.3		ug/L		101	70 - 130
1,1,2-Trichloroethane	25.0	26.2		ug/L		105	70 - 130
Trichloroethene	25.0	24.1		ug/L		96	70 - 130
Trichlorofluoromethane	25.0	24.9		ug/L		100	66 - 132
1,2,3-Trichloropropane	25.0	26.4		ug/L		106	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.5		ug/L		86	42 - 162
1,2,4-Trimethylbenzene	25.0	26.6		ug/L		106	70 - 132
1,3,5-Trimethylbenzene	25.0	27.1		ug/L		109	70 - 130
Vinyl acetate	25.0	21.5		ug/L		86	43 - 163
Vinyl chloride	25.0	19.5		ug/L		78	54 - 135
m-Xylene & p-Xylene	25.0	25.5		ug/L		102	70 - 142
o-Xylene	25.0	26.2		ug/L		105	70 - 130
2,2-Dichloropropane	25.0	26.1		ug/L		104	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCS 720-164220/7
Matrix: Water
Analysis Batch: 164220

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	535		ug/L		107	62 - 120

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-164220/7
Matrix: Water
Analysis Batch: 164220

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-164220/6
Matrix: Water
Analysis Batch: 164220

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
Methyl tert-butyl ether	25.0	26.3		ug/L		105	62 - 130	4	20
Acetone	125	121		ug/L		97	26 - 180	0	30
Benzene	25.0	25.3		ug/L		101	79 - 130	1	20
Dichlorobromomethane	25.0	25.5		ug/L		102	70 - 130	1	20
Bromobenzene	25.0	24.5		ug/L		98	70 - 130	3	20
Chlorobromomethane	25.0	24.9		ug/L		99	70 - 130	1	20
Bromoform	25.0	24.0		ug/L		96	68 - 136	1	20
Bromomethane	25.0	20.8		ug/L		83	43 - 151	2	20
2-Butanone (MEK)	125	122		ug/L		98	54 - 130	0	20
n-Butylbenzene	25.0	25.7		ug/L		103	70 - 142	4	20
sec-Butylbenzene	25.0	26.0		ug/L		104	70 - 134	2	20
tert-Butylbenzene	25.0	25.4		ug/L		102	70 - 135	3	20
Carbon disulfide	25.0	23.4		ug/L		94	58 - 130	1	20
Carbon tetrachloride	25.0	23.8		ug/L		95	70 - 146	1	20
Chlorobenzene	25.0	24.6		ug/L		98	70 - 130	2	20
Chloroethane	25.0	21.0		ug/L		84	62 - 138	0	20
Chloroform	25.0	24.9		ug/L		100	70 - 130	0	20
Chloromethane	25.0	20.5		ug/L		82	52 - 175	3	20
2-Chlorotoluene	25.0	26.2		ug/L		105	70 - 130	2	20
4-Chlorotoluene	25.0	26.3		ug/L		105	70 - 130	2	20
Chlorodibromomethane	25.0	25.5		ug/L		102	70 - 145	1	20
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130	3	20
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130	2	20
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130	1	20
1,3-Dichloropropane	25.0	26.4		ug/L		106	70 - 130	1	20
1,1-Dichloropropene	25.0	26.0		ug/L		104	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	26.5		ug/L		106	70 - 136	0	20
Ethylene Dibromide	25.0	26.3		ug/L		105	70 - 130	1	20
Dibromomethane	25.0	25.3		ug/L		101	70 - 130	1	20
Dichlorodifluoromethane	25.0	19.1		ug/L		77	34 - 132	1	20
1,1-Dichloroethane	25.0	25.6		ug/L		102	70 - 130	0	20
1,2-Dichloroethane	25.0	24.9		ug/L		99	61 - 132	1	20
1,1-Dichloroethene	25.0	21.0		ug/L		84	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	68 - 130	1	20
1,2-Dichloropropane	25.0	26.5		ug/L		106	70 - 130	0	20
cis-1,3-Dichloropropene	25.0	26.9		ug/L		108	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	28.9		ug/L		116	70 - 140	1	20
Ethylbenzene	25.0	24.7		ug/L		99	80 - 120	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-164220/6
Matrix: Water
Analysis Batch: 164220

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
Hexachlorobutadiene	25.0	24.6		ug/L		98	70 - 130	3	20
2-Hexanone	125	140		ug/L		112	60 - 164	6	20
Isopropylbenzene	25.0	25.0		ug/L		100	70 - 130	2	20
4-Isopropyltoluene	25.0	25.0		ug/L		100	70 - 130	3	20
Methylene Chloride	25.0	24.4		ug/L		98	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	144		ug/L		115	58 - 130	5	20
Naphthalene	25.0	28.8		ug/L		115	70 - 130	1	20
N-Propylbenzene	25.0	26.2		ug/L		105	70 - 130	2	20
Styrene	25.0	25.8		ug/L		103	70 - 130	0	20
1,1,1,2-Tetrachloroethane	25.0	24.5		ug/L		98	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	26.8		ug/L		107	70 - 130	0	20
Tetrachloroethene	25.0	23.0		ug/L		92	70 - 130	1	20
Toluene	25.0	24.4		ug/L		98	78 - 120	2	20
1,2,3-Trichlorobenzene	25.0	25.8		ug/L		103	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		102	70 - 130	2	20
1,1,1-Trichloroethane	25.0	25.0		ug/L		100	70 - 130	1	20
1,1,2-Trichloroethane	25.0	26.5		ug/L		106	70 - 130	1	20
Trichloroethene	25.0	23.8		ug/L		95	70 - 130	1	20
Trichlorofluoromethane	25.0	24.6		ug/L		98	66 - 132	1	20
1,2,3-Trichloropropane	25.0	26.4		ug/L		106	70 - 130	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.9		ug/L		84	42 - 162	3	20
1,2,4-Trimethylbenzene	25.0	26.2		ug/L		105	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	26.5		ug/L		106	70 - 130	2	20
Vinyl acetate	25.0	22.0		ug/L		88	43 - 163	2	20
Vinyl chloride	25.0	19.2		ug/L		77	54 - 135	2	20
m-Xylene & p-Xylene	25.0	25.1		ug/L		100	70 - 142	2	20
o-Xylene	25.0	25.7		ug/L		103	70 - 130	2	20
2,2-Dichloropropane	25.0	24.7		ug/L		99	70 - 140	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-164220/8
Matrix: Water
Analysis Batch: 164220

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
Gasoline Range Organics (GRO) -C5-C12	500	529		ug/L		106	62 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-7 MS
Matrix: Water
Analysis Batch: 164220

Client Sample ID: MP-01-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	ND		25.0	25.3		ug/L		101	60 - 138
Acetone	ND		125	140		ug/L		85	60 - 140
Benzene	ND		25.0	25.5		ug/L		102	60 - 140
Dichlorobromomethane	ND		25.0	25.6		ug/L		102	60 - 140
Bromobenzene	ND		25.0	24.3		ug/L		97	60 - 140
Chlorobromomethane	ND		25.0	24.8		ug/L		99	60 - 140
Bromoform	ND		25.0	24.1		ug/L		96	56 - 140
Bromomethane	ND		25.0	19.2		ug/L		77	23 - 140
2-Butanone (MEK)	ND		125	114		ug/L		91	60 - 140
n-Butylbenzene	ND		25.0	26.1		ug/L		104	60 - 140
sec-Butylbenzene	ND		25.0	25.3		ug/L		101	60 - 140
tert-Butylbenzene	ND		25.0	25.0		ug/L		100	60 - 140
Carbon disulfide	ND		25.0	24.4		ug/L		98	38 - 140
Carbon tetrachloride	ND		25.0	23.3		ug/L		93	60 - 140
Chlorobenzene	ND		25.0	24.9		ug/L		100	60 - 140
Chloroethane	ND		25.0	20.2		ug/L		81	51 - 140
Chloroform	ND		25.0	25.1		ug/L		100	60 - 140
Chloromethane	ND		25.0	18.7		ug/L		75	52 - 140
2-Chlorotoluene	ND		25.0	26.0		ug/L		104	60 - 140
4-Chlorotoluene	ND		25.0	26.3		ug/L		105	60 - 140
Chlorodibromomethane	ND		25.0	25.5		ug/L		102	60 - 140
1,2-Dichlorobenzene	ND		25.0	24.8		ug/L		99	60 - 140
1,3-Dichlorobenzene	ND		25.0	24.6		ug/L		98	60 - 140
1,4-Dichlorobenzene	ND		25.0	24.9		ug/L		100	60 - 140
1,3-Dichloropropane	ND		25.0	25.7		ug/L		103	60 - 140
1,1-Dichloropropene	ND		25.0	26.0		ug/L		104	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	23.3		ug/L		93	60 - 140
Ethylene Dibromide	ND		25.0	25.4		ug/L		102	60 - 140
Dibromomethane	ND		25.0	24.7		ug/L		99	60 - 140
Dichlorodifluoromethane	ND		25.0	18.6		ug/L		74	38 - 140
1,1-Dichloroethane	ND		25.0	25.7		ug/L		103	60 - 140
1,2-Dichloroethane	ND		25.0	24.7		ug/L		99	60 - 140
1,1-Dichloroethene	ND		25.0	20.6		ug/L		82	60 - 140
cis-1,2-Dichloroethene	5.1		25.0	30.9		ug/L		103	60 - 140
trans-1,2-Dichloroethene	ND		25.0	23.9		ug/L		96	60 - 140
1,2-Dichloropropane	ND		25.0	26.7		ug/L		107	60 - 140
cis-1,3-Dichloropropene	ND		25.0	26.9		ug/L		108	60 - 140
trans-1,3-Dichloropropene	ND		25.0	29.2		ug/L		117	60 - 140
Ethylbenzene	ND		25.0	24.9		ug/L		99	60 - 140
Hexachlorobutadiene	ND		25.0	24.7		ug/L		99	60 - 140
2-Hexanone	ND		125	123		ug/L		98	60 - 140
Isopropylbenzene	ND		25.0	25.0		ug/L		100	60 - 140
4-Isopropyltoluene	ND		25.0	24.9		ug/L		100	60 - 140
Methylene Chloride	ND		25.0	24.1		ug/L		96	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	127		ug/L		101	58 - 130
Naphthalene	ND		25.0	26.7		ug/L		107	56 - 140
N-Propylbenzene	ND		25.0	25.8		ug/L		103	60 - 140
Styrene	ND		25.0	26.1		ug/L		104	60 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-7 MS
Matrix: Water
Analysis Batch: 164220

Client Sample ID: MP-01-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	24.5		ug/L		98	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	24.8		ug/L		99	60 - 140
Tetrachloroethene	ND		25.0	23.1		ug/L		92	60 - 140
Toluene	ND		25.0	24.8		ug/L		99	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.2		ug/L		105	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.3		ug/L		101	60 - 140
1,1,2-Trichloroethane	ND		25.0	26.1		ug/L		104	60 - 140
Trichloroethene	ND		25.0	23.8		ug/L		95	60 - 140
Trichlorofluoromethane	ND		25.0	23.6		ug/L		94	60 - 140
1,2,3-Trichloropropane	ND		25.0	23.9		ug/L		96	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	20.7		ug/L		83	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.0		ug/L		104	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	26.1		ug/L		105	60 - 140
Vinyl acetate	ND		25.0	21.3		ug/L		85	40 - 140
Vinyl chloride	ND		25.0	18.8		ug/L		75	58 - 140
m-Xylene & p-Xylene	ND		25.0	25.4		ug/L		102	60 - 140
o-Xylene	ND		25.0	26.2		ug/L		105	60 - 140
2,2-Dichloropropane	ND		25.0	26.4		ug/L		106	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 720-58974-7 MSD
Matrix: Water
Analysis Batch: 164220

Client Sample ID: MP-01-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	26.2		ug/L		105	60 - 138	4	20
Acetone	ND		125	147		ug/L		90	60 - 140	5	20
Benzene	ND		25.0	25.6		ug/L		103	60 - 140	1	20
Dichlorobromomethane	ND		25.0	25.8		ug/L		103	60 - 140	1	20
Bromobenzene	ND		25.0	24.6		ug/L		98	60 - 140	1	20
Chlorobromomethane	ND		25.0	25.0		ug/L		100	60 - 140	1	20
Bromoform	ND		25.0	24.2		ug/L		97	56 - 140	0	20
Bromomethane	ND		25.0	19.1		ug/L		76	23 - 140	1	20
2-Butanone (MEK)	ND		125	119		ug/L		95	60 - 140	4	20
n-Butylbenzene	ND		25.0	26.0		ug/L		104	60 - 140	0	20
sec-Butylbenzene	ND		25.0	25.5		ug/L		102	60 - 140	1	20
tert-Butylbenzene	ND		25.0	25.0		ug/L		100	60 - 140	0	20
Carbon disulfide	ND		25.0	24.3		ug/L		97	38 - 140	0	20
Carbon tetrachloride	ND		25.0	23.3		ug/L		93	60 - 140	0	20
Chlorobenzene	ND		25.0	24.9		ug/L		100	60 - 140	0	20
Chloroethane	ND		25.0	20.3		ug/L		81	51 - 140	1	20
Chloroform	ND		25.0	25.2		ug/L		101	60 - 140	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-7 MSD
Matrix: Water
Analysis Batch: 164220

Client Sample ID: MP-01-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	ND		25.0	18.8		ug/L		75	52 - 140	1	20
2-Chlorotoluene	ND		25.0	26.1		ug/L		105	60 - 140	0	20
4-Chlorotoluene	ND		25.0	26.2		ug/L		105	60 - 140	0	20
Chlorodibromomethane	ND		25.0	25.8		ug/L		103	60 - 140	1	20
1,2-Dichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140	0	20
1,3-Dichloropropane	ND		25.0	26.2		ug/L		105	60 - 140	2	20
1,1-Dichloropropene	ND		25.0	26.0		ug/L		104	60 - 140	0	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.7		ug/L		99	60 - 140	6	20
Ethylene Dibromide	ND		25.0	25.8		ug/L		103	60 - 140	2	20
Dibromomethane	ND		25.0	25.2		ug/L		101	60 - 140	2	20
Dichlorodifluoromethane	ND		25.0	18.5		ug/L		74	38 - 140	0	20
1,1-Dichloroethane	ND		25.0	25.7		ug/L		103	60 - 140	0	20
1,2-Dichloroethane	ND		25.0	25.2		ug/L		101	60 - 140	2	20
1,1-Dichloroethene	ND		25.0	20.7		ug/L		83	60 - 140	1	20
cis-1,2-Dichloroethene	5.1		25.0	31.0		ug/L		104	60 - 140	0	20
trans-1,2-Dichloroethene	ND		25.0	24.1		ug/L		97	60 - 140	1	20
1,2-Dichloropropane	ND		25.0	26.8		ug/L		107	60 - 140	0	20
cis-1,3-Dichloropropene	ND		25.0	27.5		ug/L		110	60 - 140	2	20
trans-1,3-Dichloropropene	ND		25.0	29.3		ug/L		117	60 - 140	1	20
Ethylbenzene	ND		25.0	24.6		ug/L		98	60 - 140	1	20
Hexachlorobutadiene	ND		25.0	24.7		ug/L		99	60 - 140	0	20
2-Hexanone	ND		125	129		ug/L		103	60 - 140	5	20
Isopropylbenzene	ND		25.0	24.9		ug/L		100	60 - 140	0	20
4-Isopropyltoluene	ND		25.0	24.9		ug/L		100	60 - 140	0	20
Methylene Chloride	ND		25.0	24.4		ug/L		98	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	133		ug/L		107	58 - 130	5	20
Naphthalene	ND		25.0	27.4		ug/L		110	56 - 140	3	20
N-Propylbenzene	ND		25.0	25.9		ug/L		104	60 - 140	0	20
Styrene	ND		25.0	25.8		ug/L		103	60 - 140	1	20
1,1,1,2-Tetrachloroethane	ND		25.0	24.6		ug/L		99	60 - 140	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	25.6		ug/L		102	60 - 140	3	20
Tetrachloroethene	ND		25.0	22.9		ug/L		92	60 - 140	1	20
Toluene	ND		25.0	24.6		ug/L		99	60 - 140	1	20
1,2,3-Trichlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140	0	20
1,2,4-Trichlorobenzene	ND		25.0	26.2		ug/L		105	60 - 140	0	20
1,1,1-Trichloroethane	ND		25.0	25.7		ug/L		103	60 - 140	1	20
1,1,2-Trichloroethane	ND		25.0	26.4		ug/L		106	60 - 140	1	20
Trichloroethene	ND		25.0	23.8		ug/L		95	60 - 140	0	20
Trichlorofluoromethane	ND		25.0	23.8		ug/L		95	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	24.8		ug/L		99	60 - 140	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	20.9		ug/L		83	60 - 140	1	20
1,2,4-Trimethylbenzene	ND		25.0	26.1		ug/L		104	60 - 140	0	20
1,3,5-Trimethylbenzene	ND		25.0	26.2		ug/L		105	60 - 140	0	20
Vinyl acetate	ND		25.0	22.1		ug/L		89	40 - 140	4	20
Vinyl chloride	ND		25.0	18.9		ug/L		76	58 - 140	0	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-7 MSD
Matrix: Water
Analysis Batch: 164220

Client Sample ID: MP-01-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	ND		25.0	25.3		ug/L		101	60 - 140	0	20
o-Xylene	ND		25.0	26.0		ug/L		104	60 - 140	1	20
2,2-Dichloropropane	ND		25.0	27.5		ug/L		110	60 - 140	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 720-164274/5
Matrix: Water
Analysis Batch: 164274

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		10		ug/L			08/04/14 09:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*		*08/04/14 09:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*72 - 130*		*08/04/14 09:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/04/14 09:21*	*1*

Lab Sample ID: LCS 720-164274/6
Matrix: Water
Analysis Batch: 164274

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl acetate	25.0	21.1		ug/L		85	43 - 163

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-164274/7
Matrix: Water
Analysis Batch: 164274

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
Vinyl acetate	25.0	20.4		ug/L		81	43 - 163	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-58974-3 MS
Matrix: Water
Analysis Batch: 164274

Client Sample ID: MW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl acetate	ND		25.0	22.1		ug/L		88	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*130*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*120*		*72 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 720-58974-3 MSD
Matrix: Water
Analysis Batch: 164274

Client Sample ID: MW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl acetate	ND		25.0	21.5		ug/L		86	40 - 140	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*116*		*72 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

GC/MS VOA

Analysis Batch: 164110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-58974-1	MW-01	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-2	MW-100	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-3	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-3 MS	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-3 MSD	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-4	MW-03	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-5	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-6	MP-01-2	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-7	MP-01-3	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-164110/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-164110/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-164110/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-164110/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-164110/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 164220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-58974-7	MP-01-3	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-7 MS	MP-01-3	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-7 MSD	MP-01-3	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-8	MP-02-1	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-9	MP-02-2	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-10	MP-02-3	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-11	MP-03-1	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-12	MP-03-2	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-13	MP-03-3	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-164220/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-164220/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-164220/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-164220/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 164220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-164220/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 164274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-58974-1	MW-01	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-2	MW-100	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-3	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-3 MS	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-3 MSD	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-4	MW-03	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-5	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-58974-6	MP-01-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-164274/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-164274/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-164274/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Client Sample ID: MW-01 — **Lab Sample ID: 720-58974-1**
Date Collected: 07/30/14 11:35 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164274	08/04/14 15:12	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 15:03	ASC	TAL PLS

Client Sample ID: MW-100 — **Lab Sample ID: 720-58974-2**
Date Collected: 07/30/14 11:40 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		2	164274	08/04/14 15:41	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		2	164110	07/31/14 15:32	ASC	TAL PLS

Client Sample ID: MW-02 — **Lab Sample ID: 720-58974-3**
Date Collected: 07/30/14 07:58 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164274	08/04/14 14:14	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 13:08	ASC	TAL PLS

Client Sample ID: MW-03 — **Lab Sample ID: 720-58974-4**
Date Collected: 07/30/14 13:30 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164274	08/04/14 16:10	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 16:01	ASC	TAL PLS

Client Sample ID: MP-01-1 — **Lab Sample ID: 720-58974-5**
Date Collected: 07/30/14 11:53 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164274	08/04/14 16:40	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 16:30	ASC	TAL PLS

Client Sample ID: MP-01-2 — **Lab Sample ID: 720-58974-6**
Date Collected: 07/30/14 12:51 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164274	08/04/14 17:09	PDR	TAL PLS

Client Sample ID: MP-01-2 — **Lab Sample ID: 720-58974-6**
Date Collected: 07/30/14 12:51 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 16:59	ASC	TAL PLS

Client Sample ID: MP-01-3 — **Lab Sample ID: 720-58974-7**
Date Collected: 07/30/14 13:50 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164110	07/31/14 17:28	ASC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	164220	08/01/14 22:21	ASC	TAL PLS

Client Sample ID: MP-02-1 — **Lab Sample ID: 720-58974-8**
Date Collected: 07/30/14 10:41 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164220	08/01/14 23:47	ASC	TAL PLS

Client Sample ID: MP-02-2 — **Lab Sample ID: 720-58974-9**
Date Collected: 07/30/14 10:01 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164220	08/02/14 00:15	ASC	TAL PLS

Client Sample ID: MP-02-3 — **Lab Sample ID: 720-58974-10**
Date Collected: 07/30/14 13:30 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164220	08/02/14 00:44	ASC	TAL PLS

Client Sample ID: MP-03-1 — **Lab Sample ID: 720-58974-11**
Date Collected: 07/30/14 11:05 — **Matrix: Water**
Date Received: 07/30/14 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164220	08/02/14 01:12	ASC	TAL PLS

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58974-1

Client Sample ID: MP-03-2

Date Collected: 07/30/14 09:45
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164220	08/02/14 01:41	ASC	TAL PLS

Client Sample ID: MP-03-3

Date Collected: 07/30/14 09:25
Date Received: 07/30/14 15:55

Lab Sample ID: 720-58974-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	164220	08/02/14 02:10	ASC	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58974-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58974-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS

Protocol References:

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

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet Cadillac Isuzu

TestAmerica Job ID: 720-58974-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-58974-1	MW-01	Water	07/30/14 11:35	07/30/14 15:55
720-58974-2	MW-100	Water	07/30/14 11:40	07/30/14 15:55
720-58974-3	MW-02	Water	07/30/14 07:58	07/30/14 15:55
720-58974-4	MW-03	Water	07/30/14 13:30	07/30/14 15:55
720-58974-5	MP-01-1	Water	07/30/14 11:53	07/30/14 15:55
720-58974-6	MP-01-2	Water	07/30/14 12:51	07/30/14 15:55
720-58974-7	MP-01-3	Water	07/30/14 13:50	07/30/14 15:55
720-58974-8	MP-02-1	Water	07/30/14 10:41	07/30/14 15:55
720-58974-9	MP-02-2	Water	07/30/14 10:01	07/30/14 15:55
720-58974-10	MP-02-3	Water	07/30/14 13:30	07/30/14 15:55
720-58974-11	MP-03-1	Water	07/30/14 11:05	07/30/14 15:55
720-58974-12	MP-03-2	Water	07/30/14 09:45	07/30/14 15:55
720-58974-13	MP-03-3	Water	07/30/14 09:25	07/30/14 15:55

CHAIN-OF-CUSTODY RECORD

720-58974

OAK 17890

PROJECT NAME: Crown Chevrolet Cadillac Isuzu			DATE: 7/30/14 PAGE 1 OF 1
PROJECT NUMBER: 60160878.00008.A	LABORATORY NAME: TA	CLIENT INFORMATION: AMEC	REPORTING REQUIREMENTS: 155302
RESULTS TO: avery.whitmarsh@amec.com david.albut@amec.com	LABORATORY ADDRESS	David Albut 510-847-8411	
TURNAROUND TIME: Standard			
SAMPLE SHIPMENT METHOD: delivered to lab	LABORATORY CONTACT		GEOTRACKER REQUIRED (YES) NO
	LABORATORY PHONE NUMBER		SITE SPECIFIC GLOBAL ID NO SL720064124

SAMPLERS (SIGNATURE): D Albut

ANALYSES

	DATE	TIME	SAMPLE NUMBER	VOCs (8260B)	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
1	7/30/14	1135	MW-01	X	40 ml HCl VOA	W		HCl	X		3	
2		1140	MW-100	X								
3		0758	MW-02	X						X	9	MS/MSD
4		1330	MW-03	X							3	
5		1153	MP-01-1	X								
6		1251	MP-01-2	X								
7		1350	MP-01-3	X								
8		1041	MP-02-1	X								
9		1001	MP-02-2	X								
10		1330	MP-02-3	X								
11		1105	MP-03-1	X								
12		0945	MP-03-2	X								
13		0925	MP-03-3	X								

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: D Albut	7/30/14	1555	SIGNATURE:	7/30/14	1555
PRINTED NAME: David Albut			PRINTED NAME:		
COMPANY: AMEC			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: PO# C012202707

4.6°C

720-58974 Chain of Custody

2101 Webster Street, 12th Floor
Oakland, California 94612-3066
Tel 510.663.4100 Fax 510.663.4141

amec

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-58974-1

Login Number: 58974
List Number: 1
Creator: Bullock, Tracy

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60396-1
Client Project/Site: Crown Chevrolet

For:
AMEC Environment & Infrastructure, Inc.
180 Grand Avenue
Suite 1100
Oakland, California 94612

Attn: Avery Whitmarsh

Authorized for release by:
10/20/2014 4:15:54 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@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)

Job ID: 720-60396-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-60396-1

Comments
No additional comments.

Receipt
The samples were received on 10/6/2014 5:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.6° C and 3.2° C.

GC/MS VOA
Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: MW-01 (720-60396-1), MW-100 (720-60396-2). PCE

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: MP-02-1 (720-60396-7). CIS-1,2-DCE

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: MP-01-1 (720-60396-4). CIS-2,2DCE, TCE, PCE

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

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-60396-1

Client Sample ID: MW-01 — Lab Sample ID: 720-60396-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	82		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	0.95		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	66	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-100 — Lab Sample ID: 720-60396-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	90		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	0.97		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	72	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-02 — Lab Sample ID: 720-60396-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.8		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	4.7		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	9.1		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-01-1 — Lab Sample ID: 720-60396-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.4		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	58		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	17		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	64	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-01-2 — Lab Sample ID: 720-60396-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	43		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-01-3 — Lab Sample ID: 720-60396-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.8		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-1 — Lab Sample ID: 720-60396-7

This Detection Summary does not include radiochemical test results.

Client Sample ID: MP-02-1 (Continued) — Lab Sample ID: 720-60396-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	85		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	0.61		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	53	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-3 — Lab Sample ID: 720-60396-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	29		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-03-1 — Lab Sample ID: 720-60396-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.63		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	22		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	4.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-03-2 — Lab Sample ID: 720-60396-10

No Detections.

Client Sample ID: MP-03-3 — Lab Sample ID: 720-60396-11

No Detections.

Client Sample ID: MP-04-1 — Lab Sample ID: 720-60396-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	0.76		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	12		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-04-2 — Lab Sample ID: 720-60396-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.3		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-04-3 — Lab Sample ID: 720-60396-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-60396-1

Client Sample ID: TB100614-1 — **Lab Sample ID: 720-60396-15**

No Detections.

Client Sample ID: TB100614-2 — **Lab Sample ID: 720-60396-16**

No Detections.

This Detection Summary does not include radiochemical test results.

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MW-01
Date Collected: 10/06/14 12:25
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 13:14	1
Acetone	ND		50		ug/L			10/15/14 13:14	1
Benzene	ND		0.50		ug/L			10/15/14 13:14	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 13:14	1
Bromobenzene	ND		1.0		ug/L			10/15/14 13:14	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 13:14	1
Bromoform	ND		1.0		ug/L			10/15/14 13:14	1
Bromomethane	ND		1.0		ug/L			10/15/14 13:14	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 13:14	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 13:14	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 13:14	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 13:14	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 13:14	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 13:14	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 13:14	1
Chloroethane	ND		1.0		ug/L			10/15/14 13:14	1
Chloroform	ND		1.0		ug/L			10/15/14 13:14	1
Chloromethane	ND		1.0		ug/L			10/15/14 13:14	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 13:14	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 13:14	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 13:14	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 13:14	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 13:14	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 13:14	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 13:14	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 13:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 13:14	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 13:14	1
Dibromomethane	ND		0.50		ug/L			10/15/14 13:14	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 13:14	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 13:14	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 13:14	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 13:14	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 13:14	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 13:14	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 13:14	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 13:14	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 13:14	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 13:14	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 13:14	1
2-Hexanone	ND		50		ug/L			10/15/14 13:14	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 13:14	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 13:14	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 13:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 13:14	1
Naphthalene	ND		1.0		ug/L			10/15/14 13:14	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 13:14	1
Styrene	ND		0.50		ug/L			10/15/14 13:14	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 13:14	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-01
Date Collected: 10/06/14 12:25
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 13:14	1
Tetrachloroethene	**82**		0.50		ug/L			10/15/14 13:14	1
Toluene	ND		0.50		ug/L			10/15/14 13:14	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 13:14	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 13:14	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 13:14	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 13:14	1
Trichloroethene	**0.95**		0.50		ug/L			10/15/14 13:14	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 13:14	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 13:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 13:14	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 13:14	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 13:14	1
Vinyl acetate	ND		10		ug/L			10/15/14 13:14	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 13:14	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 13:14	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 13:14	1
Gasoline Range Organics (GRO) -C5-C12	**66**	R	50		ug/L			10/15/14 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*67 - 130*		*10/15/14 13:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*		*10/15/14 13:14*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/15/14 13:14*	*1*

Client Sample ID: MW-100
Date Collected: 10/06/14 12:30
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 13:43	1
Acetone	ND		50		ug/L			10/15/14 13:43	1
Benzene	ND		0.50		ug/L			10/15/14 13:43	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 13:43	1
Bromobenzene	ND		1.0		ug/L			10/15/14 13:43	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 13:43	1
Bromoform	ND		1.0		ug/L			10/15/14 13:43	1
Bromomethane	ND		1.0		ug/L			10/15/14 13:43	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 13:43	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 13:43	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 13:43	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 13:43	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 13:43	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 13:43	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 13:43	1
Chloroethane	ND		1.0		ug/L			10/15/14 13:43	1
Chloroform	ND		1.0		ug/L			10/15/14 13:43	1
Chloromethane	ND		1.0		ug/L			10/15/14 13:43	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 13:43	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 13:43	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 13:43	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-100
Date Collected: 10/06/14 12:30
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 13:43	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 13:43	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 13:43	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 13:43	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 13:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 13:43	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 13:43	1
Dibromomethane	ND		0.50		ug/L			10/15/14 13:43	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 13:43	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 13:43	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 13:43	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 13:43	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 13:43	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 13:43	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 13:43	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 13:43	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 13:43	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 13:43	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 13:43	1
2-Hexanone	ND		50		ug/L			10/15/14 13:43	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 13:43	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 13:43	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 13:43	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 13:43	1
Naphthalene	ND		1.0		ug/L			10/15/14 13:43	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 13:43	1
Styrene	ND		0.50		ug/L			10/15/14 13:43	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 13:43	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 13:43	1
Tetrachloroethene	**90**		0.50		ug/L			10/15/14 13:43	1
Toluene	ND		0.50		ug/L			10/15/14 13:43	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 13:43	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 13:43	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 13:43	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 13:43	1
Trichloroethene	**0.97**		0.50		ug/L			10/15/14 13:43	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 13:43	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 13:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 13:43	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 13:43	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 13:43	1
Vinyl acetate	ND		10		ug/L			10/15/14 13:43	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 13:43	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 13:43	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 13:43	1
Gasoline Range Organics (GRO) -C5-C12	**72**	R	50		ug/L			10/15/14 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*67 - 130*		*10/15/14 13:43*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-100
Date Collected: 10/06/14 12:30
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 130*		*10/15/14 13:43*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/15/14 13:43*	*1*

Client Sample ID: MW-02
Date Collected: 10/06/14 08:40
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 12:17	1
Acetone	ND		50		ug/L			10/15/14 12:17	1
Benzene	ND		0.50		ug/L			10/15/14 12:17	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 12:17	1
Bromobenzene	ND		1.0		ug/L			10/15/14 12:17	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 12:17	1
Bromoform	ND		1.0		ug/L			10/15/14 12:17	1
Bromomethane	ND		1.0		ug/L			10/15/14 12:17	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 12:17	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 12:17	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 12:17	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 12:17	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 12:17	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 12:17	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 12:17	1
Chloroethane	ND		1.0		ug/L			10/15/14 12:17	1
Chloroform	ND		1.0		ug/L			10/15/14 12:17	1
Chloromethane	ND		1.0		ug/L			10/15/14 12:17	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 12:17	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 12:17	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 12:17	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 12:17	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 12:17	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 12:17	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 12:17	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 12:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 12:17	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 12:17	1
Dibromomethane	ND		0.50		ug/L			10/15/14 12:17	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 12:17	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 12:17	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 12:17	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 12:17	1
cis-1,2-Dichloroethene	**2.8**		0.50		ug/L			10/15/14 12:17	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 12:17	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 12:17	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 12:17	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 12:17	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 12:17	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 12:17	1
2-Hexanone	ND		50		ug/L			10/15/14 12:17	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 12:17	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-02
Date Collected: 10/06/14 08:40
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 12:17	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 12:17	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 12:17	1
Naphthalene	ND		1.0		ug/L			10/15/14 12:17	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 12:17	1
Styrene	ND		0.50		ug/L			10/15/14 12:17	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 12:17	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 12:17	1
Tetrachloroethene	**4.7**		0.50		ug/L			10/15/14 12:17	1
Toluene	ND		0.50		ug/L			10/15/14 12:17	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 12:17	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 12:17	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 12:17	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 12:17	1
Trichloroethene	**9.1**		0.50		ug/L			10/15/14 12:17	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 12:17	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 12:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 12:17	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 12:17	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 12:17	1
Vinyl acetate	ND		10		ug/L			10/15/14 12:17	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 12:17	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 12:17	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 12:17	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*67 - 130*		*10/15/14 12:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*		*10/15/14 12:17*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/15/14 12:17*	*1*

Client Sample ID: MP-01-1
Date Collected: 10/06/14 12:35
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 14:11	1
Acetone	ND		50		ug/L			10/15/14 14:11	1
Benzene	ND		0.50		ug/L			10/15/14 14:11	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 14:11	1
Bromobenzene	ND		1.0		ug/L			10/15/14 14:11	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 14:11	1
Bromoform	ND		1.0		ug/L			10/15/14 14:11	1
Bromomethane	ND		1.0		ug/L			10/15/14 14:11	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 14:11	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 14:11	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 14:11	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 14:11	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 14:11	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 14:11	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-1
Date Collected: 10/06/14 12:35
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			10/15/14 14:11	1
Chloroethane	ND		1.0		ug/L			10/15/14 14:11	1
Chloroform	ND		1.0		ug/L			10/15/14 14:11	1
Chloromethane	ND		1.0		ug/L			10/15/14 14:11	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 14:11	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 14:11	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 14:11	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 14:11	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 14:11	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 14:11	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 14:11	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 14:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 14:11	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 14:11	1
Dibromomethane	ND		0.50		ug/L			10/15/14 14:11	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 14:11	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 14:11	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 14:11	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 14:11	1
cis-1,2-Dichloroethene	**4.4**		0.50		ug/L			10/15/14 14:11	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 14:11	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 14:11	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 14:11	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 14:11	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 14:11	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 14:11	1
2-Hexanone	ND		50		ug/L			10/15/14 14:11	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 14:11	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 14:11	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 14:11	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 14:11	1
Naphthalene	ND		1.0		ug/L			10/15/14 14:11	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 14:11	1
Styrene	ND		0.50		ug/L			10/15/14 14:11	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 14:11	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 14:11	1
Tetrachloroethene	**58**		0.50		ug/L			10/15/14 14:11	1
Toluene	ND		0.50		ug/L			10/15/14 14:11	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 14:11	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 14:11	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 14:11	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 14:11	1
Trichloroethene	**17**		0.50		ug/L			10/15/14 14:11	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 14:11	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 14:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 14:11	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 14:11	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 14:11	1
Vinyl acetate	ND		10		ug/L			10/15/14 14:11	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-1
Date Collected: 10/06/14 12:35
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			10/15/14 14:11	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 14:11	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 14:11	1
Gasoline Range Organics (GRO) -C5-C12	**64**	R	50		ug/L			10/15/14 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*67 - 130*		*10/15/14 14:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 130*		*10/15/14 14:11*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*10/15/14 14:11*	*1*

Client Sample ID: MP-01-2
Date Collected: 10/06/14 13:30
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 14:40	1
Acetone	ND		50		ug/L			10/15/14 14:40	1
Benzene	ND		0.50		ug/L			10/15/14 14:40	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 14:40	1
Bromobenzene	ND		1.0		ug/L			10/15/14 14:40	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 14:40	1
Bromoform	ND		1.0		ug/L			10/15/14 14:40	1
Bromomethane	ND		1.0		ug/L			10/15/14 14:40	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 14:40	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 14:40	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 14:40	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 14:40	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 14:40	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 14:40	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 14:40	1
Chloroethane	ND		1.0		ug/L			10/15/14 14:40	1
Chloroform	ND		1.0		ug/L			10/15/14 14:40	1
Chloromethane	ND		1.0		ug/L			10/15/14 14:40	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 14:40	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 14:40	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 14:40	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 14:40	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 14:40	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 14:40	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 14:40	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 14:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 14:40	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 14:40	1
Dibromomethane	ND		0.50		ug/L			10/15/14 14:40	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 14:40	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 14:40	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 14:40	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 14:40	1
cis-1,2-Dichloroethene	**43**		0.50		ug/L			10/15/14 14:40	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 14:40	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-2
Date Collected: 10/06/14 13:30
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 14:40	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 14:40	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 14:40	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 14:40	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 14:40	1
2-Hexanone	ND		50		ug/L			10/15/14 14:40	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 14:40	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 14:40	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 14:40	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 14:40	1
Naphthalene	ND		1.0		ug/L			10/15/14 14:40	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 14:40	1
Styrene	ND		0.50		ug/L			10/15/14 14:40	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 14:40	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 14:40	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 14:40	1
Toluene	ND		0.50		ug/L			10/15/14 14:40	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 14:40	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 14:40	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 14:40	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 14:40	1
Trichloroethene	ND		0.50		ug/L			10/15/14 14:40	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 14:40	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 14:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 14:40	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 14:40	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 14:40	1
Vinyl acetate	ND		10		ug/L			10/15/14 14:40	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 14:40	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 14:40	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 14:40	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*67 - 130*		*10/15/14 14:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*		*10/15/14 14:40*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/15/14 14:40*	*1*

Client Sample ID: MP-01-3
Date Collected: 10/06/14 14:20
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 15:08	1
Acetone	ND		50		ug/L			10/15/14 15:08	1
Benzene	ND		0.50		ug/L			10/15/14 15:08	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 15:08	1
Bromobenzene	ND		1.0		ug/L			10/15/14 15:08	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 15:08	1
Bromoform	ND		1.0		ug/L			10/15/14 15:08	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-3
Date Collected: 10/06/14 14:20
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			10/15/14 15:08	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 15:08	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 15:08	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 15:08	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 15:08	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 15:08	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 15:08	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 15:08	1
Chloroethane	ND		1.0		ug/L			10/15/14 15:08	1
Chloroform	ND		1.0		ug/L			10/15/14 15:08	1
Chloromethane	ND		1.0		ug/L			10/15/14 15:08	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 15:08	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 15:08	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 15:08	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:08	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:08	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:08	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 15:08	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 15:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 15:08	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 15:08	1
Dibromomethane	ND		0.50		ug/L			10/15/14 15:08	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 15:08	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 15:08	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 15:08	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 15:08	1
cis-1,2-Dichloroethene	**8.8**		0.50		ug/L			10/15/14 15:08	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 15:08	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 15:08	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 15:08	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 15:08	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 15:08	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 15:08	1
2-Hexanone	ND		50		ug/L			10/15/14 15:08	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 15:08	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 15:08	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 15:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 15:08	1
Naphthalene	ND		1.0		ug/L			10/15/14 15:08	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 15:08	1
Styrene	ND		0.50		ug/L			10/15/14 15:08	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 15:08	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 15:08	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 15:08	1
Toluene	ND		0.50		ug/L			10/15/14 15:08	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 15:08	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 15:08	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 15:08	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 15:08	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-3
Date Collected: 10/06/14 14:20
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			10/15/14 15:08	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 15:08	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 15:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 15:08	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 15:08	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 15:08	1
Vinyl acetate	ND		10		ug/L			10/15/14 15:08	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 15:08	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 15:08	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 15:08	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*67 - 130*		*10/15/14 15:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 130*		*10/15/14 15:08*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/15/14 15:08*	*1*

Client Sample ID: MP-02-1
Date Collected: 10/06/14 09:35
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 15:36	1
Acetone	ND		50		ug/L			10/15/14 15:36	1
Benzene	ND		0.50		ug/L			10/15/14 15:36	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 15:36	1
Bromobenzene	ND		1.0		ug/L			10/15/14 15:36	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 15:36	1
Bromoform	ND		1.0		ug/L			10/15/14 15:36	1
Bromomethane	ND		1.0		ug/L			10/15/14 15:36	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 15:36	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 15:36	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 15:36	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 15:36	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 15:36	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 15:36	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 15:36	1
Chloroethane	ND		1.0		ug/L			10/15/14 15:36	1
Chloroform	ND		1.0		ug/L			10/15/14 15:36	1
Chloromethane	ND		1.0		ug/L			10/15/14 15:36	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 15:36	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 15:36	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 15:36	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:36	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:36	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:36	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 15:36	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 15:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 15:36	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 15:36	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-02-1
Date Collected: 10/06/14 09:35
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			10/15/14 15:36	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 15:36	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 15:36	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 15:36	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 15:36	1
cis-1,2-Dichloroethene	**85**		0.50		ug/L			10/15/14 15:36	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 15:36	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 15:36	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 15:36	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 15:36	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 15:36	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 15:36	1
2-Hexanone	ND		50		ug/L			10/15/14 15:36	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 15:36	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 15:36	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 15:36	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 15:36	1
Naphthalene	ND		1.0		ug/L			10/15/14 15:36	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 15:36	1
Styrene	ND		0.50		ug/L			10/15/14 15:36	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 15:36	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 15:36	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 15:36	1
Toluene	ND		0.50		ug/L			10/15/14 15:36	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 15:36	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 15:36	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 15:36	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 15:36	1
Trichloroethene	**0.61**		0.50		ug/L			10/15/14 15:36	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 15:36	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 15:36	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 15:36	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 15:36	1
Vinyl acetate	ND		10		ug/L			10/15/14 15:36	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 15:36	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 15:36	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 15:36	1
Gasoline Range Organics (GRO) -C5-C12	**53**	R	50		ug/L			10/15/14 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*67 - 130*		*10/15/14 15:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 130*		*10/15/14 15:36*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*10/15/14 15:36*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MP-02-3
Date Collected: 10/06/14 11:05
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 16:05	1
Acetone	ND		50		ug/L			10/15/14 16:05	1
Benzene	ND		0.50		ug/L			10/15/14 16:05	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 16:05	1
Bromobenzene	ND		1.0		ug/L			10/15/14 16:05	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 16:05	1
Bromoform	ND		1.0		ug/L			10/15/14 16:05	1
Bromomethane	ND		1.0		ug/L			10/15/14 16:05	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 16:05	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 16:05	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 16:05	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 16:05	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 16:05	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 16:05	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 16:05	1
Chloroethane	ND		1.0		ug/L			10/15/14 16:05	1
Chloroform	ND		1.0		ug/L			10/15/14 16:05	1
Chloromethane	ND		1.0		ug/L			10/15/14 16:05	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 16:05	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 16:05	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 16:05	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:05	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:05	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:05	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 16:05	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 16:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 16:05	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 16:05	1
Dibromomethane	ND		0.50		ug/L			10/15/14 16:05	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 16:05	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 16:05	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 16:05	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 16:05	1
cis-1,2-Dichloroethene	**29**		0.50		ug/L			10/15/14 16:05	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 16:05	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 16:05	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 16:05	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 16:05	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 16:05	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 16:05	1
2-Hexanone	ND		50		ug/L			10/15/14 16:05	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 16:05	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 16:05	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 16:05	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 16:05	1
Naphthalene	ND		1.0		ug/L			10/15/14 16:05	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 16:05	1
Styrene	ND		0.50		ug/L			10/15/14 16:05	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 16:05	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-02-3
Date Collected: 10/06/14 11:05
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 16:05	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 16:05	1
Toluene	ND		0.50		ug/L			10/15/14 16:05	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 16:05	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 16:05	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 16:05	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 16:05	1
Trichloroethene	ND		0.50		ug/L			10/15/14 16:05	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 16:05	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 16:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 16:05	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 16:05	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 16:05	1
Vinyl acetate	ND		10		ug/L			10/15/14 16:05	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 16:05	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 16:05	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 16:05	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*67 - 130*		*10/15/14 16:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*10/15/14 16:05*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*10/15/14 16:05*	*1*

Client Sample ID: MP-03-1
Date Collected: 10/06/14 11:15
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 16:34	1
Acetone	ND		50		ug/L			10/15/14 16:34	1
Benzene	ND		0.50		ug/L			10/15/14 16:34	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 16:34	1
Bromobenzene	ND		1.0		ug/L			10/15/14 16:34	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 16:34	1
Bromoform	ND		1.0		ug/L			10/15/14 16:34	1
Bromomethane	ND		1.0		ug/L			10/15/14 16:34	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 16:34	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 16:34	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 16:34	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 16:34	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 16:34	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 16:34	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 16:34	1
Chloroethane	ND		1.0		ug/L			10/15/14 16:34	1
Chloroform	ND		1.0		ug/L			10/15/14 16:34	1
Chloromethane	ND		1.0		ug/L			10/15/14 16:34	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 16:34	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 16:34	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 16:34	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-1
Date Collected: 10/06/14 11:15
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:34	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:34	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:34	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 16:34	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 16:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 16:34	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 16:34	1
Dibromomethane	ND		0.50		ug/L			10/15/14 16:34	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 16:34	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 16:34	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 16:34	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 16:34	1
cis-1,2-Dichloroethene	**0.63**		0.50		ug/L			10/15/14 16:34	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 16:34	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 16:34	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 16:34	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 16:34	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 16:34	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 16:34	1
2-Hexanone	ND		50		ug/L			10/15/14 16:34	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 16:34	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 16:34	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 16:34	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 16:34	1
Naphthalene	ND		1.0		ug/L			10/15/14 16:34	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 16:34	1
Styrene	ND		0.50		ug/L			10/15/14 16:34	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 16:34	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 16:34	1
Tetrachloroethene	**22**		0.50		ug/L			10/15/14 16:34	1
Toluene	ND		0.50		ug/L			10/15/14 16:34	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 16:34	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 16:34	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 16:34	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 16:34	1
Trichloroethene	**4.0**		0.50		ug/L			10/15/14 16:34	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 16:34	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 16:34	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 16:34	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 16:34	1
Vinyl acetate	ND		10		ug/L			10/15/14 16:34	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 16:34	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 16:34	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 16:34	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*67 - 130*		*10/15/14 16:34*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-1
Date Collected: 10/06/14 11:15
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		72 - 130		10/15/14 16:34	1
Toluene-d8 (Surr)	93		70 - 130		10/15/14 16:34	1

Client Sample ID: MP-03-2
Date Collected: 10/06/14 08:35
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 17:02	1
Acetone	ND		50		ug/L			10/15/14 17:02	1
Benzene	ND		0.50		ug/L			10/15/14 17:02	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 17:02	1
Bromobenzene	ND		1.0		ug/L			10/15/14 17:02	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 17:02	1
Bromoform	ND		1.0		ug/L			10/15/14 17:02	1
Bromomethane	ND		1.0		ug/L			10/15/14 17:02	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 17:02	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 17:02	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 17:02	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 17:02	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 17:02	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 17:02	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 17:02	1
Chloroethane	ND		1.0		ug/L			10/15/14 17:02	1
Chloroform	ND		1.0		ug/L			10/15/14 17:02	1
Chloromethane	ND		1.0		ug/L			10/15/14 17:02	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 17:02	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 17:02	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 17:02	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:02	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:02	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:02	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 17:02	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 17:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 17:02	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 17:02	1
Dibromomethane	ND		0.50		ug/L			10/15/14 17:02	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 17:02	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 17:02	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 17:02	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 17:02	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 17:02	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 17:02	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 17:02	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 17:02	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 17:02	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 17:02	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 17:02	1
2-Hexanone	ND		50		ug/L			10/15/14 17:02	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 17:02	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-2
Date Collected: 10/06/14 08:35
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 17:02	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 17:02	1
Naphthalene	ND		1.0		ug/L			10/15/14 17:02	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 17:02	1
Styrene	ND		0.50		ug/L			10/15/14 17:02	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 17:02	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 17:02	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 17:02	1
Toluene	ND		0.50		ug/L			10/15/14 17:02	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 17:02	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 17:02	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 17:02	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 17:02	1
Trichloroethene	ND		0.50		ug/L			10/15/14 17:02	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 17:02	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 17:02	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 17:02	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 17:02	1
Vinyl acetate	ND		10		ug/L			10/15/14 17:02	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 17:02	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 17:02	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 17:02	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*67 - 130*		*10/15/14 17:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*		*10/15/14 17:02*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/15/14 17:02*	*1*

Client Sample ID: MP-03-3
Date Collected: 10/06/14 11:00
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 17:31	1
Acetone	ND		50		ug/L			10/15/14 17:31	1
Benzene	ND		0.50		ug/L			10/15/14 17:31	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 17:31	1
Bromobenzene	ND		1.0		ug/L			10/15/14 17:31	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 17:31	1
Bromoform	ND		1.0		ug/L			10/15/14 17:31	1
Bromomethane	ND		1.0		ug/L			10/15/14 17:31	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 17:31	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 17:31	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 17:31	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 17:31	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 17:31	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 17:31	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-3
Date Collected: 10/06/14 11:00
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			10/15/14 17:31	1
Chloroethane	ND		1.0		ug/L			10/15/14 17:31	1
Chloroform	ND		1.0		ug/L			10/15/14 17:31	1
Chloromethane	ND		1.0		ug/L			10/15/14 17:31	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 17:31	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 17:31	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 17:31	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:31	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:31	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:31	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 17:31	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 17:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 17:31	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 17:31	1
Dibromomethane	ND		0.50		ug/L			10/15/14 17:31	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 17:31	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 17:31	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 17:31	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 17:31	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 17:31	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 17:31	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 17:31	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 17:31	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 17:31	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 17:31	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 17:31	1
2-Hexanone	ND		50		ug/L			10/15/14 17:31	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 17:31	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 17:31	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 17:31	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 17:31	1
Naphthalene	ND		1.0		ug/L			10/15/14 17:31	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 17:31	1
Styrene	ND		0.50		ug/L			10/15/14 17:31	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 17:31	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 17:31	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 17:31	1
Toluene	ND		0.50		ug/L			10/15/14 17:31	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 17:31	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 17:31	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 17:31	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 17:31	1
Trichloroethene	ND		0.50		ug/L			10/15/14 17:31	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 17:31	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 17:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 17:31	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 17:31	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 17:31	1
Vinyl acetate	ND		10		ug/L			10/15/14 17:31	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-3
Date Collected: 10/06/14 11:00
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			10/15/14 17:31	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 17:31	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 17:31	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*67 - 130*		*10/15/14 17:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*		*10/15/14 17:31*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*10/15/14 17:31*	*1*

Client Sample ID: MP-04-1
Date Collected: 10/06/14 12:40
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 17:59	1
Acetone	ND		50		ug/L			10/15/14 17:59	1
Benzene	ND		0.50		ug/L			10/15/14 17:59	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 17:59	1
Bromobenzene	ND		1.0		ug/L			10/15/14 17:59	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 17:59	1
Bromoform	ND		1.0		ug/L			10/15/14 17:59	1
Bromomethane	ND		1.0		ug/L			10/15/14 17:59	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 17:59	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 17:59	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 17:59	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 17:59	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 17:59	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 17:59	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 17:59	1
Chloroethane	ND		1.0		ug/L			10/15/14 17:59	1
Chloroform	ND		1.0		ug/L			10/15/14 17:59	1
Chloromethane	ND		1.0		ug/L			10/15/14 17:59	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 17:59	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 17:59	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 17:59	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:59	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:59	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:59	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 17:59	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 17:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 17:59	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 17:59	1
Dibromomethane	ND		0.50		ug/L			10/15/14 17:59	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 17:59	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 17:59	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 17:59	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 17:59	1
cis-1,2-Dichloroethene	**2.2**		0.50		ug/L			10/15/14 17:59	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 17:59	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-04-1
Date Collected: 10/06/14 12:40
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 17:59	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 17:59	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 17:59	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 17:59	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 17:59	1
2-Hexanone	ND		50		ug/L			10/15/14 17:59	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 17:59	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 17:59	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 17:59	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 17:59	1
Naphthalene	ND		1.0		ug/L			10/15/14 17:59	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 17:59	1
Styrene	ND		0.50		ug/L			10/15/14 17:59	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 17:59	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 17:59	1
Tetrachloroethene	**0.76**		0.50		ug/L			10/15/14 17:59	1
Toluene	ND		0.50		ug/L			10/15/14 17:59	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 17:59	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 17:59	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 17:59	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 17:59	1
Trichloroethene	**12**		0.50		ug/L			10/15/14 17:59	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 17:59	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 17:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 17:59	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 17:59	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 17:59	1
Vinyl acetate	ND		10		ug/L			10/15/14 17:59	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 17:59	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 17:59	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 17:59	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*67 - 130*		*10/15/14 17:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*10/15/14 17:59*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/15/14 17:59*	*1*

Client Sample ID: MP-04-2
Date Collected: 10/06/14 12:50
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 16:50	1
Acetone	ND		50		ug/L			10/15/14 16:50	1
Benzene	ND		0.50		ug/L			10/15/14 16:50	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 16:50	1
Bromobenzene	ND		1.0		ug/L			10/15/14 16:50	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 16:50	1
Bromoform	ND		1.0		ug/L			10/15/14 16:50	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-04-2
Date Collected: 10/06/14 12:50
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			10/15/14 16:50	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 16:50	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 16:50	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 16:50	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 16:50	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 16:50	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 16:50	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 16:50	1
Chloroethane	ND		1.0		ug/L			10/15/14 16:50	1
Chloroform	ND		1.0		ug/L			10/15/14 16:50	1
Chloromethane	ND		1.0		ug/L			10/15/14 16:50	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 16:50	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 16:50	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 16:50	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:50	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:50	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:50	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 16:50	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 16:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 16:50	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 16:50	1
Dibromomethane	ND		0.50		ug/L			10/15/14 16:50	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 16:50	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 16:50	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 16:50	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 16:50	1
cis-1,2-Dichloroethene	**2.3**		0.50		ug/L			10/15/14 16:50	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 16:50	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 16:50	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 16:50	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 16:50	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 16:50	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 16:50	1
2-Hexanone	ND		50		ug/L			10/15/14 16:50	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 16:50	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 16:50	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 16:50	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 16:50	1
Naphthalene	ND		1.0		ug/L			10/15/14 16:50	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 16:50	1
Styrene	ND		0.50		ug/L			10/15/14 16:50	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 16:50	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 16:50	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 16:50	1
Toluene	ND		0.50		ug/L			10/15/14 16:50	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 16:50	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 16:50	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 16:50	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 16:50	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-04-2
Date Collected: 10/06/14 12:50
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			10/15/14 16:50	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 16:50	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 16:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 16:50	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 16:50	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 16:50	1
Vinyl acetate	ND		10		ug/L			10/15/14 16:50	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 16:50	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 16:50	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 16:50	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 130*		*10/15/14 16:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*72 - 130*		*10/15/14 16:50*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/15/14 16:50*	*1*

Client Sample ID: MP-04-3
Date Collected: 10/06/14 09:35
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 17:20	1
Acetone	ND		50		ug/L			10/15/14 17:20	1
Benzene	ND		0.50		ug/L			10/15/14 17:20	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 17:20	1
Bromobenzene	ND		1.0		ug/L			10/15/14 17:20	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 17:20	1
Bromoform	ND		1.0		ug/L			10/15/14 17:20	1
Bromomethane	ND		1.0		ug/L			10/15/14 17:20	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 17:20	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 17:20	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 17:20	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 17:20	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 17:20	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 17:20	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 17:20	1
Chloroethane	ND		1.0		ug/L			10/15/14 17:20	1
Chloroform	ND		1.0		ug/L			10/15/14 17:20	1
Chloromethane	ND		1.0		ug/L			10/15/14 17:20	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 17:20	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 17:20	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 17:20	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:20	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:20	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 17:20	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 17:20	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 17:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 17:20	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 17:20	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-04-3
Date Collected: 10/06/14 09:35
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			10/15/14 17:20	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 17:20	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 17:20	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 17:20	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 17:20	1
cis-1,2-Dichloroethene	**1.0**		0.50		ug/L			10/15/14 17:20	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 17:20	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 17:20	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 17:20	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 17:20	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 17:20	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 17:20	1
2-Hexanone	ND		50		ug/L			10/15/14 17:20	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 17:20	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 17:20	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 17:20	1
Naphthalene	ND		1.0		ug/L			10/15/14 17:20	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 17:20	1
Styrene	ND		0.50		ug/L			10/15/14 17:20	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 17:20	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 17:20	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 17:20	1
Toluene	ND		0.50		ug/L			10/15/14 17:20	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 17:20	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 17:20	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 17:20	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 17:20	1
Trichloroethene	ND		0.50		ug/L			10/15/14 17:20	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 17:20	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 17:20	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 17:20	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 17:20	1
Vinyl acetate	ND		10		ug/L			10/15/14 17:20	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 17:20	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 17:20	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 17:20	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 130*		*10/15/14 17:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*72 - 130*		*10/15/14 17:20*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*10/15/14 17:20*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: TB100614-1
Date Collected: 10/06/14 08:00
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 12:46	1
Acetone	ND		50		ug/L			10/15/14 12:46	1
Benzene	ND		0.50		ug/L			10/15/14 12:46	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 12:46	1
Bromobenzene	ND		1.0		ug/L			10/15/14 12:46	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 12:46	1
Bromoform	ND		1.0		ug/L			10/15/14 12:46	1
Bromomethane	ND		1.0		ug/L			10/15/14 12:46	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 12:46	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 12:46	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 12:46	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 12:46	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 12:46	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 12:46	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 12:46	1
Chloroethane	ND		1.0		ug/L			10/15/14 12:46	1
Chloroform	ND		1.0		ug/L			10/15/14 12:46	1
Chloromethane	ND		1.0		ug/L			10/15/14 12:46	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 12:46	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 12:46	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 12:46	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 12:46	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 12:46	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 12:46	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 12:46	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 12:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 12:46	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 12:46	1
Dibromomethane	ND		0.50		ug/L			10/15/14 12:46	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 12:46	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 12:46	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 12:46	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 12:46	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 12:46	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 12:46	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 12:46	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 12:46	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 12:46	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 12:46	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 12:46	1
2-Hexanone	ND		50		ug/L			10/15/14 12:46	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 12:46	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 12:46	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 12:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 12:46	1
Naphthalene	ND		1.0		ug/L			10/15/14 12:46	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 12:46	1
Styrene	ND		0.50		ug/L			10/15/14 12:46	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 12:46	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: TB100614-1
Date Collected: 10/06/14 08:00
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 12:46	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 12:46	1
Toluene	ND		0.50		ug/L			10/15/14 12:46	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 12:46	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 12:46	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 12:46	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 12:46	1
Trichloroethene	ND		0.50		ug/L			10/15/14 12:46	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 12:46	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 12:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 12:46	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 12:46	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 12:46	1
Vinyl acetate	ND		10		ug/L			10/15/14 12:46	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 12:46	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 12:46	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 12:46	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*67 - 130*		*10/15/14 12:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*		*10/15/14 12:46*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*10/15/14 12:46*	*1*

Client Sample ID: TB100614-2
Date Collected: 10/06/14 08:02
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 12:42	1
Acetone	ND		50		ug/L			10/15/14 12:42	1
Benzene	ND		0.50		ug/L			10/15/14 12:42	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 12:42	1
Bromobenzene	ND		1.0		ug/L			10/15/14 12:42	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 12:42	1
Bromoform	ND		1.0		ug/L			10/15/14 12:42	1
Bromomethane	ND		1.0		ug/L			10/15/14 12:42	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 12:42	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 12:42	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 12:42	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 12:42	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 12:42	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 12:42	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 12:42	1
Chloroethane	ND		1.0		ug/L			10/15/14 12:42	1
Chloroform	ND		1.0		ug/L			10/15/14 12:42	1
Chloromethane	ND		1.0		ug/L			10/15/14 12:42	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 12:42	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 12:42	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 12:42	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: TB100614-2
Date Collected: 10/06/14 08:02
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 12:42	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 12:42	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 12:42	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 12:42	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 12:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 12:42	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 12:42	1
Dibromomethane	ND		0.50		ug/L			10/15/14 12:42	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 12:42	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 12:42	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 12:42	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 12:42	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 12:42	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 12:42	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 12:42	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 12:42	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 12:42	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 12:42	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 12:42	1
2-Hexanone	ND		50		ug/L			10/15/14 12:42	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 12:42	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 12:42	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 12:42	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 12:42	1
Naphthalene	ND		1.0		ug/L			10/15/14 12:42	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 12:42	1
Styrene	ND		0.50		ug/L			10/15/14 12:42	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 12:42	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 12:42	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 12:42	1
Toluene	ND		0.50		ug/L			10/15/14 12:42	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 12:42	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 12:42	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 12:42	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 12:42	1
Trichloroethene	ND		0.50		ug/L			10/15/14 12:42	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 12:42	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 12:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 12:42	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 12:42	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 12:42	1
Vinyl acetate	ND		10		ug/L			10/15/14 12:42	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 12:42	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 12:42	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 12:42	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 130*		*10/15/14 12:42*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: TB100614-2
Date Collected: 10/06/14 08:02
Date Received: 10/06/14 17:40

Lab Sample ID: 720-60396-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		72 - 130		10/15/14 12:42	1
Toluene-d8 (Surr)	93		70 - 130		10/15/14 12:42	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-168839/4
Matrix: Water
Analysis Batch: 168839

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 08:59	1
Acetone	ND		50		ug/L			10/15/14 08:59	1
Benzene	ND		0.50		ug/L			10/15/14 08:59	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 08:59	1
Bromobenzene	ND		1.0		ug/L			10/15/14 08:59	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 08:59	1
Bromoform	ND		1.0		ug/L			10/15/14 08:59	1
Bromomethane	ND		1.0		ug/L			10/15/14 08:59	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 08:59	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 08:59	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 08:59	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 08:59	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 08:59	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 08:59	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 08:59	1
Chloroethane	ND		1.0		ug/L			10/15/14 08:59	1
Chloroform	ND		1.0		ug/L			10/15/14 08:59	1
Chloromethane	ND		1.0		ug/L			10/15/14 08:59	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 08:59	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 08:59	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 08:59	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 08:59	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 08:59	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 08:59	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 08:59	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 08:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 08:59	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 08:59	1
Dibromomethane	ND		0.50		ug/L			10/15/14 08:59	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 08:59	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 08:59	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 08:59	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 08:59	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 08:59	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 08:59	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 08:59	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 08:59	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 08:59	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 08:59	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 08:59	1
2-Hexanone	ND		50		ug/L			10/15/14 08:59	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 08:59	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 08:59	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 08:59	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 08:59	1
Naphthalene	ND		1.0		ug/L			10/15/14 08:59	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 08:59	1
Styrene	ND		0.50		ug/L			10/15/14 08:59	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-168839/4
Matrix: Water
Analysis Batch: 168839

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		ug/L			10/15/14 08:59	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 08:59	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 08:59	1
Toluene	ND		0.50		ug/L			10/15/14 08:59	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 08:59	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 08:59	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 08:59	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 08:59	1
Trichloroethene	ND		0.50		ug/L			10/15/14 08:59	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 08:59	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 08:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 08:59	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 08:59	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 08:59	1
Vinyl acetate	ND		10		ug/L			10/15/14 08:59	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 08:59	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 08:59	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 08:59	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 08:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*67 - 130*		*10/15/14 08:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 130*		*10/15/14 08:59*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*10/15/14 08:59*	*1*

Lab Sample ID: LCS 720-168839/5
Matrix: Water
Analysis Batch: 168839

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	24.7		ug/L		99	62 - 130
Acetone	125	110		ug/L		88	26 - 180
Benzene	25.0	25.4		ug/L		102	79 - 130
Dichlorobromomethane	25.0	26.1		ug/L		104	70 - 130
Bromobenzene	25.0	24.3		ug/L		97	70 - 130
Chlorobromomethane	25.0	21.1		ug/L		85	70 - 130
Bromoform	25.0	25.0		ug/L		100	68 - 136
Bromomethane	25.0	24.3		ug/L		97	43 - 151
2-Butanone (MEK)	125	106		ug/L		85	54 - 130
n-Butylbenzene	25.0	28.6		ug/L		114	70 - 142
sec-Butylbenzene	25.0	25.9		ug/L		104	70 - 134
tert-Butylbenzene	25.0	24.7		ug/L		99	70 - 135
Carbon disulfide	25.0	23.1		ug/L		93	58 - 130
Carbon tetrachloride	25.0	23.2		ug/L		93	70 - 146
Chlorobenzene	25.0	24.6		ug/L		98	70 - 130
Chloroethane	25.0	26.1		ug/L		104	62 - 138
Chloroform	25.0	25.7		ug/L		103	70 - 130

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-168839/5
Matrix: Water
Analysis Batch: 168839

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	25.0	26.6		ug/L		106	52 - 175
2-Chlorotoluene	25.0	27.6		ug/L		110	70 - 130
4-Chlorotoluene	25.0	27.9		ug/L		112	70 - 130
Chlorodibromomethane	25.0	23.7		ug/L		95	70 - 145
1,2-Dichlorobenzene	25.0	24.4		ug/L		97	70 - 130
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
1,4-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130
1,3-Dichloropropane	25.0	24.3		ug/L		97	70 - 130
1,1-Dichloropropene	25.0	27.2		ug/L		109	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	22.8		ug/L		91	70 - 136
Ethylene Dibromide	25.0	21.6		ug/L		86	70 - 130
Dibromomethane	25.0	23.7		ug/L		95	70 - 130
Dichlorodifluoromethane	25.0	23.0		ug/L		92	34 - 132
1,1-Dichloroethane	25.0	26.4		ug/L		105	70 - 130
1,2-Dichloroethane	25.0	23.9		ug/L		96	61 - 132
1,1-Dichloroethene	25.0	21.3		ug/L		85	64 - 128
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	70 - 130
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	68 - 130
1,2-Dichloropropane	25.0	26.0		ug/L		104	70 - 130
cis-1,3-Dichloropropene	25.0	27.0		ug/L		108	70 - 130
trans-1,3-Dichloropropene	25.0	27.7		ug/L		111	70 - 140
Ethylbenzene	25.0	25.6		ug/L		103	80 - 120
Hexachlorobutadiene	25.0	29.7		ug/L		119	70 - 130
2-Hexanone	125	97.6		ug/L		78	60 - 164
Isopropylbenzene	25.0	24.5		ug/L		98	70 - 130
4-Isopropyltoluene	25.0	24.7		ug/L		99	70 - 130
Methylene Chloride	25.0	24.4		ug/L		97	70 - 147
4-Methyl-2-pentanone (MIBK)	125	103		ug/L		82	58 - 130
Naphthalene	25.0	22.7		ug/L		91	70 - 130
N-Propylbenzene	25.0	28.1		ug/L		112	70 - 130
Styrene	25.0	24.1		ug/L		96	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.2		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	25.0	27.6		ug/L		110	70 - 130
Tetrachloroethene	25.0	22.9		ug/L		92	70 - 130
Toluene	25.0	25.7		ug/L		103	78 - 120
1,2,3-Trichlorobenzene	25.0	26.1		ug/L		104	70 - 130
1,2,4-Trichlorobenzene	25.0	27.6		ug/L		111	70 - 130
1,1,1-Trichloroethane	25.0	23.9		ug/L		95	70 - 130
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	70 - 130
Trichloroethene	25.0	22.1		ug/L		88	70 - 130
Trichlorofluoromethane	25.0	26.3		ug/L		105	66 - 132
1,2,3-Trichloropropane	25.0	23.8		ug/L		95	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.1		ug/L		80	42 - 162
1,2,4-Trimethylbenzene	25.0	26.4		ug/L		106	70 - 132
1,3,5-Trimethylbenzene	25.0	26.9		ug/L		108	70 - 130
Vinyl acetate	25.0	26.4		ug/L		106	43 - 163
Vinyl chloride	25.0	24.8		ug/L		99	54 - 135

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-168839/5
Matrix: Water
Analysis Batch: 168839

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	25.0	25.6		ug/L		102	70 - 142
o-Xylene	25.0	25.4		ug/L		102	70 - 130
2,2-Dichloropropane	25.0	24.9		ug/L		100	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*87*		*72 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*

Lab Sample ID: LCS 720-168839/7
Matrix: Water
Analysis Batch: 168839

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	511		ug/L		102	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 720-168839/6
Matrix: Water
Analysis Batch: 168839

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
Methyl tert-butyl ether	25.0	24.9		ug/L		100	62 - 130	1	20
Acetone	125	118		ug/L		94	26 - 180	7	30
Benzene	25.0	25.3		ug/L		101	79 - 130	1	20
Dichlorobromomethane	25.0	25.9		ug/L		104	70 - 130	1	20
Bromobenzene	25.0	24.3		ug/L		97	70 - 130	0	20
Chlorobromomethane	25.0	21.2		ug/L		85	70 - 130	0	20
Bromoform	25.0	27.3		ug/L		109	68 - 136	9	20
Bromomethane	25.0	24.3		ug/L		97	43 - 151	0	20
2-Butanone (MEK)	125	115		ug/L		92	54 - 130	8	20
n-Butylbenzene	25.0	28.6		ug/L		114	70 - 142	0	20
sec-Butylbenzene	25.0	26.1		ug/L		104	70 - 134	1	20
tert-Butylbenzene	25.0	25.0		ug/L		100	70 - 135	2	20
Carbon disulfide	25.0	23.0		ug/L		92	58 - 130	0	20
Carbon tetrachloride	25.0	23.6		ug/L		94	70 - 146	2	20
Chlorobenzene	25.0	26.4		ug/L		106	70 - 130	7	20
Chloroethane	25.0	26.3		ug/L		105	62 - 138	1	20
Chloroform	25.0	25.4		ug/L		102	70 - 130	1	20
Chloromethane	25.0	26.9		ug/L		108	52 - 175	1	20
2-Chlorotoluene	25.0	27.7		ug/L		111	70 - 130	0	20
4-Chlorotoluene	25.0	27.8		ug/L		111	70 - 130	0	20
Chlorodibromomethane	25.0	24.4		ug/L		97	70 - 145	3	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-168839/6
Matrix: Water
Analysis Batch: 168839

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
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	70 - 130	0	20
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130	2	20
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130	0	20
1,3-Dichloropropane	25.0	24.5		ug/L		98	70 - 130	1	20
1,1-Dichloropropene	25.0	27.2		ug/L		109	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	70 - 136	4	20
Ethylene Dibromide	25.0	22.3		ug/L		89	70 - 130	3	20
Dibromomethane	25.0	23.3		ug/L		93	70 - 130	2	20
Dichlorodifluoromethane	25.0	23.6		ug/L		94	34 - 132	2	20
1,1-Dichloroethane	25.0	26.0		ug/L		104	70 - 130	1	20
1,2-Dichloroethane	25.0	24.2		ug/L		97	61 - 132	1	20
1,1-Dichloroethene	25.0	21.8		ug/L		87	64 - 128	3	20
cis-1,2-Dichloroethene	25.0	25.2		ug/L		101	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	68 - 130	1	20
1,2-Dichloropropane	25.0	25.2		ug/L		101	70 - 130	3	20
cis-1,3-Dichloropropene	25.0	26.9		ug/L		108	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	28.5		ug/L		114	70 - 140	3	20
Ethylbenzene	25.0	27.6		ug/L		111	80 - 120	7	20
Hexachlorobutadiene	25.0	29.7		ug/L		119	70 - 130	0	20
2-Hexanone	125	105		ug/L		84	60 - 164	7	20
Isopropylbenzene	25.0	26.5		ug/L		106	70 - 130	8	20
4-Isopropyltoluene	25.0	24.6		ug/L		98	70 - 130	0	20
Methylene Chloride	25.0	24.5		ug/L		98	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	111		ug/L		89	58 - 130	7	20
Naphthalene	25.0	23.8		ug/L		95	70 - 130	5	20
N-Propylbenzene	25.0	28.2		ug/L		113	70 - 130	0	20
Styrene	25.0	26.1		ug/L		104	70 - 130	8	20
1,1,1,2-Tetrachloroethane	25.0	25.8		ug/L		103	70 - 130	7	20
1,1,2,2-Tetrachloroethane	25.0	28.6		ug/L		114	70 - 130	3	20
Tetrachloroethene	25.0	22.8		ug/L		91	70 - 130	0	20
Toluene	25.0	27.8		ug/L		111	78 - 120	8	20
1,2,3-Trichlorobenzene	25.0	25.9		ug/L		104	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	26.9		ug/L		108	70 - 130	3	20
1,1,1-Trichloroethane	25.0	24.0		ug/L		96	70 - 130	1	20
1,1,2-Trichloroethane	25.0	25.1		ug/L		101	70 - 130	1	20
Trichloroethene	25.0	22.0		ug/L		88	70 - 130	0	20
Trichlorofluoromethane	25.0	27.0		ug/L		108	66 - 132	3	20
1,2,3-Trichloropropane	25.0	25.7		ug/L		103	70 - 130	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.2		ug/L		81	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	26.5		ug/L		106	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	26.8		ug/L		107	70 - 130	0	20
Vinyl acetate	25.0	27.9		ug/L		112	43 - 163	5	20
Vinyl chloride	25.0	25.0		ug/L		100	54 - 135	1	20
m-Xylene & p-Xylene	25.0	27.5		ug/L		110	70 - 142	7	20
o-Xylene	25.0	27.1		ug/L		108	70 - 130	6	20
2,2-Dichloropropane	25.0	24.5		ug/L		98	70 - 140	2	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-168839/6
Matrix: Water
Analysis Batch: 168839

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*90*		*72 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 720-168839/8
Matrix: Water
Analysis Batch: 168839

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
Gasoline Range Organics (GRO) -C5-C12	500	510		ug/L		102	62 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*

Lab Sample ID: 720-60396-3 MS
Matrix: Water
Analysis Batch: 168839

Client Sample ID: MW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	ND		25.0	26.4		ug/L		106	60 - 138
Acetone	ND		125	108		ug/L		87	60 - 140
Benzene	ND		25.0	25.5		ug/L		102	60 - 140
Dichlorobromomethane	ND		25.0	27.1		ug/L		108	60 - 140
Bromobenzene	ND		25.0	24.1		ug/L		96	60 - 140
Chlorobromomethane	ND		25.0	21.7		ug/L		87	60 - 140
Bromoform	ND		25.0	27.3		ug/L		109	56 - 140
Bromomethane	ND		25.0	23.5		ug/L		94	23 - 140
2-Butanone (MEK)	ND		125	112		ug/L		90	60 - 140
n-Butylbenzene	ND		25.0	28.4		ug/L		114	60 - 140
sec-Butylbenzene	ND		25.0	25.1		ug/L		100	60 - 140
tert-Butylbenzene	ND		25.0	24.0		ug/L		96	60 - 140
Carbon disulfide	ND		25.0	22.8		ug/L		91	38 - 140
Carbon tetrachloride	ND		25.0	23.4		ug/L		94	60 - 140
Chlorobenzene	ND		25.0	26.2		ug/L		105	60 - 140
Chloroethane	ND		25.0	25.6		ug/L		102	51 - 140
Chloroform	ND		25.0	26.0		ug/L		104	60 - 140
Chloromethane	ND		25.0	24.4		ug/L		97	52 - 140
2-Chlorotoluene	ND		25.0	26.8		ug/L		107	60 - 140
4-Chlorotoluene	ND		25.0	27.5		ug/L		110	60 - 140
Chlorodibromomethane	ND		25.0	25.3		ug/L		101	60 - 140
1,2-Dichlorobenzene	ND		25.0	24.2		ug/L		97	60 - 140
1,3-Dichlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140
1,4-Dichlorobenzene	ND		25.0	24.8		ug/L		99	60 - 140
1,3-Dichloropropane	ND		25.0	26.0		ug/L		104	60 - 140
1,1-Dichloropropene	ND		25.0	27.3		ug/L		109	60 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-60396-3 MS
Matrix: Water
Analysis Batch: 168839

Client Sample ID: MW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	ND		25.0	24.0		ug/L		96	60 - 140
Ethylene Dibromide	ND		25.0	23.0		ug/L		92	60 - 140
Dibromomethane	ND		25.0	24.6		ug/L		99	60 - 140
Dichlorodifluoromethane	ND		25.0	21.0		ug/L		84	38 - 140
1,1-Dichloroethane	ND		25.0	26.5		ug/L		106	60 - 140
1,2-Dichloroethane	ND		25.0	25.0		ug/L		100	60 - 140
1,1-Dichloroethene	ND		25.0	21.2		ug/L		85	60 - 140
cis-1,2-Dichloroethene	2.8		25.0	28.4		ug/L		103	60 - 140
trans-1,2-Dichloroethene	ND		25.0	24.5		ug/L		96	60 - 140
1,2-Dichloropropane	ND		25.0	26.4		ug/L		105	60 - 140
cis-1,3-Dichloropropene	ND		25.0	27.5		ug/L		110	60 - 140
trans-1,3-Dichloropropene	ND		25.0	29.5		ug/L		118	60 - 140
Ethylbenzene	ND		25.0	27.1		ug/L		109	60 - 140
Hexachlorobutadiene	ND		25.0	29.2		ug/L		117	60 - 140
2-Hexanone	ND		125	107		ug/L		86	60 - 140
Isopropylbenzene	ND		25.0	26.0		ug/L		104	60 - 140
4-Isopropyltoluene	ND		25.0	24.0		ug/L		96	60 - 140
Methylene Chloride	ND		25.0	24.5		ug/L		98	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	114		ug/L		91	58 - 130
Naphthalene	ND		25.0	23.9		ug/L		96	56 - 140
N-Propylbenzene	ND		25.0	27.3		ug/L		109	60 - 140
Styrene	ND		25.0	26.3		ug/L		105	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	26.4		ug/L		106	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	27.8		ug/L		111	60 - 140
Tetrachloroethene	4.7		25.0	28.2		ug/L		94	60 - 140
Toluene	ND		25.0	27.2		ug/L		109	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	26.3		ug/L		105	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	27.9		ug/L		112	60 - 140
1,1,1-Trichloroethane	ND		25.0	23.7		ug/L		95	60 - 140
1,1,2-Trichloroethane	ND		25.0	26.0		ug/L		104	60 - 140
Trichloroethene	9.1		25.0	31.6		ug/L		90	60 - 140
Trichlorofluoromethane	ND		25.0	25.7		ug/L		103	60 - 140
1,2,3-Trichloropropane	ND		25.0	24.7		ug/L		99	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	19.7		ug/L		79	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.1		ug/L		104	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	26.2		ug/L		105	60 - 140
Vinyl acetate	ND		25.0	27.8		ug/L		111	40 - 140
Vinyl chloride	ND		25.0	23.4		ug/L		93	58 - 140
m-Xylene & p-Xylene	ND		25.0	27.5		ug/L		110	60 - 140
o-Xylene	ND		25.0	27.3		ug/L		109	60 - 140
2,2-Dichloropropane	ND		25.0	24.8		ug/L		99	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*113*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-60396-3 MSD
Matrix: Water
Analysis Batch: 168839

Client Sample ID: MW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	25.5		ug/L		102	60 - 138	3	20
Acetone	ND		125	106		ug/L		85	60 - 140	3	20
Benzene	ND		25.0	25.5		ug/L		102	60 - 140	0	20
Dichlorobromomethane	ND		25.0	27.1		ug/L		108	60 - 140	0	20
Bromobenzene	ND		25.0	24.7		ug/L		99	60 - 140	2	20
Chlorobromomethane	ND		25.0	22.0		ug/L		88	60 - 140	1	20
Bromoform	ND		25.0	27.2		ug/L		109	56 - 140	1	20
Bromomethane	ND		25.0	24.0		ug/L		96	23 - 140	2	20
2-Butanone (MEK)	ND		125	107		ug/L		85	60 - 140	5	20
n-Butylbenzene	ND		25.0	29.6		ug/L		118	60 - 140	4	20
sec-Butylbenzene	ND		25.0	26.4		ug/L		105	60 - 140	5	20
tert-Butylbenzene	ND		25.0	25.1		ug/L		100	60 - 140	4	20
Carbon disulfide	ND		25.0	23.7		ug/L		95	38 - 140	4	20
Carbon tetrachloride	ND		25.0	23.7		ug/L		95	60 - 140	1	20
Chlorobenzene	ND		25.0	26.8		ug/L		107	60 - 140	2	20
Chloroethane	ND		25.0	25.9		ug/L		104	51 - 140	1	20
Chloroform	ND		25.0	26.4		ug/L		106	60 - 140	2	20
Chloromethane	ND		25.0	25.8		ug/L		103	52 - 140	6	20
2-Chlorotoluene	ND		25.0	27.9		ug/L		112	60 - 140	4	20
4-Chlorotoluene	ND		25.0	28.4		ug/L		114	60 - 140	3	20
Chlorodibromomethane	ND		25.0	25.1		ug/L		100	60 - 140	1	20
1,2-Dichlorobenzene	ND		25.0	24.6		ug/L		99	60 - 140	2	20
1,3-Dichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140	3	20
1,4-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140	2	20
1,3-Dichloropropane	ND		25.0	25.4		ug/L		102	60 - 140	2	20
1,1-Dichloropropene	ND		25.0	27.7		ug/L		111	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	23.6		ug/L		94	60 - 140	2	20
Ethylene Dibromide	ND		25.0	22.7		ug/L		91	60 - 140	2	20
Dibromomethane	ND		25.0	24.7		ug/L		99	60 - 140	0	20
Dichlorodifluoromethane	ND		25.0	22.6		ug/L		90	38 - 140	7	20
1,1-Dichloroethane	ND		25.0	26.8		ug/L		107	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	24.7		ug/L		99	60 - 140	1	20
1,1-Dichloroethene	ND		25.0	21.7		ug/L		87	60 - 140	3	20
cis-1,2-Dichloroethene	2.8		25.0	29.1		ug/L		105	60 - 140	2	20
trans-1,2-Dichloroethene	ND		25.0	24.9		ug/L		98	60 - 140	2	20
1,2-Dichloropropane	ND		25.0	25.8		ug/L		103	60 - 140	2	20
cis-1,3-Dichloropropene	ND		25.0	27.6		ug/L		110	60 - 140	0	20
trans-1,3-Dichloropropene	ND		25.0	29.1		ug/L		116	60 - 140	1	20
Ethylbenzene	ND		25.0	27.9		ug/L		111	60 - 140	3	20
Hexachlorobutadiene	ND		25.0	30.7		ug/L		123	60 - 140	5	20
2-Hexanone	ND		125	101		ug/L		80	60 - 140	7	20
Isopropylbenzene	ND		25.0	26.6		ug/L		106	60 - 140	2	20
4-Isopropyltoluene	ND		25.0	25.0		ug/L		100	60 - 140	4	20
Methylene Chloride	ND		25.0	24.6		ug/L		99	40 - 140	0	20
4-Methyl-2-pentanone (MIBK)	ND		125	109		ug/L		87	58 - 130	5	20
Naphthalene	ND		25.0	23.9		ug/L		96	56 - 140	0	20
N-Propylbenzene	ND		25.0	28.5		ug/L		114	60 - 140	4	20
Styrene	ND		25.0	26.7		ug/L		107	60 - 140	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-60396-3 MSD
Matrix: Water
Analysis Batch: 168839

Client Sample ID: MW-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		25.0	26.7		ug/L		107	60 - 140	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	28.0		ug/L		112	60 - 140	1	20
Tetrachloroethene	4.7		25.0	28.5		ug/L		95	60 - 140	1	20
Toluene	ND		25.0	28.0		ug/L		112	60 - 140	3	20
1,2,3-Trichlorobenzene	ND		25.0	26.7		ug/L		107	60 - 140	2	20
1,2,4-Trichlorobenzene	ND		25.0	28.3		ug/L		113	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	24.5		ug/L		98	60 - 140	3	20
1,1,2-Trichloroethane	ND		25.0	25.5		ug/L		102	60 - 140	2	20
Trichloroethene	9.1		25.0	32.4		ug/L		93	60 - 140	3	20
Trichlorofluoromethane	ND		25.0	27.0		ug/L		108	60 - 140	5	20
1,2,3-Trichloropropane	ND		25.0	25.1		ug/L		100	60 - 140	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	20.5		ug/L		82	60 - 140	4	20
1,2,4-Trimethylbenzene	ND		25.0	27.0		ug/L		108	60 - 140	4	20
1,3,5-Trimethylbenzene	ND		25.0	27.4		ug/L		110	60 - 140	5	20
Vinyl acetate	ND		25.0	27.3		ug/L		109	40 - 140	2	20
Vinyl chloride	ND		25.0	24.8		ug/L		99	58 - 140	6	20
m-Xylene & p-Xylene	ND		25.0	27.9		ug/L		111	60 - 140	1	20
o-Xylene	ND		25.0	27.6		ug/L		110	60 - 140	1	20
2,2-Dichloropropane	ND		25.0	25.2		ug/L		101	60 - 140	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: MB 720-168840/4
Matrix: Water
Analysis Batch: 168840

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 09:07	1
Acetone	ND		50		ug/L			10/15/14 09:07	1
Benzene	ND		0.50		ug/L			10/15/14 09:07	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 09:07	1
Bromobenzene	ND		1.0		ug/L			10/15/14 09:07	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 09:07	1
Bromoform	ND		1.0		ug/L			10/15/14 09:07	1
Bromomethane	ND		1.0		ug/L			10/15/14 09:07	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 09:07	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 09:07	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 09:07	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 09:07	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 09:07	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 09:07	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 09:07	1
Chloroethane	ND		1.0		ug/L			10/15/14 09:07	1
Chloroform	ND		1.0		ug/L			10/15/14 09:07	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-168840/4
Matrix: Water
Analysis Batch: 168840

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0		ug/L			10/15/14 09:07	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 09:07	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 09:07	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 09:07	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 09:07	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 09:07	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 09:07	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 09:07	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 09:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 09:07	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 09:07	1
Dibromomethane	ND		0.50		ug/L			10/15/14 09:07	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 09:07	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 09:07	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 09:07	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 09:07	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 09:07	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 09:07	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 09:07	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 09:07	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 09:07	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 09:07	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 09:07	1
2-Hexanone	ND		50		ug/L			10/15/14 09:07	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 09:07	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 09:07	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 09:07	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 09:07	1
Naphthalene	ND		1.0		ug/L			10/15/14 09:07	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 09:07	1
Styrene	ND		0.50		ug/L			10/15/14 09:07	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 09:07	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 09:07	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 09:07	1
Toluene	ND		0.50		ug/L			10/15/14 09:07	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 09:07	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 09:07	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 09:07	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 09:07	1
Trichloroethene	ND		0.50		ug/L			10/15/14 09:07	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 09:07	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 09:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 09:07	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 09:07	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 09:07	1
Vinyl acetate	ND		10		ug/L			10/15/14 09:07	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 09:07	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 09:07	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-168840/4
Matrix: Water
Analysis Batch: 168840

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 09:07	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/15/14 09:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*67 - 130*		*10/15/14 09:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 130*		*10/15/14 09:07*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*10/15/14 09:07*	*1*

Lab Sample ID: LCS 720-168840/5
Matrix: Water
Analysis Batch: 168840

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	21.9		ug/L		88	62 - 130
Acetone	125	115		ug/L		92	26 - 180
Benzene	25.0	23.0		ug/L		92	79 - 130
Dichlorobromomethane	25.0	23.0		ug/L		92	70 - 130
Bromobenzene	25.0	23.7		ug/L		95	70 - 130
Chlorobromomethane	25.0	22.6		ug/L		90	70 - 130
Bromoform	25.0	25.1		ug/L		100	68 - 136
Bromomethane	25.0	22.7		ug/L		91	43 - 151
2-Butanone (MEK)	125	119		ug/L		95	54 - 130
n-Butylbenzene	25.0	24.4		ug/L		98	70 - 142
sec-Butylbenzene	25.0	24.1		ug/L		96	70 - 134
tert-Butylbenzene	25.0	23.7		ug/L		95	70 - 135
Carbon disulfide	25.0	18.9		ug/L		76	58 - 130
Carbon tetrachloride	25.0	23.9		ug/L		96	70 - 146
Chlorobenzene	25.0	24.2		ug/L		97	70 - 130
Chloroethane	25.0	22.2		ug/L		89	62 - 138
Chloroform	25.0	23.2		ug/L		93	70 - 130
Chloromethane	25.0	20.8		ug/L		83	52 - 175
2-Chlorotoluene	25.0	23.3		ug/L		93	70 - 130
4-Chlorotoluene	25.0	23.4		ug/L		94	70 - 130
Chlorodibromomethane	25.0	24.6		ug/L		98	70 - 145
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	70 - 130
1,3-Dichlorobenzene	25.0	24.1		ug/L		96	70 - 130
1,4-Dichlorobenzene	25.0	23.8		ug/L		95	70 - 130
1,3-Dichloropropane	25.0	22.8		ug/L		91	70 - 130
1,1-Dichloropropene	25.0	25.2		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	25.0		ug/L		100	70 - 136
Ethylene Dibromide	25.0	24.2		ug/L		97	70 - 130
Dibromomethane	25.0	23.4		ug/L		94	70 - 130
Dichlorodifluoromethane	25.0	20.6		ug/L		83	34 - 132
1,1-Dichloroethane	25.0	22.6		ug/L		90	70 - 130
1,2-Dichloroethane	25.0	22.1		ug/L		88	61 - 132
1,1-Dichloroethene	25.0	20.4		ug/L		82	64 - 128
cis-1,2-Dichloroethene	25.0	22.7		ug/L		91	70 - 130

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-168840/5
Matrix: Water
Analysis Batch: 168840

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	22.8		ug/L		91	68 - 130
1,2-Dichloropropane	25.0	22.8		ug/L		91	70 - 130
cis-1,3-Dichloropropene	25.0	24.9		ug/L		99	70 - 130
trans-1,3-Dichloropropene	25.0	27.0		ug/L		108	70 - 140
Ethylbenzene	25.0	23.9		ug/L		96	80 - 120
Hexachlorobutadiene	25.0	24.3		ug/L		97	70 - 130
2-Hexanone	125	103		ug/L		82	60 - 164
Isopropylbenzene	25.0	24.7		ug/L		99	70 - 130
4-Isopropyltoluene	25.0	23.8		ug/L		95	70 - 130
Methylene Chloride	25.0	21.7		ug/L		87	70 - 147
4-Methyl-2-pentanone (MIBK)	125	106		ug/L		85	58 - 130
Naphthalene	25.0	23.9		ug/L		96	70 - 130
N-Propylbenzene	25.0	24.1		ug/L		96	70 - 130
Styrene	25.0	24.4		ug/L		98	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.5		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	70 - 130
Tetrachloroethene	25.0	24.9		ug/L		100	70 - 130
Toluene	25.0	23.8		ug/L		95	78 - 120
1,2,3-Trichlorobenzene	25.0	24.2		ug/L		97	70 - 130
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		102	70 - 130
1,1,1-Trichloroethane	25.0	23.5		ug/L		94	70 - 130
1,1,2-Trichloroethane	25.0	24.1		ug/L		97	70 - 130
Trichloroethene	25.0	24.4		ug/L		98	70 - 130
Trichlorofluoromethane	25.0	23.5		ug/L		94	66 - 132
1,2,3-Trichloropropane	25.0	23.9		ug/L		96	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.3		ug/L		85	42 - 162
1,2,4-Trimethylbenzene	25.0	23.5		ug/L		94	70 - 132
1,3,5-Trimethylbenzene	25.0	24.0		ug/L		96	70 - 130
Vinyl acetate	25.0	19.8		ug/L		79	43 - 163
Vinyl chloride	25.0	22.0		ug/L		88	54 - 135
m-Xylene & p-Xylene	25.0	23.9		ug/L		96	70 - 142
o-Xylene	25.0	23.9		ug/L		96	70 - 130
2,2-Dichloropropane	25.0	24.3		ug/L		97	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: LCS 720-168840/7
Matrix: Water
Analysis Batch: 168840

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	478		ug/L		96	62 - 120

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-168840/7
Matrix: Water
Analysis Batch: 168840

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	93		67 - 130
1,2-Dichloroethane-d4 (Surr)	88		72 - 130
Toluene-d8 (Surr)	93		70 - 130

Lab Sample ID: LCSD 720-168840/6
Matrix: Water
Analysis Batch: 168840

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
Methyl tert-butyl ether	25.0	22.3		ug/L		89	62 - 130	2	20
Acetone	125	116		ug/L		92	26 - 180	1	30
Benzene	25.0	23.1		ug/L		92	79 - 130	0	20
Dichlorobromomethane	25.0	23.2		ug/L		93	70 - 130	1	20
Bromobenzene	25.0	24.0		ug/L		96	70 - 130	1	20
Chlorobromomethane	25.0	23.1		ug/L		93	70 - 130	2	20
Bromoform	25.0	25.3		ug/L		101	68 - 136	1	20
Bromomethane	25.0	22.8		ug/L		91	43 - 151	0	20
2-Butanone (MEK)	125	118		ug/L		95	54 - 130	1	20
n-Butylbenzene	25.0	24.3		ug/L		97	70 - 142	1	20
sec-Butylbenzene	25.0	24.1		ug/L		96	70 - 134	0	20
tert-Butylbenzene	25.0	23.8		ug/L		95	70 - 135	0	20
Carbon disulfide	25.0	19.1		ug/L		76	58 - 130	1	20
Carbon tetrachloride	25.0	24.1		ug/L		96	70 - 146	1	20
Chlorobenzene	25.0	24.4		ug/L		98	70 - 130	1	20
Chloroethane	25.0	22.4		ug/L		90	62 - 138	1	20
Chloroform	25.0	23.2		ug/L		93	70 - 130	0	20
Chloromethane	25.0	21.5		ug/L		86	52 - 175	3	20
2-Chlorotoluene	25.0	23.4		ug/L		94	70 - 130	0	20
4-Chlorotoluene	25.0	23.9		ug/L		96	70 - 130	2	20
Chlorodibromomethane	25.0	24.5		ug/L		98	70 - 145	0	20
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	70 - 130	2	20
1,3-Dichlorobenzene	25.0	24.2		ug/L		97	70 - 130	0	20
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	70 - 130	1	20
1,3-Dichloropropane	25.0	23.0		ug/L		92	70 - 130	1	20
1,1-Dichloropropene	25.0	25.1		ug/L		100	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		98	70 - 136	2	20
Ethylene Dibromide	25.0	24.3		ug/L		97	70 - 130	1	20
Dibromomethane	25.0	23.4		ug/L		94	70 - 130	0	20
Dichlorodifluoromethane	25.0	20.8		ug/L		83	34 - 132	1	20
1,1-Dichloroethane	25.0	23.0		ug/L		92	70 - 130	2	20
1,2-Dichloroethane	25.0	22.4		ug/L		90	61 - 132	1	20
1,1-Dichloroethene	25.0	20.6		ug/L		82	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	23.1		ug/L		92	68 - 130	1	20
1,2-Dichloropropane	25.0	22.8		ug/L		91	70 - 130	0	20
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	27.1		ug/L		108	70 - 140	0	20
Ethylbenzene	25.0	24.2		ug/L		97	80 - 120	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-168840/6
Matrix: Water
Analysis Batch: 168840

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
Hexachlorobutadiene	25.0	24.3		ug/L		97	70 - 130	0	20
2-Hexanone	125	102		ug/L		82	60 - 164	1	20
Isopropylbenzene	25.0	25.0		ug/L		100	70 - 130	1	20
4-Isopropyltoluene	25.0	23.9		ug/L		95	70 - 130	0	20
Methylene Chloride	25.0	22.0		ug/L		88	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	104		ug/L		83	58 - 130	2	20
Naphthalene	25.0	24.1		ug/L		96	70 - 130	1	20
N-Propylbenzene	25.0	24.1		ug/L		96	70 - 130	0	20
Styrene	25.0	24.7		ug/L		99	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	24.7		ug/L		99	70 - 130	0	20
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	70 - 130	0	20
Tetrachloroethene	25.0	25.1		ug/L		100	70 - 130	0	20
Toluene	25.0	23.9		ug/L		96	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	24.6		ug/L		98	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		102	70 - 130	0	20
1,1,1-Trichloroethane	25.0	23.3		ug/L		93	70 - 130	1	20
1,1,2-Trichloroethane	25.0	23.8		ug/L		95	70 - 130	1	20
Trichloroethene	25.0	24.4		ug/L		97	70 - 130	0	20
Trichlorofluoromethane	25.0	20.6		ug/L		82	66 - 132	13	20
1,2,3-Trichloropropane	25.0	23.6		ug/L		95	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.4		ug/L		86	42 - 162	0	20
1,2,4-Trimethylbenzene	25.0	23.7		ug/L		95	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	24.1		ug/L		97	70 - 130	1	20
Vinyl acetate	25.0	20.0		ug/L		80	43 - 163	1	20
Vinyl chloride	25.0	22.3		ug/L		89	54 - 135	1	20
m-Xylene & p-Xylene	25.0	24.0		ug/L		96	70 - 142	0	20
o-Xylene	25.0	24.2		ug/L		97	70 - 130	1	20
2,2-Dichloropropane	25.0	24.5		ug/L		98	70 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*85*		*72 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 720-168840/8
Matrix: Water
Analysis Batch: 168840

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
Gasoline Range Organics (GRO) -C5-C12	500	484		ug/L		97	62 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*88*		*72 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-60457-A-1 MS
Matrix: Water
Analysis Batch: 168840

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	ND		25.0	23.5		ug/L		94	60 - 138
Acetone	ND		125	104		ug/L		83	60 - 140
Benzene	ND		25.0	23.1		ug/L		92	60 - 140
Dichlorobromomethane	ND		25.0	23.7		ug/L		95	60 - 140
Bromobenzene	ND		25.0	23.5		ug/L		94	60 - 140
Chlorobromomethane	ND		25.0	23.2		ug/L		93	60 - 140
Bromoform	ND		25.0	25.6		ug/L		103	56 - 140
Bromomethane	ND		25.0	22.2		ug/L		89	23 - 140
2-Butanone (MEK)	ND		125	117		ug/L		94	60 - 140
n-Butylbenzene	ND		25.0	23.8		ug/L		95	60 - 140
sec-Butylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
tert-Butylbenzene	ND		25.0	22.9		ug/L		91	60 - 140
Carbon disulfide	ND		25.0	18.6		ug/L		74	38 - 140
Carbon tetrachloride	ND		25.0	23.4		ug/L		94	60 - 140
Chlorobenzene	ND		25.0	24.0		ug/L		96	60 - 140
Chloroethane	ND		25.0	21.9		ug/L		88	51 - 140
Chloroform	ND		25.0	23.3		ug/L		93	60 - 140
Chloromethane	ND		25.0	21.0		ug/L		84	52 - 140
2-Chlorotoluene	ND		25.0	22.7		ug/L		91	60 - 140
4-Chlorotoluene	ND		25.0	23.0		ug/L		92	60 - 140
Chlorodibromomethane	ND		25.0	25.3		ug/L		101	60 - 140
1,2-Dichlorobenzene	ND		25.0	23.6		ug/L		94	60 - 140
1,3-Dichlorobenzene	ND		25.0	23.8		ug/L		95	60 - 140
1,4-Dichlorobenzene	ND		25.0	23.9		ug/L		96	60 - 140
1,3-Dichloropropane	ND		25.0	24.0		ug/L		96	60 - 140
1,1-Dichloropropene	ND		25.0	24.6		ug/L		99	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	26.9		ug/L		108	60 - 140
Ethylene Dibromide	ND		25.0	25.1		ug/L		100	60 - 140
Dibromomethane	ND		25.0	23.9		ug/L		96	60 - 140
Dichlorodifluoromethane	ND		25.0	20.4		ug/L		82	38 - 140
1,1-Dichloroethane	ND		25.0	22.7		ug/L		91	60 - 140
1,2-Dichloroethane	ND		25.0	22.7		ug/L		91	60 - 140
1,1-Dichloroethene	ND		25.0	20.0		ug/L		80	60 - 140
cis-1,2-Dichloroethene	ND		25.0	22.9		ug/L		92	60 - 140
trans-1,2-Dichloroethene	ND		25.0	22.9		ug/L		91	60 - 140
1,2-Dichloropropane	ND		25.0	23.6		ug/L		93	60 - 140
cis-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	60 - 140
trans-1,3-Dichloropropene	ND		25.0	28.1		ug/L		112	60 - 140
Ethylbenzene	ND		25.0	23.4		ug/L		94	60 - 140
Hexachlorobutadiene	ND		25.0	23.6		ug/L		95	60 - 140
2-Hexanone	ND		125	111		ug/L		88	60 - 140
Isopropylbenzene	ND		25.0	24.1		ug/L		96	60 - 140
4-Isopropyltoluene	ND		25.0	23.0		ug/L		92	60 - 140
Methylene Chloride	ND		25.0	21.8		ug/L		87	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	113		ug/L		90	58 - 130
Naphthalene	ND		25.0	24.9		ug/L		99	56 - 140
N-Propylbenzene	ND		25.0	23.3		ug/L		93	60 - 140
Styrene	ND		25.0	24.3		ug/L		97	60 - 140

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-60457-A-1 MS
Matrix: Water
Analysis Batch: 168840

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	24.2		ug/L		97	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	24.1		ug/L		96	60 - 140
Tetrachloroethene	ND		25.0	24.7		ug/L		99	60 - 140
Toluene	ND		25.0	23.5		ug/L		94	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	24.6		ug/L		99	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.1		ug/L		105	60 - 140
1,1,1-Trichloroethane	ND		25.0	22.6		ug/L		91	60 - 140
1,1,2-Trichloroethane	ND		25.0	24.7		ug/L		99	60 - 140
Trichloroethene	ND		25.0	24.6		ug/L		97	60 - 140
Trichlorofluoromethane	ND		25.0	22.8		ug/L		91	60 - 140
1,2,3-Trichloropropane	1.2		25.0	25.8		ug/L		98	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	20.7		ug/L		83	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
Vinyl acetate	ND		25.0	21.6		ug/L		86	40 - 140
Vinyl chloride	ND		25.0	21.6		ug/L		86	58 - 140
m-Xylene & p-Xylene	ND		25.0	23.6		ug/L		94	60 - 140
o-Xylene	ND		25.0	23.6		ug/L		94	60 - 140
2,2-Dichloropropane	ND		25.0	23.2		ug/L		93	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*87*		*72 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: 720-60457-A-1 MSD
Matrix: Water
Analysis Batch: 168840

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	22.4		ug/L		90	60 - 138	5	20
Acetone	ND		125	101		ug/L		81	60 - 140	2	20
Benzene	ND		25.0	23.6		ug/L		94	60 - 140	2	20
Dichlorobromomethane	ND		25.0	23.0		ug/L		92	60 - 140	3	20
Bromobenzene	ND		25.0	24.1		ug/L		96	60 - 140	2	20
Chlorobromomethane	ND		25.0	22.8		ug/L		91	60 - 140	2	20
Bromoform	ND		25.0	24.6		ug/L		98	56 - 140	4	20
Bromomethane	ND		25.0	23.6		ug/L		94	23 - 140	6	20
2-Butanone (MEK)	ND		125	114		ug/L		91	60 - 140	2	20
n-Butylbenzene	ND		25.0	25.0		ug/L		100	60 - 140	5	20
sec-Butylbenzene	ND		25.0	24.3		ug/L		97	60 - 140	5	20
tert-Butylbenzene	ND		25.0	23.9		ug/L		95	60 - 140	4	20
Carbon disulfide	ND		25.0	19.3		ug/L		77	38 - 140	4	20
Carbon tetrachloride	ND		25.0	24.3		ug/L		97	60 - 140	4	20
Chlorobenzene	ND		25.0	24.5		ug/L		98	60 - 140	2	20
Chloroethane	ND		25.0	22.9		ug/L		92	51 - 140	5	20
Chloroform	ND		25.0	23.6		ug/L		94	60 - 140	1	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-60457-A-1 MSD
Matrix: Water
Analysis Batch: 168840

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	ND		25.0	21.4		ug/L		85	52 - 140	2	20
2-Chlorotoluene	ND		25.0	23.6		ug/L		94	60 - 140	4	20
4-Chlorotoluene	ND		25.0	24.0		ug/L		96	60 - 140	4	20
Chlorodibromomethane	ND		25.0	24.7		ug/L		99	60 - 140	2	20
1,2-Dichlorobenzene	ND		25.0	24.0		ug/L		96	60 - 140	2	20
1,3-Dichlorobenzene	ND		25.0	24.3		ug/L		97	60 - 140	2	20
1,4-Dichlorobenzene	ND		25.0	24.2		ug/L		97	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	23.1		ug/L		92	60 - 140	4	20
1,1-Dichloropropene	ND		25.0	25.5		ug/L		102	60 - 140	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.3		ug/L		97	60 - 140	10	20
Ethylene Dibromide	ND		25.0	24.3		ug/L		97	60 - 140	3	20
Dibromomethane	ND		25.0	23.4		ug/L		94	60 - 140	2	20
Dichlorodifluoromethane	ND		25.0	21.5		ug/L		86	38 - 140	5	20
1,1-Dichloroethane	ND		25.0	23.1		ug/L		92	60 - 140	2	20
1,2-Dichloroethane	ND		25.0	22.1		ug/L		89	60 - 140	3	20
1,1-Dichloroethene	ND		25.0	20.7		ug/L		83	60 - 140	4	20
cis-1,2-Dichloroethene	ND		25.0	23.0		ug/L		92	60 - 140	0	20
trans-1,2-Dichloroethene	ND		25.0	23.6		ug/L		94	60 - 140	3	20
1,2-Dichloropropane	ND		25.0	23.4		ug/L		92	60 - 140	1	20
cis-1,3-Dichloropropene	ND		25.0	25.4		ug/L		102	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	27.3		ug/L		109	60 - 140	3	20
Ethylbenzene	ND		25.0	24.1		ug/L		96	60 - 140	3	20
Hexachlorobutadiene	ND		25.0	25.0		ug/L		100	60 - 140	6	20
2-Hexanone	ND		125	102		ug/L		81	60 - 140	8	20
Isopropylbenzene	ND		25.0	25.0		ug/L		100	60 - 140	4	20
4-Isopropyltoluene	ND		25.0	24.3		ug/L		97	60 - 140	5	20
Methylene Chloride	ND		25.0	21.6		ug/L		86	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	108		ug/L		86	58 - 130	5	20
Naphthalene	ND		25.0	23.9		ug/L		96	56 - 140	4	20
N-Propylbenzene	ND		25.0	24.4		ug/L		98	60 - 140	5	20
Styrene	ND		25.0	24.3		ug/L		97	60 - 140	0	20
1,1,1,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	60 - 140	0	20
1,1,2,2-Tetrachloroethane	ND		25.0	23.1		ug/L		93	60 - 140	4	20
Tetrachloroethene	ND		25.0	25.3		ug/L		101	60 - 140	3	20
Toluene	ND		25.0	23.9		ug/L		96	60 - 140	2	20
1,2,3-Trichlorobenzene	ND		25.0	24.9		ug/L		100	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		25.0	26.1		ug/L		104	60 - 140	0	20
1,1,1-Trichloroethane	ND		25.0	23.2		ug/L		93	60 - 140	2	20
1,1,2-Trichloroethane	ND		25.0	23.9		ug/L		96	60 - 140	3	20
Trichloroethene	ND		25.0	25.0		ug/L		98	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	24.6		ug/L		98	60 - 140	7	20
1,2,3-Trichloropropane	1.2		25.0	24.6		ug/L		93	60 - 140	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.8		ug/L		87	60 - 140	5	20
1,2,4-Trimethylbenzene	ND		25.0	23.9		ug/L		95	60 - 140	3	20
1,3,5-Trimethylbenzene	ND		25.0	24.1		ug/L		96	60 - 140	4	20
Vinyl acetate	ND		25.0	21.0		ug/L		84	40 - 140	3	20
Vinyl chloride	ND		25.0	23.1		ug/L		92	58 - 140	7	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-60457-A-1 MSD
Matrix: Water
Analysis Batch: 168840

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	ND		25.0	24.1		ug/L		96	60 - 140	2	20
o-Xylene	ND		25.0	24.0		ug/L		96	60 - 140	2	20
2,2-Dichloropropane	ND		25.0	24.3		ug/L		97	60 - 140	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*84*		*72 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

GC/MS VOA

Analysis Batch: 168839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60396-1	MW-01	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-2	MW-100	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-3	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-3 MS	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-3 MSD	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-4	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-5	MP-01-2	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-6	MP-01-3	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-7	MP-02-1	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-8	MP-02-3	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-9	MP-03-1	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-10	MP-03-2	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-11	MP-03-3	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-12	MP-04-1	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-15	TB100614-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-168839/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-168839/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-168839/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-168839/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-168839/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 168840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60396-13	MP-04-2	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-14	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-60396-16	TB100614-2	Total/NA	Water	8260B/CA_LUFT MS	
720-60457-A-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
720-60457-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-168840/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-168840/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 168840 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-168840/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-168840/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-168840/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-60396-1

Client Sample ID: MW-01

Lab Sample ID: 720-60396-1

Date Collected: 10/06/14 12:25
Date Received: 10/06/14 17:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 13:14	ASC	TAL PLS

Client Sample ID: MW-100

Lab Sample ID: 720-60396-2

Date Collected: 10/06/14 12:30
Date Received: 10/06/14 17:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 13:43	ASC	TAL PLS

Client Sample ID: MW-02

Lab Sample ID: 720-60396-3

Date Collected: 10/06/14 08:40
Date Received: 10/06/14 17:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 12:17	ASC	TAL PLS

Client Sample ID: MP-01-1

Lab Sample ID: 720-60396-4

Date Collected: 10/06/14 12:35
Date Received: 10/06/14 17:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 14:11	ASC	TAL PLS

Client Sample ID: MP-01-2

Lab Sample ID: 720-60396-5

Date Collected: 10/06/14 13:30
Date Received: 10/06/14 17:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 14:40	ASC	TAL PLS

Client Sample ID: MP-01-3

Lab Sample ID: 720-60396-6

Date Collected: 10/06/14 14:20
Date Received: 10/06/14 17:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 15:08	ASC	TAL PLS

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-60396-1

Client Sample ID: MP-02-1

Lab Sample ID: 720-60396-7

Date Collected: 10/06/14 09:35
Matrix: Water
Date Received: 10/06/14 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 15:36	ASC	TAL PLS

Client Sample ID: MP-02-3

Lab Sample ID: 720-60396-8

Date Collected: 10/06/14 11:05
Matrix: Water
Date Received: 10/06/14 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 16:05	ASC	TAL PLS

Client Sample ID: MP-03-1

Lab Sample ID: 720-60396-9

Date Collected: 10/06/14 11:15
Matrix: Water
Date Received: 10/06/14 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 16:34	ASC	TAL PLS

Client Sample ID: MP-03-2

Lab Sample ID: 720-60396-10

Date Collected: 10/06/14 08:35
Matrix: Water
Date Received: 10/06/14 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 17:02	ASC	TAL PLS

Client Sample ID: MP-03-3

Lab Sample ID: 720-60396-11

Date Collected: 10/06/14 11:00
Matrix: Water
Date Received: 10/06/14 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 17:31	ASC	TAL PLS

Client Sample ID: MP-04-1

Lab Sample ID: 720-60396-12

Date Collected: 10/06/14 12:40
Matrix: Water
Date Received: 10/06/14 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 17:59	ASC	TAL PLS

Client Sample ID: MP-04-2

Lab Sample ID: 720-60396-13

Date Collected: 10/06/14 12:50

Matrix: Water

Date Received: 10/06/14 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168840	10/15/14 16:50	ASC	TAL PLS

Client Sample ID: MP-04-3

Lab Sample ID: 720-60396-14

Date Collected: 10/06/14 09:35

Matrix: Water

Date Received: 10/06/14 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168840	10/15/14 17:20	ASC	TAL PLS

Client Sample ID: TB100614-1

Lab Sample ID: 720-60396-15

Date Collected: 10/06/14 08:00

Matrix: Water

Date Received: 10/06/14 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168839	10/15/14 12:46	ASC	TAL PLS

Client Sample ID: TB100614-2

Lab Sample ID: 720-60396-16

Date Collected: 10/06/14 08:02

Matrix: Water

Date Received: 10/06/14 17:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168840	10/15/14 12:42	ASC	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-60396-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-60396-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS

Protocol References:

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

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-60396-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60396-1	MW-01	Water	10/06/14 12:25	10/06/14 17:40
720-60396-2	MW-100	Water	10/06/14 12:30	10/06/14 17:40
720-60396-3	MW-02	Water	10/06/14 08:40	10/06/14 17:40
720-60396-4	MP-01-1	Water	10/06/14 12:35	10/06/14 17:40
720-60396-5	MP-01-2	Water	10/06/14 13:30	10/06/14 17:40
720-60396-6	MP-01-3	Water	10/06/14 14:20	10/06/14 17:40
720-60396-7	MP-02-1	Water	10/06/14 09:35	10/06/14 17:40
720-60396-8	MP-02-3	Water	10/06/14 11:05	10/06/14 17:40
720-60396-9	MP-03-1	Water	10/06/14 11:15	10/06/14 17:40
720-60396-10	MP-03-2	Water	10/06/14 08:35	10/06/14 17:40
720-60396-11	MP-03-3	Water	10/06/14 11:00	10/06/14 17:40
720-60396-12	MP-04-1	Water	10/06/14 12:40	10/06/14 17:40
720-60396-13	MP-04-2	Water	10/06/14 12:50	10/06/14 17:40
720-60396-14	MP-04-3	Water	10/06/14 09:35	10/06/14 17:40
720-60396-15	TB100614-1	Water	10/06/14 08:00	10/06/14 17:40
720-60396-16	TB100614-2	Water	10/06/14 08:02	10/06/14 17:40

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CHAIN OF CUSTODY FORM

Seq. No. 1248

Lab: TA

1465 North McDowell Blvd.
Suite 200
Petaluma, CA 94954
(707) 793-3800

Samplers: D. Allen

720-60396

Job Number: OD101600070.00008.A

Name/Location: Crown Chevrolet Cadillac ISUZU

Project Manager: Avery Whitmarsh

Recorder: (Signature Required)

10/20/2014

	MATRIX			# CONTAINERS						SAMPLE NUMBER	DATE				STATION DESCRIPTION		ANALYSIS REQUESTED			
	Water	Soil	Air	Unpres.	H2SO4	HNO3	HCL				YR	MO	DAY	TIME		DEPTH	8260	8270	TITLE 22 METALS	8260 + TPHd
1.	X						X3			MW-01	14	10	06	1225					X	
2.							3			MW-100	14	10	06	1230					X	
3.							9			MW-02	14	10	06	0840					X	
4.							3			MP-01-1	14	10	06	1235					X	
5.							3			MP-01-2	14	10	06	1330					X	
6.							3			MP-01-3	14	10	06	1420					X	
7.							3			MP-02-H MP-02-1	14	10	06	0935					X	
8.							3			MP-02-3	14	10	06	1105					X	
9.							3			MP-03-1	14	10	06	1115					X	
10	X						2			MP-03-2	14	10	06	0835					X	

ADDITIONAL INFORMATION

REPORT TO: avery.whitmarsh@amec.com
david.allen@amec.com

PO#: CO22056S2

TAT: Standard

Comments: Field Filtered Y/N

EDF required. Site ID: T10000001616

MW-02 MS/MSD

720-60396 Chain of Custody

3.2°/1.6°

CHAIN OF CUSTODY RECORD

Relinquished By (Signature)	(Print Name)	(Company)	(Date/Time)
	David Allen	AMEC	10/6/14 1740
Received By (Signature):	(Print Name)	(Company)	(Date/Time)
	Tom Mullen	Mullen Testing	10-6-14
Relinquished By (Signature)	(Print Name)	(Company)	(Date/Time)
Received By (Signature):	(Print Name)	(Company)	(Date/Time)
Relinquished By (Signature)	(Print Name)	(Company)	(Date/Time)
Received By (Signature):	(Print Name)	(Company)	(Date/Time)

Method of Shipment:

White - Laboratory Copy Yellow - Project Office Copy Pink - Field or Office Copy F1008-E

Page 2 of 2
156737

Seq. No. 1249

Lab: TA

1465 North McDowell Blvd.
Suite 200
Petaluma, CA 94954
(707) 793-3800

CHAIN OF CUSTODY FORM

amec

Samplers: D. Allbut

720-60396

10/20/2014

Job Number: 00101600070.00008.A

Name/Location: Crown Chevrolet Cadillac Isuzu

Project Manager: Avery Whitmarsh

Recorder: D. Allbut (Signature Required)

	MATRIX				# CONTAINERS						SAMPLE NUMBER	DATE				STATION DESCRIPTION		ANALYSIS REQUESTED			
	Water	Soil	Air		Unpres.	H2SO4	HNO3	HCL				YR	MO	DAY	TIME		DEPTH	8260	8270	TITLE 22 METALS	VOCs 8260B + TPHg
11.	X							3			MP-03-3	14	10	06	1110						X
12.								2			MP-04-1	14	10	06	1240						X
13.								3			MP-04-2	14	10	06	1250						X
14.								3			MP-04-3	14	10	06	0935						X
15.								3			TB100614-1	14	10	06	0800						X
16.								3			TB100614-2	14	10	06	0802						X

ADDITIONAL INFORMATION

REPORT TO: avery.whitmarsh@amec.com
david.allbut@amec.com

PO#: C01220562

TAT: standard

Comments: Field Filtered Y/N

EDF required. Site ID: T1000001616

CHAIN OF CUSTODY RECORD

Relinquished By (Signature)	(Print Name)	(Company)	(Date/Time)
D. Allbut	David Allbut	AMEC	10/6/14 1740
Received By (Signature):	(Print Name)	(Company)	(Date/Time)
Joan Muller	Muller		10-6-14 1740
Relinquished By (Signature)	(Print Name)	(Company)	(Date/Time)
Received By (Signature):	(Print Name)	(Company)	(Date/Time)
Relinquished By (Signature)	(Print Name)	(Company)	(Date/Time)
Received By (Signature):	(Print Name)	(Company)	(Date/Time)

Method of Shipment:

White - Laboratory Copy Yellow - Project Office Copy Pink - Field or Office Copy F1008-E

Salimpour, Afsaneh

From: Whitmarsh, Avery [avery.whitmarsh@amec.com]
Sent: Friday, October 10, 2014 10:58 AM
To: Salimpour, Afsaneh
Cc: Allbut, David; Stemler, Greg
Subject: Crown - sample analysis

Hi Afsaneh –

We'd like to release all the samples from hold that we had submitted on Monday for Crown Chevrolet.

That is for the following job numbers:
- 720-60396
- 720-60404

Please let me know if you have any questions.

Thanks
Avery

Avery Whitmarsh, PG
Senior Geologist
AMEC
[illegible]
Grand Avenue, Suite 1100, Oakland, CA 94612 USA
[illegible] (510-663-4141)
[illegible] mobile/cell 415-378-3912
avery.whitmarsh@amec.com
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720-60396 Chain of Custody

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-60396-1

Login Number: 60396
List Number: 1
Creator: Bullock, Tracy

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

amec foster wheeler

APPENDIX C

Data Quality Review

DATA QUALITY REVIEW
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California
Site Cleanup Program Case No. RO0003014

April 21, 2015
Project OD10160070

This Data Quality Review appendix was prepared by the staff of Amec Foster Wheeler under the supervision of the project Data Quality Manager whose signature appears hereon.

The findings, recommendations, specifications, or professional opinions are presented within the limits described by the client, in accordance with generally accepted professional engineering and geologic practice. No warranty is expressed or implied.

Jake Torrens
Associate Scientist
Amec Foster Wheeler Environment & Infrastructure, Inc.

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DATA QUALITY REVIEW
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7544 Dublin Boulevard
Dublin, California

1.0 INTRODUCTION

Amec Foster Wheeler Environment & Infrastructure, Inc. ("Amec Foster Wheeler"), evaluated the analytical data from the third and fourth quarter 2014 groundwater monitoring events using guidelines set forth in the U.S. Environmental Protection Agency's (EPA's) *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (National Functional Guidelines; U.S. EPA, 2008).

The data quality review also included a data completeness check of the data packages, a transcription check of sample results, and a review of all laboratory reporting forms. Qualified data are included in the data summary tables in the main body of this report (with the exception of analytes that have not been detected at the site, which are not tabulated). Data qualifiers for the third and fourth quarter 2014 groundwater monitoring events are included on the laboratory analytical reports, copies of which are included in Appendix B.

2.0 THIRD QUARTER 2014 GROUNDWATER MONITORING

Quality assurance procedures for groundwater samples collected during the third quarter 2014 groundwater monitoring event included the collection and analysis of one blind field duplicate sample and one matrix spike/matrix spike duplicate (MS/MSD) sample; laboratory analysis of method blank samples, surrogate spikes, and laboratory control spike/laboratory control spike duplicates (LCS/LCSDs); and evaluation of the analytical results.

The blind field duplicate groundwater sample was collected from monitoring well MW-01 and labeled as MW-100. The groundwater MS/MSD sample was collected from monitoring well MW-02.

A review of groundwater data quality is provided in the following sections.

2.1 DATA ACCURACY

Data accuracy was assessed by the analysis of LCS, LCSD, MS, and MSD samples and evaluation of the recovery of spiked compounds, and is expressed as a percentage of the true or known concentrations. Surrogate recoveries and blank results also were used to assess accuracy.

2.1.1 Spiked Compounds

No results were qualified due to LCS/LCSD or MS/MSD recoveries.

2.1.2 Surrogate Recoveries

No groundwater data were qualified due to surrogate recoveries.

2.1.3 Method Blanks

There were no detections in the method blank samples.

2.1.4 Trip Blanks

Two trip blanks were submitted for volatile organic compound (VOC) analysis. There were no detections in the trip blank samples.

2.1.5 Other Factors

Total petroleum hydrocarbons quantified as gasoline (TPHg; reported by the analytical laboratory as gasoline range organics) were reported at a concentration similar to trichloroethene (TCE) in groundwater sample MP-02-1 and to tetrachloroethene (PCE) in groundwater samples MW-01, MW-100, MP-01-1, and MP-03-1. The analytical laboratory indicated in the case narratives for these samples that the reported TPHg results were due to presence of discrete peaks (PCE or TCE) and not the presence of gasoline range organics. As a result, Amec Foster Wheeler qualified these TPHg results with “R” to indicate that they are rejected.

2.2 DATA PRECISION

Data precision is evaluated by comparing analytical results from the duplicate sample pair and evaluating the calculated relative percent difference (RPD) between the data sets. Results for LCS/LCSD, MS/MSD, and the field duplicate sample pair were evaluated to assess the precision of the analytical methods. A summary of sample results from the field duplicate sample pair is shown in Table C-1.

The RPDs for the MS/MSD, LCS/LCSD, and field duplicate pairs were within acceptance limits.

2.3 DATA COMPLETENESS

Completeness is the ratio of the number of valid sample results to the total number of samples analyzed with a specific matrix and/or analysis. The percent complete is calculated by the following equation:

$$\% \text{ Complete} = \frac{(\text{number of valid measurements})}{(\text{number of measurements planned})} \times 100$$

The percent complete for groundwater sample data collected during the third quarter 2014 groundwater monitoring event is 100 percent, with the exception of TPHg results, where the percent complete is 61.5 percent.

3.0 FOURTH QUARTER 2014 GROUNDWATER MONITORING

Quality assurance procedures for groundwater samples collected during Amec Foster Wheeler's fourth quarter 2014 groundwater monitoring event included the collection and analysis of one blind field duplicate sample and one MS/MSD sample; laboratory analysis of method blank samples, surrogate spikes, and LCS/LCSDs; and evaluation of the analytical results.

The blind field duplicate groundwater sample was collected from monitoring well MW-01 and labeled as MW-100. The groundwater MS/MSD sample was collected from monitoring well MW-02.

A review of groundwater data quality is provided in the following sections.

3.1 DATA ACCURACY

Data accuracy was assessed by the analysis of LCS, LCSD, MS, and MSD samples and evaluation of the recovery of spiked compounds, and is expressed as a percentage of the true or known concentrations. Surrogate recoveries and blank results also were used to assess accuracy.

3.1.1 Spiked Compounds

No results were qualified due to LCS/LCSD or MS/MSD recoveries.

3.1.2 Surrogate Recoveries

No groundwater data were qualified due to surrogate recoveries.

3.1.3 Method Blanks

There were no detections in the method blank samples.

3.1.4 Trip Blanks

Two trip blank samples were submitted for VOC analysis. There were no detections in the trip blank samples.

3.1.5 Other Factors

TPHg were reported at concentrations similar to one or more compounds including PCE, TCE, and/or cis-1,2-dichloroethene (cis-1,2-DCE) in groundwater samples MW-01, MW-100, MP-01-1, and MP-02-1. The analytical laboratory indicated in the case narratives for these samples that the TPHg results were due to presence of discrete peaks (PCE, TCE, or,

cis-1,2-DCE) and not the presence of gasoline range organics. As a result, Amec Foster Wheeler qualified these TPHg results with “R” to indicate that they are rejected.

3.2 DATA PRECISION

Data precision is evaluated by comparing analytical results from duplicate sample pairs and evaluating the calculated RPD between the data sets. Results for the LCS/LCSD, MS/MSD, and the field duplicate sample pairs were evaluated to assess the precision of the analytical methods. A summary of sample results from the field duplicate sample pair is shown in Table C-1.

The RPDs for the MS/MSD, LCS/LCSD, and the field duplicate pairs were within acceptance limits.

3.3 DATA COMPLETENESS

Completeness is the ratio of the number of valid sample results to the total number of samples analyzed with a specific matrix and/or analysis. The percent complete is calculated by the following equation:

$$\% \text{ Complete} = \frac{(\text{number of valid measurements})}{(\text{number of measurements planned})} \times 100$$

The percent complete for groundwater sample data collected during the second quarter 2014 groundwater monitoring event is 100 percent, with the exception of the TPHg results, where the percent complete is 75 percent.

4.0 SUMMARY OF GROUNDWATER DATA QUALITY REVIEW

Based on an evaluation of data quality for samples collected during the third and fourth quarter 2014 groundwater monitoring events, all the analytical results are valid and useable, with the exception of the rejected results. The data are acceptable and can be used for decision-making purposes; however, the limitations identified by the applied qualifiers should be considered when using the data.

5.0 REFERENCES

U.S. Environmental Protection Agency, 2008, USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, EPA-540-R-08-01, June.

TABLE C-1

SUMMARY OF PRECISION DATA
FOR ANALYSIS OF GROUNDWATER FIELD DUPLICATE SAMPLES

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

All concentrations reported in µg/L

Primary Sample ID	Duplicate Sample ID	Collection Date	Compound[1]	Reporting Limit	Primary Sample Result	Duplicate Sample Result	RPD[2]	Absolute Difference Between Sample Results[3]
MW-01	MW-100	7/30/2014	Tetrachloroethene	0.50/1.0	100	100	0%	NA
			Trichloroethene	0.50/1.0	0.89	<1.0	NA	0.11
MW-01	MW-100	10/6/2014	Tetrachloroethene	0.50	82	90	9%	NA
			Trichchloroethene	0.50	0.95	0.97	NA	0.02

Notes

1. Only compounds detected in at least one of the field primary or field duplicate samples are shown.
2. Relative Percent Difference (RPD) is calculated by:

$$RPD \quad \% \quad = \left| \frac{2(S_1 - S_2)}{S_1 + S_2} \right| \times 100$$

   Where S_1, is the sample concentration and S_2 is the blind duplicate sample concentration.
3. The RPD is not applicable when the sample results are less than two times the reporting limit.
   In those cases, duplicate results are acceptable when the absolute difference between the results is less than the reporting limit.
   When a compound was detected in one duplicate sample, but was not detected at or above the laboratory reporting limit in the other sample, then the results are acceptable when the absolute difference between the detected result and the reporting limit is less than the reporting limit.

Abbreviations

µg/L = micrograms per liter
NA = not applicable