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October 31 2014

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

Subject: **First and Second Quarter 2014 Groundwater Monitoring Report**
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California
Fuel Leak Case No. RO0003014

Dear Ms. Roe:

Enclosed please find the *First and Second 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 Environment & Infrastructure, Inc. (AMEC), 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 (925) 984-1426 or Avery Whitmarsh of AMEC at 510-663-4154 if you have any questions regarding this Work Plan.

Sincerely yours,

Terri Costello

Terri Costello
Betty J. Woolverton Trust

Attachment: First and Second Quarter 2014 Groundwater Monitoring Report

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

FIRST AND SECOND 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 Environment & Infrastructure, Inc.
180 Grand Avenue, Suite 1100
Oakland, California 94612

October 2014

Project No. OD10160070

amec

FIRST AND SECOND QUARTER 2014 GROUNDWATER MONITORING REPORT

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

October 31, 2014
Project OD10160070

This report was prepared by the staff of AMEC 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
No. 8541

Avery Whitmarsh, PG #8541
Senior Geologist

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FIRST AND SECOND QUARTER 2014
GROUNDWATER MONITORING REPORT

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

AMEC Environment & Infrastructure, Inc. (AMEC), has prepared this *First and Second 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 Environmental Health (ACEH).

On February 5 and April 16 2014, AMEC performed the quarterly groundwater elevation gauging and groundwater sampling for the monitoring wells installed at the site. This report presents the results of the quarterly groundwater monitoring events.

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 site is now inactive. The site consists of an approximately 4.97-acre parcel (ACEH 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 ACEH 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 136-acre parcel, and the case was closed on August 4, 2014.

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 (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 remains beneath building walls (AMEC, 2011).

A summary of the results from the previous investigations is included in AMEC's *Soil, Groundwater, and Soil Vapor Investigation Report* (AMEC, 2012b). At this time, site redevelopment is planned, and the FS/CAP includes additional detail regarding plans to mitigate the impacts discussed above (AMEC, 2014). An investigation to support the design of a permeable reactive barrier (PRB) to treat the PCE- and TCE-impacted water as it enters the site began in August 2014, and portions of the investigation are ongoing. The demolition of site buildings is currently planned for November 2014. Following the demolition of Building B, additional soil removal will be performed to address impacted soil that remains beneath the building walls.

In September 2012, seven monitoring wells (with 15 well ports) were installed at the site. An initial round of sampling was conducted at that time, and the well installation activities and results were reported in AMEC's *Soil, Groundwater, and Soil Vapor Investigation Report* (AMEC, 2012b). Beginning in January 2013, the site wells have been sampled once each quarter. The first and second quarter monitoring events, conducted February 5 and April 16, 2014, are reported herein.

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 February 5 and April 16, 2014, groundwater samples were collected from the 15 wells and well ports at the site. The monitoring well network at the site consists of three shallow 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). Construction details for the monitoring wells 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 well sampling field record. Copies of the well sampling records from February and April 2014 are included in Appendix A.

2.2 MONITORING WELL SAMPLING

Following gauging and prior to sample collection, each well was purged using a low-flow technique at flow rates ranging from of 20 to 225 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; field parameters did not stabilize. During the first and second 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.

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 chain-of-custody procedures. Purge water generated during 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 the February event from monitoring well MW-03 and in April from 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

Decontamination, rinse, and purge water generated during these and other recent groundwater monitoring events was stored at the site in two appropriately–labeled 55-gallon drums pending off-site disposal. Water samples were collected from each drum following the April 2014 monitoring event and analyzed for VOCs by EPA method 8260B (including TPHg) and diesel range organics (DRO) by EPA method 8015B. The drums were removed on May 5, 2014 by American Integrated Services, Inc. (AIS), a licensed hazardous waste hauler. One drum was transported to Clean Harbors of San Jose, LLC. The second drum was transported to Crosby and Overton, Inc. in Long Beach, CA. Copies of the waste manifests for the disposal of these groundwater drums (and for soil drums that were also present from previous investigation activities) are included in Appendix C.

2.5 DATA QUALITY REVIEW

AMEC evaluated the analytical data generated during the first and second 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 quality assurance/quality control (QA/QC) senior technical reviewer, is included in Appendix D, and is summarized below.

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

The recovery of PCE in one second quarter laboratory control sample was above the laboratory control limit. The PCE detection in associated project sample MP-02-1 was qualified with "J" to indicate that the associated numerical value is an approximate concentration of the analyte in the sample.

Recoveries of several analytes exceeded their respective laboratory control limits in the second quarter MS/MSD samples, which were collected from wells screened in the first water-bearing zone. As a result, detected results for samples collected from the first water-bearing zone (i.e. PCE and TCE) were qualified with "J" to indicate that the associated numerical values are approximate concentrations of the analytes in the samples. Because the recoveries indicate that results are biased high, no action was required for analytes that were not detected.

Data precision is evaluated by comparing analytical results from duplicate sample pairs and evaluating the calculated relative percent difference (RPD) between the data sets. 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. The RPDs for chlorobenzene, 1,2-dichlorobenzene, PCE, and/or TCE in one or both field duplicate sample pairs. As a result, some results were qualified with “J” to indicate that the associated numerical values are approximate concentrations of the analyte in the samples.

All detectable concentrations of TPHg in both sampling events were identified by the laboratory to be the result of discrete peaks (caused by PCE, TCE, and/or cis-1,2-dichloroethane). 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 first and second quarter 2014 groundwater monitoring activities.

3.1 GROUNDWATER ELEVATIONS, FLOW DIRECTIONS, AND GRADIENTS

Depths to groundwater in the site monitoring wells (MW-01 through MW-03, and MP-01 through MP-04) were measured on February 5 and April 16, 2014. The depths to groundwater and calculated groundwater surface elevations are shown in Table 2.

AMEC 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 0.0018 feet per foot on February 5, 2014 and 0.0026 feet per foot on April 16, 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 0.0050 feet per foot on February 5, 2014 and 0.0054 feet per foot on April 16, 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. Additionally, the water level measured in MP-03-1 in February 2014 did not appear to be representative of the potentiometric surface of the first water bearing zone and was not included in calculations of hydraulic gradient or potentiometric surface maps for the first quarter. The potentiometric surface maps for first and third water-bearing zones during the first and second quarters of 2014 are presented on Figures 2 through 5. Rose diagrams also appear on Figures 2 through 5 to summarize the variation in the direction of the groundwater gradient observed since monitoring began in 2012.[1]

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 0.016 to 0.044 feet per foot downward on February 5, 2014, and from 0.039 feet upward to 0.051 feet per foot downward on April 16, 2014. For the approximately 45- to 60-foot interval, vertical gradients ranged from 0.083 to 0.116 feet per foot downward on February 5, 2014, and from 0.112 feet downward to 0.244 feet per foot downward on April 16, 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, during each quarterly monitoring event 15 groundwater samples were collected from three water-bearing zones at the site (from monitoring wells MW-01 through MW-03 and MP-01 through MP-04) and 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 6.

For discussion purposes, groundwater analytical results from February and April 2014 monitoring were compared to drinking water environmental screening levels (ESLs), 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.

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[1] It should be noted that an error was identified in the previous rose diagrams for the first water bearing zone. The first quarter 2013 gradient calculated for the first water bearing zone had incorrectly included the water level from well MW-03, which AMEC identified as not representing proper atmospheric equilibration and thus excluded from the calculation of the potentiometric surface and the drawing of contour lines. This error has been corrected in the current rose diagram for the first water-bearing zone.

A summary of the February and April 2014 monitoring results is presented in the following sections.

3.2.1 First Water-Bearing Zone

In February 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 six monitoring wells (MP-01-1, MP-02-1, MP-03-1, MP-04-1, MW-02, and the primary sample at MW-03), 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 April 2014, PCE and TCE were detected in groundwater samples collected from all monitoring wells screened within the first water-bearing zone. Cis-1,2-DCE was detected in groundwater from six monitoring wells (MP-01-1, MP-02-1, MP-03-1, MP-04-1, MW-02, and MW-03); and 1,1-dichloroethene (1,1-DCE) and trans-1,2-DCE were detected in groundwater from monitoring well MP-02-1. Chlorobenzene and 1,2-DCB were detected in groundwater from monitoring well MW-03. No other VOCs were detected.

Some concentrations of PCE and TCE were greater than their respective ESLs for groundwater that is assumed to be a potential drinking water resource. During the February 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 120 µg/L in MP-03-1 and MW-01). During the April 2014 monitoring event, PCE was detected in groundwater samples collected from six of the seven wells in the first water-bearing zone at concentrations greater than the ESL (at a maximum estimated concentration of 190 µg/L in MW-01). TCE was detected in groundwater samples from five of the seven wells in the first water-bearing zone in February 2014 and six of the seven wells in April 2014 at concentrations greater than the ESL of 5 µg/L (at a maximum concentration of 49 µg/L in MP-02-1 in February 2014 and a maximum estimated concentration of 78 µg/L in MP-02-1 in April 2014). Only one other VOC was detected at a concentration greater than its respective ESL (cis-1,2-DCE detected at 8.0 µg/L in MP-02-1 in April 2014).

3.2.2 Second Water-Bearing Zone

TCE was detected at concentrations less than the ESL in the groundwater samples collected from MP-02-2 in both February and April 2014 and from MP-03-2 in April 2014. In both February and April 2014, cis-1,2-DCE was detected in groundwater from monitoring wells

MP-01-2 and MP-02-2; three of the four detected concentrations were greater than the ESL. No other VOCs were detected in the second water-bearing zone.

3.2.3 Third Water-Bearing Zone

TCE was detected in the February 2014 groundwater sample collected from MP-02-3 at a concentration less than the ESL. Cis-1,2-DCE was detected in groundwater samples collected from MP-01-3 and MP-02-3 in April at concentrations less than the ESL. 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 first and second quarter 2014 groundwater monitoring are presented in the following sections.

4.1 GROUNDWATER ELEVATIONS

The measured depths to groundwater (Table 2) were an average of approximately 0.03 feet lower in February 2014 than in October 2013 (excluding MP-03-2, which increased by more than 2 feet and does not appear to be representative of the potentiometric surface). The measured depths to groundwater were an average of 1.50 feet higher in April 2014 than in February 2014 (excluding MP-03-2, which decreased by 0.29 feet and does not appear to be representative of the potentiometric surface). The February 2014 groundwater elevations in the first and second water-bearing zones were at or near the lowest measured to date, likely resulting from lower-than-average rainfall during the winter of 2013-2014.

4.2 FIRST WATER-BEARING ZONE

As of April 2014, seven groundwater monitoring events had been conducted, allowing for assessment of concentration trends over a period of nearly 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 7.

In general, PCE concentrations in the first water-bearing zone have remained relatively stable. It is possible that the limited variation in concentrations is related to seasonal trends, but there is not enough data available at this time to confirm that. TCE concentrations have remained relatively stable in about half the wells, although four wells (MP-01-1, MP-02-1, MP-04-1, and MW-03) 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 is 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-dichlorobenzene at MW-03 are plotted over time on Figure 8. Chlorobenzene has been sporadically detected and 1,2-dichlorobenzene has been consistently detected; the concentrations have relatively remained stable and are less than the ESLs. No other related constituents (including benzene) have been detected in MW-03.

It should be noted that monitoring well MW-03 was destroyed in late August 2014. A new monitoring well to evaluate potential groundwater impacts related to the former sump is not planned to be installed until site redevelopment is complete, currently estimated for 2016.

4.3 SECOND WATER-BEARING ZONE

TCE and cis-1,2-DCE were both detected in the second water-bearing zone in the first half of 2014. TCE has been consistently detected at a low concentrations (less than the ESL) in monitoring well MP-02-2, and was detected for the first time in MP-03-2 in April 2014. Cis-1,2-DCE has been detected at increasing concentrations in MP-01-2 and MP-02-2 since 2013, with recent concentrations slightly greater than the ESL. Other VOCs previously detected in the second water-bearing zone were not detected in the first half of 2014.

4.4 THIRD WATER-BEARING ZONE

TCE and cis-1,2-DCE were sporadically detected in wells MP-01-1 and MP-02-1 in the third water-bearing zone during the first and second quarters of 2014, at concentrations less than their respective ESLs.

5.0 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.

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**	**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	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	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	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
CMT multi-port groundwater well	MP-01	MP-01-1	8/29/2012	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	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	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	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

Notes

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 (feet MSL)	Depth to Groundwater (feet BTOC)	Groundwater Elevation[1] (feet MSL)
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
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
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
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
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

TABLE 2

GROUNDWATER ELEVATIONS

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Sample Location	Date	Top-of-Casing Elevation (feet MSL)	Depth to Groundwater (feet BTOC)	Groundwater Elevation[1] (feet MSL)
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
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
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
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
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
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

TABLE 2

GROUNDWATER ELEVATIONS

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

Sample Location	Date	Top-of-Casing Elevation (feet MSL)	Depth to Groundwater (feet BTOC)	Groundwater Elevation[1] (feet MSL)
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
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
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
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

Note

1. Elevation datum is NGVD88.

Abbreviations

BTOC = below top of casing
MSL = above mean sea level
NGVD = National Geodetic Vertical Datum

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**[4]	<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**[3]	<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-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-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-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

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																	
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	<1	<2	<1	<1	<1	<1	<1	<100	**190 J**	**1.7 J**	170 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
		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-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

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-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-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-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

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	Bromodichloromethane	Chlorobenzene	Chloroform	Dibromochloromethane	1,2-Dichlorobenzene	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	2-Hexanone	PCE	TCE	TPHg	All Other VOCs
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-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-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-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
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

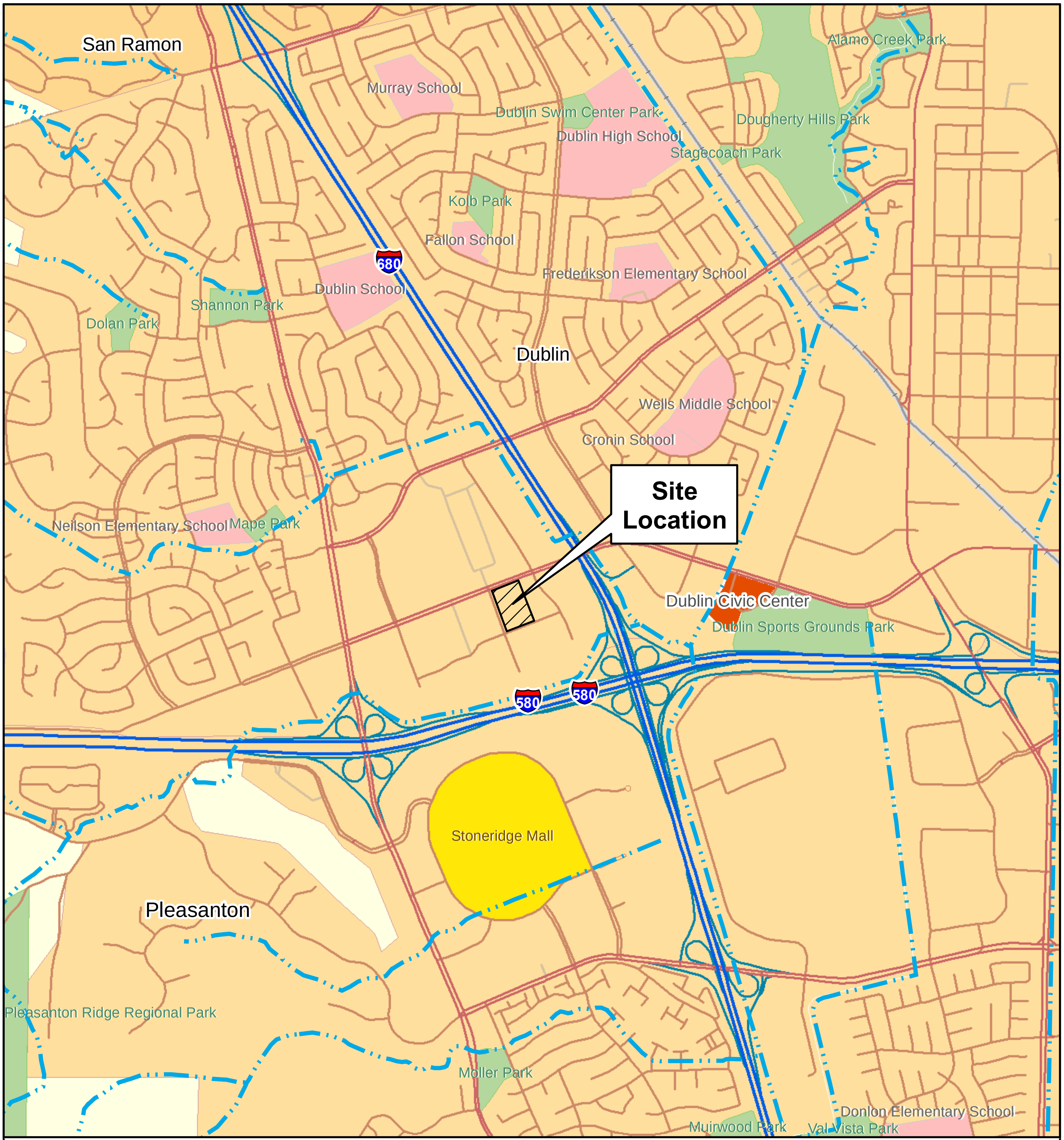
Notes:

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

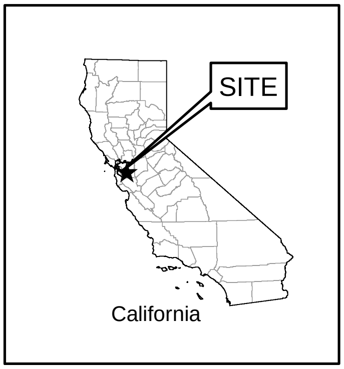
Abbreviations:

< = 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.
VOCs = volatile organic compounds

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

By: DAA	Date: 01/29/2014	Project No. OD10160070
amec		Figure 1

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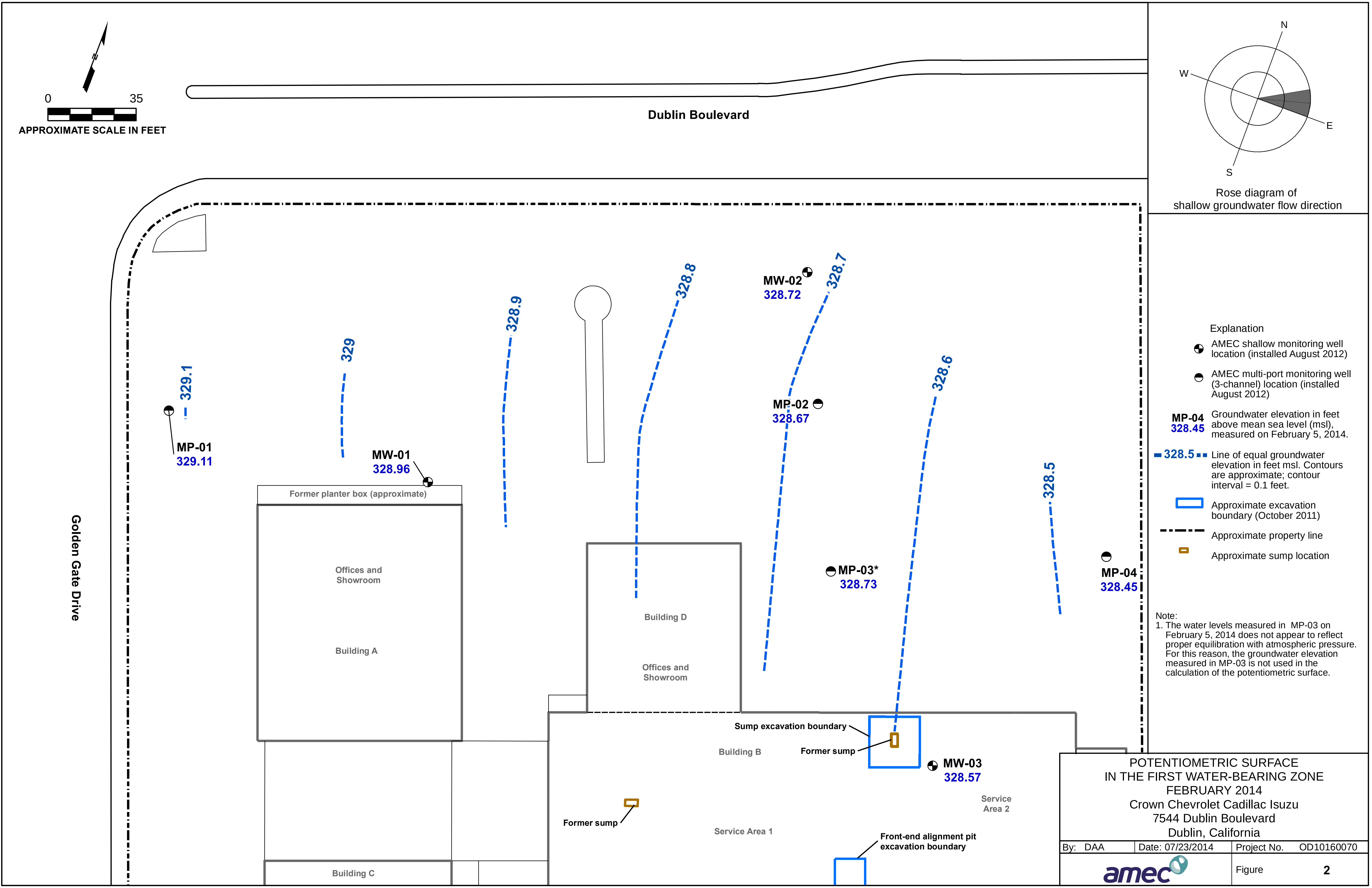

Note:
1. The water levels measured in MP-03 on February 5, 2014 does not appear to reflect proper equilibration with atmospheric pressure. For this reason, the groundwater elevation measured in MP-03 is not used in the calculation of the potentiometric surface.

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

By: DAA	Date: 07/23/2014	Project No. OD10160070
amec		Figure 2

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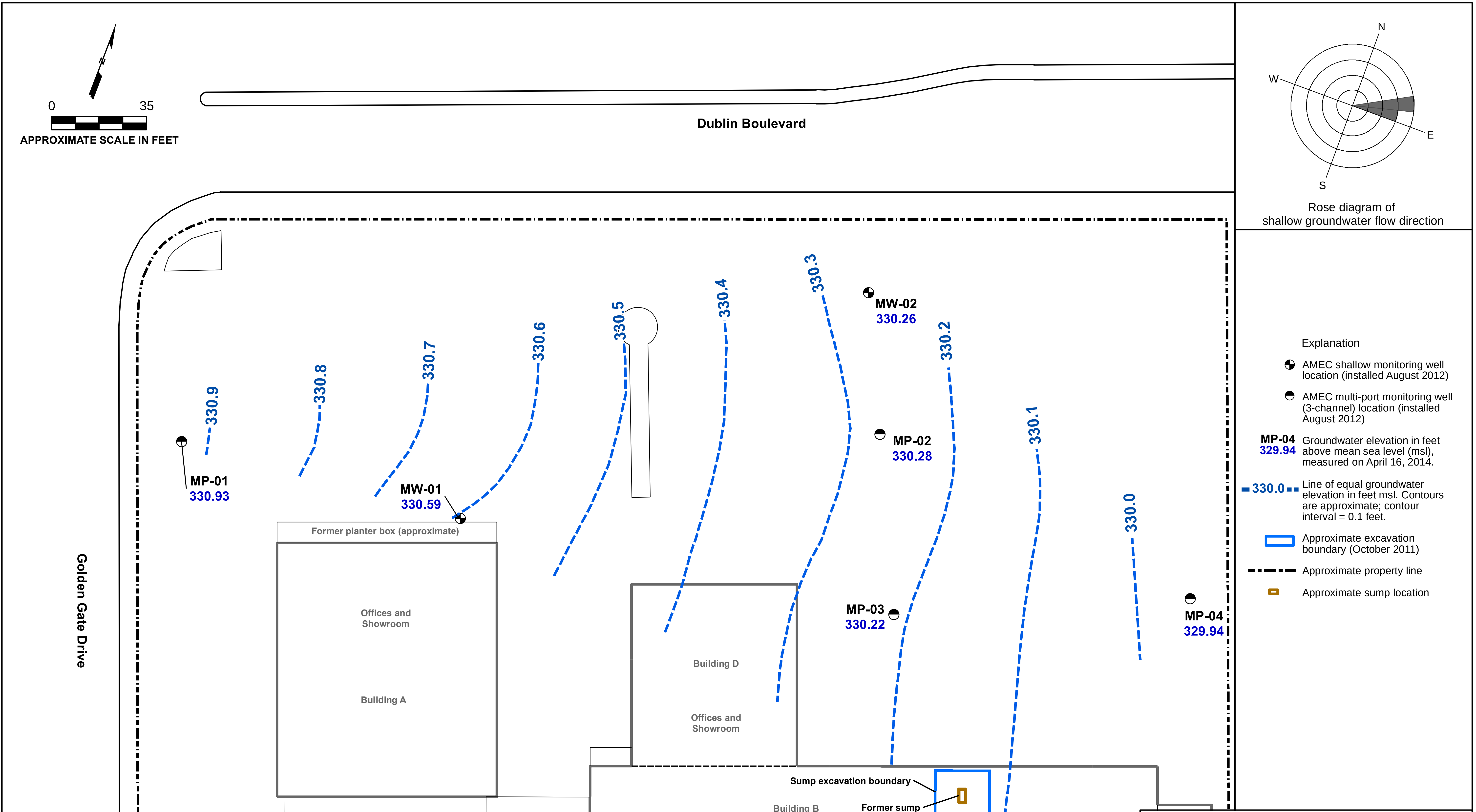

POTENTIOMETRIC SURFACE
IN THE FIRST WATER-BEARING ZONE
APRIL 2014
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

By: DAA
Date: 07/22/2014
Project No. OD10160070
amec
Figure 3

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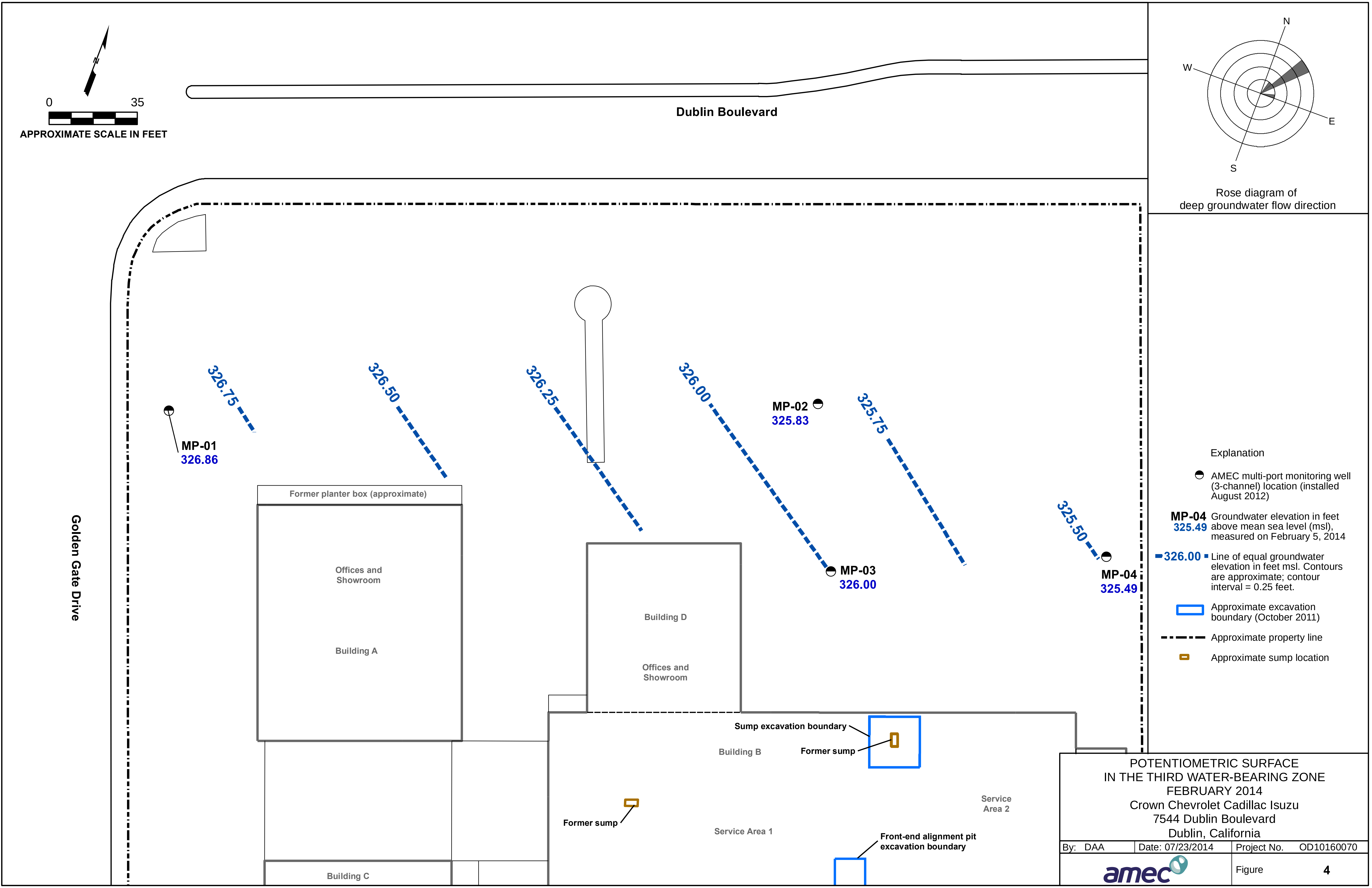

POTENTIOMETRIC SURFACE
IN THE THIRD WATER-BEARING ZONE
FEBRUARY 2014
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

By: DAA | Date: 07/23/2014 | Project No. OD10160070

amec

Figure 4

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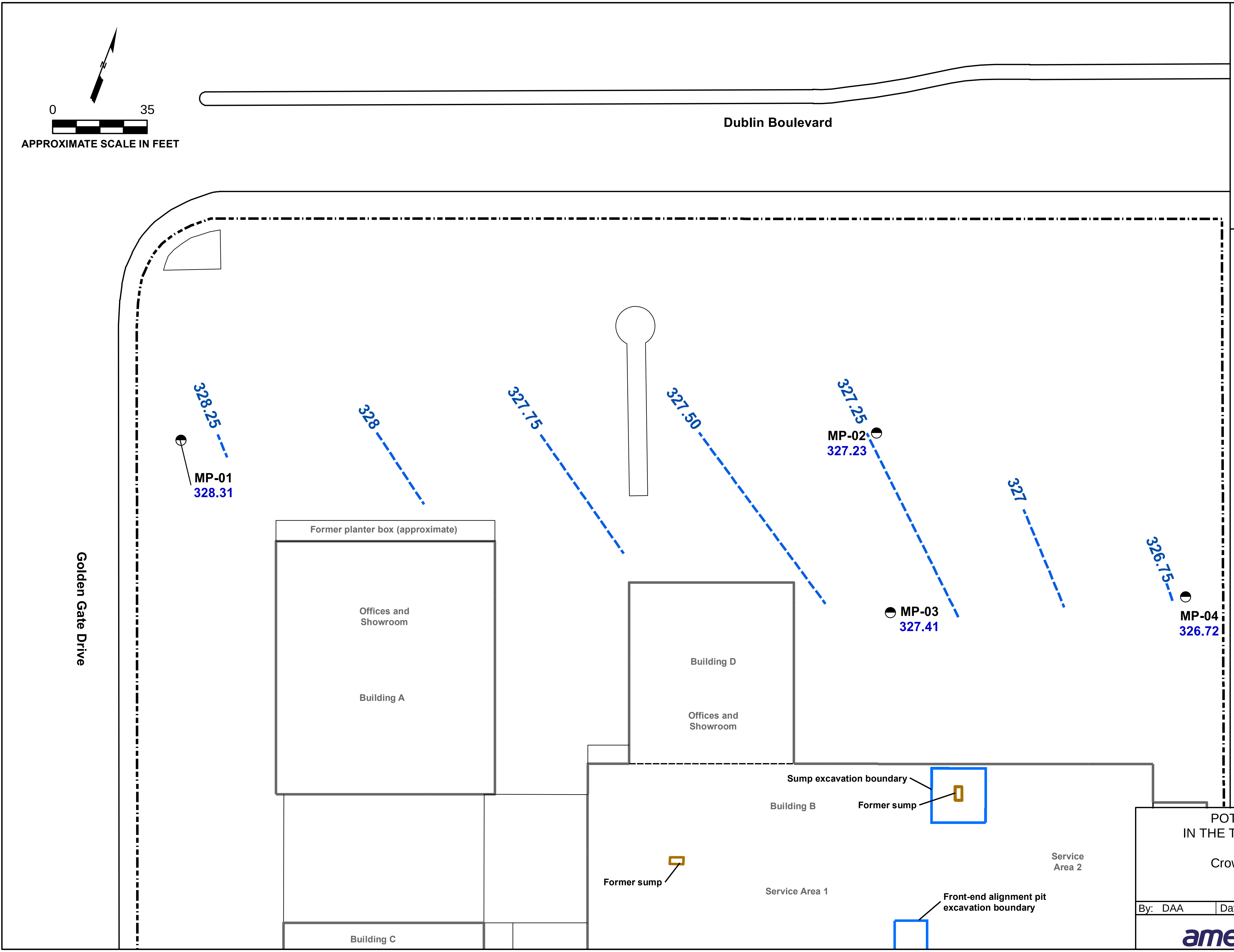

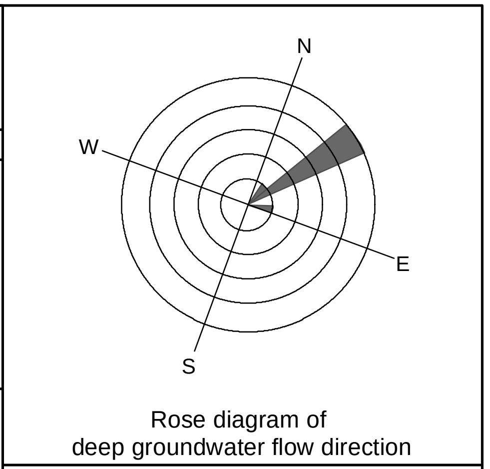

Rose diagram of deep groundwater flow direction

Explanation

◓	AMEC multi-port monitoring well (3-channel) location (installed August 2012)
MP-04 326.72	Groundwater elevation in feet above mean sea level (msl), measured on April 16, 2014
326.75	Line of equal groundwater elevation in feet msl. 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
APRIL 2014
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

By: DAA	Date: 07/23/2014	Project No. OD10160070
amec		Figure 5

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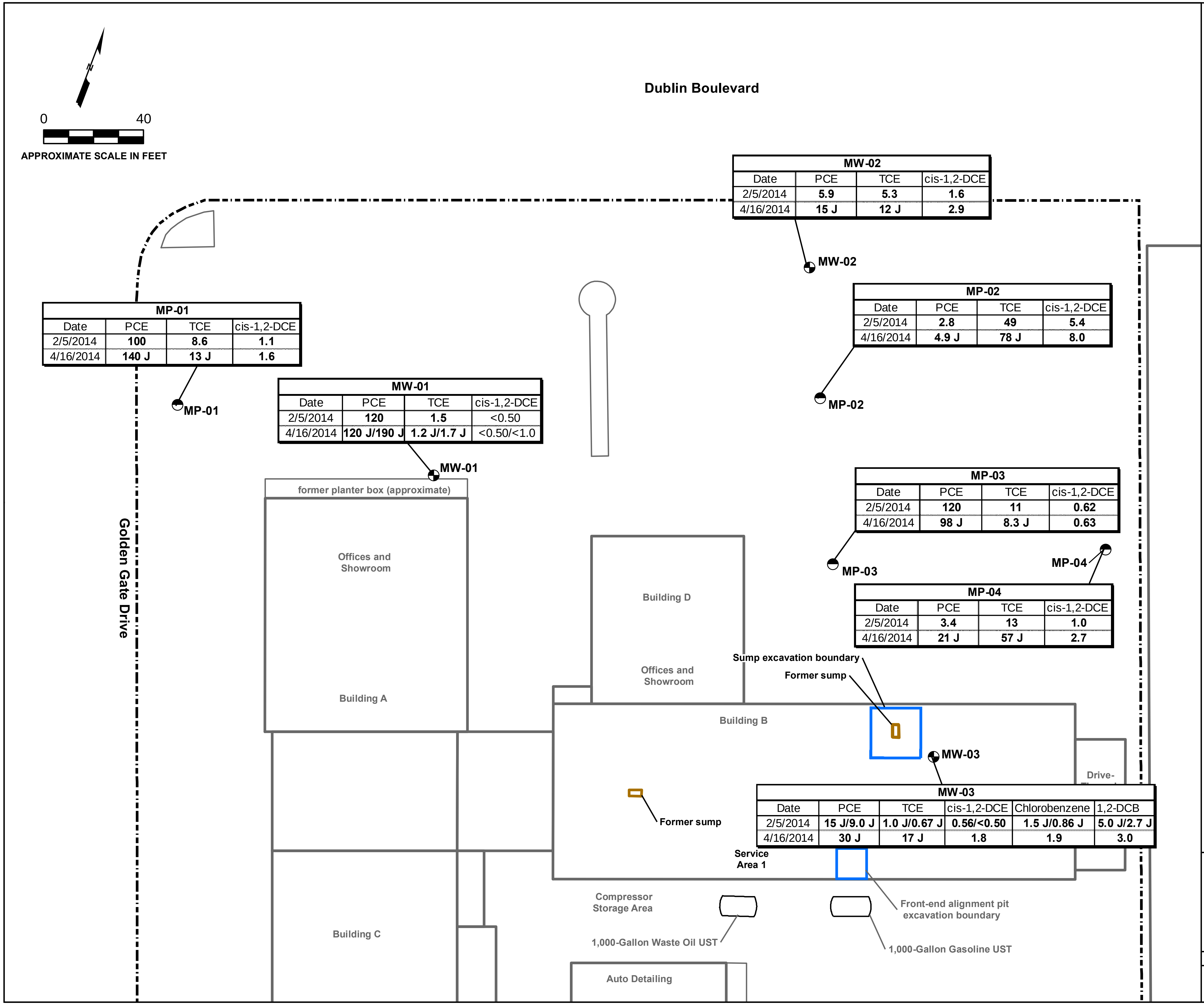


MW-02

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**

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**

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

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**

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**

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**

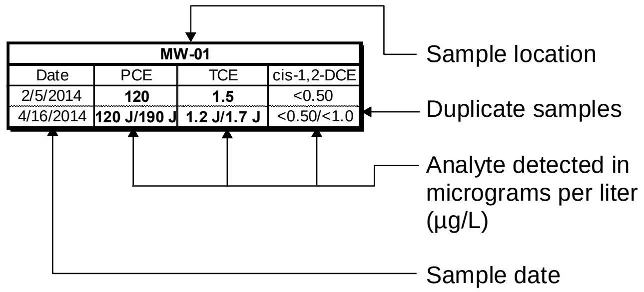
MW-03

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/<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**

Explanation

◓ Shallow monitoring well location

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



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
FEBRUARY AND APRIL 2014

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California

By: DAA
Date: 10/21/2014
Project No. OD10160070

amec

Figure 6

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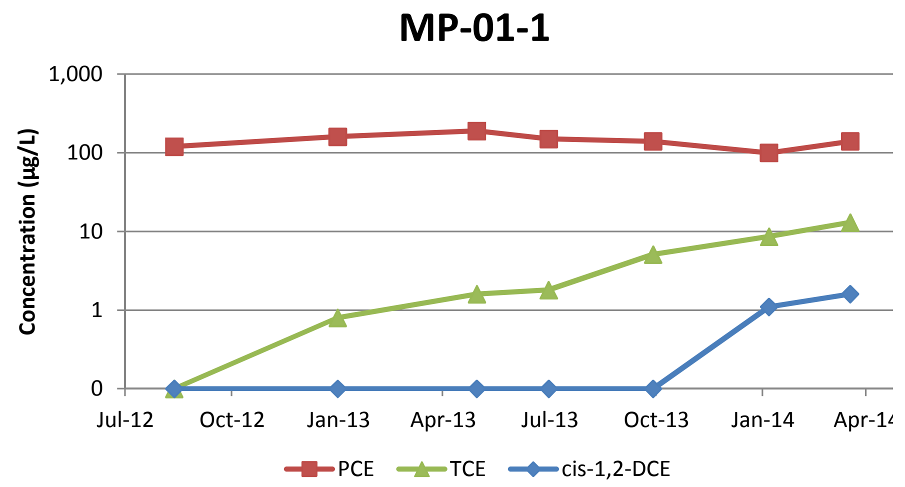
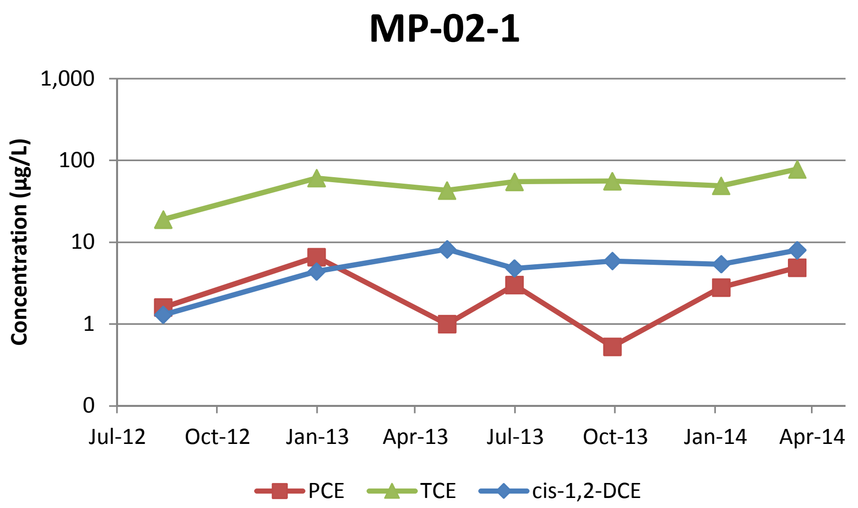
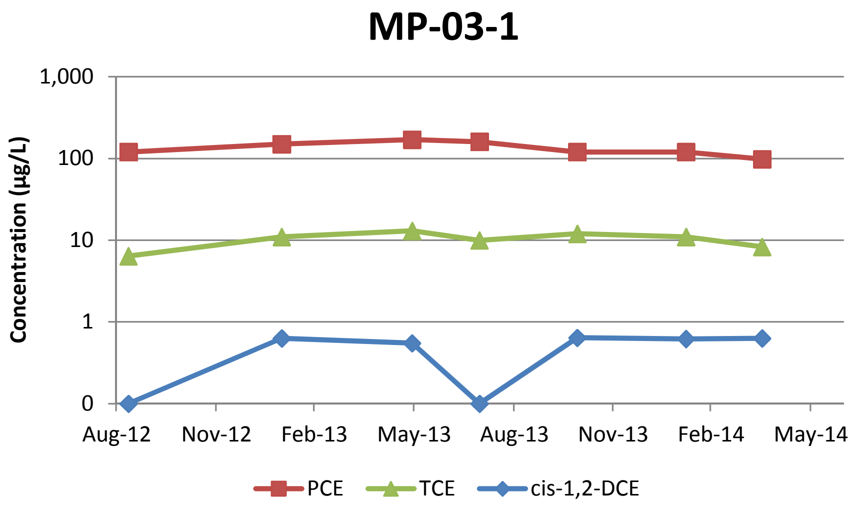
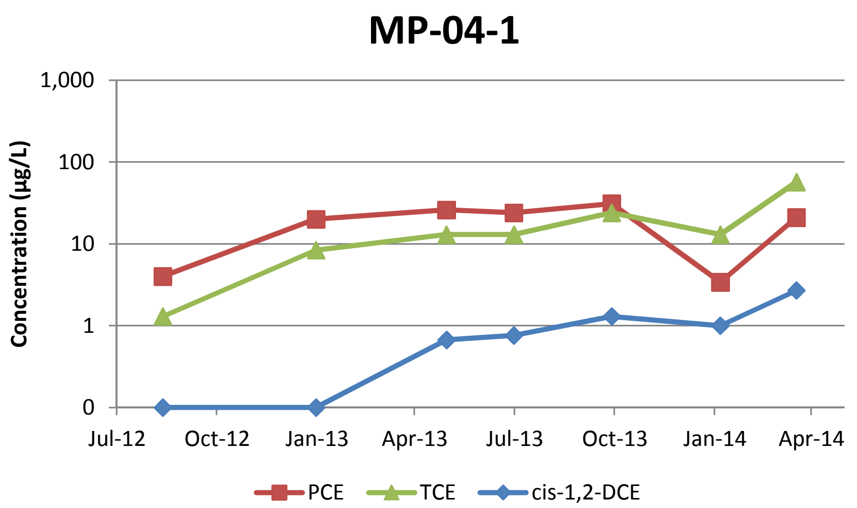
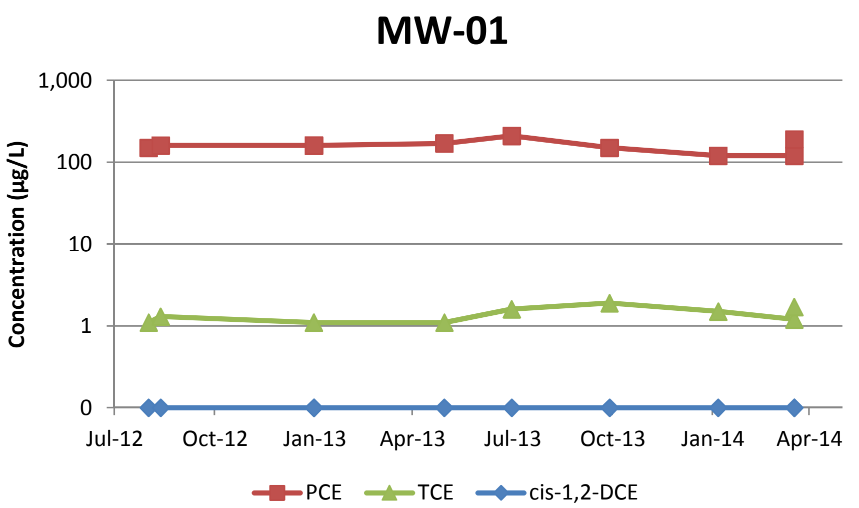
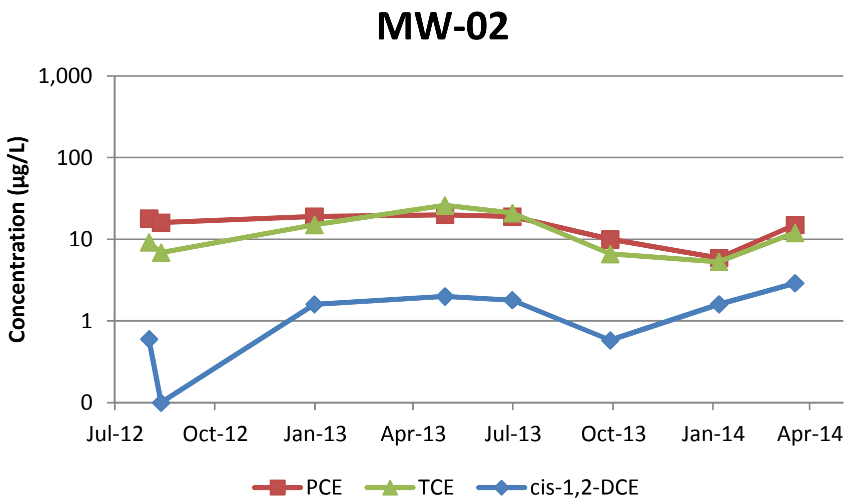


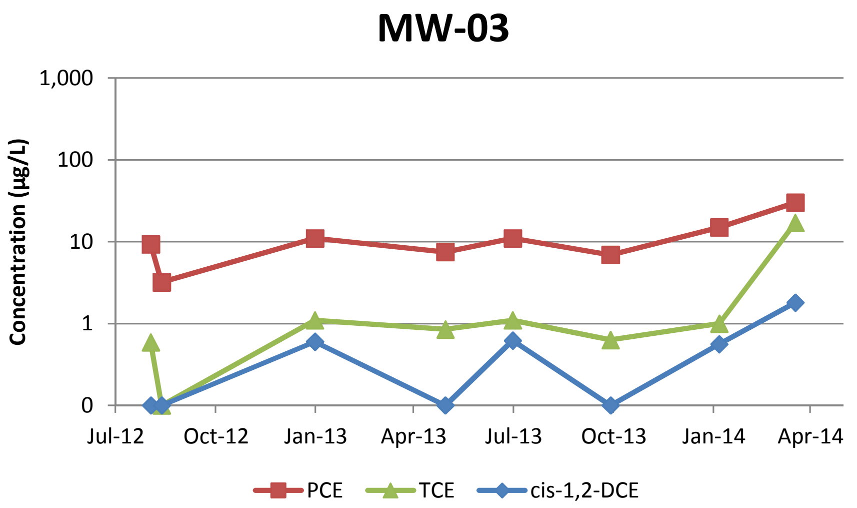










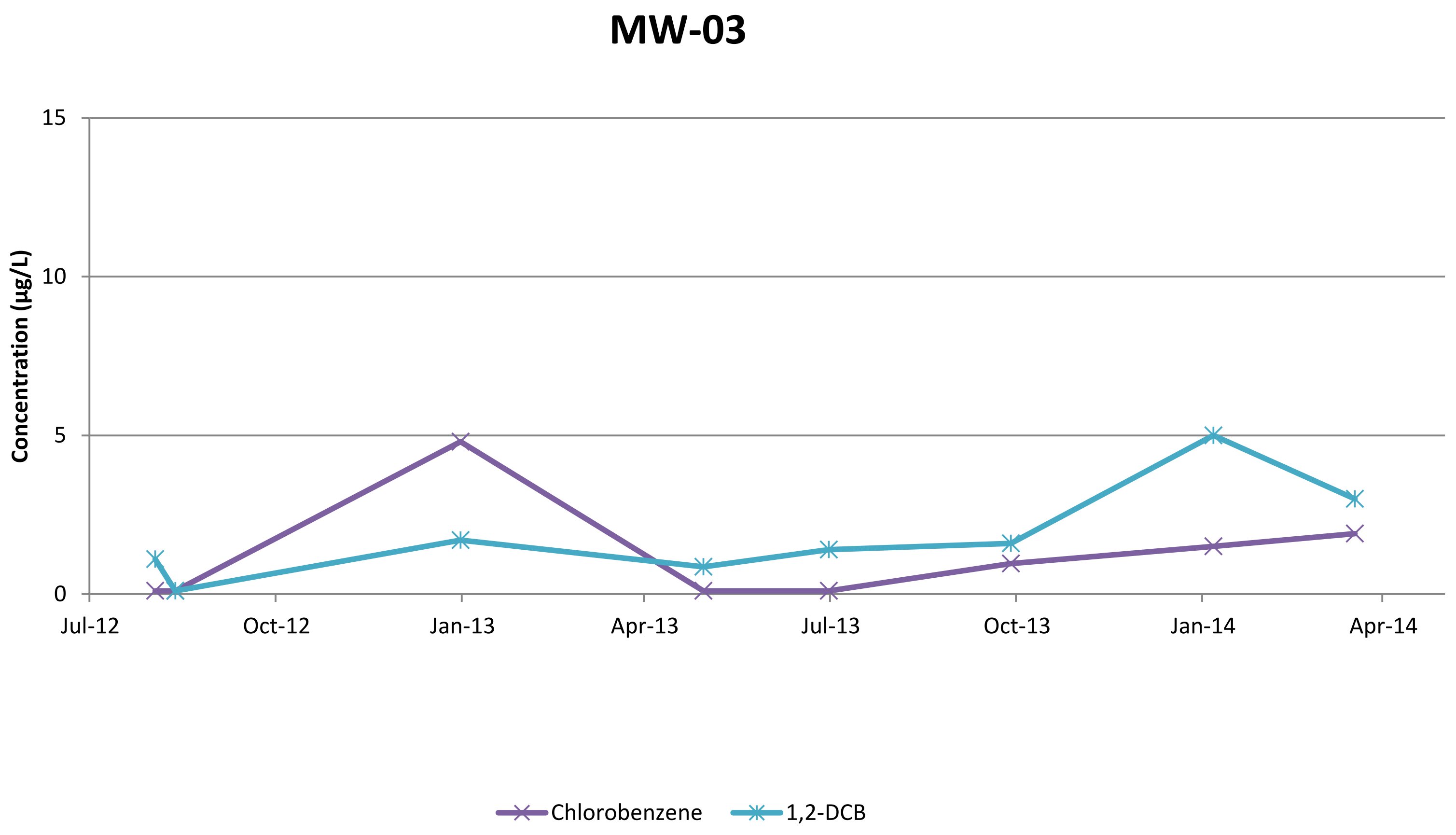


Note
Sample results reported as not detected at or above the laboratory reporting limit are plotted as zero

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

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

By: DAA	Date: 07/21/14	Project No.: OD10160070
amec		Figure 7



Note

Sample results reported as non-detect at or above the laboratory reporting limit are plotted as zero

Abbreviations

1,2-DCB = 1,2-dichlorobenzene
µg/L = micrograms per liter

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

By: DAA
Date: 07/21/14
Project No. OD10160070

Figure **8**

APPENDIX A

Well Sampling Field Records

WATER LEVEL MONITORING RECORD

Project Name: Crown Chevrolet

Date: 02/05/14 Measured by: David Allbut/David Pearson 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	1040	344.24	15.28		
MW-02	1445	340.24	11.52		
MW-03	1200	343.77	15.20		Inside building B, key needed.
MP-01-1	0755	343.20	14.09		
MP-01-2	0757	343.20	15.11		
MP-01-3	0957	343.20	16.34		
MP-02-1	1134	341.15	12.48		
MP-02-2	1221	341.15	12.87		
MP-02-3	1336	341.15	15.32		
MP-03-1	0750	342.21	13.48		
MP-03-2	0751	342.21	16.92		
MP-03-3	0752	342.21	16.21		
MP-04-1	0756	341.22	12.77		
MP-04-2	0757	341.22	13.91		
MP-04-3	0758	341.22	15.73		

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 2/5/14
Well Number/ID: MW-01	**Sample ID:** MW-01	**Duplicate ID:** –
Method of Purging: Peri Pump + Dedicated tubing	**Method of Sampling:** Same as purge	**Intake Depth:** 20.5

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12K101162	2/4/14	2/5/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.28 ft.	D. Water Column (B-A) = 5.89 ft.	Depth to Water After Sampling = 15.28 ft.
B. Well Total Depth = 21.17 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.14 gal.	Actual Volume Purged (from below) = 1250 gal/[✓ ml]
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = 0.42 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	
1046	Initial	100	16.2	1254	0.08	6.94	-11.8	N/A	clear
1049	500	85	16.1	1201	0.06	6.95	-17.0		
1052	750		15.7	1156	0.03	6.93	-21.9		
1055	1000		15.5	1151	0.01	6.93	-26.3		
1058	1250		15.4	1148	0.01	6.93	-29.4		

Remarks: 1100 Sampled for 8260B + TPHg

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(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: 2-5-14

Well Number/ID: mw-2	**Sample ID:** mw-2	**Duplicate ID:** N/A
Method of Purging: peri pump	**Method of Sampling:** peri pump	**Intake Depth:** 14

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	08C101082	2/4/14	2/5/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 11.52 ft.	D. Water Column (B-A) = 8.15 ft.	Depth to Water After Sampling = – ft.
B. Well Total Depth = 19.67 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.19 gal.	Actual Volume Purged (from below) = 3750 gal/ml.
C. Well Diameter = 3/4 in.	F. 3 Well Volumes (3 x E) = 0.57 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	
1500	Initial	225	18.42	751	2.68	7.47	-58	N/A	Clear
1505		175	19.58	742	2.39	7.32	-22	|	"
1510		"	19.14	740	2.06	7.31	-19	|	"
1515		"	1940	742	2.06	7.26	-11	|	"
1520	3750	"	1936	741	2.08	7.28	-13	|	"
1525	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: D. Albert

Date: 2/5/14

Well Number/ID: MW-03	**Sample ID:** MW-03	**Duplicate ID:**
Method of Purging: Peristaltic pump + dedicated tubing	**Method of Sampling:** Same as purge	**Intake Depth:** 19.0

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12K101162	~~10/25/11~~ 2/4/14	2/5/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 15.20 ft.	D. Water Column (B-A) = 4.15 ft.	Depth to Water After Sampling = 15.28 ft.
B. Well Total Depth = 19.35 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = — gal.	Actual Volume Purged (from below) = 450 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
Tubing Inside Diameter	D	=	**N/A**	in.
Tubing Length	L	=	**N/A**	in.
Conversion from Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

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

— 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	
1205	Initial	100	18.0	1088	0.07	6.86	65.2	N/A	clear
1208	450	85	17.5	1091	1.51	6.87	61.8	|	
	well dewatered at 450 ml								
1225	Sampled								

Remarks: 1225 Sampled for 8260B + TPHg + DUP ID MW-300 @ 1230

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(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: 2-5-14

Well Number/ID: MP-1-1

Sample ID: MP-1-1

Duplicate ID: —

Method of Purging: peri pump

Method of Sampling: peri pump

Intake Depth: 17

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	08C101082	3/4/14	2/5/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 14.09 ft.

B. Well Total Depth = 17.15 ft.

C. Well Diameter = 3/8 in.

D. Water Column (B-A) = 3.06 ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = - gal.

F. 3 Well Volumes (3 x E) = - gal.

Depth to Water After Sampling = 14.11 ft.

Actual Volume Purged (from below) = 3900 gal/ml.

(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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

— 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	
0815	Initial	225	10.38	1016	2.56	6.94	-41	N/A	clear
0820		200	10.36	980	2.52	7.04	-52		
0823			14.44	1052	2.20	7.08	-32		
0826			15.67	1067	2.76	7.11	-21		
0829			15.86	1063	2.57	7.10	-16		
0832			15.65	1070	2.30	7.11	-14		
0835			15.54	1060	2.35	7.08	-16		
0838	3900		15.67	1063	2.33	7.11	-15.8		

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: 2-5-14

Well Number/ID: mp-1-2

Sample ID: mp-1-2

Duplicate ID: N/A

Method of Purging: peri pump- foot valve

Method of Sampling: peri pump- foot valve

Intake Depth: 43

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	08C101082	2/4/14	2/5/14
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) = 27.97 ft.	Depth to Water After Sampling = 40.01 ft.
B. Well Total Depth = 4308 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = - gal.	Actual Volume Purged (from below) = 600 gal/ml.
C. Well Diameter = 3/8 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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

- 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**	
0907	Initial	225	12.00	890	3.50	7.54	-200	N/A	cloudy
0910		/	16.08	973	2.14	7.82	-226	|	loss of flow
0921			10.77	876	4.19	7.91	-213	|	
0930			10.83	877	3.56	7.74	-198	|	
0940			11.31	894	2.86	7.67	-198	|	
0948	600 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: 2-5-14

Well Number/ID: MP-1-3

Sample ID: MP-1-3

Duplicate ID: N/A

Method of Purging: peri pump + foot valve

Method of Sampling: peri pump + foot valve

Intake Depth: 57

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	08C101082	2/4/14	2/5/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 16.34 ft.	D. Water Column (B-A) = 41.21 ft.	Depth to Water After Sampling = 38.34 ft.
B. Well Total Depth = 57.55 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = – gal.	Actual Volume Purged (from below) = 650 gal/ml.
C. Well Diameter = 3/8 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	
1008	Initial	50	1295	640	9.75	8.38	-87	N/A	cloudy
1011		20	14.30	720	7.10	8.14	-84		loss of flow
1021			12.38	801	4.92	8.07	-97		"
1026			12.56	834	4.29	7.98	-104		"
1031			12.52	849	3.91	7.93	-105		"
1036			12.91	859	3.51	7.90	-105		"
1041			13.07	862	3.26	7.88	-99		"
1045	650		13.25	867	2.85	7.81	-94		"
1050		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:** 2-5-14

Well Number/ID: mp-2-1	**Sample ID:** mp-2-1	**Duplicate ID:** N/A
Method of Purging:	**Method of Sampling:**	**Intake Depth:** 12.7

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	08C101082	2/4/14	2/5/14
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) = 0.52 ft.	Depth to Water After Sampling = 12.48 ft.
B. Well Total Depth = 13 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = – gal.	Actual Volume Purged (from below) = 2500 gal/ml.
C. Well Diameter = 3/8 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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

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

– 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	
1144	Initial	100	17.44	1250	2.17	7.23	-34	N/A	clear
1201		"	15.99	1189	3.28	7.10	-19		"
1205		"	18.08	1242	6.31	7.27	-19		"
1208		"	18.45	1254	6.33	7.30	-19		"
1213	2500	"	19.07	1261	6.31	7.34	-20		"
1218		sample							

Remarks:

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(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: 2-5-14

Well Number/ID: MP-2-2- foot valve

Sample ID: MP-2-2- foot valve

Duplicate ID: N/A

Method of Purging: peri pump

Method of Sampling: peri pump

Intake Depth: 36.7

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	08C101082	2/4/14	2/5/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 12.87 ft.

B. Well Total Depth = 37 ft.

C. Well Diameter = 3/8 in.

D. Water Column (B-A) = ________ ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = – gal.

F. 3 Well Volumes (3 x E) = – gal.

Depth to Water After Sampling = 36.12 ft.

Actual Volume Purged (from below) = 800 gal/ml.

(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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

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

– 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	
1231	Initial	50	15.13	993	3.32	~~3.44~~ 7.31	-221	N/A	cloudy
1233		20	16.26	1033	2.07	7.25	-233		loss of flow
1236									"
1240			14.84	1000	2.87	7.22	-218		"
1250			14.89	1001	2.53	7.19	-217		"
1256			15.16	1009	3.13	7.18	-209		"
13.13	800		15.15	1008	2.86	7.18	-198		"
1439		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: 2-5-14

Well Number/ID: MP-2-3

Sample ID: MP-2-3

Duplicate ID: N/A

Method of Purging: peri pump

Method of Sampling: peri pump

Intake Depth: 57

Field Equipment

Equipment	**Model**	**Serial #/Rental ID**	**Date Received/Serviced**	**Date Calibrated**
Multi-Probe	YSI-556	08C101082	2/4/14	2/5/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 15.32 ft.	D. Water Column (B-A) = 41.93 ft.	Depth to Water After Sampling = 42.10 ft.
B. Well Total Depth = 57.25 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = - gal.	Actual Volume Purged (from below) = 700 gal/ml.
C. Well Diameter = 3/8 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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

- 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	
1346	Initial	30	16.18	936	3.52	7.31	-189	N/A	
1352		|	17.04	944	2.44	7.72	-213	|	
1357		|	16.42	913	2.40	7.98	-211	|	
1402		|	15.28	893	2.30	8.00	-212	|	
1407		|	14.90	887	2.49	7.99	-205	|	
1412	700		15.18	897	2.48	7.96	-204	|	
1424	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:** D. Albert	**Date:** 2/5/14
Well Number/ID: MP03-1	**Sample ID:** MP-03-1	**Duplicate ID:** –
Method of Purging: Peri Pump + Dedicated Tubing	**Method of Sampling:** Same as purge	**Intake Depth:** 14.6

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12K101162	2/4/14	2/5/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 13.48 ft.	D. Water Column (B-A) = 1.12 ft.	Depth to Water After Sampling = 13.48 ft.
B. Well Total Depth = 14.6 ft.	E. 1 Well Volume ($C^2 \times 0.0408 \times D$) = – gal.	Actual Volume Purged (from below) = 1500 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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

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

– 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	
0930	Initial	100	18.6	1171	7.99	7.01	-180.4	N/A	clear
0933	500		18.7	1172	6.99	5.28	-177.9		
0936	750		18.6	1174	0.65	7.00	-176.9		
0939	1000		18.4	1174	0.03	6.99	-173.0		
0942	1250		18.1	1168	0.01	6.99	-170.4		
0945	1500		18.0	1166	0.01	6.98	-170.1		

Remarks: 0945 Sampled

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

Signature: David Albert **Checked By:** DA

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: D. Allbert

Date: 2/5/14

Well Number/ID: MP-03-2

Sample ID: MP-03-2

Duplicate ID: –

Method of Purging: Peri Pump + Ded. Tubing

Method of Sampling: Same as purge

Intake Depth: 42.9'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12K101162	2/4/14	2/5/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 16.99 ft.

B. Well Total Depth = 42.90 ft.

C. Well Diameter = 0.375 in.

D. Water Column (B-A) = 25.90 ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = 0.15 gal.

F. 3 Well Volumes (3 x E) = 0.45 gal.

Depth to Water After Sampling = 39.45 ft.

Actual Volume Purged (from below) = 250 gal/[✓ ml]

(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	
0917	Initial	50	17.0	1548	5.00	8.30	-258.4	N/A	clear
	Sampled	before	well	dewatered					

Remarks: 0915 Sampled

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(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: D. Allbut

Date: 2/5/14

Well Number/ID: MP-03-3

Sample ID: MP-03-3

Duplicate ID: —

Method of Purging: Peri Pump + Dedicated tubing

Method of Sampling: Same as purge

Intake Depth: 58'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12K101162	2/4/14	2/5/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 16.21 ft.	D. Water Column (B-A) = 41.89 ft.	Depth to Water After Sampling = 30.03 ft.
B. Well Total Depth = 58.1 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.24 gal.	Actual Volume Purged (from below) = 500 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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

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

— 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	
1013	Initial	100	17.1	853	0.94	8.33	-176.2	N/A	gray, cloudy
1016	350	50	17.0	864	0.08	8.29	-200.1	|	|
1019	500	50	16.6	867	0.03	7.82	-241.0	|	|
1024	Dewatered at 500 ml								
1355	Sampled for 8260B + TPHg								

Remarks:

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

Signature:

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: D. Albert

Date: 2/05/14

Well Number/ID: MP-04-1

Sample ID: MP-04-1

Duplicate ID: –

Method of Purging: Peri Pump + Ded. Tubing

Method of Sampling: Same as purge

Intake Depth:

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12K101162	2/4/14	2/5/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 12.77 ft.

B. Well Total Depth = 15.7 ft.

C. Well Diameter = 0.375 in.

D. Water Column (B-A) = 2.96 ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = 0.017 gal.

F. 3 Well Volumes (3 x E) = 0.051 gal.

Depth to Water After Sampling = 15.30 ft.

Actual Volume Purged (from below) = 300 gal [✓ ml]

(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)

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

– 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	
0805	Initial	50	17.4	1121	2.12	7.06	-19.8	N/A	clear
0808	300	|	14.1	1151	1.87	7.61	-71.3	|	|
0808	Well dewatered at 300 ml								
1300	Returned to sample								

Remarks: 1300 Sampled for 8260B + TPHg

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(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: D. Albert

Date: 2/5/14

Well Number/ID: MP-04-2

Sample ID: MP-04-2

Duplicate ID: –

Method of Purging: Peri Pump + Ded. Tubing

Method of Sampling: Same as Purge

Intake Depth: 41.7

Field Equipment

Equipment	**Model**	**Serial #/Rental ID**	**Date Received/Serviced**	**Date Calibrated**
Multi-Probe	YSI-556	12K101162	2/4/14	2/5/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 13.91 ft.

B. Well Total Depth = 41.7 ft.

C. Well Diameter = 0.375 in.

D. Water Column (B-A) = 27.79 ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = – gal.

F. 3 Well Volumes (3 x E) = – gal.

Depth to Water After Sampling = 40.35 ft.

Actual Volume Purged (from below) = 350 gal/ml.

(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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

– 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	
0828	Initial	50	16.0	1097	2.52	8.01	-263.1	N/A	Cloudy, H_2S odor
0833	300	│	16.6	1053	1.83	8.09	-282.5	│	│
0836	350	│	14.3	1077	0.70	8.15	-283.5	│	│
	Well dewatered at 350 ml								
1315	Sampled for 8260B + TPHg.								

Remarks:

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[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: D. Allbut

Date: 2/5/14

Well Number/ID: MP-04-3

Sample ID: MP-04-3

Duplicate ID: —

Method of Purging: Peri Pump + Ded tubing

Method of Sampling:

Intake Depth: 58.6

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	12K101162	2/4/14	2/5/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.73 ft.

B. Well Total Depth = 58.6 ft.

C. Well Diameter = 0.375 in.

D. Water Column (B-A) = 42.87 ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = ______gal.

F. 3 Well Volumes (3 x E) = ___________ gal.

Depth to Water After Sampling = 30.75 ft.

Actual Volume Purged (from below) = 550 gal/ml.

(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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

— 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	
0845	Initial	100	17.9	859	2.79	8.18	-277.8	N/A	gray, H_2S odor
0848	350	50	14.7	874	0.64	8.12	-285.2	|	|
0851	450	|	13.9	865	0.05	8.03	-282.6	|	|
0855	550	|	14.0	865	0.03	7.86	-275.8	|	|
	well dewatered at 550 ml								
1325	Sampled for 8260B + TPHg (MS/MSD)								

Remarks:

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

Signature: D. Allbut

Checked By: DA

Page 1 of 1

WATER LEVEL MONITORING RECORD

Project Name: Crown Chevrolet Project and Task Number: OD10160070.00008

Date: 4/16/2014 Measured by: David Allbut/David Pearson Instrument(s) Used: Sounder

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	1055	344.24	13.65		
MW-02	1310 ~~1315~~ DA	340.24	9.98 ~~13.67~~ DA		
MW-03	1315	343.77	13.67		Inside building B, key needed.
MP-01-1	0755	343.20	12.27		
MP-01-2	0757	343.20	13.57		
MP-01-3	0759	343.20	14.89		
MP-02-1	1055	341.15	10.87		
MP-02-2	1057	341.15	11.26		
MP-02-3	1059	341.15	13.92		
MP-03-1	0740	342.21	11.99		
MP-03-2	0742	342.21	17.21		
MP-03-3	0744	342.21	14.80		
MP-04-1	0936	341.22	11.28		
MP-04-2	0938	341.22	12.60		
MP-04-3	0940	341.22	14.50		

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: D. Allbut

Date: 4/16/14

Well Number/ID: MW-01

Sample ID: MW-01

Duplicate ID: MW-100

Method of Purging: Peristaltic 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	14C100681	4/16/14	4/16-14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 13.65 ft.	D. Water Column (B-A) = 7.52 ft.	Depth to Water After Sampling = 13.65 ft.
B. Well Total Depth = 21.17 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.17 gal.	Actual Volume Purged (from below) = 1350 gal/[✓ ml.]
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = 0.51 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 Inches³ to ml	1 in³ =	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

— 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	
1104	Initial	100	19.6	1576	1.02	6.93	-97.4	N/A	clear
1107	450	|	19.8	1576	1.15	6.93	-95.4	|	
1110	750	|	19.4	1582	0.44	6.89	-98.6	|	
1113	1050	|	19.4	1580	0.49	6.89	-98.8	|	
1116	1350	|	19.3	1582	0.49	6.89	-98.0		

Remarks: 1120 sampled. Collected 3-HCl voas
1125 DUP ID MW-100 3-HCl Voas

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

Signature: D. Allbut

Checked By: OA

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: RDP

Date: 4-16-14

Well Number/ID: mw-2

Sample ID: mw-2

Duplicate ID: —

Method of Purging: peri pump

Method of Sampling: peri pump

Intake Depth: 14

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	4-15-14	4-15-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 9.98 ft.

B. Well Total Depth = 19.67 ft.

C. Well Diameter = 3/4 in.

D. Water Column (B-A) = ______ ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = ______ gal.

F. 3 Well Volumes (3 x E) = ______ gal.

Depth to Water After Sampling = 10.01 ft.

Actual Volume Purged (from below) = 3200 gal/[✓ ml]

(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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

— 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	
1320	Initial	150	23.70	833	2.26	7.30	-64	N/A	clear
1325		"	23.13	755	2.10	6.83	-37	|	"
1330		"	23.04	817	2.02	6.84	-38	|	"
1335		"	22.96	888	1.95	6.86	-42	|	"
1340		"	22.84	914	1.95	6.88	-39	|	"
1350		"	sample						

Remarks:

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

Signature:

Checked By: DA

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: D. Albert

Date: 4/16/14

Well Number/ID: MW-03

Sample ID: MW-03

Duplicate ID: —

Method of Purging: Peri pump + ded. tubing

Method of Sampling: See purge

Intake Depth: 19.1

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	04C100681	4/16/14	4/16/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 13.67 ft.

B. Well Total Depth = 19.35 ft.

C. Well Diameter = 0.75 in.

D. Water Column (B-A) = 5.68 ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = 0.13 gal.

F. 3 Well Volumes (3 x E) = 0.39 gal.

Depth to Water After Sampling = 13.73 ft.

Actual Volume Purged (from below) = 1350 gal [✓ ml]

(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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

— 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	
1324	Initial	100	20.3	1612	3.88	6.92	79.5	NA	brown, cloudy, silt
1327	450		19.2	1559	1.30	6.71	86.7		
1330	750		19.3	1553	1.69	6.67	98.0		
1333	1050		19.1	1555	1.68	6.66	105.7		
1336	1350		19.5	1554	1.64	6.68	108.2		

Remarks: 1340 Sampled. Collected 3-HCl voas

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

Signature: David Albert

Checked By: DA

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: RDP

Date: 4-16-14

Well Number/ID: MP-1-1

Sample ID: MP-1-1

Duplicate ID: —

Method of Purging: peri pump

Method of Sampling: peri pump

Intake Depth: 17

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	# 6	4-15-14	4-15-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 12.27 ft.	D. Water Column (B-A) = ____ ft.	Depth to Water After Sampling = 12.29 ft.
B. Well Total Depth = 17.15 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = — gal.	Actual Volume Purged (from below) = 3,000 gal [✓ ml.]
C. Well Diameter = 3/8 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	
0805	Initial	110	16.84	1226	2.59	6.80	-189	N/A	clear
0810		"	16.93	1275	2.46	7.02	-107		"
0815		"	17.19	1268	2.31	6.99	-107		"
0820		"	17.44	1254	2.79	6.99	-65		"
0825		"	17.24	1239	2.63	6.98	-56		"
0830		"	17.02	1229	2.61	6.94	-45		"
0835		sample							

Remarks:

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

Signature:

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: RDP

Date: 4-16-14

Well Number/ID: MP-1-2

Sample ID: MP-1-1

Duplicate ID: —

Method of Purging: peri pump

Method of Sampling: peri pump

Intake Depth: 43

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	4-15-14	4-15-14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 13.57 ft.

B. Well Total Depth = 43.08 ft.

C. Well Diameter = 3/8 in.

D. Water Column (B-A) = ______ ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = – gal.

F. 3 Well Volumes (3 x E) = – gal.

Depth to Water After Sampling = 34.53 ft.

Actual Volume Purged (from below) = 600 gal/[✓ ml.]

(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	
0900	Initial	120	17.87	1150	2.92	7.72	-213	N/a	cloudy
0905		110	17.47	1154	4.03	7.82	-206	|	draw down - no water
0925		sample							

Remarks:

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: RDB

Date: 4-16-14

Well Number/ID: MP.1-3

Sample ID: MP-1-3

Duplicate ID: —

Method of Purging: peri pump

Method of Sampling: peri pump

Intake Depth: 57

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	4-15-14	4-15-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 14.89 ft.

B. Well Total Depth = 57.55 ft.

C. Well Diameter = 3/8 in.

D. Water Column (B-A) = ______ ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = — gal.

F. 3 Well Volumes (3 x E) = — gal.

Depth to Water After Sampling = 26.32 ft.

Actual Volume Purged (from below) = 750 gal/[✓ ml]

(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	
0945	Initial	30	19.75	804	6.65	8.32	-99	N/A	cloudy
0948			19.49	793	7.19	8.36	-66		"
0951			18.77	805	7.46	8.33	-44		less cloudy
0956			18.77	977	4.63	7.97	-87		"
1001			18.53	1046	3.89	7.86	-104		"
1006			18.72	1064	3.39	7.82	-105		"
1011			18.74	1080	3.07	7.77	-110		"
1016			18.80	1086	2.94	7.82	-107		"
1025		sample							

Remarks:

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

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Page 1 of 1

amec **MONITORING WELL** **SAMPLE COLLECTION LOG**	**Project Name:** Crown Chevrolet		
	Project/Task #: OD10160070.00008A/B	**Sampled By:** RDP	**Date:** 4-16-14

Well Number/ID: MP-2-1	**Sample ID:** MP-2-1	**Duplicate ID:** —
Method of Purging: peri pump	**Method of Sampling:** peri pump	**Intake Depth:** 12.7

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	4-15-14	4-15-14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 10.87 ft.	D. Water Column (B-A) = ______ ft.	Depth to Water After Sampling = 10.87 ft.
B. Well Total Depth = 13.00 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = ______gal.	Actual Volume Purged (from below) = 2300 gal/[✓ ml]
C. Well Diameter = 3/8 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 150	**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	
1105	Initial	[illegible]	21.75	1358	2.35	7.13	-48	N/A	clear
1110		"	21.74	1369	2.51	7.09	-43		"
1115		"	21.85	1370	2.30	7.04	-39		"
1120		"	21.56	1368	2.08	7.01	-39		"
1125			21.58	1356	2.67	7.05	-36		"
	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:** 4-16-14
Well Number/ID: mP-2-2	**Sample ID:** mP-2-2	**Duplicate ID:** —
Method of Purging: peri pump	**Method of Sampling:** peri pump	**Intake Depth:** 37

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	4-15-14	4-15-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 11.26 ft.	D. Water Column (B-A) = ______ ft.	Depth to Water After Sampling = 35.97 ft.
B. Well Total Depth = 37 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = — gal.	Actual Volume Purged (from below) = 650 gal/ml.
C. Well Diameter = 3/8 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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

— 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	
1145	Initial	50	23.22	1212	2.89	7.26	-216	N/A	slightly cloudy
1148			22.71	1225	2.61	7.41	-230	|	〃
1151			23.33	1235	2.49	7.35	-235	|	〃
1152									Draw Down
~~1205~~ 1215		sample							

Remarks:

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[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: 4-16-14

Well Number/ID: MP-2-3

Sample ID: MP-2-3

Duplicate ID: —

Method of Purging: peri pump

Method of Sampling: peri pump

Intake Depth: 57

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	#6	4-15-14	4-15-14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 13.92 ft.

B. Well Total Depth = 57.25 ft.

C. Well Diameter = 3/8 in.

D. Water Column (B-A) = ______ ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = ______ gal.

F. 3 Well Volumes (3 x E) = ______ gal.

Depth to Water After Sampling = 25.12 ft.

Actual Volume Purged (from below) = 750 gal/ml.

(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	
1235	Initial	35	28.21	901	6.15	836	-44	N/A	cloudy
1238			26.15	870	6.22	7.98	-18		"
1241			26.22	1021	4.27	7.60	-160		draw down "
1244			26.73	1077	3.29	7.71	-177		"
1247			25.69	1098	2.55	7.79	-193		"
1250			25.59	1103	2.26	7.78	-196		"
1253			26.01	1117	2.15	7.79	-201		

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: DA

Date: 4/16/14

Well Number/ID: MP-03-1

Sample ID: MP-03-1

Duplicate ID: –

Method of Purging: Peristaltic + Ded. tubing

Method of Sampling: See purge

Intake Depth: 14.6

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	14C100681	4/16/14	4/16/14
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 11.99 ft.

B. Well Total Depth = 14.6 ft.

C. Well Diameter = 0.375 in.

D. Water Column (B-A) = 2.61 ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = 0.015 gal.

F. 3 Well Volumes (3 x E) = 0.045 gal.

Depth to Water After Sampling = 23.50 ft.

Actual Volume Purged (from below) = 300 gal/[✓ ml]

(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)

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

– 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	
0835	Initial	50	18.4	1649	1.77	6.94	213.4	N/A	Tan, cloudy
0837	100	│	18.4	1659	1.52	6.94	182.2	│	│
0839	200	│	18.5	1661	1.39	6.89	155.0	│	│
0841	300	│	18.7	1663	0.64	6.88	124.3	│	│

Remarks: 0845 Sampled. Collected 3-HCl VOAs

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

Signature: David Albert

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: D. Allbut

Date: 4/16/14

Well Number/ID: MP-03-2

Sample ID: MP-03-2

Duplicate ID:

Method of Purging: Peristaltic + Ded. tubing

Method of Sampling: See purge Method

Intake Depth: ~~59.8~~ 43.2

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	14C100681	4/16/14	4/16/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 17.21 ft.	D. Water Column (B-A) = ~~42.59~~ 25.99 ft.	Depth to Water After Sampling = 59.75 ft.
B. Well Total Depth = ~~59.8~~ 43.2 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = - gal.	Actual Volume Purged (from below) = 200 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 Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

- 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	Well dewatered before parameter reading						N/A	H₂S odor

Remarks: 0815 Sampled. Collected 3-HCl voas.

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

Signature: David Allbut

Checked By:

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: DA

Date: 4/16/14

Well Number/ID: MP-03-3

Sample ID: MP-03-3

Duplicate ID: –

Method of Purging: Peristaltic pump + Dedicated tubing

Method of Sampling:

Intake Depth: 57.8

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	14C100681	4/16/14	4/16/14
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) = 43.00 ft.	Depth to Water After Sampling = 18.70 ft.
B. Well Total Depth = 57.8 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.25 gal.	Actual Volume Purged (from below) = 1100 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
Tubing Inside Diameter	D =	**N/A**	in.
Tubing Length	L =	**N/A**	in.
Conversion from Inches³ to ml	1 in³ =	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

– 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	
0903	Initial	100	19.2	1292	2.87	7.87	-140.5	N/A	clear to cloudy H_2S odor
0905	300		19.3	1297	1.21	7.86	-194.6		
0907	500		19.4	1300	0.88	7.85	-199.3		
0909	700		19.6	1301	0.58	7.66	-205.8		
0911	900		19.9	1311	0.43	7.42	-207.2		
0913	1100		19.8	1313	0.39	7.33	-191.4		

Remarks: 0915 Collected 3 HCl voas

(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: DA

Date: 4/16/14

Well Number/ID: MP-04-1

Sample ID: MP-04-1

Duplicate ID: –

Method of Purging: Peristaltic + Ded. tubing

Method of Sampling: same as purge

Intake Depth: 15.7

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	14C100681	4/16/14	4/16/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 11.28 ft.

B. Well Total Depth = 15.7 ft.

C. Well Diameter = 0.375 in.

D. Water Column (B-A) = 4.42 ft.

E. 1 Well Volume (C^2 x 0.0408 x D) = 0.025 gal.

F. 3 Well Volumes (3 x E) = 0.075 (285 ml) gal.

Depth to Water After Sampling = 15.46 ft.

Actual Volume Purged (from below) = 600 gal/[✓ ml]

(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 Inches³ to ml	1 in³ =	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

— 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	
0945	Initial	75	20.6	1661	0.73	6.96	-121.2	N/A	cloudy, H_2S odor
0947	200		20.5	1660	0.87	6.91	-120.4		
0949	400		20.4	1661	0.94	6.89	-119.0		
0951	600		20.3	1662	0.59	6.88	-118.3		

Remarks: 0955 Sampled. Collected 3 HCl voas

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

Signature:

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MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet

Project/Task #: OD10160070.00008A/B

Sampled By: DA

Date: 4/16/14

Well Number/ID: MP-04-2

Sample ID: MP-04-2

Duplicate ID: N/A

Method of Purging: Peristaltic + Ded. tubing

Method of Sampling: same as purge

Intake Depth: 41.7

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	14C100681	4/16/14	4/16/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 12.60 ft.	D. Water Column (B-A) = 29.10 ft.	Depth to Water After Sampling = 40.37 ft.
B. Well Total Depth = 41.7 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.17 gal.	Actual Volume Purged (from below) = 1050 gal/[✓ ml]
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.51 gal. (1930 ml)	(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	
1006	Initial	100	20.5	1631	0.59	7.73	-241.3	N/A	gray, cloudy, H_2S odor
1009	450		20.4	1585	0.65	7.82	-272.1		
1012	750		20.6	1552	0.53	7.73	-281.9		
1015	1050		20.2	1540	0.51	7.69	-2805		
well	dewatered	@ 1050 ml							

Remarks: 1245 Sampled. Collected 3-HCl voas.

(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:** DAbbott	**Date:** 4/16/14

Well Number/ID: MP-04-3	**Sample ID:** MP-04-3	**Duplicate ID:** —
Method of Purging: Peristaltic + ded. tubing →	**Method of Sampling:** →	**Intake Depth:** 58.6

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	14C100681	4/16/14	4/16/14
Turbidimeter	**N/A**	**N/A**	**N/A**	**N/A**

Casing Purge Volume Calculations

A. Depth to Water = 14.50 ft.	D. Water Column (B-A) = 44.10 ft.	Depth to Water After Sampling = 20.28 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) = 750 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
Tubing Inside Diameter	D	=	**N/A**	in.
Tubing Length	L	=	**N/A**	in.
Conversion from Inches³ to ml	1 in³	=	16.39	ml

Pumping System Volume Calculation

Pumping System Volume (V_S)

$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ ml/in³

— 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	
1043	Initial	100	22.2	1313	1.72	7.87	-242.3	N/A	gray, cloudy
1045	350	|	22.2	1312	0.96	7.82	-257.3	|	|
1047	550	|	21.9	1306	0.55	7.85	-270.4	|	|
1049	750	|	21.9	1304	0.49	7.86	-273.2	|	|
Well dewatered at 750 ml									

Remarks: 1305 Sampled. Collected 3-HCl voas

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

Signature:

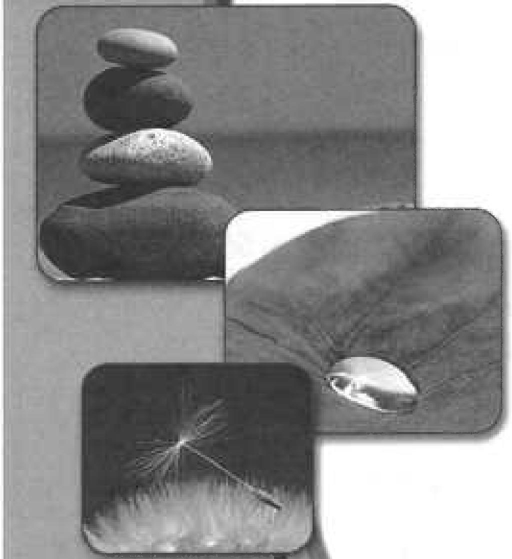
Checked By:

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: 720-55321-1
Client Project/Site: Crown Chevrolet

For:
AMEC Environment & Infrastructure, Inc.
2101 Webster Street, 12th Floor
Oakland, California 94612

Attn: Avery Whitmarsh

Authorized for release by:
2/12/2014 4:22:29 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

Definitions/Glossary

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

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

Case Narrative

Job ID: 720-55321-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-55321-1

Comments
No additional comments.

Receipt
The samples were received on 2/5/2014 6:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° 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 (720-55321-3), MP-03-1 (720-55321-5). <<Tetrachloroethane>>

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample is due to the presence of discrete peaks: MW-01 (720-55321-8). <<Tetrachloroethane>>

No other analytical or quality issues were noted.

Detection Summary

Client Sample ID: TB020514-1 — Lab Sample ID: 720-55321-1

No Detections.

Client Sample ID: TB020514-2 — Lab Sample ID: 720-55321-2

No Detections.

Client Sample ID: MP-01-1 — Lab Sample ID: 720-55321-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	100		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	8.6		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	86	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-03-2 — Lab Sample ID: 720-55321-4

No Detections.

Client Sample ID: MP-03-1 — Lab Sample ID: 720-55321-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.62		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	120		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	11		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	140	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-01-2 — Lab Sample ID: 720-55321-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	28		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-01-3 — Lab Sample ID: 720-55321-7

No Detections.

Client Sample ID: MW-01 — Lab Sample ID: 720-55321-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	120		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.5		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	93	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-1 — Lab Sample ID: 720-55321-9

Detection Summary

Client Sample ID: MP-02-1 (Continued)

Lab Sample ID: 720-55321-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.4		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
trans-1,2-Dichloroethene	0.52		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	2.8		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	49		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-03

Lab Sample ID: 720-55321-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.5	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
1,2-Dichlorobenzene	5.0	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
cis-1,2-Dichloroethene	0.56		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	15	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.0	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-300

Lab Sample ID: 720-55321-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.86	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
1,2-Dichlorobenzene	2.7	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	9.0	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	0.67	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-04-1

Lab Sample ID: 720-55321-12

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
Tetrachloroethene	3.4		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: MP-04-2

Lab Sample ID: 720-55321-13

No Detections.

Client Sample ID: MP-04-3

Lab Sample ID: 720-55321-14

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 720-55321-1

Client Sample ID: MP-03-3 **Lab Sample ID: 720-55321-15**

No Detections.

This Detection Summary does not include radiochemical test results.

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

Client Sample ID: TB020514-1
Date Collected: 02/05/14 08:00
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 12:12	1
Acetone	ND		50		ug/L			02/06/14 12:12	1
Benzene	ND		0.50		ug/L			02/06/14 12:12	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 12:12	1
Bromobenzene	ND		1.0		ug/L			02/06/14 12:12	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 12:12	1
Bromoform	ND		1.0		ug/L			02/06/14 12:12	1
Bromomethane	ND		1.0		ug/L			02/06/14 12:12	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 12:12	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 12:12	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 12:12	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 12:12	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 12:12	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 12:12	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 12:12	1
Chloroethane	ND		1.0		ug/L			02/06/14 12:12	1
Chloroform	ND		1.0		ug/L			02/06/14 12:12	1
Chloromethane	ND		1.0		ug/L			02/06/14 12:12	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 12:12	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 12:12	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 12:12	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:12	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:12	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:12	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 12:12	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 12:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 12:12	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 12:12	1
Dibromomethane	ND		0.50		ug/L			02/06/14 12:12	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 12:12	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 12:12	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 12:12	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 12:12	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 12:12	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 12:12	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 12:12	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 12:12	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 12:12	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 12:12	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 12:12	1
2-Hexanone	ND		50		ug/L			02/06/14 12:12	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 12:12	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 12:12	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 12:12	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 12:12	1
Naphthalene	ND		1.0		ug/L			02/06/14 12:12	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 12:12	1
Styrene	ND		0.50		ug/L			02/06/14 12:12	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 12:12	1

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

Client Sample ID: TB020514-1 **Lab Sample ID: 720-55321-1**
Date Collected: 02/05/14 08:00 **Matrix: Water**
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 12:12	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 12:12	1
Toluene	ND		0.50		ug/L			02/06/14 12:12	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 12:12	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 12:12	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 12:12	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 12:12	1
Trichloroethene	ND		0.50		ug/L			02/06/14 12:12	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 12:12	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 12:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 12:12	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 12:12	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 12:12	1
Vinyl acetate	ND		10		ug/L			02/06/14 12:12	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 12:12	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 12:12	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 12:12	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 130*		*02/06/14 12:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 130*		*02/06/14 12:12*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/06/14 12:12*	*1*

Client Sample ID: TB020514-2 **Lab Sample ID: 720-55321-2**
Date Collected: 02/05/14 08:10 **Matrix: Water**
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 12:41	1
Acetone	ND		50		ug/L			02/06/14 12:41	1
Benzene	ND		0.50		ug/L			02/06/14 12:41	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 12:41	1
Bromobenzene	ND		1.0		ug/L			02/06/14 12:41	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 12:41	1
Bromoform	ND		1.0		ug/L			02/06/14 12:41	1
Bromomethane	ND		1.0		ug/L			02/06/14 12:41	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 12:41	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 12:41	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 12:41	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 12:41	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 12:41	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 12:41	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 12:41	1
Chloroethane	ND		1.0		ug/L			02/06/14 12:41	1
Chloroform	ND		1.0		ug/L			02/06/14 12:41	1
Chloromethane	ND		1.0		ug/L			02/06/14 12:41	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 12:41	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 12:41	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 12:41	1

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

Client Sample ID: TB020514-2 **Lab Sample ID: 720-55321-2**
Date Collected: 02/05/14 08:10 **Matrix: Water**
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:41	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:41	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:41	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 12:41	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 12:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 12:41	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 12:41	1
Dibromomethane	ND		0.50		ug/L			02/06/14 12:41	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 12:41	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 12:41	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 12:41	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 12:41	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 12:41	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 12:41	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 12:41	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 12:41	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 12:41	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 12:41	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 12:41	1
2-Hexanone	ND		50		ug/L			02/06/14 12:41	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 12:41	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 12:41	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 12:41	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 12:41	1
Naphthalene	ND		1.0		ug/L			02/06/14 12:41	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 12:41	1
Styrene	ND		0.50		ug/L			02/06/14 12:41	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 12:41	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 12:41	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 12:41	1
Toluene	ND		0.50		ug/L			02/06/14 12:41	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 12:41	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 12:41	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 12:41	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 12:41	1
Trichloroethene	ND		0.50		ug/L			02/06/14 12:41	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 12:41	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 12:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 12:41	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 12:41	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 12:41	1
Vinyl acetate	ND		10		ug/L			02/06/14 12:41	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 12:41	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 12:41	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 12:41	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 130*		*02/06/14 12:41*	*1*

Client Sample Results

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

Client Sample ID: TB020514-2
Date Collected: 02/05/14 08:10
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*72 - 130*		*02/06/14 12:41*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/06/14 12:41*	*1*

Client Sample ID: MP-01-1
Date Collected: 02/05/14 08:45
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 16:03	1
Acetone	ND		50		ug/L			02/06/14 16:03	1
Benzene	ND		0.50		ug/L			02/06/14 16:03	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 16:03	1
Bromobenzene	ND		1.0		ug/L			02/06/14 16:03	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 16:03	1
Bromoform	ND		1.0		ug/L			02/06/14 16:03	1
Bromomethane	ND		1.0		ug/L			02/06/14 16:03	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 16:03	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 16:03	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 16:03	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 16:03	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 16:03	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 16:03	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 16:03	1
Chloroethane	ND		1.0		ug/L			02/06/14 16:03	1
Chloroform	ND		1.0		ug/L			02/06/14 16:03	1
Chloromethane	ND		1.0		ug/L			02/06/14 16:03	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 16:03	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 16:03	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 16:03	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:03	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:03	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:03	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 16:03	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 16:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 16:03	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 16:03	1
Dibromomethane	ND		0.50		ug/L			02/06/14 16:03	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 16:03	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 16:03	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 16:03	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 16:03	1
cis-1,2-Dichloroethene	**1.1**		0.50		ug/L			02/06/14 16:03	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 16:03	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 16:03	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 16:03	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 16:03	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 16:03	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 16:03	1
2-Hexanone	ND		50		ug/L			02/06/14 16:03	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 16:03	1

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

Client Sample ID: MP-01-1
Lab Sample ID: 720-55321-3
Date Collected: 02/05/14 08:45
Matrix: Water
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 16:03	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 16:03	1
Naphthalene	ND		1.0		ug/L			02/06/14 16:03	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 16:03	1
Styrene	ND		0.50		ug/L			02/06/14 16:03	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 16:03	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 16:03	1
Tetrachloroethene	**100**		0.50		ug/L			02/06/14 16:03	1
Toluene	ND		0.50		ug/L			02/06/14 16:03	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 16:03	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 16:03	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 16:03	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 16:03	1
Trichloroethene	**8.6**		0.50		ug/L			02/06/14 16:03	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 16:03	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 16:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 16:03	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 16:03	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 16:03	1
Vinyl acetate	ND		10		ug/L			02/06/14 16:03	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 16:03	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 16:03	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 16:03	1
Gasoline Range Organics (GRO) -C5-C12	**86**	R	50		ug/L			02/06/14 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*67 - 130*		*02/06/14 16:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*72 - 130*		*02/06/14 16:03*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/06/14 16:03*	*1*

Client Sample ID: MP-03-2
Lab Sample ID: 720-55321-4
Date Collected: 02/05/14 09:15
Matrix: Water
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 16:32	1
Acetone	ND		50		ug/L			02/06/14 16:32	1
Benzene	ND		0.50		ug/L			02/06/14 16:32	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 16:32	1
Bromobenzene	ND		1.0		ug/L			02/06/14 16:32	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 16:32	1
Bromoform	ND		1.0		ug/L			02/06/14 16:32	1
Bromomethane	ND		1.0		ug/L			02/06/14 16:32	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 16:32	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 16:32	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 16:32	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 16:32	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 16:32	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 16:32	1

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

Client Sample ID: MP-03-2
Date Collected: 02/05/14 09:15
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			02/06/14 16:32	1
Chloroethane	ND		1.0		ug/L			02/06/14 16:32	1
Chloroform	ND		1.0		ug/L			02/06/14 16:32	1
Chloromethane	ND		1.0		ug/L			02/06/14 16:32	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 16:32	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 16:32	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 16:32	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:32	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:32	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:32	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 16:32	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 16:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 16:32	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 16:32	1
Dibromomethane	ND		0.50		ug/L			02/06/14 16:32	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 16:32	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 16:32	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 16:32	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 16:32	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 16:32	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 16:32	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 16:32	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 16:32	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 16:32	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 16:32	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 16:32	1
2-Hexanone	ND		50		ug/L			02/06/14 16:32	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 16:32	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 16:32	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 16:32	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 16:32	1
Naphthalene	ND		1.0		ug/L			02/06/14 16:32	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 16:32	1
Styrene	ND		0.50		ug/L			02/06/14 16:32	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 16:32	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 16:32	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 16:32	1
Toluene	ND		0.50		ug/L			02/06/14 16:32	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 16:32	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 16:32	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 16:32	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 16:32	1
Trichloroethene	ND		0.50		ug/L			02/06/14 16:32	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 16:32	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 16:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 16:32	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 16:32	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 16:32	1
Vinyl acetate	ND		10		ug/L			02/06/14 16:32	1

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

Client Sample ID: MP-03-2 **Lab Sample ID: 720-55321-4**
Date Collected: 02/05/14 09:15 **Matrix: Water**
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			02/06/14 16:32	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 16:32	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 16:32	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 130*		*02/06/14 16:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 130*		*02/06/14 16:32*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/06/14 16:32*	*1*

Client Sample ID: MP-03-1 **Lab Sample ID: 720-55321-5**
Date Collected: 02/05/14 09:45 **Matrix: Water**
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 17:01	1
Acetone	ND		50		ug/L			02/06/14 17:01	1
Benzene	ND		0.50		ug/L			02/06/14 17:01	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 17:01	1
Bromobenzene	ND		1.0		ug/L			02/06/14 17:01	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 17:01	1
Bromoform	ND		1.0		ug/L			02/06/14 17:01	1
Bromomethane	ND		1.0		ug/L			02/06/14 17:01	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 17:01	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 17:01	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 17:01	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 17:01	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 17:01	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 17:01	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 17:01	1
Chloroethane	ND		1.0		ug/L			02/06/14 17:01	1
Chloroform	ND		1.0		ug/L			02/06/14 17:01	1
Chloromethane	ND		1.0		ug/L			02/06/14 17:01	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 17:01	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 17:01	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 17:01	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:01	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:01	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:01	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 17:01	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 17:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 17:01	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 17:01	1
Dibromomethane	ND		0.50		ug/L			02/06/14 17:01	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 17:01	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 17:01	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 17:01	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 17:01	1
cis-1,2-Dichloroethene	**0.62**		0.50		ug/L			02/06/14 17:01	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 17:01	1

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

Client Sample ID: MP-03-1
Date Collected: 02/05/14 09:45
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 17:01	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 17:01	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 17:01	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 17:01	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 17:01	1
2-Hexanone	ND		50		ug/L			02/06/14 17:01	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 17:01	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 17:01	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 17:01	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 17:01	1
Naphthalene	ND		1.0		ug/L			02/06/14 17:01	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 17:01	1
Styrene	ND		0.50		ug/L			02/06/14 17:01	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 17:01	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 17:01	1
Tetrachloroethene	**120**		0.50		ug/L			02/06/14 17:01	1
Toluene	ND		0.50		ug/L			02/06/14 17:01	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 17:01	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 17:01	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 17:01	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 17:01	1
Trichloroethene	**11**		0.50		ug/L			02/06/14 17:01	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 17:01	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 17:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 17:01	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 17:01	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 17:01	1
Vinyl acetate	ND		10		ug/L			02/06/14 17:01	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 17:01	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 17:01	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 17:01	1
Gasoline Range Organics (GRO) -C5-C12	**140**	R	50		ug/L			02/06/14 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 130*		*02/06/14 17:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 130*		*02/06/14 17:01*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/06/14 17:01*	*1*

Client Sample ID: MP-01-2
Date Collected: 02/05/14 09:48
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 17:30	1
Acetone	ND		50		ug/L			02/06/14 17:30	1
Benzene	ND		0.50		ug/L			02/06/14 17:30	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 17:30	1
Bromobenzene	ND		1.0		ug/L			02/06/14 17:30	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 17:30	1
Bromoform	ND		1.0		ug/L			02/06/14 17:30	1

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

Client Sample ID: MP-01-2
Date Collected: 02/05/14 09:48
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			02/06/14 17:30	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 17:30	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 17:30	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 17:30	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 17:30	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 17:30	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 17:30	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 17:30	1
Chloroethane	ND		1.0		ug/L			02/06/14 17:30	1
Chloroform	ND		1.0		ug/L			02/06/14 17:30	1
Chloromethane	ND		1.0		ug/L			02/06/14 17:30	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 17:30	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 17:30	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 17:30	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:30	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:30	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:30	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 17:30	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 17:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 17:30	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 17:30	1
Dibromomethane	ND		0.50		ug/L			02/06/14 17:30	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 17:30	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 17:30	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 17:30	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 17:30	1
cis-1,2-Dichloroethene	**28**		0.50		ug/L			02/06/14 17:30	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 17:30	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 17:30	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 17:30	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 17:30	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 17:30	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 17:30	1
2-Hexanone	ND		50		ug/L			02/06/14 17:30	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 17:30	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 17:30	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 17:30	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 17:30	1
Naphthalene	ND		1.0		ug/L			02/06/14 17:30	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 17:30	1
Styrene	ND		0.50		ug/L			02/06/14 17:30	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 17:30	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 17:30	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 17:30	1
Toluene	ND		0.50		ug/L			02/06/14 17:30	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 17:30	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 17:30	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 17:30	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 17:30	1

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

Client Sample ID: MP-01-2
Date Collected: 02/05/14 09:48
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			02/06/14 17:30	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 17:30	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 17:30	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 17:30	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 17:30	1
Vinyl acetate	ND		10		ug/L			02/06/14 17:30	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 17:30	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 17:30	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 17:30	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 130*		*02/06/14 17:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 130*		*02/06/14 17:30*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/06/14 17:30*	*1*

Client Sample ID: MP-01-3
Date Collected: 02/05/14 10:50
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 17:58	1
Acetone	ND		50		ug/L			02/06/14 17:58	1
Benzene	ND		0.50		ug/L			02/06/14 17:58	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 17:58	1
Bromobenzene	ND		1.0		ug/L			02/06/14 17:58	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 17:58	1
Bromoform	ND		1.0		ug/L			02/06/14 17:58	1
Bromomethane	ND		1.0		ug/L			02/06/14 17:58	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 17:58	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 17:58	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 17:58	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 17:58	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 17:58	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 17:58	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 17:58	1
Chloroethane	ND		1.0		ug/L			02/06/14 17:58	1
Chloroform	ND		1.0		ug/L			02/06/14 17:58	1
Chloromethane	ND		1.0		ug/L			02/06/14 17:58	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 17:58	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 17:58	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 17:58	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:58	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:58	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:58	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 17:58	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 17:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 17:58	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 17:58	1

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

Client Sample ID: MP-01-3 **Lab Sample ID: 720-55321-7**

Date Collected: 02/05/14 10:50 **Matrix: Water**

Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			02/06/14 17:58	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 17:58	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 17:58	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 17:58	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 17:58	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 17:58	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 17:58	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 17:58	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 17:58	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 17:58	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 17:58	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 17:58	1
2-Hexanone	ND		50		ug/L			02/06/14 17:58	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 17:58	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 17:58	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 17:58	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 17:58	1
Naphthalene	ND		1.0		ug/L			02/06/14 17:58	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 17:58	1
Styrene	ND		0.50		ug/L			02/06/14 17:58	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 17:58	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 17:58	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 17:58	1
Toluene	ND		0.50		ug/L			02/06/14 17:58	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 17:58	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 17:58	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 17:58	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 17:58	1
Trichloroethene	ND		0.50		ug/L			02/06/14 17:58	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 17:58	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 17:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 17:58	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 17:58	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 17:58	1
Vinyl acetate	ND		10		ug/L			02/06/14 17:58	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 17:58	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 17:58	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 17:58	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 130*		*02/06/14 17:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 130*		*02/06/14 17:58*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/06/14 17:58*	*1*

Client Sample Results

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

Client Sample ID: MW-01
Date Collected: 02/05/14 11:00
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 12:44	1
Acetone	ND		50		ug/L			02/06/14 12:44	1
Benzene	ND		0.50		ug/L			02/06/14 12:44	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 12:44	1
Bromobenzene	ND		1.0		ug/L			02/06/14 12:44	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 12:44	1
Bromoform	ND		1.0		ug/L			02/06/14 12:44	1
Bromomethane	ND		1.0		ug/L			02/06/14 12:44	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 12:44	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 12:44	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 12:44	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 12:44	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 12:44	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 12:44	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 12:44	1
Chloroethane	ND		1.0		ug/L			02/06/14 12:44	1
Chloroform	ND		1.0		ug/L			02/06/14 12:44	1
Chloromethane	ND		1.0		ug/L			02/06/14 12:44	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 12:44	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 12:44	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 12:44	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:44	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:44	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:44	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 12:44	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 12:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 12:44	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 12:44	1
Dibromomethane	ND		0.50		ug/L			02/06/14 12:44	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 12:44	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 12:44	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 12:44	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 12:44	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 12:44	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 12:44	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 12:44	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 12:44	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 12:44	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 12:44	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 12:44	1
2-Hexanone	ND		50		ug/L			02/06/14 12:44	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 12:44	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 12:44	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 12:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 12:44	1
Naphthalene	ND		1.0		ug/L			02/06/14 12:44	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 12:44	1
Styrene	ND		0.50		ug/L			02/06/14 12:44	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 12:44	1

Client Sample Results

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

Client Sample ID: MW-01
Date Collected: 02/05/14 11:00
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 12:44	1
Tetrachloroethene	**120**		0.50		ug/L			02/06/14 12:44	1
Toluene	ND		0.50		ug/L			02/06/14 12:44	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 12:44	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 12:44	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 12:44	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 12:44	1
Trichloroethene	**1.5**		0.50		ug/L			02/06/14 12:44	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 12:44	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 12:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 12:44	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 12:44	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 12:44	1
Vinyl acetate	ND		10		ug/L			02/06/14 12:44	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 12:44	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 12:44	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 12:44	1
Gasoline Range Organics (GRO) -C5-C12	**93**		50		ug/L			02/06/14 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*67 - 130*		*02/06/14 12:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 130*		*02/06/14 12:44*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/06/14 12:44*	*1*

Client Sample ID: MP-02-1
Date Collected: 02/05/14 12:18
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 13:10	1
Acetone	ND		50		ug/L			02/06/14 13:10	1
Benzene	ND		0.50		ug/L			02/06/14 13:10	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 13:10	1
Bromobenzene	ND		1.0		ug/L			02/06/14 13:10	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 13:10	1
Bromoform	ND		1.0		ug/L			02/06/14 13:10	1
Bromomethane	ND		1.0		ug/L			02/06/14 13:10	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 13:10	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 13:10	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 13:10	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 13:10	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 13:10	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 13:10	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 13:10	1
Chloroethane	ND		1.0		ug/L			02/06/14 13:10	1
Chloroform	ND		1.0		ug/L			02/06/14 13:10	1
Chloromethane	ND		1.0		ug/L			02/06/14 13:10	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 13:10	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 13:10	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 13:10	1

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

Client Sample ID: MP-02-1
Date Collected: 02/05/14 12:18
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 13:10	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 13:10	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 13:10	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 13:10	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 13:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 13:10	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 13:10	1
Dibromomethane	ND		0.50		ug/L			02/06/14 13:10	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 13:10	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 13:10	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 13:10	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 13:10	1
cis-1,2-Dichloroethene	**5.4**		0.50		ug/L			02/06/14 13:10	1
trans-1,2-Dichloroethene	**0.52**		0.50		ug/L			02/06/14 13:10	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 13:10	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 13:10	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 13:10	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 13:10	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 13:10	1
2-Hexanone	ND		50		ug/L			02/06/14 13:10	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 13:10	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 13:10	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 13:10	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 13:10	1
Naphthalene	ND		1.0		ug/L			02/06/14 13:10	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 13:10	1
Styrene	ND		0.50		ug/L			02/06/14 13:10	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 13:10	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 13:10	1
Tetrachloroethene	**2.8**		0.50		ug/L			02/06/14 13:10	1
Toluene	ND		0.50		ug/L			02/06/14 13:10	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 13:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 13:10	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 13:10	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 13:10	1
Trichloroethene	**49**		0.50		ug/L			02/06/14 13:10	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 13:10	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 13:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 13:10	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 13:10	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 13:10	1
Vinyl acetate	ND		10		ug/L			02/06/14 13:10	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 13:10	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 13:10	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 13:10	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*02/06/14 13:10*	*1*

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

Client Sample ID: MP-02-1
Date Collected: 02/05/14 12:18
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-9
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*		*02/06/14 13:10*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/06/14 13:10*	*1*

Client Sample ID: MW-03
Date Collected: 02/05/14 12:25
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 13:36	1
Acetone	ND		50		ug/L			02/06/14 13:36	1
Benzene	ND		0.50		ug/L			02/06/14 13:36	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 13:36	1
Bromobenzene	ND		1.0		ug/L			02/06/14 13:36	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 13:36	1
Bromoform	ND		1.0		ug/L			02/06/14 13:36	1
Bromomethane	ND		1.0		ug/L			02/06/14 13:36	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 13:36	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 13:36	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 13:36	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 13:36	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 13:36	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 13:36	1
Chlorobenzene	**1.5**		0.50		ug/L			02/06/14 13:36	1
Chloroethane	ND		1.0		ug/L			02/06/14 13:36	1
Chloroform	ND		1.0		ug/L			02/06/14 13:36	1
Chloromethane	ND		1.0		ug/L			02/06/14 13:36	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 13:36	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 13:36	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 13:36	1
1,2-Dichlorobenzene	**5.0**		0.50		ug/L			02/06/14 13:36	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 13:36	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 13:36	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 13:36	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 13:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 13:36	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 13:36	1
Dibromomethane	ND		0.50		ug/L			02/06/14 13:36	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 13:36	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 13:36	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 13:36	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 13:36	1
cis-1,2-Dichloroethene	**0.56**		0.50		ug/L			02/06/14 13:36	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 13:36	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 13:36	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 13:36	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 13:36	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 13:36	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 13:36	1
2-Hexanone	ND		50		ug/L			02/06/14 13:36	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 13:36	1

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

Client Sample ID: MW-03
Date Collected: 02/05/14 12:25
Date Received: 02/05/14 18:00
Lab Sample ID: 720-55321-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 13:36	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 13:36	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 13:36	1
Naphthalene	ND		1.0		ug/L			02/06/14 13:36	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 13:36	1
Styrene	ND		0.50		ug/L			02/06/14 13:36	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 13:36	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 13:36	1
Tetrachloroethene	**15**		0.50		ug/L			02/06/14 13:36	1
Toluene	ND		0.50		ug/L			02/06/14 13:36	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 13:36	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 13:36	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 13:36	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 13:36	1
Trichloroethene	**1.0**		0.50		ug/L			02/06/14 13:36	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 13:36	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 13:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 13:36	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 13:36	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 13:36	1
Vinyl acetate	ND		10		ug/L			02/06/14 13:36	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 13:36	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 13:36	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 13:36	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*67 - 130*		*02/06/14 13:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 130*		*02/06/14 13:36*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/06/14 13:36*	*1*

Client Sample ID: MW-300
Date Collected: 02/05/14 12:30
Date Received: 02/05/14 18:00
Lab Sample ID: 720-55321-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 14:02	1
Acetone	ND		50		ug/L			02/06/14 14:02	1
Benzene	ND		0.50		ug/L			02/06/14 14:02	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 14:02	1
Bromobenzene	ND		1.0		ug/L			02/06/14 14:02	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 14:02	1
Bromoform	ND		1.0		ug/L			02/06/14 14:02	1
Bromomethane	ND		1.0		ug/L			02/06/14 14:02	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 14:02	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 14:02	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 14:02	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 14:02	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 14:02	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 14:02	1

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

Client Sample ID: MW-300
Lab Sample ID: 720-55321-11
Date Collected: 02/05/14 12:30
Matrix: Water
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	**0.86**		0.50		ug/L			02/06/14 14:02	1
Chloroethane	ND		1.0		ug/L			02/06/14 14:02	1
Chloroform	ND		1.0		ug/L			02/06/14 14:02	1
Chloromethane	ND		1.0		ug/L			02/06/14 14:02	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 14:02	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 14:02	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 14:02	1
1,2-Dichlorobenzene	**2.7**		0.50		ug/L			02/06/14 14:02	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 14:02	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 14:02	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 14:02	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 14:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 14:02	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 14:02	1
Dibromomethane	ND		0.50		ug/L			02/06/14 14:02	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 14:02	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 14:02	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 14:02	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 14:02	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 14:02	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 14:02	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 14:02	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 14:02	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 14:02	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 14:02	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 14:02	1
2-Hexanone	ND		50		ug/L			02/06/14 14:02	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 14:02	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 14:02	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 14:02	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 14:02	1
Naphthalene	ND		1.0		ug/L			02/06/14 14:02	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 14:02	1
Styrene	ND		0.50		ug/L			02/06/14 14:02	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 14:02	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 14:02	1
Tetrachloroethene	**9.0**		0.50		ug/L			02/06/14 14:02	1
Toluene	ND		0.50		ug/L			02/06/14 14:02	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 14:02	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 14:02	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 14:02	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 14:02	1
Trichloroethene	**0.67**		0.50		ug/L			02/06/14 14:02	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 14:02	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 14:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 14:02	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 14:02	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 14:02	1
Vinyl acetate	ND		10		ug/L			02/06/14 14:02	1

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

Client Sample ID: MW-300 **Lab Sample ID: 720-55321-11**
Date Collected: 02/05/14 12:30 **Matrix: Water**
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			02/06/14 14:02	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 14:02	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 14:02	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*02/06/14 14:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 130*		*02/06/14 14:02*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/06/14 14:02*	*1*

Client Sample ID: MP-04-1 **Lab Sample ID: 720-55321-12**
Date Collected: 02/05/14 13:00 **Matrix: Water**
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 14:28	1
Acetone	ND		50		ug/L			02/06/14 14:28	1
Benzene	ND		0.50		ug/L			02/06/14 14:28	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 14:28	1
Bromobenzene	ND		1.0		ug/L			02/06/14 14:28	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 14:28	1
Bromoform	ND		1.0		ug/L			02/06/14 14:28	1
Bromomethane	ND		1.0		ug/L			02/06/14 14:28	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 14:28	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 14:28	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 14:28	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 14:28	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 14:28	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 14:28	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 14:28	1
Chloroethane	ND		1.0		ug/L			02/06/14 14:28	1
Chloroform	ND		1.0		ug/L			02/06/14 14:28	1
Chloromethane	ND		1.0		ug/L			02/06/14 14:28	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 14:28	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 14:28	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 14:28	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 14:28	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 14:28	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 14:28	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 14:28	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 14:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 14:28	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 14:28	1
Dibromomethane	ND		0.50		ug/L			02/06/14 14:28	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 14:28	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 14:28	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 14:28	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 14:28	1
cis-1,2-Dichloroethene	**1.0**		0.50		ug/L			02/06/14 14:28	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 14:28	1

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

Client Sample ID: MP-04-1
Lab Sample ID: 720-55321-12
Date Collected: 02/05/14 13:00
Matrix: Water
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 14:28	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 14:28	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 14:28	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 14:28	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 14:28	1
2-Hexanone	ND		50		ug/L			02/06/14 14:28	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 14:28	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 14:28	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 14:28	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 14:28	1
Naphthalene	ND		1.0		ug/L			02/06/14 14:28	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 14:28	1
Styrene	ND		0.50		ug/L			02/06/14 14:28	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 14:28	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 14:28	1
Tetrachloroethene	**3.4**		0.50		ug/L			02/06/14 14:28	1
Toluene	ND		0.50		ug/L			02/06/14 14:28	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 14:28	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 14:28	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 14:28	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 14:28	1
Trichloroethene	**13**		0.50		ug/L			02/06/14 14:28	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 14:28	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 14:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 14:28	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 14:28	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 14:28	1
Vinyl acetate	ND		10		ug/L			02/06/14 14:28	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 14:28	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 14:28	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 14:28	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*02/06/14 14:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 130*		*02/06/14 14:28*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/06/14 14:28*	*1*

Client Sample ID: MP-04-2
Lab Sample ID: 720-55321-13
Date Collected: 02/05/14 13:15
Matrix: Water
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 14:54	1
Acetone	ND		50		ug/L			02/06/14 14:54	1
Benzene	ND		0.50		ug/L			02/06/14 14:54	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 14:54	1
Bromobenzene	ND		1.0		ug/L			02/06/14 14:54	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 14:54	1
Bromoform	ND		1.0		ug/L			02/06/14 14:54	1

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

Client Sample ID: MP-04-2
Lab Sample ID: 720-55321-13
Date Collected: 02/05/14 13:15
Matrix: Water
Date Received: 02/05/14 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			02/06/14 14:54	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 14:54	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 14:54	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 14:54	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 14:54	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 14:54	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 14:54	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 14:54	1
Chloroethane	ND		1.0		ug/L			02/06/14 14:54	1
Chloroform	ND		1.0		ug/L			02/06/14 14:54	1
Chloromethane	ND		1.0		ug/L			02/06/14 14:54	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 14:54	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 14:54	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 14:54	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 14:54	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 14:54	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 14:54	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 14:54	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 14:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 14:54	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 14:54	1
Dibromomethane	ND		0.50		ug/L			02/06/14 14:54	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 14:54	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 14:54	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 14:54	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 14:54	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 14:54	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 14:54	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 14:54	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 14:54	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 14:54	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 14:54	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 14:54	1
2-Hexanone	ND		50		ug/L			02/06/14 14:54	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 14:54	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 14:54	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 14:54	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 14:54	1
Naphthalene	ND		1.0		ug/L			02/06/14 14:54	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 14:54	1
Styrene	ND		0.50		ug/L			02/06/14 14:54	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 14:54	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 14:54	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 14:54	1
Toluene	ND		0.50		ug/L			02/06/14 14:54	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 14:54	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 14:54	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 14:54	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 14:54	1

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

Client Sample ID: MP-04-2
Date Collected: 02/05/14 13:15
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			02/06/14 14:54	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 14:54	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 14:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 14:54	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 14:54	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 14:54	1
Vinyl acetate	ND		10		ug/L			02/06/14 14:54	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 14:54	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 14:54	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 14:54	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*02/06/14 14:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*		*02/06/14 14:54*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/06/14 14:54*	*1*

Client Sample ID: MP-04-3
Date Collected: 02/05/14 13:25
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 12:18	1
Acetone	ND		50		ug/L			02/06/14 12:18	1
Benzene	ND		0.50		ug/L			02/06/14 12:18	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 12:18	1
Bromobenzene	ND		1.0		ug/L			02/06/14 12:18	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 12:18	1
Bromoform	ND		1.0		ug/L			02/06/14 12:18	1
Bromomethane	ND		1.0		ug/L			02/06/14 12:18	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 12:18	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 12:18	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 12:18	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 12:18	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 12:18	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 12:18	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 12:18	1
Chloroethane	ND		1.0		ug/L			02/06/14 12:18	1
Chloroform	ND		1.0		ug/L			02/06/14 12:18	1
Chloromethane	ND		1.0		ug/L			02/06/14 12:18	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 12:18	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 12:18	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 12:18	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:18	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:18	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 12:18	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 12:18	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 12:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 12:18	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 12:18	1

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

Client Sample ID: MP-04-3
Date Collected: 02/05/14 13:25
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			02/06/14 12:18	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 12:18	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 12:18	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 12:18	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 12:18	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 12:18	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 12:18	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 12:18	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 12:18	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 12:18	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 12:18	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 12:18	1
2-Hexanone	ND		50		ug/L			02/06/14 12:18	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 12:18	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 12:18	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 12:18	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 12:18	1
Naphthalene	ND		1.0		ug/L			02/06/14 12:18	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 12:18	1
Styrene	ND		0.50		ug/L			02/06/14 12:18	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 12:18	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 12:18	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 12:18	1
Toluene	ND		0.50		ug/L			02/06/14 12:18	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 12:18	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 12:18	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 12:18	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 12:18	1
Trichloroethene	ND		0.50		ug/L			02/06/14 12:18	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 12:18	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 12:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 12:18	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 12:18	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 12:18	1
Vinyl acetate	ND		10		ug/L			02/06/14 12:18	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 12:18	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 12:18	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 12:18	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*02/06/14 12:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*		*02/06/14 12:18*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*02/06/14 12:18*	*1*

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

Client Sample ID: MP-03-3
Date Collected: 02/05/14 13:55
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 15:20	1
Acetone	ND		50		ug/L			02/06/14 15:20	1
Benzene	ND		0.50		ug/L			02/06/14 15:20	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 15:20	1
Bromobenzene	ND		1.0		ug/L			02/06/14 15:20	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 15:20	1
Bromoform	ND		1.0		ug/L			02/06/14 15:20	1
Bromomethane	ND		1.0		ug/L			02/06/14 15:20	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 15:20	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 15:20	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 15:20	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 15:20	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 15:20	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 15:20	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 15:20	1
Chloroethane	ND		1.0		ug/L			02/06/14 15:20	1
Chloroform	ND		1.0		ug/L			02/06/14 15:20	1
Chloromethane	ND		1.0		ug/L			02/06/14 15:20	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 15:20	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 15:20	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 15:20	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 15:20	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 15:20	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 15:20	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 15:20	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 15:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 15:20	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 15:20	1
Dibromomethane	ND		0.50		ug/L			02/06/14 15:20	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 15:20	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 15:20	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 15:20	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 15:20	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 15:20	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 15:20	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 15:20	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 15:20	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 15:20	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 15:20	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 15:20	1
2-Hexanone	ND		50		ug/L			02/06/14 15:20	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 15:20	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 15:20	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 15:20	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 15:20	1
Naphthalene	ND		1.0		ug/L			02/06/14 15:20	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 15:20	1
Styrene	ND		0.50		ug/L			02/06/14 15:20	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 15:20	1

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

Client Sample ID: MP-03-3
Date Collected: 02/05/14 13:55
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 15:20	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 15:20	1
Toluene	ND		0.50		ug/L			02/06/14 15:20	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 15:20	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 15:20	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 15:20	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 15:20	1
Trichloroethene	ND		0.50		ug/L			02/06/14 15:20	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 15:20	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 15:20	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 15:20	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 15:20	1
Vinyl acetate	ND		10		ug/L			02/06/14 15:20	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 15:20	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 15:20	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 15:20	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*02/06/14 15:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*		*02/06/14 15:20*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/06/14 15:20*	*1*

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

Lab Sample ID: MB 720-153039/4
Matrix: Water
Analysis Batch: 153039

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			02/06/14 08:51	1
Acetone	ND		50		ug/L			02/06/14 08:51	1
Benzene	ND		0.50		ug/L			02/06/14 08:51	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 08:51	1
Bromobenzene	ND		1.0		ug/L			02/06/14 08:51	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 08:51	1
Bromoform	ND		1.0		ug/L			02/06/14 08:51	1
Bromomethane	ND		1.0		ug/L			02/06/14 08:51	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 08:51	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 08:51	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 08:51	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 08:51	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 08:51	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 08:51	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 08:51	1
Chloroethane	ND		1.0		ug/L			02/06/14 08:51	1
Chloroform	ND		1.0		ug/L			02/06/14 08:51	1
Chloromethane	ND		1.0		ug/L			02/06/14 08:51	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 08:51	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 08:51	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 08:51	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 08:51	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 08:51	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 08:51	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 08:51	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 08:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 08:51	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 08:51	1
Dibromomethane	ND		0.50		ug/L			02/06/14 08:51	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 08:51	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 08:51	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 08:51	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 08:51	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 08:51	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 08:51	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 08:51	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 08:51	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 08:51	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 08:51	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 08:51	1
2-Hexanone	ND		50		ug/L			02/06/14 08:51	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 08:51	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 08:51	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 08:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 08:51	1
Naphthalene	ND		1.0		ug/L			02/06/14 08:51	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 08:51	1
Styrene	ND		0.50		ug/L			02/06/14 08:51	1

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

Lab Sample ID: MB 720-153039/4 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 153039

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 08:51	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 08:51	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 08:51	1
Toluene	ND		0.50		ug/L			02/06/14 08:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 08:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 08:51	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 08:51	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 08:51	1
Trichloroethene	ND		0.50		ug/L			02/06/14 08:51	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 08:51	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 08:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 08:51	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 08:51	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 08:51	1
Vinyl acetate	ND		10		ug/L			02/06/14 08:51	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 08:51	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 08:51	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 08:51	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 08:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 130*		*02/06/14 08:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*82*		*72 - 130*		*02/06/14 08:51*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*02/06/14 08:51*	*1*

Lab Sample ID: LCS 720-153039/5 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 153039

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	21.7		ug/L		87	62 - 130
Acetone	125	124		ug/L		99	26 - 180
Benzene	25.0	22.5		ug/L		90	79 - 130
Dichlorobromomethane	25.0	24.2		ug/L		97	70 - 130
Bromobenzene	25.0	25.0		ug/L		100	70 - 130
Chlorobromomethane	25.0	24.1		ug/L		96	70 - 130
Bromoform	25.0	29.7		ug/L		119	68 - 136
Bromomethane	25.0	24.0		ug/L		96	43 - 151
2-Butanone (MEK)	125	117		ug/L		94	54 - 130
n-Butylbenzene	25.0	27.6		ug/L		110	70 - 142
sec-Butylbenzene	25.0	26.0		ug/L		104	70 - 134
tert-Butylbenzene	25.0	27.2		ug/L		109	70 - 135
Carbon disulfide	25.0	20.0		ug/L		80	58 - 130
Carbon tetrachloride	25.0	24.0		ug/L		96	70 - 146
Chlorobenzene	25.0	26.4		ug/L		105	70 - 130
Chloroethane	25.0	23.4		ug/L		94	62 - 138
Chloroform	25.0	22.9		ug/L		91	70 - 130

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

Lab Sample ID: LCS 720-153039/5
Matrix: Water
Analysis Batch: 153039

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	22.8		ug/L		91	52 - 175
2-Chlorotoluene	25.0	24.9		ug/L		100	70 - 130
4-Chlorotoluene	25.0	24.4		ug/L		98	70 - 130
Chlorodibromomethane	25.0	28.2		ug/L		113	70 - 145
1,2-Dichlorobenzene	25.0	27.6		ug/L		111	70 - 130
1,3-Dichlorobenzene	25.0	28.0		ug/L		112	70 - 130
1,4-Dichlorobenzene	25.0	28.5		ug/L		114	70 - 130
1,3-Dichloropropane	25.0	23.0		ug/L		92	70 - 130
1,1-Dichloropropene	25.0	23.2		ug/L		93	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	28.0		ug/L		112	70 - 136
Ethylene Dibromide	25.0	25.2		ug/L		101	70 - 130
Dibromomethane	25.0	23.9		ug/L		96	70 - 130
Dichlorodifluoromethane	25.0	23.4		ug/L		94	34 - 132
1,1-Dichloroethane	25.0	21.8		ug/L		87	70 - 130
1,2-Dichloroethane	25.0	19.9		ug/L		80	61 - 132
1,1-Dichloroethene	25.0	22.4		ug/L		90	64 - 128
cis-1,2-Dichloroethene	25.0	21.4		ug/L		85	70 - 130
trans-1,2-Dichloroethene	25.0	23.0		ug/L		92	68 - 130
1,2-Dichloropropane	25.0	21.9		ug/L		87	70 - 130
cis-1,3-Dichloropropene	25.0	23.9		ug/L		95	70 - 130
trans-1,3-Dichloropropene	25.0	23.5		ug/L		94	70 - 140
Ethylbenzene	25.0	26.0		ug/L		104	80 - 120
Hexachlorobutadiene	25.0	28.2		ug/L		113	70 - 130
2-Hexanone	125	114		ug/L		91	60 - 164
Isopropylbenzene	25.0	27.6		ug/L		111	70 - 130
4-Isopropyltoluene	25.0	28.5		ug/L		114	70 - 130
Methylene Chloride	25.0	21.9		ug/L		87	70 - 147
4-Methyl-2-pentanone (MIBK)	125	114		ug/L		91	58 - 130
Naphthalene	25.0	28.9		ug/L		116	70 - 130
N-Propylbenzene	25.0	25.1		ug/L		100	70 - 130
Styrene	25.0	26.1		ug/L		104	70 - 130
1,1,1,2-Tetrachloroethane	25.0	26.9		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	70 - 130
Tetrachloroethene	25.0	27.4		ug/L		109	70 - 130
Toluene	25.0	23.7		ug/L		95	78 - 120
1,2,3-Trichlorobenzene	25.0	29.5		ug/L		118	70 - 130
1,2,4-Trichlorobenzene	25.0	29.5		ug/L		118	70 - 130
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	70 - 130
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	70 - 130
Trichloroethene	25.0	25.9		ug/L		104	70 - 130
Trichlorofluoromethane	25.0	27.5		ug/L		110	66 - 132
1,2,3-Trichloropropane	25.0	23.1		ug/L		92	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.2		ug/L		97	42 - 162
1,2,4-Trimethylbenzene	25.0	25.8		ug/L		103	70 - 132
1,3,5-Trimethylbenzene	25.0	25.6		ug/L		102	70 - 130
Vinyl acetate	25.0	24.4		ug/L		98	43 - 163
Vinyl chloride	25.0	23.3		ug/L		93	54 - 135

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

Lab Sample ID: LCS 720-153039/5
Matrix: Water
Analysis Batch: 153039

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	50.0	51.9		ug/L		104	70 - 142
o-Xylene	25.0	26.7		ug/L		107	70 - 130
2,2-Dichloropropane	25.0	23.7		ug/L		95	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*80*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCS 720-153039/7
Matrix: Water
Analysis Batch: 153039

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	482		ug/L		96	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-153039/6
Matrix: Water
Analysis Batch: 153039

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	21.3		ug/L		85	62 - 130	2	20
Acetone	125	120		ug/L		96	26 - 180	3	30
Benzene	25.0	22.3		ug/L		89	79 - 130	1	20
Dichlorobromomethane	25.0	23.8		ug/L		95	70 - 130	2	20
Bromobenzene	25.0	25.5		ug/L		102	70 - 130	2	20
Chlorobromomethane	25.0	23.8		ug/L		95	70 - 130	1	20
Bromoform	25.0	28.8		ug/L		115	68 - 136	3	20
Bromomethane	25.0	23.2		ug/L		93	43 - 151	3	20
2-Butanone (MEK)	125	108		ug/L		86	54 - 130	9	20
n-Butylbenzene	25.0	26.3		ug/L		105	70 - 142	5	20
sec-Butylbenzene	25.0	25.7		ug/L		103	70 - 134	1	20
tert-Butylbenzene	25.0	27.4		ug/L		110	70 - 135	1	20
Carbon disulfide	25.0	19.8		ug/L		79	58 - 130	1	20
Carbon tetrachloride	25.0	24.0		ug/L		96	70 - 146	0	20
Chlorobenzene	25.0	25.8		ug/L		103	70 - 130	2	20
Chloroethane	25.0	22.4		ug/L		90	62 - 138	4	20
Chloroform	25.0	22.6		ug/L		90	70 - 130	1	20
Chloromethane	25.0	21.5		ug/L		86	52 - 175	6	20
2-Chlorotoluene	25.0	25.1		ug/L		100	70 - 130	1	20
4-Chlorotoluene	25.0	24.6		ug/L		98	70 - 130	1	20
Chlorodibromomethane	25.0	27.9		ug/L		112	70 - 145	1	20

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

Lab Sample ID: LCSD 720-153039/6
Matrix: Water
Analysis Batch: 153039

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	27.2		ug/L		109	70 - 130	2	20
1,3-Dichlorobenzene	25.0	27.5		ug/L		110	70 - 130	2	20
1,4-Dichlorobenzene	25.0	28.1		ug/L		112	70 - 130	1	20
1,3-Dichloropropane	25.0	22.4		ug/L		90	70 - 130	3	20
1,1-Dichloropropene	25.0	23.0		ug/L		92	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	26.6		ug/L		107	70 - 136	5	20
Ethylene Dibromide	25.0	24.5		ug/L		98	70 - 130	3	20
Dibromomethane	25.0	23.4		ug/L		94	70 - 130	2	20
Dichlorodifluoromethane	25.0	22.4		ug/L		90	34 - 132	5	20
1,1-Dichloroethane	25.0	21.5		ug/L		86	70 - 130	2	20
1,2-Dichloroethane	25.0	19.6		ug/L		78	61 - 132	2	20
1,1-Dichloroethene	25.0	21.6		ug/L		87	64 - 128	4	20
cis-1,2-Dichloroethene	25.0	21.3		ug/L		85	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	22.8		ug/L		91	68 - 130	1	20
1,2-Dichloropropane	25.0	21.6		ug/L		86	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	23.5		ug/L		94	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	23.2		ug/L		93	70 - 140	2	20
Ethylbenzene	25.0	25.5		ug/L		102	80 - 120	2	20
Hexachlorobutadiene	25.0	26.7		ug/L		107	70 - 130	5	20
2-Hexanone	125	105		ug/L		84	60 - 164	8	20
Isopropylbenzene	25.0	26.9		ug/L		108	70 - 130	3	20
4-Isopropyltoluene	25.0	27.6		ug/L		111	70 - 130	3	20
Methylene Chloride	25.0	21.2		ug/L		85	70 - 147	3	20
4-Methyl-2-pentanone (MIBK)	125	107		ug/L		86	58 - 130	6	20
Naphthalene	25.0	27.9		ug/L		111	70 - 130	4	20
N-Propylbenzene	25.0	25.2		ug/L		101	70 - 130	0	20
Styrene	25.0	25.6		ug/L		102	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	26.9		ug/L		108	70 - 130	0	20
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	70 - 130	2	20
Tetrachloroethene	25.0	26.7		ug/L		107	70 - 130	3	20
Toluene	25.0	23.8		ug/L		95	78 - 120	0	20
1,2,3-Trichlorobenzene	25.0	28.5		ug/L		114	70 - 130	3	20
1,2,4-Trichlorobenzene	25.0	28.6		ug/L		114	70 - 130	3	20
1,1,1-Trichloroethane	25.0	23.9		ug/L		96	70 - 130	1	20
1,1,2-Trichloroethane	25.0	24.1		ug/L		97	70 - 130	3	20
Trichloroethene	25.0	25.7		ug/L		103	70 - 130	1	20
Trichlorofluoromethane	25.0	27.2		ug/L		109	66 - 132	1	20
1,2,3-Trichloropropane	25.0	22.8		ug/L		91	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.5		ug/L		90	42 - 162	7	20
1,2,4-Trimethylbenzene	25.0	25.6		ug/L		102	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	25.4		ug/L		102	70 - 130	1	20
Vinyl acetate	25.0	24.2		ug/L		97	43 - 163	1	20
Vinyl chloride	25.0	22.5		ug/L		90	54 - 135	4	20
m-Xylene & p-Xylene	50.0	50.5		ug/L		101	70 - 142	3	20
o-Xylene	25.0	26.1		ug/L		104	70 - 130	2	20
2,2-Dichloropropane	25.0	23.6		ug/L		95	70 - 140	0	20

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

Lab Sample ID: LCSD 720-153039/6
Matrix: Water
Analysis Batch: 153039

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*95*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*79*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-153039/8
Matrix: Water
Analysis Batch: 153039

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	503		ug/L		101	62 - 120	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	*95*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*80*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 720-55321-3 MS
Matrix: Water
Analysis Batch: 153039

Client Sample ID: MP-01-1
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	23.3		ug/L		93	60 - 138
Acetone	ND		125	109		ug/L		88	60 - 140
Benzene	ND		25.0	22.2		ug/L		89	60 - 140
Dichlorobromomethane	ND		25.0	24.8		ug/L		99	60 - 140
Bromobenzene	ND		25.0	24.0		ug/L		96	60 - 140
Chlorobromomethane	ND		25.0	25.1		ug/L		100	60 - 140
Bromoform	ND		25.0	29.1		ug/L		116	56 - 140
Bromomethane	ND		25.0	21.8		ug/L		87	23 - 140
2-Butanone (MEK)	ND		125	113		ug/L		90	60 - 140
n-Butylbenzene	ND		25.0	23.4		ug/L		94	60 - 140
sec-Butylbenzene	ND		25.0	22.9		ug/L		92	60 - 140
tert-Butylbenzene	ND		25.0	24.3		ug/L		97	60 - 140
Carbon disulfide	ND		25.0	18.1		ug/L		72	38 - 140
Carbon tetrachloride	ND		25.0	22.3		ug/L		89	60 - 140
Chlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140
Chloroethane	ND		25.0	22.3		ug/L		89	51 - 140
Chloroform	ND		25.0	23.0		ug/L		92	60 - 140
Chloromethane	ND		25.0	20.7		ug/L		83	52 - 140
2-Chlorotoluene	ND		25.0	23.0		ug/L		92	60 - 140
4-Chlorotoluene	ND		25.0	22.2		ug/L		89	60 - 140
Chlorodibromomethane	ND		25.0	29.3		ug/L		117	60 - 140
1,2-Dichlorobenzene	ND		25.0	26.4		ug/L		105	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140
1,4-Dichlorobenzene	ND		25.0	26.1		ug/L		105	60 - 140
1,3-Dichloropropane	ND		25.0	24.4		ug/L		97	60 - 140
1,1-Dichloropropene	ND		25.0	21.8		ug/L		87	60 - 140

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

Lab Sample ID: 720-55321-3 MS
Matrix: Water
Analysis Batch: 153039

Client Sample ID: MP-01-1
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	27.1		ug/L		109	60 - 140
Ethylene Dibromide	ND		25.0	26.3		ug/L		105	60 - 140
Dibromomethane	ND		25.0	24.9		ug/L		100	60 - 140
Dichlorodifluoromethane	ND		25.0	21.5		ug/L		86	38 - 140
1,1-Dichloroethane	ND		25.0	21.6		ug/L		86	60 - 140
1,2-Dichloroethane	ND		25.0	21.0		ug/L		84	60 - 140
1,1-Dichloroethene	ND		25.0	20.5		ug/L		82	60 - 140
cis-1,2-Dichloroethene	1.1		25.0	22.6		ug/L		86	60 - 140
trans-1,2-Dichloroethene	ND		25.0	21.8		ug/L		87	60 - 140
1,2-Dichloropropane	ND		25.0	22.6		ug/L		90	60 - 140
cis-1,3-Dichloropropene	ND		25.0	24.1		ug/L		97	60 - 140
trans-1,3-Dichloropropene	ND		25.0	24.2		ug/L		97	60 - 140
Ethylbenzene	ND		25.0	24.0		ug/L		96	60 - 140
Hexachlorobutadiene	ND		25.0	23.7		ug/L		95	60 - 140
2-Hexanone	ND		125	113		ug/L		90	60 - 140
Isopropylbenzene	ND		25.0	25.4		ug/L		101	60 - 140
4-Isopropyltoluene	ND		25.0	24.8		ug/L		99	60 - 140
Methylene Chloride	ND		25.0	21.1		ug/L		84	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	118		ug/L		94	58 - 130
Naphthalene	ND		25.0	28.2		ug/L		113	56 - 140
N-Propylbenzene	ND		25.0	22.3		ug/L		89	60 - 140
Styrene	ND		25.0	24.8		ug/L		99	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	26.6		ug/L		106	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	23.6		ug/L		94	60 - 140
Tetrachloroethene	100		25.0	132	4	ug/L		126	60 - 140
Toluene	ND		25.0	22.4		ug/L		90	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	28.0		ug/L		112	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	27.1		ug/L		108	60 - 140
1,1,1-Trichloroethane	ND		25.0	22.8		ug/L		91	60 - 140
1,1,2-Trichloroethane	ND		25.0	26.3		ug/L		105	60 - 140
Trichloroethene	8.6		25.0	34.3		ug/L		103	60 - 140
Trichlorofluoromethane	ND		25.0	24.1		ug/L		97	60 - 140
1,2,3-Trichloropropane	ND		25.0	22.6		ug/L		91	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.1		ug/L		85	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	22.8		ug/L		91	60 - 140
Vinyl acetate	ND		25.0	24.2		ug/L		97	40 - 140
Vinyl chloride	ND		25.0	22.1		ug/L		89	58 - 140
m-Xylene & p-Xylene	ND		50.0	48.1		ug/L		96	60 - 140
o-Xylene	ND		25.0	25.3		ug/L		101	60 - 140
2,2-Dichloropropane	ND		25.0	20.8		ug/L		83	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*88*		*72 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

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

Lab Sample ID: 720-55321-3 MSD
Client Sample ID: MP-01-1
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 153039

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	24.5		ug/L		98	60 - 138	5	20
Acetone	ND		125	115		ug/L		92	60 - 140	5	20
Benzene	ND		25.0	23.7		ug/L		95	60 - 140	6	20
Dichlorobromomethane	ND		25.0	26.3		ug/L		105	60 - 140	6	20
Bromobenzene	ND		25.0	27.7		ug/L		111	60 - 140	14	20
Chlorobromomethane	ND		25.0	26.2		ug/L		105	60 - 140	4	20
Bromoform	ND		25.0	31.5		ug/L		126	56 - 140	8	20
Bromomethane	ND		25.0	23.5		ug/L		94	23 - 140	8	20
2-Butanone (MEK)	ND		125	115		ug/L		92	60 - 140	2	20
n-Butylbenzene	ND		25.0	27.0		ug/L		108	60 - 140	14	20
sec-Butylbenzene	ND		25.0	26.7		ug/L		107	60 - 140	15	20
tert-Butylbenzene	ND		25.0	28.6		ug/L		114	60 - 140	17	20
Carbon disulfide	ND		25.0	19.7		ug/L		79	38 - 140	9	20
Carbon tetrachloride	ND		25.0	24.4		ug/L		98	60 - 140	9	20
Chlorobenzene	ND		25.0	28.0		ug/L		112	60 - 140	10	20
Chloroethane	ND		25.0	23.8		ug/L		95	51 - 140	7	20
Chloroform	ND		25.0	24.4		ug/L		98	60 - 140	6	20
Chloromethane	ND		25.0	22.2		ug/L		89	52 - 140	7	20
2-Chlorotoluene	ND		25.0	26.7		ug/L		107	60 - 140	15	20
4-Chlorotoluene	ND		25.0	26.0		ug/L		104	60 - 140	16	20
Chlorodibromomethane	ND		25.0	30.7		ug/L		123	60 - 140	5	20
1,2-Dichlorobenzene	ND		25.0	29.9		ug/L		120	60 - 140	13	20
1,3-Dichlorobenzene	ND		25.0	29.6		ug/L		118	60 - 140	15	20
1,4-Dichlorobenzene	ND		25.0	30.0		ug/L		120	60 - 140	14	20
1,3-Dichloropropane	ND		25.0	25.2		ug/L		101	60 - 140	3	20
1,1-Dichloropropene	ND		25.0	23.2		ug/L		93	60 - 140	6	20
1,2-Dibromo-3-Chloropropane	ND		25.0	29.9		ug/L		119	60 - 140	10	20
Ethylene Dibromide	ND		25.0	27.1		ug/L		108	60 - 140	3	20
Dibromomethane	ND		25.0	26.0		ug/L		104	60 - 140	4	20
Dichlorodifluoromethane	ND		25.0	23.3		ug/L		93	38 - 140	8	20
1,1-Dichloroethane	ND		25.0	23.0		ug/L		92	60 - 140	7	20
1,2-Dichloroethane	ND		25.0	22.0		ug/L		88	60 - 140	5	20
1,1-Dichloroethene	ND		25.0	22.0		ug/L		88	60 - 140	7	20
cis-1,2-Dichloroethene	1.1		25.0	24.0		ug/L		92	60 - 140	6	20
trans-1,2-Dichloroethene	ND		25.0	23.3		ug/L		93	60 - 140	7	20
1,2-Dichloropropane	ND		25.0	23.9		ug/L		96	60 - 140	6	20
cis-1,3-Dichloropropene	ND		25.0	25.5		ug/L		102	60 - 140	5	20
trans-1,3-Dichloropropene	ND		25.0	25.2		ug/L		101	60 - 140	4	20
Ethylbenzene	ND		25.0	26.8		ug/L		107	60 - 140	11	20
Hexachlorobutadiene	ND		25.0	27.1		ug/L		109	60 - 140	13	20
2-Hexanone	ND		125	115		ug/L		92	60 - 140	2	20
Isopropylbenzene	ND		25.0	28.1		ug/L		113	60 - 140	10	20
4-Isopropyltoluene	ND		25.0	28.9		ug/L		116	60 - 140	15	20
Methylene Chloride	ND		25.0	22.5		ug/L		90	40 - 140	6	20
4-Methyl-2-pentanone (MIBK)	ND		125	120		ug/L		96	58 - 130	2	20
Naphthalene	ND		25.0	30.9		ug/L		124	56 - 140	9	20
N-Propylbenzene	ND		25.0	25.9		ug/L		104	60 - 140	15	20
Styrene	ND		25.0	27.4		ug/L		110	60 - 140	10	20

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

Lab Sample ID: 720-55321-3 MSD
Matrix: Water
Analysis Batch: 153039

Client Sample ID: MP-01-1
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	29.5		ug/L		118	60 - 140	10	20
1,1,2,2-Tetrachloroethane	ND		25.0	26.6		ug/L		107	60 - 140	12	20
Tetrachloroethene	100		25.0	146	4	ug/L		182	60 - 140	10	20
Toluene	ND		25.0	25.1		ug/L		100	60 - 140	11	20
1,2,3-Trichlorobenzene	ND		25.0	31.1		ug/L		124	60 - 140	10	20
1,2,4-Trichlorobenzene	ND		25.0	30.5		ug/L		122	60 - 140	12	20
1,1,1-Trichloroethane	ND		25.0	24.6		ug/L		99	60 - 140	8	20
1,1,2-Trichloroethane	ND		25.0	27.4		ug/L		110	60 - 140	4	20
Trichloroethene	8.6		25.0	37.0		ug/L		114	60 - 140	8	20
Trichlorofluoromethane	ND		25.0	26.3		ug/L		105	60 - 140	9	20
1,2,3-Trichloropropane	ND		25.0	25.6		ug/L		102	60 - 140	12	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.9		ug/L		91	60 - 140	8	20
1,2,4-Trimethylbenzene	ND		25.0	27.0		ug/L		108	60 - 140	15	20
1,3,5-Trimethylbenzene	ND		25.0	26.7		ug/L		107	60 - 140	16	20
Vinyl acetate	ND		25.0	25.7		ug/L		103	40 - 140	6	20
Vinyl chloride	ND		25.0	23.9		ug/L		96	58 - 140	8	20
m-Xylene & p-Xylene	ND		50.0	53.4		ug/L		107	60 - 140	10	20
o-Xylene	ND		25.0	28.1		ug/L		112	60 - 140	11	20
2,2-Dichloropropane	ND		25.0	22.6		ug/L		90	60 - 140	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 720-153040/4
Matrix: Water
Analysis Batch: 153040

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			02/06/14 09:16	1
Acetone	ND		50		ug/L			02/06/14 09:16	1
Benzene	ND		0.50		ug/L			02/06/14 09:16	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 09:16	1
Bromobenzene	ND		1.0		ug/L			02/06/14 09:16	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 09:16	1
Bromoform	ND		1.0		ug/L			02/06/14 09:16	1
Bromomethane	ND		1.0		ug/L			02/06/14 09:16	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 09:16	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 09:16	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 09:16	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
Chloroethane	ND		1.0		ug/L			02/06/14 09:16	1
Chloroform	ND		1.0		ug/L			02/06/14 09:16	1

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

Lab Sample ID: MB 720-153040/4 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 153040

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0		ug/L			02/06/14 09:16	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 09:16	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 09:16	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 09:16	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 09:16	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 09:16	1
Dibromomethane	ND		0.50		ug/L			02/06/14 09:16	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 09:16	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 09:16	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 09:16	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 09:16	1
2-Hexanone	ND		50		ug/L			02/06/14 09:16	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 09:16	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 09:16	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 09:16	1
Naphthalene	ND		1.0		ug/L			02/06/14 09:16	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
Styrene	ND		0.50		ug/L			02/06/14 09:16	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 09:16	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 09:16	1
Toluene	ND		0.50		ug/L			02/06/14 09:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 09:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 09:16	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
Trichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 09:16	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 09:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
Vinyl acetate	ND		10		ug/L			02/06/14 09:16	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 09:16	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 09:16	1

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

Lab Sample ID: MB 720-153040/4
Matrix: Water
Analysis Batch: 153040

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			02/06/14 09:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*02/06/14 09:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*		*02/06/14 09:16*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/06/14 09:16*	*1*

Lab Sample ID: LCS 720-153040/5
Matrix: Water
Analysis Batch: 153040

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	25.5		ug/L		102	62 - 130
Acetone	125	120		ug/L		96	26 - 180
Benzene	25.0	23.9		ug/L		96	79 - 130
Dichlorobromomethane	25.0	26.6		ug/L		106	70 - 130
Bromobenzene	25.0	27.0		ug/L		108	70 - 130
Chlorobromomethane	25.0	26.7		ug/L		107	70 - 130
Bromoform	25.0	27.3		ug/L		109	68 - 136
Bromomethane	25.0	25.8		ug/L		103	43 - 151
2-Butanone (MEK)	125	124		ug/L		99	54 - 130
n-Butylbenzene	25.0	27.9		ug/L		111	70 - 142
sec-Butylbenzene	25.0	26.7		ug/L		107	70 - 134
tert-Butylbenzene	25.0	27.1		ug/L		108	70 - 135
Carbon disulfide	25.0	21.2		ug/L		85	58 - 130
Carbon tetrachloride	25.0	25.9		ug/L		104	70 - 146
Chlorobenzene	25.0	25.5		ug/L		102	70 - 130
Chloroethane	25.0	25.2		ug/L		101	62 - 138
Chloroform	25.0	26.7		ug/L		107	70 - 130
Chloromethane	25.0	22.1		ug/L		89	52 - 175
2-Chlorotoluene	25.0	27.1		ug/L		108	70 - 130
4-Chlorotoluene	25.0	26.8		ug/L		107	70 - 130
Chlorodibromomethane	25.0	29.0		ug/L		116	70 - 145
1,2-Dichlorobenzene	25.0	27.1		ug/L		109	70 - 130
1,3-Dichlorobenzene	25.0	28.1		ug/L		112	70 - 130
1,4-Dichlorobenzene	25.0	27.6		ug/L		111	70 - 130
1,3-Dichloropropane	25.0	26.6		ug/L		106	70 - 130
1,1-Dichloropropene	25.0	26.2		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		98	70 - 136
Ethylene Dibromide	25.0	27.3		ug/L		109	70 - 130
Dibromomethane	25.0	26.5		ug/L		106	70 - 130
Dichlorodifluoromethane	25.0	24.1		ug/L		96	34 - 132
1,1-Dichloroethane	25.0	24.0		ug/L		96	70 - 130
1,2-Dichloroethane	25.0	25.3		ug/L		101	61 - 132
1,1-Dichloroethene	25.0	22.3		ug/L		89	64 - 128
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	70 - 130

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

Lab Sample ID: LCS 720-153040/5
Matrix: Water
Analysis Batch: 153040

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	24.5		ug/L		98	68 - 130
1,2-Dichloropropane	25.0	24.0		ug/L		96	70 - 130
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	70 - 130
trans-1,3-Dichloropropene	25.0	29.6		ug/L		118	70 - 140
Ethylbenzene	25.0	24.7		ug/L		99	80 - 120
Hexachlorobutadiene	25.0	28.2		ug/L		113	70 - 130
2-Hexanone	125	118		ug/L		94	60 - 164
Isopropylbenzene	25.0	26.6		ug/L		106	70 - 130
4-Isopropyltoluene	25.0	27.2		ug/L		109	70 - 130
Methylene Chloride	25.0	23.0		ug/L		92	70 - 147
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	58 - 130
Naphthalene	25.0	26.7		ug/L		107	70 - 130
N-Propylbenzene	25.0	26.3		ug/L		105	70 - 130
Styrene	25.0	26.3		ug/L		105	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.2		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		104	70 - 130
Tetrachloroethene	25.0	26.8		ug/L		107	70 - 130
Toluene	25.0	23.6		ug/L		94	78 - 120
1,2,3-Trichlorobenzene	25.0	28.6		ug/L		114	70 - 130
1,2,4-Trichlorobenzene	25.0	28.7		ug/L		115	70 - 130
1,1,1-Trichloroethane	25.0	26.8		ug/L		107	70 - 130
1,1,2-Trichloroethane	25.0	27.5		ug/L		110	70 - 130
Trichloroethene	25.0	25.5		ug/L		102	70 - 130
Trichlorofluoromethane	25.0	28.9		ug/L		116	66 - 132
1,2,3-Trichloropropane	25.0	27.0		ug/L		108	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		92	42 - 162
1,2,4-Trimethylbenzene	25.0	27.2		ug/L		109	70 - 132
1,3,5-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 130
Vinyl acetate	25.0	26.2		ug/L		105	43 - 163
Vinyl chloride	25.0	24.8		ug/L		99	54 - 135
m-Xylene & p-Xylene	50.0	49.7		ug/L		99	70 - 142
o-Xylene	25.0	26.0		ug/L		104	70 - 130
2,2-Dichloropropane	25.0	29.4		ug/L		118	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCS 720-153040/7
Matrix: Water
Analysis Batch: 153040

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	475		ug/L		95	62 - 120

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

Lab Sample ID: LCS 720-153040/7
Matrix: Water
Analysis Batch: 153040

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-153040/6
Matrix: Water
Analysis Batch: 153040

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	25.2		ug/L		101	62 - 130	1	20
Acetone	125	117		ug/L		93	26 - 180	3	30
Benzene	25.0	24.1		ug/L		96	79 - 130	1	20
Dichlorobromomethane	25.0	27.0		ug/L		108	70 - 130	2	20
Bromobenzene	25.0	26.8		ug/L		107	70 - 130	1	20
Chlorobromomethane	25.0	26.7		ug/L		107	70 - 130	0	20
Bromoform	25.0	28.3		ug/L		113	68 - 136	3	20
Bromomethane	25.0	26.5		ug/L		106	43 - 151	2	20
2-Butanone (MEK)	125	129		ug/L		103	54 - 130	4	20
n-Butylbenzene	25.0	28.3		ug/L		113	70 - 142	1	20
sec-Butylbenzene	25.0	27.2		ug/L		109	70 - 134	2	20
tert-Butylbenzene	25.0	27.6		ug/L		110	70 - 135	2	20
Carbon disulfide	25.0	21.2		ug/L		85	58 - 130	0	20
Carbon tetrachloride	25.0	26.3		ug/L		105	70 - 146	1	20
Chlorobenzene	25.0	26.1		ug/L		104	70 - 130	2	20
Chloroethane	25.0	26.2		ug/L		105	62 - 138	4	20
Chloroform	25.0	26.6		ug/L		107	70 - 130	0	20
Chloromethane	25.0	22.0		ug/L		88	52 - 175	1	20
2-Chlorotoluene	25.0	27.4		ug/L		110	70 - 130	1	20
4-Chlorotoluene	25.0	27.0		ug/L		108	70 - 130	1	20
Chlorodibromomethane	25.0	30.0		ug/L		120	70 - 145	3	20
1,2-Dichlorobenzene	25.0	28.0		ug/L		112	70 - 130	3	20
1,3-Dichlorobenzene	25.0	28.4		ug/L		113	70 - 130	1	20
1,4-Dichlorobenzene	25.0	27.8		ug/L		111	70 - 130	0	20
1,3-Dichloropropane	25.0	26.7		ug/L		107	70 - 130	1	20
1,1-Dichloropropene	25.0	26.3		ug/L		105	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	25.9		ug/L		104	70 - 136	5	20
Ethylene Dibromide	25.0	27.0		ug/L		108	70 - 130	1	20
Dibromomethane	25.0	26.6		ug/L		106	70 - 130	0	20
Dichlorodifluoromethane	25.0	23.9		ug/L		96	34 - 132	1	20
1,1-Dichloroethane	25.0	24.3		ug/L		97	70 - 130	1	20
1,2-Dichloroethane	25.0	24.9		ug/L		99	61 - 132	2	20
1,1-Dichloroethene	25.0	22.2		ug/L		89	64 - 128	0	20
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	68 - 130	1	20
1,2-Dichloropropane	25.0	23.8		ug/L		95	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	27.3		ug/L		109	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	29.8		ug/L		119	70 - 140	1	20
Ethylbenzene	25.0	25.3		ug/L		101	80 - 120	2	20

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

Lab Sample ID: LCSD 720-153040/6
Matrix: Water
Analysis Batch: 153040

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	29.1		ug/L		116	70 - 130	3	20
2-Hexanone	125	116		ug/L		93	60 - 164	2	20
Isopropylbenzene	25.0	27.2		ug/L		109	70 - 130	2	20
4-Isopropyltoluene	25.0	27.9		ug/L		112	70 - 130	2	20
Methylene Chloride	25.0	23.0		ug/L		92	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	58 - 130	3	20
Naphthalene	25.0	27.9		ug/L		112	70 - 130	5	20
N-Propylbenzene	25.0	26.5		ug/L		106	70 - 130	1	20
Styrene	25.0	26.8		ug/L		107	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	27.9		ug/L		112	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	26.8		ug/L		107	70 - 130	3	20
Tetrachloroethene	25.0	26.9		ug/L		108	70 - 130	0	20
Toluene	25.0	23.9		ug/L		96	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	29.6		ug/L		118	70 - 130	3	20
1,2,4-Trichlorobenzene	25.0	29.5		ug/L		118	70 - 130	3	20
1,1,1-Trichloroethane	25.0	26.9		ug/L		107	70 - 130	0	20
1,1,2-Trichloroethane	25.0	27.1		ug/L		109	70 - 130	1	20
Trichloroethene	25.0	25.6		ug/L		102	70 - 130	0	20
Trichlorofluoromethane	25.0	29.1		ug/L		116	66 - 132	1	20
1,2,3-Trichloropropane	25.0	27.4		ug/L		110	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.0		ug/L		92	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	27.3		ug/L		109	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	27.1		ug/L		109	70 - 130	1	20
Vinyl acetate	25.0	25.3		ug/L		101	43 - 163	4	20
Vinyl chloride	25.0	24.7		ug/L		99	54 - 135	1	20
m-Xylene & p-Xylene	50.0	50.3		ug/L		101	70 - 142	1	20
o-Xylene	25.0	26.5		ug/L		106	70 - 130	2	20
2,2-Dichloropropane	25.0	29.2		ug/L		117	70 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-153040/8
Matrix: Water
Analysis Batch: 153040

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	460		ug/L		92	62 - 120	3	20

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

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

Lab Sample ID: 720-55321-14 MS
Matrix: Water
Analysis Batch: 153040

Client Sample ID: MP-04-3
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	23.6		ug/L		94	60 - 138
Acetone	ND		125	102		ug/L		71	60 - 140
Benzene	ND		25.0	22.9		ug/L		92	60 - 140
Dichlorobromomethane	ND		25.0	26.0		ug/L		104	60 - 140
Bromobenzene	ND		25.0	26.6		ug/L		106	60 - 140
Chlorobromomethane	ND		25.0	25.1		ug/L		100	60 - 140
Bromoform	ND		25.0	26.8		ug/L		107	56 - 140
Bromomethane	ND		25.0	20.7		ug/L		83	23 - 140
2-Butanone (MEK)	ND		125	115		ug/L		92	60 - 140
n-Butylbenzene	ND		25.0	27.6		ug/L		110	60 - 140
sec-Butylbenzene	ND		25.0	26.2		ug/L		104	60 - 140
tert-Butylbenzene	ND		25.0	26.6		ug/L		106	60 - 140
Carbon disulfide	ND		25.0	22.0		ug/L		88	38 - 140
Carbon tetrachloride	ND		25.0	23.7		ug/L		95	60 - 140
Chlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140
Chloroethane	ND		25.0	24.3		ug/L		97	51 - 140
Chloroform	ND		25.0	25.7		ug/L		103	60 - 140
Chloromethane	ND		25.0	18.4		ug/L		74	52 - 140
2-Chlorotoluene	ND		25.0	26.8		ug/L		107	60 - 140
4-Chlorotoluene	ND		25.0	26.5		ug/L		106	60 - 140
Chlorodibromomethane	ND		25.0	27.8		ug/L		111	60 - 140
1,2-Dichlorobenzene	ND		25.0	26.9		ug/L		107	60 - 140
1,3-Dichlorobenzene	ND		25.0	27.8		ug/L		111	60 - 140
1,4-Dichlorobenzene	ND		25.0	27.5		ug/L		110	60 - 140
1,3-Dichloropropane	ND		25.0	25.2		ug/L		101	60 - 140
1,1-Dichloropropene	ND		25.0	25.0		ug/L		100	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	23.0		ug/L		92	60 - 140
Ethylene Dibromide	ND		25.0	25.6		ug/L		103	60 - 140
Dibromomethane	ND		25.0	25.2		ug/L		101	60 - 140
Dichlorodifluoromethane	ND		25.0	22.7		ug/L		91	38 - 140
1,1-Dichloroethane	ND		25.0	23.1		ug/L		92	60 - 140
1,2-Dichloroethane	ND		25.0	23.9		ug/L		96	60 - 140
1,1-Dichloroethene	ND		25.0	20.8		ug/L		83	60 - 140
cis-1,2-Dichloroethene	ND		25.0	23.5		ug/L		94	60 - 140
trans-1,2-Dichloroethene	ND		25.0	23.2		ug/L		93	60 - 140
1,2-Dichloropropane	ND		25.0	23.4		ug/L		93	60 - 140
cis-1,3-Dichloropropene	ND		25.0	26.2		ug/L		105	60 - 140
trans-1,3-Dichloropropene	ND		25.0	28.6		ug/L		114	60 - 140
Ethylbenzene	ND		25.0	24.6		ug/L		98	60 - 140
Hexachlorobutadiene	ND		25.0	27.5		ug/L		110	60 - 140
2-Hexanone	ND		125	105		ug/L		80	60 - 140
Isopropylbenzene	ND		25.0	26.4		ug/L		106	60 - 140
4-Isopropyltoluene	ND		25.0	27.0		ug/L		108	60 - 140
Methylene Chloride	ND		25.0	21.2		ug/L		85	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	105		ug/L		84	58 - 130
Naphthalene	ND		25.0	25.3		ug/L		101	56 - 140
N-Propylbenzene	ND		25.0	25.8		ug/L		103	60 - 140
Styrene	ND		25.0	26.5		ug/L		106	60 - 140

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

Lab Sample ID: 720-55321-14 MS
Client Sample ID: MP-04-3
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 153040

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	27.0		ug/L		108	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	24.6		ug/L		99	60 - 140
Tetrachloroethene	ND		25.0	25.8		ug/L		102	60 - 140
Toluene	ND		25.0	23.5		ug/L		94	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	27.9		ug/L		111	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	28.2		ug/L		113	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.7		ug/L		103	60 - 140
1,1,2-Trichloroethane	ND		25.0	26.5		ug/L		106	60 - 140
Trichloroethene	ND		25.0	24.4		ug/L		97	60 - 140
Trichlorofluoromethane	ND		25.0	27.1		ug/L		108	60 - 140
1,2,3-Trichloropropane	ND		25.0	25.5		ug/L		102	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.6		ug/L		87	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.9		ug/L		108	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	26.5		ug/L		106	60 - 140
Vinyl acetate	ND		25.0	24.4		ug/L		98	40 - 140
Vinyl chloride	ND		25.0	23.7		ug/L		95	58 - 140
m-Xylene & p-Xylene	ND		50.0	49.5		ug/L		99	60 - 140
o-Xylene	ND		25.0	25.9		ug/L		104	60 - 140
2,2-Dichloropropane	ND		25.0	29.1		ug/L		117	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 720-55321-14 MSD
Client Sample ID: MP-04-3
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 153040

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	24.6		ug/L		98	60 - 138	4	20
Acetone	ND		125	104		ug/L		72	60 - 140	2	20
Benzene	ND		25.0	23.7		ug/L		95	60 - 140	4	20
Dichlorobromomethane	ND		25.0	26.7		ug/L		107	60 - 140	2	20
Bromobenzene	ND		25.0	27.0		ug/L		108	60 - 140	1	20
Chlorobromomethane	ND		25.0	26.0		ug/L		104	60 - 140	4	20
Bromoform	ND		25.0	26.6		ug/L		106	56 - 140	1	20
Bromomethane	ND		25.0	22.9		ug/L		92	23 - 140	10	20
2-Butanone (MEK)	ND		125	117		ug/L		94	60 - 140	2	20
n-Butylbenzene	ND		25.0	27.8		ug/L		111	60 - 140	1	20
sec-Butylbenzene	ND		25.0	26.7		ug/L		106	60 - 140	2	20
tert-Butylbenzene	ND		25.0	27.7		ug/L		111	60 - 140	4	20
Carbon disulfide	ND		25.0	22.8		ug/L		91	38 - 140	3	20
Carbon tetrachloride	ND		25.0	24.0		ug/L		96	60 - 140	1	20
Chlorobenzene	ND		25.0	26.2		ug/L		105	60 - 140	3	20
Chloroethane	ND		25.0	26.8		ug/L		107	51 - 140	10	20
Chloroform	ND		25.0	26.8		ug/L		107	60 - 140	4	20

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

Lab Sample ID: 720-55321-14 MSD **Client Sample ID: MP-04-3**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 153040

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	2	20
2-Chlorotoluene	ND		25.0	27.8		ug/L		111	60 - 140	4	20
4-Chlorotoluene	ND		25.0	27.3		ug/L		109	60 - 140	3	20
Chlorodibromomethane	ND		25.0	28.9		ug/L		116	60 - 140	4	20
1,2-Dichlorobenzene	ND		25.0	28.1		ug/L		112	60 - 140	4	20
1,3-Dichlorobenzene	ND		25.0	28.8		ug/L		115	60 - 140	4	20
1,4-Dichlorobenzene	ND		25.0	27.9		ug/L		111	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	25.6		ug/L		102	60 - 140	1	20
1,1-Dichloropropene	ND		25.0	25.5		ug/L		102	60 - 140	2	20
1,2-Dibromo-3-Chloropropane	ND		25.0	23.6		ug/L		95	60 - 140	3	20
Ethylene Dibromide	ND		25.0	26.8		ug/L		107	60 - 140	4	20
Dibromomethane	ND		25.0	25.6		ug/L		102	60 - 140	2	20
Dichlorodifluoromethane	ND		25.0	23.3		ug/L		93	38 - 140	3	20
1,1-Dichloroethane	ND		25.0	24.0		ug/L		96	60 - 140	4	20
1,2-Dichloroethane	ND		25.0	24.3		ug/L		97	60 - 140	2	20
1,1-Dichloroethene	ND		25.0	21.4		ug/L		85	60 - 140	3	20
cis-1,2-Dichloroethene	ND		25.0	24.5		ug/L		98	60 - 140	4	20
trans-1,2-Dichloroethene	ND		25.0	24.2		ug/L		97	60 - 140	4	20
1,2-Dichloropropane	ND		25.0	24.1		ug/L		96	60 - 140	3	20
cis-1,3-Dichloropropene	ND		25.0	26.8		ug/L		107	60 - 140	2	20
trans-1,3-Dichloropropene	ND		25.0	28.5		ug/L		114	60 - 140	0	20
Ethylbenzene	ND		25.0	25.3		ug/L		101	60 - 140	3	20
Hexachlorobutadiene	ND		25.0	28.0		ug/L		112	60 - 140	2	20
2-Hexanone	ND		125	105		ug/L		80	60 - 140	0	20
Isopropylbenzene	ND		25.0	26.8		ug/L		107	60 - 140	2	20
4-Isopropyltoluene	ND		25.0	27.5		ug/L		110	60 - 140	2	20
Methylene Chloride	ND		25.0	22.0		ug/L		88	40 - 140	3	20
4-Methyl-2-pentanone (MIBK)	ND		125	105		ug/L		84	58 - 130	0	20
Naphthalene	ND		25.0	26.3		ug/L		105	56 - 140	4	20
N-Propylbenzene	ND		25.0	26.7		ug/L		107	60 - 140	3	20
Styrene	ND		25.0	26.7		ug/L		107	60 - 140	1	20
1,1,1,2-Tetrachloroethane	ND		25.0	27.8		ug/L		111	60 - 140	3	20
1,1,2,2-Tetrachloroethane	ND		25.0	25.4		ug/L		102	60 - 140	3	20
Tetrachloroethene	ND		25.0	27.1		ug/L		107	60 - 140	5	20
Toluene	ND		25.0	24.3		ug/L		97	60 - 140	3	20
1,2,3-Trichlorobenzene	ND		25.0	28.4		ug/L		113	60 - 140	2	20
1,2,4-Trichlorobenzene	ND		25.0	29.3		ug/L		117	60 - 140	4	20
1,1,1-Trichloroethane	ND		25.0	26.2		ug/L		105	60 - 140	2	20
1,1,2-Trichloroethane	ND		25.0	26.6		ug/L		106	60 - 140	0	20
Trichloroethene	ND		25.0	24.9		ug/L		99	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	28.9		ug/L		116	60 - 140	6	20
1,2,3-Trichloropropane	ND		25.0	26.0		ug/L		104	60 - 140	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.6		ug/L		86	60 - 140	0	20
1,2,4-Trimethylbenzene	ND		25.0	27.6		ug/L		110	60 - 140	3	20
1,3,5-Trimethylbenzene	ND		25.0	27.3		ug/L		109	60 - 140	3	20
Vinyl acetate	ND		25.0	24.6		ug/L		98	40 - 140	1	20
Vinyl chloride	ND		25.0	24.7		ug/L		99	58 - 140	4	20

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

Lab Sample ID: 720-55321-14 MSD
Matrix: Water
Analysis Batch: 153040

Client Sample ID: MP-04-3
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		50.0	50.7		ug/L		101	60 - 140	2	20
o-Xylene	ND		25.0	26.6		ug/L		106	60 - 140	3	20
2,2-Dichloropropane	ND		25.0	28.8		ug/L		115	60 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

GC/MS VOA

Analysis Batch: 153039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55321-1	TB020514-1	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-2	TB020514-2	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-3	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-3 MS	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-3 MSD	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-4	MP-03-2	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-5	MP-03-1	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-6	MP-01-2	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-7	MP-01-3	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-153039/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-153039/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-153039/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-153039/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-153039/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 153040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55321-8	MW-01	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-9	MP-02-1	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-10	MW-03	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-11	MW-300	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-12	MP-04-1	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-13	MP-04-2	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-14	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-14 MS	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-14 MSD	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-15	MP-03-3	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-153040/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-153040/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-153040/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 153040 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-153040/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-153040/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Client Sample ID: TB020514-1

Lab Sample ID: 720-55321-1

Date Collected: 02/05/14 08:00

Date Received: 02/05/14 18:00

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	153039	02/06/14 12:12	PDR	TAL PLS

Client Sample ID: TB020514-2

Lab Sample ID: 720-55321-2

Date Collected: 02/05/14 08:10

Date Received: 02/05/14 18:00

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	153039	02/06/14 12:41	PDR	TAL PLS

Client Sample ID: MP-01-1

Lab Sample ID: 720-55321-3

Date Collected: 02/05/14 08:45

Date Received: 02/05/14 18:00

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	153039	02/06/14 16:03	PDR	TAL PLS

Client Sample ID: MP-03-2

Lab Sample ID: 720-55321-4

Date Collected: 02/05/14 09:15

Date Received: 02/05/14 18:00

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	153039	02/06/14 16:32	PDR	TAL PLS

Client Sample ID: MP-03-1

Lab Sample ID: 720-55321-5

Date Collected: 02/05/14 09:45

Date Received: 02/05/14 18:00

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	153039	02/06/14 17:01	PDR	TAL PLS

Client Sample ID: MP-01-2

Lab Sample ID: 720-55321-6

Date Collected: 02/05/14 09:48

Date Received: 02/05/14 18:00

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	153039	02/06/14 17:30	PDR	TAL PLS

Client Sample ID: MP-01-3
Date Collected: 02/05/14 10:50
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-7
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	153039	02/06/14 17:58	PDR	TAL PLS

Client Sample ID: MW-01
Date Collected: 02/05/14 11:00
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-8
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	153040	02/06/14 12:44	PDR	TAL PLS

Client Sample ID: MP-02-1
Date Collected: 02/05/14 12:18
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-9
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	153040	02/06/14 13:10	PDR	TAL PLS

Client Sample ID: MW-03
Date Collected: 02/05/14 12:25
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-10
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	153040	02/06/14 13:36	PDR	TAL PLS

Client Sample ID: MW-300
Date Collected: 02/05/14 12:30
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-11
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	153040	02/06/14 14:02	PDR	TAL PLS

Client Sample ID: MP-04-1
Date Collected: 02/05/14 13:00
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55321-12
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	153040	02/06/14 14:28	PDR	TAL PLS

Client Sample ID: MP-04-2

Lab Sample ID: 720-55321-13

Date Collected: 02/05/14 13:15

Matrix: Water

Date Received: 02/05/14 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153040	02/06/14 14:54	PDR	TAL PLS

Client Sample ID: MP-04-3

Lab Sample ID: 720-55321-14

Date Collected: 02/05/14 13:25

Matrix: Water

Date Received: 02/05/14 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153040	02/06/14 12:18	PDR	TAL PLS

Client Sample ID: MP-03-3

Lab Sample ID: 720-55321-15

Date Collected: 02/05/14 13:55

Matrix: Water

Date Received: 02/05/14 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153040	02/06/14 15:20	PDR	TAL PLS

Laboratory References:

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

Certification Summary

Laboratory: TestAmerica Pleasanton

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

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

Method Summary

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

TestAmerica Job ID: 720-55321-1

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: 720-55321-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-55321-1	TB020514-1	Water	02/05/14 08:00	02/05/14 18:00
720-55321-2	TB020514-2	Water	02/05/14 08:10	02/05/14 18:00
720-55321-3	MP-01-1	Water	02/05/14 08:45	02/05/14 18:00
720-55321-4	MP-03-2	Water	02/05/14 09:15	02/05/14 18:00
720-55321-5	MP-03-1	Water	02/05/14 09:45	02/05/14 18:00
720-55321-6	MP-01-2	Water	02/05/14 09:48	02/05/14 18:00
720-55321-7	MP-01-3	Water	02/05/14 10:50	02/05/14 18:00
720-55321-8	MW-01	Water	02/05/14 11:00	02/05/14 18:00
720-55321-9	MP-02-1	Water	02/05/14 12:18	02/05/14 18:00
720-55321-10	MW-03	Water	02/05/14 12:25	02/05/14 18:00
720-55321-11	MW-300	Water	02/05/14 12:30	02/05/14 18:00
720-55321-12	MP-04-1	Water	02/05/14 13:00	02/05/14 18:00
720-55321-13	MP-04-2	Water	02/05/14 13:15	02/05/14 18:00
720-55321-14	MP-04-3	Water	02/05/14 13:25	02/05/14 18:00
720-55321-15	MP-03-3	Water	02/05/14 13:55	02/05/14 18:00

1/2

Seq. No. 1158

Lab: Test America

1465 North McDowell Blvd.
Suite 200
Petaluma, CA 94954
(707) 793-3800

CHAIN OF CUSTODY FORM

amec

Samplers: David Allbut
510-847-8411

720-55321

151635

Job Number: OD1016C070.00008.A

Name/Location: Crown Chevy 7544 Dublin Blvd. Dublin, CA

Project Manager: Avery Whitmarsh
510-663-4154

Recorder: David Allbut (Signature Required)

MATRIX				# CONTAINERS							DATE				STATION DESCRIPTION		ANALYSIS REQUESTED		
Water	Soil	Air		Unpres.	H2SO4	HNO3	HCL			SAMPLE NUMBER	YR	MO	DAY	TIME		DEPTH	8260B +TPHg	8270	TITLE 22 METALS
W							3			TB020514-1	14	02	05	0800			x		
W							3			TB020514-2	14	02	05	0810			X		
W							3			MP-01-1	14	02	05	0845			X		
W							3			MP-03-2	14	02	05	0915			X		
W							3			MP-03-1	14	02	05	0945			X		
W							3			MP-01-2	14	02	05	0948			X		
W							3			MP-01-3	14	02	05	1050			X		
W							3			MW-01	14	02	05	1100			X		
W							3			MP-02-1	14	02	05	1218			X		
W							3			MW-03	14	02	05	1225			X		

ADDITIONAL INFORMATION

REPORT TO: avery.whitmarsh@amec.com
david.allbut@amec.com

PO#: C0122 02707

TAT: Standard

Comments: Field Filtered Y/N

720-55321 Chain of Custody

CHAIN OF CUSTODY RECORD

Signature	(Print Name)	(Company)	(Date/Time)
Relinquished By (Signature): David Allbut	David Allbut	AMEC	2/5/14/1800
Received By (Signature): Loren Muller	Muller	TestAmerica	2-5-14 1800
Relinquished By (Signature)			
Received By (Signature):			
Relinquished By (Signature)			
Received By (Signature):			

Method of Shipment:

3.2c

White - Laboratory Copy Yellow - Project Office Copy Pink - Field or Office Copy

F1008-E

2/2 151635

amec

CHAIN OF CUSTODY FORM

Seq. No. 1161

Lab: Test America

1465 North McDowell Blvd.
Suite 200
Petaluma, CA 94954
(707) 793-3800

Samplers: D. Allbut

720-55321

Job Number: OD10160070.00008.A

Name/Location: Crown Chevy 7544 Dublin Blvd. Dublin, CA

Project Manager: Avery Whitmarsh
510 663-4154

Recorder: David Allbut
(Signature Required)

MATRIX			# CONTAINERS					DATE				STATION DESCRIPTION		ANALYSIS REQUESTED		
Water	Soil	Air	Unpres.	H2SO4	HNO3	HCL	SAMPLE NUMBER	YR	MO	DAY	TIME		DEPTH	8260B + TPHg	8270	TITLE 22 METALS
W						3	MW-300	14	02	05	1230			X		
W						3	MP-04-1	14	02	05	1300			X		
W						3	MP-04-2	14	02	05	1315			X		
W						9	MP-04-3	14	02	05	1325			X		
W						3	MP-03-3	14	02	05	1355			X		

ADDITIONAL INFORMATION

REPORT TO: averywhitmarsh@amec.com
davidallbut@amec.com

PO#: C0122027O7

TAT: Standard

Comments: Field Filtered Y/N

CHAIN OF CUSTODY RECORD

Relinquished By (Signature)	(Print Name)	(Company)	(Date/Time)
David Allbut	David Allbut	AMEC	2/5/14 / 1800

Received By (Signature):	(Print Name)	(Company)	(Date/Time)
Loren Muller	Muller	TestAmerica	2-5-14 1800

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:

3.2°

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2/12/2014

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-55321-1

Login Number: 55321
List Number: 1
Creator: Gonzales, Justinn

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: 720-55324-1
Client Project/Site: Crown Chevrolet

For:
AMEC Environment & Infrastructure, Inc.
2101 Webster Street, 12th Floor
Oakland, California 94612

Attn: Avery Whitmarsh

Authorized for release by:
2/10/2014 3:43:21 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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Job ID: 720-55324-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-55324-1

Comments

No additional comments.

Receipt

The samples were received on 2/5/2014 6:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

GC/MS VOA

No analytical or quality issues were noted.

Detection Summary

Client Sample ID: MP-02-3

Lab Sample ID: 720-55324-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.97		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-02

Lab Sample ID: 720-55324-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.6		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	5.9		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	5.3		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-2

Lab Sample ID: 720-55324-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.50		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	2.8		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

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

Client Sample ID: MP-02-3
Date Collected: 02/05/14 14:24
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55324-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 15:46	1
Acetone	ND		50		ug/L			02/06/14 15:46	1
Benzene	ND		0.50		ug/L			02/06/14 15:46	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 15:46	1
Bromobenzene	ND		1.0		ug/L			02/06/14 15:46	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 15:46	1
Bromoform	ND		1.0		ug/L			02/06/14 15:46	1
Bromomethane	ND		1.0		ug/L			02/06/14 15:46	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 15:46	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 15:46	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 15:46	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 15:46	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 15:46	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 15:46	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 15:46	1
Chloroethane	ND		1.0		ug/L			02/06/14 15:46	1
Chloroform	ND		1.0		ug/L			02/06/14 15:46	1
Chloromethane	ND		1.0		ug/L			02/06/14 15:46	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 15:46	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 15:46	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 15:46	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 15:46	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 15:46	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 15:46	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 15:46	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 15:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 15:46	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 15:46	1
Dibromomethane	ND		0.50		ug/L			02/06/14 15:46	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 15:46	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 15:46	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 15:46	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 15:46	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 15:46	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 15:46	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 15:46	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 15:46	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 15:46	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 15:46	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 15:46	1
2-Hexanone	ND		50		ug/L			02/06/14 15:46	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 15:46	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 15:46	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 15:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 15:46	1
Naphthalene	ND		1.0		ug/L			02/06/14 15:46	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 15:46	1
Styrene	ND		0.50		ug/L			02/06/14 15:46	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 15:46	1

Client Sample Results

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

Client Sample ID: MP-02-3
Date Collected: 02/05/14 14:24
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55324-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 15:46	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 15:46	1
Toluene	ND		0.50		ug/L			02/06/14 15:46	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 15:46	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 15:46	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 15:46	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 15:46	1
Trichloroethene	**0.97**		0.50		ug/L			02/06/14 15:46	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 15:46	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 15:46	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 15:46	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 15:46	1
Vinyl acetate	ND		10		ug/L			02/06/14 15:46	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 15:46	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 15:46	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 15:46	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*02/06/14 15:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 130*		*02/06/14 15:46*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*02/06/14 15:46*	*1*

Client Sample ID: MW-02
Date Collected: 02/05/14 15:25
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55324-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 16:12	1
Acetone	ND		50		ug/L			02/06/14 16:12	1
Benzene	ND		0.50		ug/L			02/06/14 16:12	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 16:12	1
Bromobenzene	ND		1.0		ug/L			02/06/14 16:12	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 16:12	1
Bromoform	ND		1.0		ug/L			02/06/14 16:12	1
Bromomethane	ND		1.0		ug/L			02/06/14 16:12	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 16:12	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 16:12	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 16:12	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 16:12	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 16:12	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 16:12	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 16:12	1
Chloroethane	ND		1.0		ug/L			02/06/14 16:12	1
Chloroform	ND		1.0		ug/L			02/06/14 16:12	1
Chloromethane	ND		1.0		ug/L			02/06/14 16:12	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 16:12	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 16:12	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 16:12	1

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

Client Sample ID: MW-02
Date Collected: 02/05/14 15:25
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55324-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:12	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:12	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:12	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 16:12	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 16:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 16:12	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 16:12	1
Dibromomethane	ND		0.50		ug/L			02/06/14 16:12	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 16:12	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 16:12	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 16:12	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 16:12	1
cis-1,2-Dichloroethene	**1.6**		0.50		ug/L			02/06/14 16:12	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 16:12	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 16:12	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 16:12	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 16:12	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 16:12	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 16:12	1
2-Hexanone	ND		50		ug/L			02/06/14 16:12	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 16:12	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 16:12	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 16:12	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 16:12	1
Naphthalene	ND		1.0		ug/L			02/06/14 16:12	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 16:12	1
Styrene	ND		0.50		ug/L			02/06/14 16:12	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 16:12	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 16:12	1
Tetrachloroethene	**5.9**		0.50		ug/L			02/06/14 16:12	1
Toluene	ND		0.50		ug/L			02/06/14 16:12	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 16:12	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 16:12	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 16:12	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 16:12	1
Trichloroethene	**5.3**		0.50		ug/L			02/06/14 16:12	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 16:12	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 16:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 16:12	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 16:12	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 16:12	1
Vinyl acetate	ND		10		ug/L			02/06/14 16:12	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 16:12	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 16:12	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 16:12	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*02/06/14 16:12*	*1*

Client Sample Results

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

Client Sample ID: MW-02
Date Collected: 02/05/14 15:25
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55324-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*		*02/06/14 16:12*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/06/14 16:12*	*1*

Client Sample ID: MP-02-2
Date Collected: 02/05/14 14:39
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55324-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 16:38	1
Acetone	ND		50		ug/L			02/06/14 16:38	1
Benzene	ND		0.50		ug/L			02/06/14 16:38	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 16:38	1
Bromobenzene	ND		1.0		ug/L			02/06/14 16:38	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 16:38	1
Bromoform	ND		1.0		ug/L			02/06/14 16:38	1
Bromomethane	ND		1.0		ug/L			02/06/14 16:38	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 16:38	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 16:38	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 16:38	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 16:38	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 16:38	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 16:38	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 16:38	1
Chloroethane	ND		1.0		ug/L			02/06/14 16:38	1
Chloroform	ND		1.0		ug/L			02/06/14 16:38	1
Chloromethane	ND		1.0		ug/L			02/06/14 16:38	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 16:38	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 16:38	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 16:38	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:38	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:38	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 16:38	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 16:38	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 16:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 16:38	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 16:38	1
Dibromomethane	ND		0.50		ug/L			02/06/14 16:38	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 16:38	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 16:38	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 16:38	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 16:38	1
cis-1,2-Dichloroethene	**0.50**		0.50		ug/L			02/06/14 16:38	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 16:38	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 16:38	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 16:38	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 16:38	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 16:38	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 16:38	1
2-Hexanone	ND		50		ug/L			02/06/14 16:38	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 16:38	1

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

Client Sample ID: MP-02-2
Date Collected: 02/05/14 14:39
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55324-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 16:38	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 16:38	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 16:38	1
Naphthalene	ND		1.0		ug/L			02/06/14 16:38	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 16:38	1
Styrene	ND		0.50		ug/L			02/06/14 16:38	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 16:38	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 16:38	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 16:38	1
Toluene	ND		0.50		ug/L			02/06/14 16:38	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 16:38	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 16:38	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 16:38	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 16:38	1
Trichloroethene	**2.8**		0.50		ug/L			02/06/14 16:38	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 16:38	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 16:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 16:38	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 16:38	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 16:38	1
Vinyl acetate	ND		10		ug/L			02/06/14 16:38	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 16:38	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 16:38	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 16:38	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*02/06/14 16:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*02/06/14 16:38*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/06/14 16:38*	*1*

QC Sample Results

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

Lab Sample ID: MB 720-153040/4
Matrix: Water
Analysis Batch: 153040

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			02/06/14 09:16	1
Acetone	ND		50		ug/L			02/06/14 09:16	1
Benzene	ND		0.50		ug/L			02/06/14 09:16	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 09:16	1
Bromobenzene	ND		1.0		ug/L			02/06/14 09:16	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 09:16	1
Bromoform	ND		1.0		ug/L			02/06/14 09:16	1
Bromomethane	ND		1.0		ug/L			02/06/14 09:16	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 09:16	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 09:16	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 09:16	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
Chloroethane	ND		1.0		ug/L			02/06/14 09:16	1
Chloroform	ND		1.0		ug/L			02/06/14 09:16	1
Chloromethane	ND		1.0		ug/L			02/06/14 09:16	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 09:16	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 09:16	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 09:16	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 09:16	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 09:16	1
Dibromomethane	ND		0.50		ug/L			02/06/14 09:16	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 09:16	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 09:16	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 09:16	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 09:16	1
2-Hexanone	ND		50		ug/L			02/06/14 09:16	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 09:16	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 09:16	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 09:16	1
Naphthalene	ND		1.0		ug/L			02/06/14 09:16	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
Styrene	ND		0.50		ug/L			02/06/14 09:16	1

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

Lab Sample ID: MB 720-153040/4
Matrix: Water
Analysis Batch: 153040

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			02/06/14 09:16	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 09:16	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 09:16	1
Toluene	ND		0.50		ug/L			02/06/14 09:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 09:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 09:16	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
Trichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 09:16	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 09:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
Vinyl acetate	ND		10		ug/L			02/06/14 09:16	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 09:16	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 09:16	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 09:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*02/06/14 09:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*		*02/06/14 09:16*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/06/14 09:16*	*1*

Lab Sample ID: LCS 720-153040/5
Matrix: Water
Analysis Batch: 153040

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	25.5		ug/L		102	62 - 130
Acetone	125	120		ug/L		96	26 - 180
Benzene	25.0	23.9		ug/L		96	79 - 130
Dichlorobromomethane	25.0	26.6		ug/L		106	70 - 130
Bromobenzene	25.0	27.0		ug/L		108	70 - 130
Chlorobromomethane	25.0	26.7		ug/L		107	70 - 130
Bromoform	25.0	27.3		ug/L		109	68 - 136
Bromomethane	25.0	25.8		ug/L		103	43 - 151
2-Butanone (MEK)	125	124		ug/L		99	54 - 130
n-Butylbenzene	25.0	27.9		ug/L		111	70 - 142
sec-Butylbenzene	25.0	26.7		ug/L		107	70 - 134
tert-Butylbenzene	25.0	27.1		ug/L		108	70 - 135
Carbon disulfide	25.0	21.2		ug/L		85	58 - 130
Carbon tetrachloride	25.0	25.9		ug/L		104	70 - 146
Chlorobenzene	25.0	25.5		ug/L		102	70 - 130
Chloroethane	25.0	25.2		ug/L		101	62 - 138
Chloroform	25.0	26.7		ug/L		107	70 - 130

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

Lab Sample ID: LCS 720-153040/5
Matrix: Water
Analysis Batch: 153040

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	22.1		ug/L		89	52 - 175
2-Chlorotoluene	25.0	27.1		ug/L		108	70 - 130
4-Chlorotoluene	25.0	26.8		ug/L		107	70 - 130
Chlorodibromomethane	25.0	29.0		ug/L		116	70 - 145
1,2-Dichlorobenzene	25.0	27.1		ug/L		109	70 - 130
1,3-Dichlorobenzene	25.0	28.1		ug/L		112	70 - 130
1,4-Dichlorobenzene	25.0	27.6		ug/L		111	70 - 130
1,3-Dichloropropane	25.0	26.6		ug/L		106	70 - 130
1,1-Dichloropropene	25.0	26.2		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		98	70 - 136
Ethylene Dibromide	25.0	27.3		ug/L		109	70 - 130
Dibromomethane	25.0	26.5		ug/L		106	70 - 130
Dichlorodifluoromethane	25.0	24.1		ug/L		96	34 - 132
1,1-Dichloroethane	25.0	24.0		ug/L		96	70 - 130
1,2-Dichloroethane	25.0	25.3		ug/L		101	61 - 132
1,1-Dichloroethene	25.0	22.3		ug/L		89	64 - 128
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	70 - 130
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	68 - 130
1,2-Dichloropropane	25.0	24.0		ug/L		96	70 - 130
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	70 - 130
trans-1,3-Dichloropropene	25.0	29.6		ug/L		118	70 - 140
Ethylbenzene	25.0	24.7		ug/L		99	80 - 120
Hexachlorobutadiene	25.0	28.2		ug/L		113	70 - 130
2-Hexanone	125	118		ug/L		94	60 - 164
Isopropylbenzene	25.0	26.6		ug/L		106	70 - 130
4-Isopropyltoluene	25.0	27.2		ug/L		109	70 - 130
Methylene Chloride	25.0	23.0		ug/L		92	70 - 147
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	58 - 130
Naphthalene	25.0	26.7		ug/L		107	70 - 130
N-Propylbenzene	25.0	26.3		ug/L		105	70 - 130
Styrene	25.0	26.3		ug/L		105	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.2		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		104	70 - 130
Tetrachloroethene	25.0	26.8		ug/L		107	70 - 130
Toluene	25.0	23.6		ug/L		94	78 - 120
1,2,3-Trichlorobenzene	25.0	28.6		ug/L		114	70 - 130
1,2,4-Trichlorobenzene	25.0	28.7		ug/L		115	70 - 130
1,1,1-Trichloroethane	25.0	26.8		ug/L		107	70 - 130
1,1,2-Trichloroethane	25.0	27.5		ug/L		110	70 - 130
Trichloroethene	25.0	25.5		ug/L		102	70 - 130
Trichlorofluoromethane	25.0	28.9		ug/L		116	66 - 132
1,2,3-Trichloropropane	25.0	27.0		ug/L		108	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		92	42 - 162
1,2,4-Trimethylbenzene	25.0	27.2		ug/L		109	70 - 132
1,3,5-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 130
Vinyl acetate	25.0	26.2		ug/L		105	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 720-153040/5
Matrix: Water
Analysis Batch: 153040

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	50.0	49.7		ug/L		99	70 - 142
o-Xylene	25.0	26.0		ug/L		104	70 - 130
2,2-Dichloropropane	25.0	29.4		ug/L		118	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCS 720-153040/7
Matrix: Water
Analysis Batch: 153040

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	475		ug/L		95	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-153040/6
Matrix: Water
Analysis Batch: 153040

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	25.2		ug/L		101	62 - 130	1	20
Acetone	125	117		ug/L		93	26 - 180	3	30
Benzene	25.0	24.1		ug/L		96	79 - 130	1	20
Dichlorobromomethane	25.0	27.0		ug/L		108	70 - 130	2	20
Bromobenzene	25.0	26.8		ug/L		107	70 - 130	1	20
Chlorobromomethane	25.0	26.7		ug/L		107	70 - 130	0	20
Bromoform	25.0	28.3		ug/L		113	68 - 136	3	20
Bromomethane	25.0	26.5		ug/L		106	43 - 151	2	20
2-Butanone (MEK)	125	129		ug/L		103	54 - 130	4	20
n-Butylbenzene	25.0	28.3		ug/L		113	70 - 142	1	20
sec-Butylbenzene	25.0	27.2		ug/L		109	70 - 134	2	20
tert-Butylbenzene	25.0	27.6		ug/L		110	70 - 135	2	20
Carbon disulfide	25.0	21.2		ug/L		85	58 - 130	0	20
Carbon tetrachloride	25.0	26.3		ug/L		105	70 - 146	1	20
Chlorobenzene	25.0	26.1		ug/L		104	70 - 130	2	20
Chloroethane	25.0	26.2		ug/L		105	62 - 138	4	20
Chloroform	25.0	26.6		ug/L		107	70 - 130	0	20
Chloromethane	25.0	22.0		ug/L		88	52 - 175	1	20
2-Chlorotoluene	25.0	27.4		ug/L		110	70 - 130	1	20
4-Chlorotoluene	25.0	27.0		ug/L		108	70 - 130	1	20
Chlorodibromomethane	25.0	30.0		ug/L		120	70 - 145	3	20

QC Sample Results

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

Lab Sample ID: LCSD 720-153040/6
Matrix: Water
Analysis Batch: 153040

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	28.0		ug/L		112	70 - 130	3	20
1,3-Dichlorobenzene	25.0	28.4		ug/L		113	70 - 130	1	20
1,4-Dichlorobenzene	25.0	27.8		ug/L		111	70 - 130	0	20
1,3-Dichloropropane	25.0	26.7		ug/L		107	70 - 130	1	20
1,1-Dichloropropene	25.0	26.3		ug/L		105	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	25.9		ug/L		104	70 - 136	5	20
Ethylene Dibromide	25.0	27.0		ug/L		108	70 - 130	1	20
Dibromomethane	25.0	26.6		ug/L		106	70 - 130	0	20
Dichlorodifluoromethane	25.0	23.9		ug/L		96	34 - 132	1	20
1,1-Dichloroethane	25.0	24.3		ug/L		97	70 - 130	1	20
1,2-Dichloroethane	25.0	24.9		ug/L		99	61 - 132	2	20
1,1-Dichloroethene	25.0	22.2		ug/L		89	64 - 128	0	20
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	68 - 130	1	20
1,2-Dichloropropane	25.0	23.8		ug/L		95	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	27.3		ug/L		109	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	29.8		ug/L		119	70 - 140	1	20
Ethylbenzene	25.0	25.3		ug/L		101	80 - 120	2	20
Hexachlorobutadiene	25.0	29.1		ug/L		116	70 - 130	3	20
2-Hexanone	125	116		ug/L		93	60 - 164	2	20
Isopropylbenzene	25.0	27.2		ug/L		109	70 - 130	2	20
4-Isopropyltoluene	25.0	27.9		ug/L		112	70 - 130	2	20
Methylene Chloride	25.0	23.0		ug/L		92	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	58 - 130	3	20
Naphthalene	25.0	27.9		ug/L		112	70 - 130	5	20
N-Propylbenzene	25.0	26.5		ug/L		106	70 - 130	1	20
Styrene	25.0	26.8		ug/L		107	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	27.9		ug/L		112	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	26.8		ug/L		107	70 - 130	3	20
Tetrachloroethene	25.0	26.9		ug/L		108	70 - 130	0	20
Toluene	25.0	23.9		ug/L		96	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	29.6		ug/L		118	70 - 130	3	20
1,2,4-Trichlorobenzene	25.0	29.5		ug/L		118	70 - 130	3	20
1,1,1-Trichloroethane	25.0	26.9		ug/L		107	70 - 130	0	20
1,1,2-Trichloroethane	25.0	27.1		ug/L		109	70 - 130	1	20
Trichloroethene	25.0	25.6		ug/L		102	70 - 130	0	20
Trichlorofluoromethane	25.0	29.1		ug/L		116	66 - 132	1	20
1,2,3-Trichloropropane	25.0	27.4		ug/L		110	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.0		ug/L		92	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	27.3		ug/L		109	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	27.1		ug/L		109	70 - 130	1	20
Vinyl acetate	25.0	25.3		ug/L		101	43 - 163	4	20
Vinyl chloride	25.0	24.7		ug/L		99	54 - 135	1	20
m-Xylene & p-Xylene	50.0	50.3		ug/L		101	70 - 142	1	20
o-Xylene	25.0	26.5		ug/L		106	70 - 130	2	20
2,2-Dichloropropane	25.0	29.2		ug/L		117	70 - 140	1	20

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

Lab Sample ID: LCSD 720-153040/6
Matrix: Water
Analysis Batch: 153040

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-153040/8
Matrix: Water
Analysis Batch: 153040

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	460		ug/L		92	62 - 120	3	20

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

Lab Sample ID: 720-55321-A-14 MS
Matrix: Water
Analysis Batch: 153040

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	23.6		ug/L		94	60 - 138
Acetone	ND		125	102		ug/L		71	60 - 140
Benzene	ND		25.0	22.9		ug/L		92	60 - 140
Dichlorobromomethane	ND		25.0	26.0		ug/L		104	60 - 140
Bromobenzene	ND		25.0	26.6		ug/L		106	60 - 140
Chlorobromomethane	ND		25.0	25.1		ug/L		100	60 - 140
Bromoform	ND		25.0	26.8		ug/L		107	56 - 140
Bromomethane	ND		25.0	20.7		ug/L		83	23 - 140
2-Butanone (MEK)	ND		125	115		ug/L		92	60 - 140
n-Butylbenzene	ND		25.0	27.6		ug/L		110	60 - 140
sec-Butylbenzene	ND		25.0	26.2		ug/L		104	60 - 140
tert-Butylbenzene	ND		25.0	26.6		ug/L		106	60 - 140
Carbon disulfide	ND		25.0	22.0		ug/L		88	38 - 140
Carbon tetrachloride	ND		25.0	23.7		ug/L		95	60 - 140
Chlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140
Chloroethane	ND		25.0	24.3		ug/L		97	51 - 140
Chloroform	ND		25.0	25.7		ug/L		103	60 - 140
Chloromethane	ND		25.0	18.4		ug/L		74	52 - 140
2-Chlorotoluene	ND		25.0	26.8		ug/L		107	60 - 140
4-Chlorotoluene	ND		25.0	26.5		ug/L		106	60 - 140
Chlorodibromomethane	ND		25.0	27.8		ug/L		111	60 - 140
1,2-Dichlorobenzene	ND		25.0	26.9		ug/L		107	60 - 140
1,3-Dichlorobenzene	ND		25.0	27.8		ug/L		111	60 - 140
1,4-Dichlorobenzene	ND		25.0	27.5		ug/L		110	60 - 140
1,3-Dichloropropane	ND		25.0	25.2		ug/L		101	60 - 140
1,1-Dichloropropene	ND		25.0	25.0		ug/L		100	60 - 140

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

Lab Sample ID: 720-55321-A-14 MS
Matrix: Water
Analysis Batch: 153040

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
1,2-Dibromo-3-Chloropropane	ND		25.0	23.0		ug/L		92	60 - 140
Ethylene Dibromide	ND		25.0	25.6		ug/L		103	60 - 140
Dibromomethane	ND		25.0	25.2		ug/L		101	60 - 140
Dichlorodifluoromethane	ND		25.0	22.7		ug/L		91	38 - 140
1,1-Dichloroethane	ND		25.0	23.1		ug/L		92	60 - 140
1,2-Dichloroethane	ND		25.0	23.9		ug/L		96	60 - 140
1,1-Dichloroethene	ND		25.0	20.8		ug/L		83	60 - 140
cis-1,2-Dichloroethene	ND		25.0	23.5		ug/L		94	60 - 140
trans-1,2-Dichloroethene	ND		25.0	23.2		ug/L		93	60 - 140
1,2-Dichloropropane	ND		25.0	23.4		ug/L		93	60 - 140
cis-1,3-Dichloropropene	ND		25.0	26.2		ug/L		105	60 - 140
trans-1,3-Dichloropropene	ND		25.0	28.6		ug/L		114	60 - 140
Ethylbenzene	ND		25.0	24.6		ug/L		98	60 - 140
Hexachlorobutadiene	ND		25.0	27.5		ug/L		110	60 - 140
2-Hexanone	ND		125	105		ug/L		80	60 - 140
Isopropylbenzene	ND		25.0	26.4		ug/L		106	60 - 140
4-Isopropyltoluene	ND		25.0	27.0		ug/L		108	60 - 140
Methylene Chloride	ND		25.0	21.2		ug/L		85	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	105		ug/L		84	58 - 130
Naphthalene	ND		25.0	25.3		ug/L		101	56 - 140
N-Propylbenzene	ND		25.0	25.8		ug/L		103	60 - 140
Styrene	ND		25.0	26.5		ug/L		106	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	27.0		ug/L		108	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	24.6		ug/L		99	60 - 140
Tetrachloroethene	ND		25.0	25.8		ug/L		102	60 - 140
Toluene	ND		25.0	23.5		ug/L		94	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	27.9		ug/L		111	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	28.2		ug/L		113	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.7		ug/L		103	60 - 140
1,1,2-Trichloroethane	ND		25.0	26.5		ug/L		106	60 - 140
Trichloroethene	ND		25.0	24.4		ug/L		97	60 - 140
Trichlorofluoromethane	ND		25.0	27.1		ug/L		108	60 - 140
1,2,3-Trichloropropane	ND		25.0	25.5		ug/L		102	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.6		ug/L		87	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.9		ug/L		108	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	26.5		ug/L		106	60 - 140
Vinyl acetate	ND		25.0	24.4		ug/L		98	40 - 140
Vinyl chloride	ND		25.0	23.7		ug/L		95	58 - 140
m-Xylene & p-Xylene	ND		50.0	49.5		ug/L		99	60 - 140
o-Xylene	ND		25.0	25.9		ug/L		104	60 - 140
2,2-Dichloropropane	ND		25.0	29.1		ug/L		117	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

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

Lab Sample ID: 720-55321-A-14 MSD
Matrix: Water
Analysis Batch: 153040

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	24.6		ug/L		98	60 - 138	4	20
Acetone	ND		125	104		ug/L		72	60 - 140	2	20
Benzene	ND		25.0	23.7		ug/L		95	60 - 140	4	20
Dichlorobromomethane	ND		25.0	26.7		ug/L		107	60 - 140	2	20
Bromobenzene	ND		25.0	27.0		ug/L		108	60 - 140	1	20
Chlorobromomethane	ND		25.0	26.0		ug/L		104	60 - 140	4	20
Bromoform	ND		25.0	26.6		ug/L		106	56 - 140	1	20
Bromomethane	ND		25.0	22.9		ug/L		92	23 - 140	10	20
2-Butanone (MEK)	ND		125	117		ug/L		94	60 - 140	2	20
n-Butylbenzene	ND		25.0	27.8		ug/L		111	60 - 140	1	20
sec-Butylbenzene	ND		25.0	26.7		ug/L		106	60 - 140	2	20
tert-Butylbenzene	ND		25.0	27.7		ug/L		111	60 - 140	4	20
Carbon disulfide	ND		25.0	22.8		ug/L		91	38 - 140	3	20
Carbon tetrachloride	ND		25.0	24.0		ug/L		96	60 - 140	1	20
Chlorobenzene	ND		25.0	26.2		ug/L		105	60 - 140	3	20
Chloroethane	ND		25.0	26.8		ug/L		107	51 - 140	10	20
Chloroform	ND		25.0	26.8		ug/L		107	60 - 140	4	20
Chloromethane	ND		25.0	18.8		ug/L		75	52 - 140	2	20
2-Chlorotoluene	ND		25.0	27.8		ug/L		111	60 - 140	4	20
4-Chlorotoluene	ND		25.0	27.3		ug/L		109	60 - 140	3	20
Chlorodibromomethane	ND		25.0	28.9		ug/L		116	60 - 140	4	20
1,2-Dichlorobenzene	ND		25.0	28.1		ug/L		112	60 - 140	4	20
1,3-Dichlorobenzene	ND		25.0	28.8		ug/L		115	60 - 140	4	20
1,4-Dichlorobenzene	ND		25.0	27.9		ug/L		111	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	25.6		ug/L		102	60 - 140	1	20
1,1-Dichloropropene	ND		25.0	25.5		ug/L		102	60 - 140	2	20
1,2-Dibromo-3-Chloropropane	ND		25.0	23.6		ug/L		95	60 - 140	3	20
Ethylene Dibromide	ND		25.0	26.8		ug/L		107	60 - 140	4	20
Dibromomethane	ND		25.0	25.6		ug/L		102	60 - 140	2	20
Dichlorodifluoromethane	ND		25.0	23.3		ug/L		93	38 - 140	3	20
1,1-Dichloroethane	ND		25.0	24.0		ug/L		96	60 - 140	4	20
1,2-Dichloroethane	ND		25.0	24.3		ug/L		97	60 - 140	2	20
1,1-Dichloroethene	ND		25.0	21.4		ug/L		85	60 - 140	3	20
cis-1,2-Dichloroethene	ND		25.0	24.5		ug/L		98	60 - 140	4	20
trans-1,2-Dichloroethene	ND		25.0	24.2		ug/L		97	60 - 140	4	20
1,2-Dichloropropane	ND		25.0	24.1		ug/L		96	60 - 140	3	20
cis-1,3-Dichloropropene	ND		25.0	26.8		ug/L		107	60 - 140	2	20
trans-1,3-Dichloropropene	ND		25.0	28.5		ug/L		114	60 - 140	0	20
Ethylbenzene	ND		25.0	25.3		ug/L		101	60 - 140	3	20
Hexachlorobutadiene	ND		25.0	28.0		ug/L		112	60 - 140	2	20
2-Hexanone	ND		125	105		ug/L		80	60 - 140	0	20
Isopropylbenzene	ND		25.0	26.8		ug/L		107	60 - 140	2	20
4-Isopropyltoluene	ND		25.0	27.5		ug/L		110	60 - 140	2	20
Methylene Chloride	ND		25.0	22.0		ug/L		88	40 - 140	3	20
4-Methyl-2-pentanone (MIBK)	ND		125	105		ug/L		84	58 - 130	0	20
Naphthalene	ND		25.0	26.3		ug/L		105	56 - 140	4	20
N-Propylbenzene	ND		25.0	26.7		ug/L		107	60 - 140	3	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: 720-55321-A-14 MSD
Matrix: Water
Analysis Batch: 153040

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	27.8		ug/L		111	60 - 140	3	20
1,1,2,2-Tetrachloroethane	ND		25.0	25.4		ug/L		102	60 - 140	3	20
Tetrachloroethene	ND		25.0	27.1		ug/L		107	60 - 140	5	20
Toluene	ND		25.0	24.3		ug/L		97	60 - 140	3	20
1,2,3-Trichlorobenzene	ND		25.0	28.4		ug/L		113	60 - 140	2	20
1,2,4-Trichlorobenzene	ND		25.0	29.3		ug/L		117	60 - 140	4	20
1,1,1-Trichloroethane	ND		25.0	26.2		ug/L		105	60 - 140	2	20
1,1,2-Trichloroethane	ND		25.0	26.6		ug/L		106	60 - 140	0	20
Trichloroethene	ND		25.0	24.9		ug/L		99	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	28.9		ug/L		116	60 - 140	6	20
1,2,3-Trichloropropane	ND		25.0	26.0		ug/L		104	60 - 140	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.6		ug/L		86	60 - 140	0	20
1,2,4-Trimethylbenzene	ND		25.0	27.6		ug/L		110	60 - 140	3	20
1,3,5-Trimethylbenzene	ND		25.0	27.3		ug/L		109	60 - 140	3	20
Vinyl acetate	ND		25.0	24.6		ug/L		98	40 - 140	1	20
Vinyl chloride	ND		25.0	24.7		ug/L		99	58 - 140	4	20
m-Xylene & p-Xylene	ND		50.0	50.7		ug/L		101	60 - 140	2	20
o-Xylene	ND		25.0	26.6		ug/L		106	60 - 140	3	20
2,2-Dichloropropane	ND		25.0	28.8		ug/L		115	60 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

GC/MS VOA

Analysis Batch: 153040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55321-A-14 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
720-55321-A-14 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
720-55324-1	MP-02-3	Total/NA	Water	8260B/CA_LUFT MS	
720-55324-2	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-55324-3	MP-02-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-153040/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-153040/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-153040/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-153040/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-153040/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Client Sample ID: MP-02-3

Lab Sample ID: 720-55324-1
Date Collected: 02/05/14 14:24
Matrix: Water
Date Received: 02/05/14 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153040	02/06/14 15:46	PDR	TAL PLS

Client Sample ID: MW-02

Lab Sample ID: 720-55324-2
Date Collected: 02/05/14 15:25
Matrix: Water
Date Received: 02/05/14 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153040	02/06/14 16:12	PDR	TAL PLS

Client Sample ID: MP-02-2

Lab Sample ID: 720-55324-3
Date Collected: 02/05/14 14:39
Matrix: Water
Date Received: 02/05/14 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153040	02/06/14 16:38	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

TestAmerica Job ID: 720-55324-1

Laboratory: TestAmerica Pleasanton

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

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

Method Summary

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: 720-55324-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-55324-1	MP-02-3	Water	02/05/14 14:24	02/05/14 18:00
720-55324-2	MW-02	Water	02/05/14 15:25	02/05/14 18:00
720-55324-3	MP-02-2	Water	02/05/14 14:39	02/05/14 18:00

Seq. No. 1350

Lab: Test America

1465 North McDowell Blvd.
Suite 200
Petaluma, CA 94954
(707) 793-3800

CHAIN OF CUSTODY FORM

1/1

amec

151634

Samplers: David Albut

720-55324

Job Number: 0P10160070.00003.B

Name/Location: Crown Chevy 7544 Dublin Blvd. Dublin, CA

Project Manager: Avery Whitmarsh

Recorder: D Albut
(Signature Required)

MATRIX				# CONTAINERS						SAMPLE NUMBER	DATE				STATION DESCRIPTION		ANALYSIS REQUESTED		
Water	Soil	Air		Unpres	H2SO4	HNO3	HCL				YR	MO	DAY	TIME		DEPTH	8260B +TPHg	8270	TITLE 22 METALS
w							3			MP-02-3	14	02	05	1424			X		
w							3			MW-02	14	02	05	1525			X		
w							3			MP-02-2	14	02	05	1439			X		

ADDITIONAL INFORMATION

REPORT TO: avery.whitmarsh@amec.com
david.albut@amec.com

PO#: C012203331

TAT: Standard

Comments: Field Filtered Y/N

720-55324 Chain of Custody

CHAIN OF CUSTODY RECORD

D Albut	David Albut	AMEC	2/5/14/1800
Relinquished By (Signature)	(Print Name)	(Company)	(Date/Time)
	Mullen	Amec	2-5-14 1800
Received By (Signature):	(Print Name)	(Company)	(Date/Time)
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:

3.2°

White - Laboratory Copy Yellow - Project Office Copy Pink - Field or Office Copy

F1008-E

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-55324-1

Login Number: 55324
List Number: 1
Creator: Gonzales, Justinn

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: 720-55325-1
Client Project/Site: Crown Chevrolet

For:
AMEC Environment & Infrastructure, Inc.
2101 Webster Street, 12th Floor
Oakland, California 94612

Attn: Avery Whitmarsh

Authorized for release by:
2/13/2014 5:39:49 PM

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

Table of Contents

Definitions/Glossary

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

TestAmerica Job ID: 720-55325-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

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

Case Narrative

Job ID: 720-55325-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-55325-1

Comments
No additional comments.

Receipt
The samples were received on 2/5/2014 6:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

GC/MS VOA
Method(s) 8260B: The following analyte recovered outside control limits for the <<1,1-Dichloroethene>> LCS/LCSD/MS/MSD associated with batch <<153134>>: This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Job ID: 720-55325-2

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-55325-2

Comments
No additional comments.

Receipt
The samples were received on 2/5/2014 6:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

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

GC Semi VOA
Method(s) 8015B: The following sample(s) required a dilution due to the nature of the sample matrix: (720-55325-4 DU), IDW-W-1 (720-55325-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 720-55325-1

Client Sample ID: IDW-W-2

Lab Sample ID: 720-55325-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.4		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
Diesel Range Organics [C10-C28]	210		49		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	210		99		ug/L	1		8015B	Total/NA
TPH-Hydraulic Oil Range (C19-C36)	270		99		ug/L	1		8015B	Total/NA

Client Sample ID: IDW-SOIL

Lab Sample ID: 720-55325-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	76		2.0		mg/Kg	2		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	270		99		mg/Kg	2		8015B	Total/NA
TPH-Hydraulic Oil Range (C19-C36)	250		99		mg/Kg	2		8015B	Total/NA

Client Sample ID: IDW-W-1

Lab Sample ID: 720-55325-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	22000		20000		ug/Kg	1000		8260B	Total/NA
n-Butylbenzene	650000		20000		ug/Kg	1000		8260B	Total/NA
sec-Butylbenzene	140000		20000		ug/Kg	1000		8260B	Total/NA
Ethylbenzene	410000		20000		ug/Kg	1000		8260B	Total/NA
Isopropylbenzene	91000		20000		ug/Kg	1000		8260B	Total/NA
4-Isopropyltoluene	110000		20000		ug/Kg	1000		8260B	Total/NA
N-Propylbenzene	360000		20000		ug/Kg	1000		8260B	Total/NA
Toluene	330000		20000		ug/Kg	1000		8260B	Total/NA
1,2,4-Trimethylbenzene	1600000		200000		ug/Kg	10000		8260B	Total/NA
1,3,5-Trimethylbenzene	620000		20000		ug/Kg	1000		8260B	Total/NA
Xylenes, Total	2200000		41000		ug/Kg	1000		8260B	Total/NA
Gasoline Range Organics (GRO) -C5-C12	47000000		10000000		ug/Kg	10000		8260B	Total/NA
Diesel Range Organics [C10-C28]	880000		7200		mg/Kg	50		8015B	Total/NA
TPH-Hydraulic Oil Range (C19-C36)	170000		48000		mg/Kg	50		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

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

Client Sample ID: IDW-W-2
Date Collected: 02/05/14 15:20
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55325-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			02/06/14 17:04	1
Acetone	ND		50		ug/L			02/06/14 17:04	1
Benzene	ND		0.50		ug/L			02/06/14 17:04	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 17:04	1
Bromobenzene	ND		1.0		ug/L			02/06/14 17:04	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 17:04	1
Bromoform	ND		1.0		ug/L			02/06/14 17:04	1
Bromomethane	ND		1.0		ug/L			02/06/14 17:04	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 17:04	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 17:04	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 17:04	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 17:04	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 17:04	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 17:04	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 17:04	1
Chloroethane	ND		1.0		ug/L			02/06/14 17:04	1
Chloroform	ND		1.0		ug/L			02/06/14 17:04	1
Chloromethane	ND		1.0		ug/L			02/06/14 17:04	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 17:04	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 17:04	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 17:04	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:04	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:04	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 17:04	1
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 17:04	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 17:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 17:04	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 17:04	1
Dibromomethane	ND		0.50		ug/L			02/06/14 17:04	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 17:04	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 17:04	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 17:04	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 17:04	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 17:04	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 17:04	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 17:04	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 17:04	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 17:04	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 17:04	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 17:04	1
2-Hexanone	ND		50		ug/L			02/06/14 17:04	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 17:04	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 17:04	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 17:04	1
Naphthalene	ND		1.0		ug/L			02/06/14 17:04	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 17:04	1
Styrene	ND		0.50		ug/L			02/06/14 17:04	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 17:04	1

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

Client Sample ID: IDW-W-2
Date Collected: 02/05/14 15:20
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55325-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 17:04	1
Tetrachloroethene	**1.4**		0.50		ug/L			02/06/14 17:04	1
Toluene	ND		0.50		ug/L			02/06/14 17:04	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 17:04	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 17:04	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 17:04	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 17:04	1
Trichloroethene	**0.62**		0.50		ug/L			02/06/14 17:04	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 17:04	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 17:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 17:04	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 17:04	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 17:04	1
Vinyl acetate	ND		10		ug/L			02/06/14 17:04	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 17:04	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 17:04	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 17:04	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*02/06/14 17:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*02/06/14 17:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/06/14 17:04*	*1*

Client Sample ID: IDW-SOIL
Date Collected: 02/05/14 15:05
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55325-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Acetone	ND		49		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Benzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Dichlorobromomethane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Bromobenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Chlorobromomethane	ND		19		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Bromoform	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Bromomethane	ND		9.7		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
2-Butanone (MEK)	ND		49		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
n-Butylbenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
sec-Butylbenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
tert-Butylbenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Carbon disulfide	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Carbon tetrachloride	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Chlorobenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Chloroethane	ND		9.7		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Chloroform	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Chloromethane	ND		9.7		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
2-Chlorotoluene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
4-Chlorotoluene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Chlorodibromomethane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1

Client Sample Results

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

TestAmerica Job ID: 720-55325-1

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

Client Sample ID: IDW-SOIL
Date Collected: 02/05/14 15:05
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55325-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,3-Dichloropropane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,1-Dichloropropene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,2-Dibromo-3-Chloropropane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Ethylene Dibromide	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Dibromomethane	ND		9.7		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,1-Dichloroethane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,2-Dichloroethane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,1-Dichloroethene	ND	*	4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,2-Dichloropropane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Ethylbenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Hexachlorobutadiene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
2-Hexanone	ND		49		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Isopropylbenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
4-Isopropyltoluene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Methylene Chloride	ND		9.7		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Naphthalene	ND		9.7		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
N-Propylbenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Styrene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Tetrachloroethene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Toluene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Trichloroethene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Trichlorofluoromethane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Vinyl acetate	ND		49		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Vinyl chloride	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Xylenes, Total	ND		9.7		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
2,2-Dichloropropane	ND		4.9		ug/Kg		02/05/14 20:10	02/07/14 13:33	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		02/05/14 20:10	02/07/14 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*45 - 131*	*02/05/14 20:10*	*02/07/14 13:33*	*1*

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

Client Sample ID: IDW-SOIL
Date Collected: 02/05/14 15:05
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55325-3
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		60 - 140	02/05/14 20:10	02/07/14 13:33	1
Toluene-d8 (Surr)	95		58 - 140	02/05/14 20:10	02/07/14 13:33	1

Client Sample Results

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

TestAmerica Job ID: 720-55325-1

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

Client Sample ID: IDW-W-1
Date Collected: 02/05/14 15:30
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55325-4
Matrix: Waste

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Acetone	ND		200000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Benzene	**22000**		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Dichlorobromomethane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Bromobenzene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Chlorobromomethane	ND		82000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Bromoform	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Bromomethane	ND		41000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
2-Butanone (MEK)	ND		200000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
n-Butylbenzene	**650000**		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
sec-Butylbenzene	**140000**		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
tert-Butylbenzene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Carbon disulfide	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Carbon tetrachloride	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Chlorobenzene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Chloroethane	ND		41000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Chloroform	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Chloromethane	ND		41000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
2-Chlorotoluene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
4-Chlorotoluene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Chlorodibromomethane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,2-Dichlorobenzene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,3-Dichlorobenzene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,4-Dichlorobenzene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,3-Dichloropropane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,1-Dichloropropene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,2-Dibromo-3-Chloropropane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Ethylene Dibromide	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Dibromomethane	ND		41000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Dichlorodifluoromethane	ND		41000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,1-Dichloroethane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,2-Dichloroethane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,1-Dichloroethene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
cis-1,2-Dichloroethene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
trans-1,2-Dichloroethene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,2-Dichloropropane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
cis-1,3-Dichloropropene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
trans-1,3-Dichloropropene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Ethylbenzene	**410000**		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Hexachlorobutadiene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
2-Hexanone	ND		200000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Isopropylbenzene	**91000**		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
4-Isopropyltoluene	**110000**		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Methylene Chloride	ND		41000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
4-Methyl-2-pentanone (MIBK)	ND		200000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Naphthalene	ND		41000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
N-Propylbenzene	**360000**		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Styrene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,1,1,2-Tetrachloroethane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000

Client Sample Results

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

Client Sample ID: IDW-W-1
Date Collected: 02/05/14 15:30
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55325-4
Matrix: Waste

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Tetrachloroethene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Toluene	**330000**		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,2,3-Trichlorobenzene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,2,4-Trichlorobenzene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,1,1-Trichloroethane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,1,2-Trichloroethane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Trichloroethene	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Trichlorofluoromethane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,2,3-Trichloropropane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
1,2,4-Trimethylbenzene	**1600000**		200000		ug/Kg		02/13/14 08:00	02/13/14 14:21	10000
1,3,5-Trimethylbenzene	**620000**		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Vinyl acetate	ND		200000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Vinyl chloride	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Xylenes, Total	**2200000**		41000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
2,2-Dichloropropane	ND		20000		ug/Kg		02/13/14 08:00	02/13/14 13:29	1000
Gasoline Range Organics (GRO) -C5-C12	**47000000**		10000000		ug/Kg		02/13/14 08:00	02/13/14 14:21	10000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*140*		*66 - 148*	*02/13/14 08:00*	*02/13/14 13:29*	*1000*
4-Bromofluorobenzene	*103*		*66 - 148*	*02/13/14 08:00*	*02/13/14 14:21*	*10000*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 137*	*02/13/14 08:00*	*02/13/14 13:29*	*1000*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*	*02/13/14 08:00*	*02/13/14 14:21*	*10000*
Toluene-d8 (Surr)	*100*		*65 - 141*	*02/13/14 08:00*	*02/13/14 13:29*	*1000*
Toluene-d8 (Surr)	*99*		*65 - 141*	*02/13/14 08:00*	*02/13/14 14:21*	*10000*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: IDW-W-2
Date Collected: 02/05/14 15:20
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55325-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**210**		49		ug/L		02/10/14 18:35	02/11/14 00:02	1
Motor Oil Range Organics [C24-C36]	**210**		99		ug/L		02/10/14 18:35	02/11/14 00:02	1
TPH-Hydraulic Oil Range (C19-C36)	**270**		99		ug/L		02/10/14 18:35	02/11/14 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*92*		*23 - 156*	*02/10/14 18:35*	*02/11/14 00:02*	*1*

Client Sample ID: IDW-SOIL
Date Collected: 02/05/14 15:05
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55325-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**76**		2.0		mg/Kg		02/06/14 08:43	02/07/14 16:35	2
Motor Oil Range Organics [C24-C36]	**270**		99		mg/Kg		02/06/14 08:43	02/07/14 16:35	2
TPH-Hydraulic Oil Range (C19-C36)	**250**		99		mg/Kg		02/06/14 08:43	02/07/14 16:35	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*43*		*40 - 130*	*02/06/14 08:43*	*02/07/14 16:35*	*2*

Client Sample ID: IDW-W-1
Date Collected: 02/05/14 15:30
Date Received: 02/05/14 18:00

Lab Sample ID: 720-55325-4
Matrix: Waste

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**880000**		7200		mg/Kg		02/12/14 17:28	02/13/14 10:06	50
Motor Oil Range Organics [C24-C36]	ND		48000		mg/Kg		02/12/14 17:28	02/13/14 10:06	50
TPH-Hydraulic Oil Range (C19-C36)	**170000**		48000		mg/Kg		02/12/14 17:28	02/13/14 10:06	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*0*	*X D*	*50 - 130*	*02/12/14 17:28*	*02/13/14 10:06*	*50*

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

Lab Sample ID: MB 720-153453/4
Matrix: Waste
Analysis Batch: 153453

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		50		ug/Kg			02/13/14 08:44	100
Acetone	ND		5000		ug/Kg			02/13/14 08:44	100
Benzene	ND		50		ug/Kg			02/13/14 08:44	100
Dichlorobromomethane	ND		50		ug/Kg			02/13/14 08:44	100
Bromobenzene	ND		100		ug/Kg			02/13/14 08:44	100
Chlorobromomethane	ND		100		ug/Kg			02/13/14 08:44	100
Bromoform	ND		100		ug/Kg			02/13/14 08:44	100
Bromomethane	ND		100		ug/Kg			02/13/14 08:44	100
2-Butanone (MEK)	ND		5000		ug/Kg			02/13/14 08:44	100
n-Butylbenzene	ND		100		ug/Kg			02/13/14 08:44	100
sec-Butylbenzene	ND		100		ug/Kg			02/13/14 08:44	100
tert-Butylbenzene	ND		100		ug/Kg			02/13/14 08:44	100
Carbon disulfide	ND		500		ug/Kg			02/13/14 08:44	100
Carbon tetrachloride	ND		50		ug/Kg			02/13/14 08:44	100
Chlorobenzene	ND		50		ug/Kg			02/13/14 08:44	100
Chloroethane	ND		100		ug/Kg			02/13/14 08:44	100
Chloroform	ND		100		ug/Kg			02/13/14 08:44	100
Chloromethane	ND		100		ug/Kg			02/13/14 08:44	100
2-Chlorotoluene	ND		50		ug/Kg			02/13/14 08:44	100
4-Chlorotoluene	ND		50		ug/Kg			02/13/14 08:44	100
Chlorodibromomethane	ND		50		ug/Kg			02/13/14 08:44	100
1,2-Dichlorobenzene	ND		50		ug/Kg			02/13/14 08:44	100
1,3-Dichlorobenzene	ND		50		ug/Kg			02/13/14 08:44	100
1,4-Dichlorobenzene	ND		50		ug/Kg			02/13/14 08:44	100
1,3-Dichloropropane	ND		100		ug/Kg			02/13/14 08:44	100
1,1-Dichloropropene	ND		50		ug/Kg			02/13/14 08:44	100
1,2-Dibromo-3-Chloropropane	ND		100		ug/Kg			02/13/14 08:44	100
Ethylene Dibromide	ND		50		ug/Kg			02/13/14 08:44	100
Dibromomethane	ND		50		ug/Kg			02/13/14 08:44	100
Dichlorodifluoromethane	ND		50		ug/Kg			02/13/14 08:44	100
1,1-Dichloroethane	ND		50		ug/Kg			02/13/14 08:44	100
1,2-Dichloroethane	ND		50		ug/Kg			02/13/14 08:44	100
1,1-Dichloroethene	ND		50		ug/Kg			02/13/14 08:44	100
cis-1,2-Dichloroethene	ND		50		ug/Kg			02/13/14 08:44	100
trans-1,2-Dichloroethene	ND		50		ug/Kg			02/13/14 08:44	100
1,2-Dichloropropane	ND		50		ug/Kg			02/13/14 08:44	100
cis-1,3-Dichloropropene	ND		50		ug/Kg			02/13/14 08:44	100
trans-1,3-Dichloropropene	ND		50		ug/Kg			02/13/14 08:44	100
Ethylbenzene	ND		50		ug/Kg			02/13/14 08:44	100
Hexachlorobutadiene	ND		100		ug/Kg			02/13/14 08:44	100
2-Hexanone	ND		5000		ug/Kg			02/13/14 08:44	100
Isopropylbenzene	ND		50		ug/Kg			02/13/14 08:44	100
4-Isopropyltoluene	ND		100		ug/Kg			02/13/14 08:44	100
Methylene Chloride	ND		500		ug/Kg			02/13/14 08:44	100
4-Methyl-2-pentanone (MIBK)	ND		5000		ug/Kg			02/13/14 08:44	100
Naphthalene	ND		100		ug/Kg			02/13/14 08:44	100
N-Propylbenzene	ND		100		ug/Kg			02/13/14 08:44	100
Styrene	ND		50		ug/Kg			02/13/14 08:44	100

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

Lab Sample ID: MB 720-153453/4
Matrix: Waste
Analysis Batch: 153453

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		50		ug/Kg			02/13/14 08:44	100
1,1,2,2-Tetrachloroethane	ND		50		ug/Kg			02/13/14 08:44	100
Tetrachloroethene	ND		50		ug/Kg			02/13/14 08:44	100
Toluene	ND		50		ug/Kg			02/13/14 08:44	100
1,2,3-Trichlorobenzene	ND		100		ug/Kg			02/13/14 08:44	100
1,2,4-Trichlorobenzene	ND		100		ug/Kg			02/13/14 08:44	100
1,1,1-Trichloroethane	ND		50		ug/Kg			02/13/14 08:44	100
1,1,2-Trichloroethane	ND		50		ug/Kg			02/13/14 08:44	100
Trichloroethene	ND		50		ug/Kg			02/13/14 08:44	100
Trichlorofluoromethane	ND		100		ug/Kg			02/13/14 08:44	100
1,2,3-Trichloropropane	ND		50		ug/Kg			02/13/14 08:44	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50		ug/Kg			02/13/14 08:44	100
1,2,4-Trimethylbenzene	ND		50		ug/Kg			02/13/14 08:44	100
1,3,5-Trimethylbenzene	ND		50		ug/Kg			02/13/14 08:44	100
Vinyl acetate	ND		1000		ug/Kg			02/13/14 08:44	100
Vinyl chloride	ND		50		ug/Kg			02/13/14 08:44	100
Xylenes, Total	ND		100		ug/Kg			02/13/14 08:44	100
2,2-Dichloropropane	ND		50		ug/Kg			02/13/14 08:44	100
Gasoline Range Organics (GRO) -C5-C12	ND		5000		ug/Kg			02/13/14 08:44	100

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*02/13/14 08:44*	*100*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 130*		*02/13/14 08:44*	*100*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/13/14 08:44*	*100*

Lab Sample ID: LCS 720-153453/5
Matrix: Waste
Analysis Batch: 153453

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	5000	5260		ug/Kg		105	71 - 146
Acetone	25000	25000		ug/Kg		100	12 - 234
Benzene	5000	4960		ug/Kg		99	76 - 122
Dichlorobromomethane	5000	6110		ug/Kg		122	80 - 131
Bromobenzene	5000	5460		ug/Kg		109	77 - 125
Chlorobromomethane	5000	5580		ug/Kg		112	74 - 134
Bromoform	5000	6190		ug/Kg		124	54 - 149
Bromomethane	5000	4860		ug/Kg		97	14 - 175
2-Butanone (MEK)	25000	25500		ug/Kg		102	58 - 159
n-Butylbenzene	5000	5800		ug/Kg		116	57 - 164
sec-Butylbenzene	5000	5610		ug/Kg		112	62 - 153
tert-Butylbenzene	5000	5740		ug/Kg		115	72 - 136
Carbon disulfide	5000	3910		ug/Kg		78	13 - 151
Carbon tetrachloride	5000	5730		ug/Kg		115	72 - 136
Chlorobenzene	5000	5760		ug/Kg		115	81 - 128
Chloroethane	5000	4650		ug/Kg		93	53 - 124
Chloroform	5000	5820		ug/Kg		116	75 - 133

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

Lab Sample ID: LCS 720-153453/5
Matrix: Waste
Analysis Batch: 153453

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	5000	3960		ug/Kg		79	43 - 146
2-Chlorotoluene	5000	5660		ug/Kg		113	66 - 143
4-Chlorotoluene	5000	5580		ug/Kg		112	73 - 136
Chlorodibromomethane	5000	6650		ug/Kg		133	76 - 134
1,2-Dichlorobenzene	5000	5590		ug/Kg		112	77 - 140
1,3-Dichlorobenzene	5000	5800		ug/Kg		116	71 - 135
1,4-Dichlorobenzene	5000	5610		ug/Kg		112	76 - 130
1,3-Dichloropropane	5000	5880		ug/Kg		118	73 - 133
1,1-Dichloropropene	5000	5580		ug/Kg		112	81 - 134
1,2-Dibromo-3-Chloropropane	5000	5050		ug/Kg		101	52 - 156
Ethylene Dibromide	5000	6110		ug/Kg		122	80 - 138
Dibromomethane	5000	5900		ug/Kg		118	76 - 139
Dichlorodifluoromethane	5000	4360		ug/Kg		87	30 - 120
1,1-Dichloroethane	5000	4950		ug/Kg		99	79 - 125
1,2-Dichloroethane	5000	5680		ug/Kg		114	67 - 126
1,1-Dichloroethene	5000	4550		ug/Kg		91	74 - 122
cis-1,2-Dichloroethene	5000	5310		ug/Kg		106	77 - 132
trans-1,2-Dichloroethene	5000	4950		ug/Kg		99	74 - 128
1,2-Dichloropropane	5000	5180		ug/Kg		104	84 - 129
cis-1,3-Dichloropropene	5000	6090		ug/Kg		122	79 - 144
trans-1,3-Dichloropropene	5000	6740		ug/Kg		135	78 - 144
Ethylbenzene	5000	5590		ug/Kg		112	76 - 137
Hexachlorobutadiene	5000	5850		ug/Kg		117	63 - 150
2-Hexanone	25000	23800		ug/Kg		95	63 - 165
Isopropylbenzene	5000	6060		ug/Kg		121	65 - 128
4-Isopropyltoluene	5000	5730		ug/Kg		115	62 - 153
Methylene Chloride	5000	4550		ug/Kg		91	79 - 128
4-Methyl-2-pentanone (MIBK)	25000	23600		ug/Kg		94	66 - 150
Naphthalene	5000	5060		ug/Kg		101	62 - 151
N-Propylbenzene	5000	5490		ug/Kg		110	65 - 144
Styrene	5000	5860		ug/Kg		117	79 - 139
1,1,1,2-Tetrachloroethane	5000	6100		ug/Kg		122	72 - 129
1,1,2,2-Tetrachloroethane	5000	5110		ug/Kg		102	69 - 133
Tetrachloroethene	5000	5990		ug/Kg		120	79 - 130
Toluene	5000	5150		ug/Kg		103	77 - 120
1,2,3-Trichlorobenzene	5000	5490		ug/Kg		110	72 - 159
1,2,4-Trichlorobenzene	5000	5610		ug/Kg		112	71 - 163
1,1,1-Trichloroethane	5000	5850		ug/Kg		117	69 - 132
1,1,2-Trichloroethane	5000	6070		ug/Kg		121	80 - 140
Trichloroethene	5000	5500		ug/Kg		110	69 - 129
Trichlorofluoromethane	5000	5880		ug/Kg		118	49 - 140
1,2,3-Trichloropropane	5000	5510		ug/Kg		110	74 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	5000	4840		ug/Kg		97	66 - 128
1,2,4-Trimethylbenzene	5000	5690		ug/Kg		114	62 - 155
1,3,5-Trimethylbenzene	5000	5620		ug/Kg		112	69 - 142
Vinyl acetate	5000	4880	J	ug/Kg		98	56 - 200
Vinyl chloride	5000	4230		ug/Kg		85	10 - 118

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

Lab Sample ID: LCS 720-153453/5
Matrix: Waste
Analysis Batch: 153453

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	10000	11200		ug/Kg		112	71 - 142
o-Xylene	5000	5860		ug/Kg		117	71 - 142
2,2-Dichloropropane	5000	6260		ug/Kg		125	67 - 146

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*66 - 148*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*
Toluene-d8 (Surr)	*101*		*65 - 141*

Lab Sample ID: LCS 720-153453/7
Matrix: Waste
Analysis Batch: 153453

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	100000	88500		ug/Kg		88	60 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*66 - 148*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 137*
Toluene-d8 (Surr)	*99*		*65 - 141*

Lab Sample ID: LCSD 720-153453/6
Matrix: Waste
Analysis Batch: 153453

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	5000	5460		ug/Kg		109	71 - 146	4	20
Acetone	25000	27700		ug/Kg		111	12 - 234	10	30
Benzene	5000	5090		ug/Kg		102	76 - 122	2	20
Dichlorobromomethane	5000	6000		ug/Kg		120	80 - 131	2	20
Bromobenzene	5000	5950		ug/Kg		119	77 - 125	9	20
Chlorobromomethane	5000	5620		ug/Kg		112	74 - 134	1	20
Bromoform	5000	6500		ug/Kg		130	54 - 149	5	20
Bromomethane	5000	5040		ug/Kg		101	14 - 175	4	20
2-Butanone (MEK)	25000	29400		ug/Kg		118	58 - 159	14	20
n-Butylbenzene	5000	6230		ug/Kg		125	57 - 164	7	20
sec-Butylbenzene	5000	6020		ug/Kg		120	62 - 153	7	20
tert-Butylbenzene	5000	6180		ug/Kg		124	72 - 136	7	20
Carbon disulfide	5000	4090		ug/Kg		82	13 - 151	4	20
Carbon tetrachloride	5000	5810		ug/Kg		116	72 - 136	1	20
Chlorobenzene	5000	5840		ug/Kg		117	81 - 128	1	20
Chloroethane	5000	4880		ug/Kg		98	53 - 124	5	20
Chloroform	5000	5780		ug/Kg		116	75 - 133	1	20
Chloromethane	5000	4160		ug/Kg		83	43 - 146	5	20
2-Chlorotoluene	5000	6130		ug/Kg		123	66 - 143	8	20
4-Chlorotoluene	5000	6010		ug/Kg		120	73 - 136	7	20
Chlorodibromomethane	5000	6550		ug/Kg		131	76 - 134	1	20

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

Lab Sample ID: LCSD 720-153453/6
Matrix: Waste
Analysis Batch: 153453

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	5000	6120		ug/Kg		122	77 - 140	9	20
1,3-Dichlorobenzene	5000	6260		ug/Kg		125	71 - 135	8	20
1,4-Dichlorobenzene	5000	6180		ug/Kg		124	76 - 130	10	20
1,3-Dichloropropane	5000	5860		ug/Kg		117	73 - 133	0	20
1,1-Dichloropropene	5000	5650		ug/Kg		113	81 - 134	1	20
1,2-Dibromo-3-Chloropropane	5000	5890		ug/Kg		118	52 - 156	15	20
Ethylene Dibromide	5000	6040		ug/Kg		121	80 - 138	1	20
Dibromomethane	5000	5980		ug/Kg		120	76 - 139	1	20
Dichlorodifluoromethane	5000	4540		ug/Kg		91	30 - 120	4	20
1,1-Dichloroethane	5000	5080		ug/Kg		102	79 - 125	3	20
1,2-Dichloroethane	5000	5600		ug/Kg		112	67 - 126	2	20
1,1-Dichloroethene	5000	4950		ug/Kg		99	74 - 122	8	20
cis-1,2-Dichloroethene	5000	5250		ug/Kg		105	77 - 132	1	20
trans-1,2-Dichloroethene	5000	5240		ug/Kg		105	74 - 128	6	20
1,2-Dichloropropane	5000	5130		ug/Kg		103	84 - 129	1	20
cis-1,3-Dichloropropene	5000	5940		ug/Kg		119	79 - 144	2	20
trans-1,3-Dichloropropene	5000	6710		ug/Kg		134	78 - 144	0	20
Ethylbenzene	5000	5690		ug/Kg		114	76 - 137	2	20
Hexachlorobutadiene	5000	6290		ug/Kg		126	63 - 150	7	20
2-Hexanone	25000	27500		ug/Kg		110	63 - 165	14	20
Isopropylbenzene	5000	6160		ug/Kg		123	65 - 128	2	20
4-Isopropyltoluene	5000	6160		ug/Kg		123	62 - 153	7	20
Methylene Chloride	5000	4720		ug/Kg		94	79 - 128	4	20
4-Methyl-2-pentanone (MIBK)	25000	26900		ug/Kg		108	66 - 150	13	20
Naphthalene	5000	5940		ug/Kg		119	62 - 151	16	20
N-Propylbenzene	5000	5950		ug/Kg		119	65 - 144	8	20
Styrene	5000	6020		ug/Kg		120	79 - 139	3	20
1,1,1,2-Tetrachloroethane	5000	6250		ug/Kg		125	72 - 129	3	20
1,1,2,2-Tetrachloroethane	5000	5890		ug/Kg		118	69 - 133	14	20
Tetrachloroethene	5000	5830		ug/Kg		117	79 - 130	3	20
Toluene	5000	5270		ug/Kg		105	77 - 120	2	20
1,2,3-Trichlorobenzene	5000	6110		ug/Kg		122	72 - 159	11	20
1,2,4-Trichlorobenzene	5000	6240		ug/Kg		125	71 - 163	11	20
1,1,1-Trichloroethane	5000	5930		ug/Kg		119	69 - 132	1	20
1,1,2-Trichloroethane	5000	6030		ug/Kg		121	80 - 140	1	20
Trichloroethene	5000	5440		ug/Kg		109	69 - 129	1	20
Trichlorofluoromethane	5000	6020		ug/Kg		120	49 - 140	2	20
1,2,3-Trichloropropane	5000	6320		ug/Kg		126	74 - 135	14	20
1,1,2-Trichloro-1,2,2-trifluoroethane	5000	5080		ug/Kg		102	66 - 128	5	20
1,2,4-Trimethylbenzene	5000	6020		ug/Kg		120	62 - 155	6	20
1,3,5-Trimethylbenzene	5000	6010		ug/Kg		120	69 - 142	7	20
Vinyl acetate	5000	5200		ug/Kg		104	56 - 200	6	20
Vinyl chloride	5000	4380		ug/Kg		88	10 - 118	4	20
m-Xylene & p-Xylene	10000	11400		ug/Kg		114	71 - 142	2	20
o-Xylene	5000	5940		ug/Kg		119	71 - 142	1	20
2,2-Dichloropropane	5000	6340		ug/Kg		127	67 - 146	1	20

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

Lab Sample ID: LCSD 720-153453/6
Matrix: Waste
Analysis Batch: 153453

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*66 - 148*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*
Toluene-d8 (Surr)	*101*		*65 - 141*

Lab Sample ID: LCSD 720-153453/8
Matrix: Waste
Analysis Batch: 153453

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	100000	84900		ug/Kg		85	60 - 120	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*66 - 148*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*
Toluene-d8 (Surr)	*101*		*65 - 141*

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

Lab Sample ID: MB 720-153040/4
Matrix: Water
Analysis Batch: 153040

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			02/06/14 09:16	1
Acetone	ND		50		ug/L			02/06/14 09:16	1
Benzene	ND		0.50		ug/L			02/06/14 09:16	1
Dichlorobromomethane	ND		0.50		ug/L			02/06/14 09:16	1
Bromobenzene	ND		1.0		ug/L			02/06/14 09:16	1
Chlorobromomethane	ND		1.0		ug/L			02/06/14 09:16	1
Bromoform	ND		1.0		ug/L			02/06/14 09:16	1
Bromomethane	ND		1.0		ug/L			02/06/14 09:16	1
2-Butanone (MEK)	ND		50		ug/L			02/06/14 09:16	1
n-Butylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
sec-Butylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
tert-Butylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
Carbon disulfide	ND		5.0		ug/L			02/06/14 09:16	1
Carbon tetrachloride	ND		0.50		ug/L			02/06/14 09:16	1
Chlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
Chloroethane	ND		1.0		ug/L			02/06/14 09:16	1
Chloroform	ND		1.0		ug/L			02/06/14 09:16	1
Chloromethane	ND		1.0		ug/L			02/06/14 09:16	1
2-Chlorotoluene	ND		0.50		ug/L			02/06/14 09:16	1
4-Chlorotoluene	ND		0.50		ug/L			02/06/14 09:16	1
Chlorodibromomethane	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dichlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,3-Dichlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,4-Dichlorobenzene	ND		0.50		ug/L			02/06/14 09:16	1

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

Lab Sample ID: MB 720-153040/4
Matrix: Water
Analysis Batch: 153040

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		1.0		ug/L			02/06/14 09:16	1
1,1-Dichloropropene	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			02/06/14 09:16	1
Ethylene Dibromide	ND		0.50		ug/L			02/06/14 09:16	1
Dibromomethane	ND		0.50		ug/L			02/06/14 09:16	1
Dichlorodifluoromethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1-Dichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1-Dichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
1,2-Dichloropropane	ND		0.50		ug/L			02/06/14 09:16	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 09:16	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			02/06/14 09:16	1
Ethylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
Hexachlorobutadiene	ND		1.0		ug/L			02/06/14 09:16	1
2-Hexanone	ND		50		ug/L			02/06/14 09:16	1
Isopropylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
4-Isopropyltoluene	ND		1.0		ug/L			02/06/14 09:16	1
Methylene Chloride	ND		5.0		ug/L			02/06/14 09:16	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			02/06/14 09:16	1
Naphthalene	ND		1.0		ug/L			02/06/14 09:16	1
N-Propylbenzene	ND		1.0		ug/L			02/06/14 09:16	1
Styrene	ND		0.50		ug/L			02/06/14 09:16	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			02/06/14 09:16	1
Tetrachloroethene	ND		0.50		ug/L			02/06/14 09:16	1
Toluene	ND		0.50		ug/L			02/06/14 09:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			02/06/14 09:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			02/06/14 09:16	1
1,1,1-Trichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,1,2-Trichloroethane	ND		0.50		ug/L			02/06/14 09:16	1
Trichloroethene	ND		0.50		ug/L			02/06/14 09:16	1
Trichlorofluoromethane	ND		1.0		ug/L			02/06/14 09:16	1
1,2,3-Trichloropropane	ND		0.50		ug/L			02/06/14 09:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			02/06/14 09:16	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			02/06/14 09:16	1
Vinyl acetate	ND		10		ug/L			02/06/14 09:16	1
Vinyl chloride	ND		0.50		ug/L			02/06/14 09:16	1
Xylenes, Total	ND		1.0		ug/L			02/06/14 09:16	1
2,2-Dichloropropane	ND		0.50		ug/L			02/06/14 09:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			02/06/14 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*02/06/14 09:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*		*02/06/14 09:16*	*1*

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

Lab Sample ID: MB 720-153040/4
Matrix: Water
Analysis Batch: 153040

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		70 - 130		02/06/14 09:16	1

Lab Sample ID: LCS 720-153040/5
Matrix: Water
Analysis Batch: 153040

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	25.5		ug/L		102	62 - 130
Acetone	125	120		ug/L		96	26 - 180
Benzene	25.0	23.9		ug/L		96	79 - 130
Dichlorobromomethane	25.0	26.6		ug/L		106	70 - 130
Bromobenzene	25.0	27.0		ug/L		108	70 - 130
Chlorobromomethane	25.0	26.7		ug/L		107	70 - 130
Bromoform	25.0	27.3		ug/L		109	68 - 136
Bromomethane	25.0	25.8		ug/L		103	43 - 151
2-Butanone (MEK)	125	124		ug/L		99	54 - 130
n-Butylbenzene	25.0	27.9		ug/L		111	70 - 142
sec-Butylbenzene	25.0	26.7		ug/L		107	70 - 134
tert-Butylbenzene	25.0	27.1		ug/L		108	70 - 135
Carbon disulfide	25.0	21.2		ug/L		85	58 - 130
Carbon tetrachloride	25.0	25.9		ug/L		104	70 - 146
Chlorobenzene	25.0	25.5		ug/L		102	70 - 130
Chloroethane	25.0	25.2		ug/L		101	62 - 138
Chloroform	25.0	26.7		ug/L		107	70 - 130
Chloromethane	25.0	22.1		ug/L		89	52 - 175
2-Chlorotoluene	25.0	27.1		ug/L		108	70 - 130
4-Chlorotoluene	25.0	26.8		ug/L		107	70 - 130
Chlorodibromomethane	25.0	29.0		ug/L		116	70 - 145
1,2-Dichlorobenzene	25.0	27.1		ug/L		109	70 - 130
1,3-Dichlorobenzene	25.0	28.1		ug/L		112	70 - 130
1,4-Dichlorobenzene	25.0	27.6		ug/L		111	70 - 130
1,3-Dichloropropane	25.0	26.6		ug/L		106	70 - 130
1,1-Dichloropropene	25.0	26.2		ug/L		105	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		98	70 - 136
Ethylene Dibromide	25.0	27.3		ug/L		109	70 - 130
Dibromomethane	25.0	26.5		ug/L		106	70 - 130
Dichlorodifluoromethane	25.0	24.1		ug/L		96	34 - 132
1,1-Dichloroethane	25.0	24.0		ug/L		96	70 - 130
1,2-Dichloroethane	25.0	25.3		ug/L		101	61 - 132
1,1-Dichloroethene	25.0	22.3		ug/L		89	64 - 128
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	70 - 130
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	68 - 130
1,2-Dichloropropane	25.0	24.0		ug/L		96	70 - 130
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	70 - 130
trans-1,3-Dichloropropene	25.0	29.6		ug/L		118	70 - 140
Ethylbenzene	25.0	24.7		ug/L		99	80 - 120
Hexachlorobutadiene	25.0	28.2		ug/L		113	70 - 130
2-Hexanone	125	118		ug/L		94	60 - 164

QC Sample Results

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

Lab Sample ID: LCS 720-153040/5
Matrix: Water
Analysis Batch: 153040

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	25.0	26.6		ug/L		106	70 - 130
4-Isopropyltoluene	25.0	27.2		ug/L		109	70 - 130
Methylene Chloride	25.0	23.0		ug/L		92	70 - 147
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	58 - 130
Naphthalene	25.0	26.7		ug/L		107	70 - 130
N-Propylbenzene	25.0	26.3		ug/L		105	70 - 130
Styrene	25.0	26.3		ug/L		105	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.2		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		104	70 - 130
Tetrachloroethene	25.0	26.8		ug/L		107	70 - 130
Toluene	25.0	23.6		ug/L		94	78 - 120
1,2,3-Trichlorobenzene	25.0	28.6		ug/L		114	70 - 130
1,2,4-Trichlorobenzene	25.0	28.7		ug/L		115	70 - 130
1,1,1-Trichloroethane	25.0	26.8		ug/L		107	70 - 130
1,1,2-Trichloroethane	25.0	27.5		ug/L		110	70 - 130
Trichloroethene	25.0	25.5		ug/L		102	70 - 130
Trichlorofluoromethane	25.0	28.9		ug/L		116	66 - 132
1,2,3-Trichloropropane	25.0	27.0		ug/L		108	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		92	42 - 162
1,2,4-Trimethylbenzene	25.0	27.2		ug/L		109	70 - 132
1,3,5-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 130
Vinyl acetate	25.0	26.2		ug/L		105	43 - 163
Vinyl chloride	25.0	24.8		ug/L		99	54 - 135
m-Xylene & p-Xylene	50.0	49.7		ug/L		99	70 - 142
o-Xylene	25.0	26.0		ug/L		104	70 - 130
2,2-Dichloropropane	25.0	29.4		ug/L		118	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCS 720-153040/7
Matrix: Water
Analysis Batch: 153040

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	475		ug/L		95	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*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: LCSD 720-153040/6
Matrix: Water
Analysis Batch: 153040

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	25.2		ug/L		101	62 - 130	1	20
Acetone	125	117		ug/L		93	26 - 180	3	30
Benzene	25.0	24.1		ug/L		96	79 - 130	1	20
Dichlorobromomethane	25.0	27.0		ug/L		108	70 - 130	2	20
Bromobenzene	25.0	26.8		ug/L		107	70 - 130	1	20
Chlorobromomethane	25.0	26.7		ug/L		107	70 - 130	0	20
Bromoform	25.0	28.3		ug/L		113	68 - 136	3	20
Bromomethane	25.0	26.5		ug/L		106	43 - 151	2	20
2-Butanone (MEK)	125	129		ug/L		103	54 - 130	4	20
n-Butylbenzene	25.0	28.3		ug/L		113	70 - 142	1	20
sec-Butylbenzene	25.0	27.2		ug/L		109	70 - 134	2	20
tert-Butylbenzene	25.0	27.6		ug/L		110	70 - 135	2	20
Carbon disulfide	25.0	21.2		ug/L		85	58 - 130	0	20
Carbon tetrachloride	25.0	26.3		ug/L		105	70 - 146	1	20
Chlorobenzene	25.0	26.1		ug/L		104	70 - 130	2	20
Chloroethane	25.0	26.2		ug/L		105	62 - 138	4	20
Chloroform	25.0	26.6		ug/L		107	70 - 130	0	20
Chloromethane	25.0	22.0		ug/L		88	52 - 175	1	20
2-Chlorotoluene	25.0	27.4		ug/L		110	70 - 130	1	20
4-Chlorotoluene	25.0	27.0		ug/L		108	70 - 130	1	20
Chlorodibromomethane	25.0	30.0		ug/L		120	70 - 145	3	20
1,2-Dichlorobenzene	25.0	28.0		ug/L		112	70 - 130	3	20
1,3-Dichlorobenzene	25.0	28.4		ug/L		113	70 - 130	1	20
1,4-Dichlorobenzene	25.0	27.8		ug/L		111	70 - 130	0	20
1,3-Dichloropropane	25.0	26.7		ug/L		107	70 - 130	1	20
1,1-Dichloropropene	25.0	26.3		ug/L		105	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	25.9		ug/L		104	70 - 136	5	20
Ethylene Dibromide	25.0	27.0		ug/L		108	70 - 130	1	20
Dibromomethane	25.0	26.6		ug/L		106	70 - 130	0	20
Dichlorodifluoromethane	25.0	23.9		ug/L		96	34 - 132	1	20
1,1-Dichloroethane	25.0	24.3		ug/L		97	70 - 130	1	20
1,2-Dichloroethane	25.0	24.9		ug/L		99	61 - 132	2	20
1,1-Dichloroethene	25.0	22.2		ug/L		89	64 - 128	0	20
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	68 - 130	1	20
1,2-Dichloropropane	25.0	23.8		ug/L		95	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	27.3		ug/L		109	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	29.8		ug/L		119	70 - 140	1	20
Ethylbenzene	25.0	25.3		ug/L		101	80 - 120	2	20
Hexachlorobutadiene	25.0	29.1		ug/L		116	70 - 130	3	20
2-Hexanone	125	116		ug/L		93	60 - 164	2	20
Isopropylbenzene	25.0	27.2		ug/L		109	70 - 130	2	20
4-Isopropyltoluene	25.0	27.9		ug/L		112	70 - 130	2	20
Methylene Chloride	25.0	23.0		ug/L		92	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	58 - 130	3	20
Naphthalene	25.0	27.9		ug/L		112	70 - 130	5	20
N-Propylbenzene	25.0	26.5		ug/L		106	70 - 130	1	20
Styrene	25.0	26.8		ug/L		107	70 - 130	2	20

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

Lab Sample ID: LCSD 720-153040/6
Matrix: Water
Analysis Batch: 153040

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	27.9		ug/L		112	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	26.8		ug/L		107	70 - 130	3	20
Tetrachloroethene	25.0	26.9		ug/L		108	70 - 130	0	20
Toluene	25.0	23.9		ug/L		96	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	29.6		ug/L		118	70 - 130	3	20
1,2,4-Trichlorobenzene	25.0	29.5		ug/L		118	70 - 130	3	20
1,1,1-Trichloroethane	25.0	26.9		ug/L		107	70 - 130	0	20
1,1,2-Trichloroethane	25.0	27.1		ug/L		109	70 - 130	1	20
Trichloroethene	25.0	25.6		ug/L		102	70 - 130	0	20
Trichlorofluoromethane	25.0	29.1		ug/L		116	66 - 132	1	20
1,2,3-Trichloropropane	25.0	27.4		ug/L		110	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.0		ug/L		92	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	27.3		ug/L		109	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	27.1		ug/L		109	70 - 130	1	20
Vinyl acetate	25.0	25.3		ug/L		101	43 - 163	4	20
Vinyl chloride	25.0	24.7		ug/L		99	54 - 135	1	20
m-Xylene & p-Xylene	50.0	50.3		ug/L		101	70 - 142	1	20
o-Xylene	25.0	26.5		ug/L		106	70 - 130	2	20
2,2-Dichloropropane	25.0	29.2		ug/L		117	70 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-153040/8
Matrix: Water
Analysis Batch: 153040

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	460		ug/L		92	62 - 120	3	20

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

Lab Sample ID: MB 720-153134/4
Matrix: Solid
Analysis Batch: 153134

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		5.0		ug/Kg			02/07/14 08:47	1
Acetone	ND		50		ug/Kg			02/07/14 08:47	1
Benzene	ND		5.0		ug/Kg			02/07/14 08:47	1
Dichlorobromomethane	ND		5.0		ug/Kg			02/07/14 08:47	1

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

Lab Sample ID: MB 720-153134/4
Matrix: Solid
Analysis Batch: 153134

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
Chlorobromomethane	ND		20		ug/Kg			02/07/14 08:47	1
Bromoform	ND		5.0		ug/Kg			02/07/14 08:47	1
Bromomethane	ND		10		ug/Kg			02/07/14 08:47	1
2-Butanone (MEK)	ND		50		ug/Kg			02/07/14 08:47	1
n-Butylbenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
sec-Butylbenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
tert-Butylbenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
Carbon disulfide	ND		5.0		ug/Kg			02/07/14 08:47	1
Carbon tetrachloride	ND		5.0		ug/Kg			02/07/14 08:47	1
Chlorobenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
Chloroethane	ND		10		ug/Kg			02/07/14 08:47	1
Chloroform	ND		5.0		ug/Kg			02/07/14 08:47	1
Chloromethane	ND		10		ug/Kg			02/07/14 08:47	1
2-Chlorotoluene	ND		5.0		ug/Kg			02/07/14 08:47	1
4-Chlorotoluene	ND		5.0		ug/Kg			02/07/14 08:47	1
Chlorodibromomethane	ND		5.0		ug/Kg			02/07/14 08:47	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
1,3-Dichloropropane	ND		5.0		ug/Kg			02/07/14 08:47	1
1,1-Dichloropropene	ND		5.0		ug/Kg			02/07/14 08:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			02/07/14 08:47	1
Ethylene Dibromide	ND		5.0		ug/Kg			02/07/14 08:47	1
Dibromomethane	ND		10		ug/Kg			02/07/14 08:47	1
Dichlorodifluoromethane	ND		10		ug/Kg			02/07/14 08:47	1
1,1-Dichloroethane	ND		5.0		ug/Kg			02/07/14 08:47	1
1,2-Dichloroethane	ND		5.0		ug/Kg			02/07/14 08:47	1
1,1-Dichloroethene	ND		5.0		ug/Kg			02/07/14 08:47	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			02/07/14 08:47	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			02/07/14 08:47	1
1,2-Dichloropropane	ND		5.0		ug/Kg			02/07/14 08:47	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			02/07/14 08:47	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			02/07/14 08:47	1
Ethylbenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
Hexachlorobutadiene	ND		5.0		ug/Kg			02/07/14 08:47	1
2-Hexanone	ND		50		ug/Kg			02/07/14 08:47	1
Isopropylbenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
4-Isopropyltoluene	ND		5.0		ug/Kg			02/07/14 08:47	1
Methylene Chloride	ND		10		ug/Kg			02/07/14 08:47	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			02/07/14 08:47	1
Naphthalene	ND		10		ug/Kg			02/07/14 08:47	1
N-Propylbenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
Styrene	ND		5.0		ug/Kg			02/07/14 08:47	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			02/07/14 08:47	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			02/07/14 08:47	1
Tetrachloroethene	ND		5.0		ug/Kg			02/07/14 08:47	1
Toluene	ND		5.0		ug/Kg			02/07/14 08:47	1

QC Sample Results

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

Lab Sample ID: MB 720-153134/4
Matrix: Solid
Analysis Batch: 153134

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			02/07/14 08:47	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			02/07/14 08:47	1
Trichloroethene	ND		5.0		ug/Kg			02/07/14 08:47	1
Trichlorofluoromethane	ND		5.0		ug/Kg			02/07/14 08:47	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			02/07/14 08:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			02/07/14 08:47	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			02/07/14 08:47	1
Vinyl acetate	ND		50		ug/Kg			02/07/14 08:47	1
Vinyl chloride	ND		5.0		ug/Kg			02/07/14 08:47	1
Xylenes, Total	ND		10		ug/Kg			02/07/14 08:47	1
2,2-Dichloropropane	ND		5.0		ug/Kg			02/07/14 08:47	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg			02/07/14 08:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*45 - 131*		*02/07/14 08:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*		*02/07/14 08:47*	*1*
Toluene-d8 (Surr)	*99*		*58 - 140*		*02/07/14 08:47*	*1*

Lab Sample ID: LCS 720-153134/5
Matrix: Solid
Analysis Batch: 153134

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	50.0	47.1		ug/Kg		94	70 - 144
Acetone	250	213		ug/Kg		85	30 - 162
Benzene	50.0	45.5		ug/Kg		91	70 - 130
Dichlorobromomethane	50.0	51.9		ug/Kg		104	70 - 131
Bromobenzene	50.0	50.8		ug/Kg		102	70 - 130
Chlorobromomethane	50.0	51.0		ug/Kg		102	70 - 130
Bromoform	50.0	50.5		ug/Kg		101	59 - 158
Bromomethane	50.0	47.2		ug/Kg		94	59 - 132
2-Butanone (MEK)	250	224		ug/Kg		89	53 - 124
n-Butylbenzene	50.0	52.2		ug/Kg		104	70 - 142
sec-Butylbenzene	50.0	50.5		ug/Kg		101	70 - 136
tert-Butylbenzene	50.0	51.4		ug/Kg		103	70 - 130
Carbon disulfide	50.0	38.7		ug/Kg		77	60 - 140
Carbon tetrachloride	50.0	51.5		ug/Kg		103	70 - 138
Chlorobenzene	50.0	50.4		ug/Kg		101	70 - 130
Chloroethane	50.0	46.2		ug/Kg		92	65 - 130
Chloroform	50.0	52.3		ug/Kg		105	77 - 127
Chloromethane	50.0	40.2		ug/Kg		80	55 - 140
2-Chlorotoluene	50.0	51.8		ug/Kg		104	70 - 138
4-Chlorotoluene	50.0	50.9		ug/Kg		102	70 - 136
Chlorodibromomethane	50.0	54.2		ug/Kg		108	70 - 146

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

Lab Sample ID: LCS 720-153134/5
Matrix: Solid
Analysis Batch: 153134

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	50.0	51.0		ug/Kg		102	70 - 130
1,3-Dichlorobenzene	50.0	52.7		ug/Kg		105	70 - 131
1,4-Dichlorobenzene	50.0	51.4		ug/Kg		103	70 - 130
1,3-Dichloropropane	50.0	49.9		ug/Kg		100	70 - 140
1,1-Dichloropropene	50.0	49.8		ug/Kg		100	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	42.5		ug/Kg		85	60 - 145
Ethylene Dibromide	50.0	50.0		ug/Kg		100	70 - 140
Dibromomethane	50.0	51.3		ug/Kg		103	70 - 139
Dichlorodifluoromethane	50.0	44.4		ug/Kg		89	37 - 158
1,1-Dichloroethane	50.0	45.6		ug/Kg		91	70 - 130
1,2-Dichloroethane	50.0	49.6		ug/Kg		99	70 - 130
1,1-Dichloroethene	50.0	35.8	*	ug/Kg		72	76 - 122
cis-1,2-Dichloroethene	50.0	47.6		ug/Kg		95	70 - 138
trans-1,2-Dichloroethene	50.0	44.6		ug/Kg		89	67 - 130
1,2-Dichloropropane	50.0	45.4		ug/Kg		91	73 - 127
cis-1,3-Dichloropropene	50.0	51.9		ug/Kg		104	68 - 147
trans-1,3-Dichloropropene	50.0	55.7		ug/Kg		111	70 - 136
Ethylbenzene	50.0	49.0		ug/Kg		98	80 - 137
Hexachlorobutadiene	50.0	50.4		ug/Kg		101	70 - 132
2-Hexanone	250	210		ug/Kg		84	44 - 133
Isopropylbenzene	50.0	52.1		ug/Kg		104	88 - 128
4-Isopropyltoluene	50.0	51.8		ug/Kg		104	70 - 133
Methylene Chloride	50.0	39.1		ug/Kg		78	70 - 134
4-Methyl-2-pentanone (MIBK)	250	213		ug/Kg		85	60 - 160
Naphthalene	50.0	45.6		ug/Kg		91	60 - 147
N-Propylbenzene	50.0	50.1		ug/Kg		100	70 - 130
Styrene	50.0	51.0		ug/Kg		102	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.5		ug/Kg		105	70 - 130
1,1,2,2-Tetrachloroethane	50.0	44.9		ug/Kg		90	70 - 146
Tetrachloroethene	50.0	52.0		ug/Kg		104	70 - 132
Toluene	50.0	47.4		ug/Kg		95	80 - 128
1,2,3-Trichlorobenzene	50.0	49.6		ug/Kg		99	60 - 140
1,2,4-Trichlorobenzene	50.0	51.3		ug/Kg		103	60 - 140
1,1,1-Trichloroethane	50.0	52.7		ug/Kg		105	70 - 130
1,1,2-Trichloroethane	50.0	49.5		ug/Kg		99	70 - 130
Trichloroethene	50.0	49.0		ug/Kg		98	70 - 133
Trichlorofluoromethane	50.0	57.2		ug/Kg		114	60 - 140
1,2,3-Trichloropropane	50.0	48.9		ug/Kg		98	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	38.7		ug/Kg		77	60 - 140
1,2,4-Trimethylbenzene	50.0	51.4		ug/Kg		103	70 - 130
1,3,5-Trimethylbenzene	50.0	51.0		ug/Kg		102	70 - 131
Vinyl acetate	50.0	ND		ug/Kg		96	38 - 176
Vinyl chloride	50.0	45.5		ug/Kg		91	58 - 125
m-Xylene & p-Xylene	100	98.9		ug/Kg		99	70 - 146
o-Xylene	50.0	51.5		ug/Kg		103	70 - 140
2,2-Dichloropropane	50.0	56.4		ug/Kg		113	70 - 162

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

Lab Sample ID: LCS 720-153134/5
Matrix: Solid
Analysis Batch: 153134

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*60 - 140*
Toluene-d8 (Surr)	*100*		*58 - 140*

Lab Sample ID: LCS 720-153134/7
Matrix: Solid
Analysis Batch: 153134

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	1000	924		ug/Kg		92	61 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*108*		*60 - 140*
Toluene-d8 (Surr)	*100*		*58 - 140*

Lab Sample ID: LCSD 720-153134/6
Matrix: Solid
Analysis Batch: 153134

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	50.0	51.9		ug/Kg		104	70 - 144	10	20
Acetone	250	250		ug/Kg		100	30 - 162	16	30
Benzene	50.0	45.3		ug/Kg		91	70 - 130	0	20
Dichlorobromomethane	50.0	53.3		ug/Kg		107	70 - 131	3	20
Bromobenzene	50.0	50.8		ug/Kg		102	70 - 130	0	20
Chlorobromomethane	50.0	52.9		ug/Kg		106	70 - 130	4	20
Bromoform	50.0	56.1		ug/Kg		112	59 - 158	11	20
Bromomethane	50.0	46.4		ug/Kg		93	59 - 132	2	20
2-Butanone (MEK)	250	269		ug/Kg		107	53 - 124	18	20
n-Butylbenzene	50.0	49.7		ug/Kg		99	70 - 142	5	20
sec-Butylbenzene	50.0	48.0		ug/Kg		96	70 - 136	5	20
tert-Butylbenzene	50.0	49.7		ug/Kg		99	70 - 130	3	20
Carbon disulfide	50.0	38.3		ug/Kg		77	60 - 140	1	20
Carbon tetrachloride	50.0	50.4		ug/Kg		101	70 - 138	2	20
Chlorobenzene	50.0	49.8		ug/Kg		100	70 - 130	1	20
Chloroethane	50.0	46.0		ug/Kg		92	65 - 130	0	20
Chloroform	50.0	52.2		ug/Kg		104	77 - 127	0	20
Chloromethane	50.0	40.4		ug/Kg		81	55 - 140	1	20
2-Chlorotoluene	50.0	50.4		ug/Kg		101	70 - 138	3	20
4-Chlorotoluene	50.0	49.1		ug/Kg		98	70 - 136	3	20
Chlorodibromomethane	50.0	58.1		ug/Kg		116	70 - 146	7	20
1,2-Dichlorobenzene	50.0	50.6		ug/Kg		101	70 - 130	1	20
1,3-Dichlorobenzene	50.0	51.8		ug/Kg		104	70 - 131	2	20
1,4-Dichlorobenzene	50.0	50.5		ug/Kg		101	70 - 130	2	20
1,3-Dichloropropane	50.0	52.6		ug/Kg		105	70 - 140	5	20
1,1-Dichloropropene	50.0	49.5		ug/Kg		99	70 - 130	1	20

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

Lab Sample ID: LCSD 720-153134/6
Matrix: Solid
Analysis Batch: 153134

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-Dibromo-3-Chloropropane	50.0	47.6		ug/Kg		95	60 - 145	11	20
Ethylene Dibromide	50.0	55.4		ug/Kg		111	70 - 140	10	20
Dibromomethane	50.0	54.5		ug/Kg		109	70 - 139	6	20
Dichlorodifluoromethane	50.0	42.9		ug/Kg		86	37 - 158	3	20
1,1-Dichloroethane	50.0	46.2		ug/Kg		92	70 - 130	1	20
1,2-Dichloroethane	50.0	52.8		ug/Kg		106	70 - 130	6	20
1,1-Dichloroethene	50.0	34.7	*	ug/Kg		69	76 - 122	3	20
cis-1,2-Dichloroethene	50.0	47.9		ug/Kg		96	70 - 138	1	20
trans-1,2-Dichloroethene	50.0	43.7		ug/Kg		87	67 - 130	2	20
1,2-Dichloropropane	50.0	46.8		ug/Kg		94	73 - 127	3	20
cis-1,3-Dichloropropene	50.0	53.3		ug/Kg		107	68 - 147	3	20
trans-1,3-Dichloropropene	50.0	59.0		ug/Kg		118	70 - 136	6	20
Ethylbenzene	50.0	47.8		ug/Kg		96	80 - 137	3	20
Hexachlorobutadiene	50.0	49.2		ug/Kg		98	70 - 132	2	20
2-Hexanone	250	257		ug/Kg		103	44 - 133	20	20
Isopropylbenzene	50.0	51.0		ug/Kg		102	88 - 128	2	20
4-Isopropyltoluene	50.0	49.2		ug/Kg		98	70 - 133	5	20
Methylene Chloride	50.0	40.6		ug/Kg		81	70 - 134	4	20
4-Methyl-2-pentanone (MIBK)	250	247		ug/Kg		99	60 - 160	15	20
Naphthalene	50.0	51.1		ug/Kg		102	60 - 147	11	20
N-Propylbenzene	50.0	48.4		ug/Kg		97	70 - 130	3	20
Styrene	50.0	51.3		ug/Kg		103	70 - 130	1	20
1,1,1,2-Tetrachloroethane	50.0	53.3		ug/Kg		107	70 - 130	2	20
1,1,2,2-Tetrachloroethane	50.0	49.0		ug/Kg		98	70 - 146	9	20
Tetrachloroethene	50.0	51.2		ug/Kg		102	70 - 132	1	20
Toluene	50.0	46.7		ug/Kg		93	80 - 128	2	20
1,2,3-Trichlorobenzene	50.0	52.5		ug/Kg		105	60 - 140	6	20
1,2,4-Trichlorobenzene	50.0	52.5		ug/Kg		105	60 - 140	2	20
1,1,1-Trichloroethane	50.0	52.1		ug/Kg		104	70 - 130	1	20
1,1,2-Trichloroethane	50.0	54.8		ug/Kg		110	70 - 130	10	20
Trichloroethene	50.0	48.2		ug/Kg		96	70 - 133	2	20
Trichlorofluoromethane	50.0	56.1		ug/Kg		112	60 - 140	2	20
1,2,3-Trichloropropane	50.0	53.7		ug/Kg		107	70 - 146	9	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	38.0		ug/Kg		76	60 - 140	2	20
1,2,4-Trimethylbenzene	50.0	49.5		ug/Kg		99	70 - 130	4	20
1,3,5-Trimethylbenzene	50.0	49.5		ug/Kg		99	70 - 131	3	20
Vinyl acetate	50.0	52.4		ug/Kg		105	38 - 176	9	20
Vinyl chloride	50.0	45.3		ug/Kg		91	58 - 125	0	20
m-Xylene & p-Xylene	100	96.6		ug/Kg		97	70 - 146	2	20
o-Xylene	50.0	50.8		ug/Kg		102	70 - 140	1	20
2,2-Dichloropropane	50.0	56.3		ug/Kg		113	70 - 162	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*104*		*60 - 140*
Toluene-d8 (Surr)	*101*		*58 - 140*

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

Lab Sample ID: LCSD 720-153134/8
Matrix: Solid
Analysis Batch: 153134

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	1000	939		ug/Kg		94	61 - 128	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*45 - 131*
1,2-Dichloroethane-d4 (Surr)	*105*		*60 - 140*
Toluene-d8 (Surr)	*100*		*58 - 140*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-153050/1-A
Matrix: Solid
Analysis Batch: 153164

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 153050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		02/06/14 08:43	02/07/14 14:10	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		02/06/14 08:43	02/07/14 14:10	1
TPH-Hydraulic Oil Range (C19-C36)	ND		50		mg/Kg		02/06/14 08:43	02/07/14 14:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*84*		*40 - 130*	*02/06/14 08:43*	*02/07/14 14:10*	*1*

Lab Sample ID: LCS 720-153050/2-A
Matrix: Solid
Analysis Batch: 153164

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 153050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	83.2	68.8		mg/Kg		83	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*105*		*40 - 130*

Lab Sample ID: LCSD 720-153050/3-A
Matrix: Solid
Analysis Batch: 153164

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 153050

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	82.9	66.5		mg/Kg		80	50 - 150	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*100*		*40 - 130*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 720-153279/1-A
Matrix: Water
Analysis Batch: 153232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 153279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		02/10/14 18:35	02/11/14 01:38	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		02/10/14 18:35	02/11/14 01:38	1
TPH-Hydraulic Oil Range (C19-C36)	ND		99		ug/L		02/10/14 18:35	02/11/14 01:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*94*		*23 - 156*	*02/10/14 18:35*	*02/11/14 01:38*	*1*

Lab Sample ID: LCS 720-153279/2-A
Matrix: Water
Analysis Batch: 153233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 153279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2500	1860		ug/L		74	34 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*89*		*23 - 156*

Lab Sample ID: LCSD 720-153279/3-A
Matrix: Water
Analysis Batch: 153233

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 153279

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	2060		ug/L		83	34 - 115	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*95*		*23 - 156*

Lab Sample ID: MB 720-153428/1-A
Matrix: Waste
Analysis Batch: 153368

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 153428

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		150		mg/Kg		02/12/14 17:28	02/12/14 23:47	1
Motor Oil Range Organics [C24-C36]	ND		1000		mg/Kg		02/12/14 17:28	02/12/14 23:47	1
TPH-Hydraulic Oil Range (C19-C36)	ND		1000		mg/Kg		02/12/14 17:28	02/12/14 23:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*105*		*50 - 130*	*02/12/14 17:28*	*02/12/14 23:47*	*1*

Lab Sample ID: LCS 720-153428/2-A
Matrix: Waste
Analysis Batch: 153368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 153428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	10000	10200		mg/Kg		102	50 - 130

QC Sample Results

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 720-153428/2-A
Matrix: Waste
Analysis Batch: 153368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 153428

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*113*		*50 - 130*

Lab Sample ID: LCSD 720-153428/3-A
Matrix: Waste
Analysis Batch: 153368

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 153428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	10000	9940		mg/Kg		99	50 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*111*		*50 - 130*

Lab Sample ID: 720-55325-4 DU
Matrix: Waste
Analysis Batch: 153459

Client Sample ID: IDW-W-1
Prep Type: Total/NA
Prep Batch: 153428

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Diesel Range Organics [C10-C28]	880000		905000		mg/Kg		3	20
Motor Oil Range Organics [C24-C36]	ND		ND		mg/Kg		5	20
TPH-Hydraulic Oil Range (C19-C36)	170000		175000		mg/Kg		5	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
p-Terphenyl	*0*	*X D*	*50 - 130*

GC/MS VOA

Analysis Batch: 153040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-2	IDW-W-2	Total/NA	Water	8260B/CA_LUFTMS	
LCS 720-153040/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFTMS	
LCS 720-153040/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFTMS	
LCSD 720-153040/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFTMS	
LCSD 720-153040/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFTMS	
MB 720-153040/4	Method Blank	Total/NA	Water	8260B/CA_LUFTMS	

Analysis Batch: 153134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-3	IDW-SOIL	Total/NA	Solid	8260B/CA_LUFTMS	153161
LCS 720-153134/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFTMS	
LCS 720-153134/7	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFTMS	
LCSD 720-153134/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFTMS	
LCSD 720-153134/8	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFTMS	
MB 720-153134/4	Method Blank	Total/NA	Solid	8260B/CA_LUFTMS	

Prep Batch: 153161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-3	IDW-SOIL	Total/NA	Solid	5035	

Analysis Batch: 153453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-4	IDW-W-1	Total/NA	Waste	8260B	153472
720-55325-4	IDW-W-1	Total/NA	Waste	8260B	153472
LCS 720-153453/5	Lab Control Sample	Total/NA	Waste	8260B	
LCS 720-153453/7	Lab Control Sample	Total/NA	Waste	8260B	
LCSD 720-153453/6	Lab Control Sample Dup	Total/NA	Waste	8260B	
LCSD 720-153453/8	Lab Control Sample Dup	Total/NA	Waste	8260B	
MB 720-153453/4	Method Blank	Total/NA	Waste	8260B	

Prep Batch: 153472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-4	IDW-W-1	Total/NA	Waste	5030B	

GC Semi VOA

Prep Batch: 153050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-3	IDW-SOIL	Total/NA	Solid	3546	
LCS 720-153050/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-153050/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 153050 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-153050/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 153164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-153050/2-A	Lab Control Sample	Total/NA	Solid	8015B	153050
LCSD 720-153050/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	153050
MB 720-153050/1-A	Method Blank	Total/NA	Solid	8015B	153050

Analysis Batch: 153165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-3	IDW-SOIL	Total/NA	Solid	8015B	153050

Analysis Batch: 153232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-2	IDW-W-2	Total/NA	Water	8015B	153279
MB 720-153279/1-A	Method Blank	Total/NA	Water	8015B	153279

Analysis Batch: 153233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-153279/2-A	Lab Control Sample	Total/NA	Water	8015B	153279
LCSD 720-153279/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	153279

Prep Batch: 153279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-2	IDW-W-2	Total/NA	Water	3510C	
LCS 720-153279/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-153279/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-153279/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 153368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-153428/2-A	Lab Control Sample	Total/NA	Waste	8015B	153428
LCSD 720-153428/3-A	Lab Control Sample Dup	Total/NA	Waste	8015B	153428
MB 720-153428/1-A	Method Blank	Total/NA	Waste	8015B	153428

Prep Batch: 153428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-4	IDW-W-1	Total/NA	Waste	3580A	
720-55325-4 DU	IDW-W-1	Total/NA	Waste	3580A	
LCS 720-153428/2-A	Lab Control Sample	Total/NA	Waste	3580A	
LCSD 720-153428/3-A	Lab Control Sample Dup	Total/NA	Waste	3580A	
MB 720-153428/1-A	Method Blank	Total/NA	Waste	3580A	

Analysis Batch: 153459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-55325-4	IDW-W-1	Total/NA	Waste	8015B	153428
720-55325-4 DU	IDW-W-1	Total/NA	Waste	8015B	153428

Client Sample ID: IDW-W-2

Lab Sample ID: 720-55325-2

Date Collected: 02/05/14 15:20

Matrix: Water

Date Received: 02/05/14 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	153040	02/06/14 17:04	PDR	TAL PLS
Total/NA	Prep	3510C			153279	02/10/14 18:35	DFR	TAL PLS
Total/NA	Analysis	8015B		1	153232	02/11/14 00:02	JL	TAL PLS

Client Sample ID: IDW-SOIL

Lab Sample ID: 720-55325-3

Date Collected: 02/05/14 15:05

Matrix: Solid

Date Received: 02/05/14 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			153161	02/05/14 20:10	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	153134	02/07/14 13:33	PDR	TAL PLS
Total/NA	Prep	3546			153050	02/06/14 08:43	MRP	TAL PLS
Total/NA	Analysis	8015B		2	153165	02/07/14 16:35	JL	TAL PLS

Client Sample ID: IDW-W-1

Lab Sample ID: 720-55325-4

Date Collected: 02/05/14 15:30

Matrix: Waste

Date Received: 02/05/14 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1000	153453	02/13/14 13:29	ASC	TAL PLS
Total/NA	Prep	5030B			153472	02/13/14 08:00	ASC	TAL PLS
Total/NA	Analysis	8260B		10000	153453	02/13/14 14:21	ASC	TAL PLS
Total/NA	Prep	3580A			153428	02/12/14 17:28	AFM	TAL PLS
Total/NA	Analysis	8015B		50	153459	02/13/14 10:06	DCH	TAL PLS

Laboratory References:

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

Certification Summary

Laboratory: TestAmerica Pleasanton

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

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

Method Summary

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	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: 720-55325-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-55325-2	IDW-W-2	Water	02/05/14 15:20	02/05/14 18:00
720-55325-3	IDW-SOIL	Solid	02/05/14 15:05	02/05/14 18:00
720-55325-4	IDW-W-1	Waste	02/05/14 15:30	02/05/14 18:00

1/1

amec

CHAIN OF CUSTODY FORM

Seq. No. 1160

Lab: Test America

1465 North McDowell Blvd.
Suite 200
Petaluma, CA 94954
(707) 793-3800

Samplers: D. Allbut
510-847-8411

720-55325 151633

Job Number: OD1016c070.0008.B

Name/Location: Crown Chem

Project Manager: Avery Whitmarsh
510-663-4154

Recorder: David Allbut (Signature Required)

MATRIX				# CONTAINERS							DATE				STATION DESCRIPTION		ANALYSIS REQUESTED			
Water	Soil	Air		Unpres.	H2SO4	HNO3	HCL			SAMPLE NUMBER	YR	MO	DAY	TIME		DEPTH	8260 & BTEX, MTBE, VOCs (TPHg)	8270	TITLE 22 METALS	8015B TPHd,mo
X				2			3			IDW-W-1	14	02	05	1530			X			X
X				2			3			IDW-W-2	14	02	05	1520			X			X
	X							4		IDW-SOIL	14	02	05	1505			X			X

ADDITIONAL INFORMATION

REPORT TO: avery.whitmarsh@amec.com
david.allbut@amec.com

PO#: ~~C0122027707~~ aa C0122 03331

TAT: Standard

Comments: Field Filtered Y [✓ N]

Samples to be analyzed for BTEX, MTBE, TPH fullscan, VOCs

IDW-W-1 *ON HOLD* ~~[illegible]~~

720-55325 Chain of Custody

CHAIN OF CUSTODY RECORD

D. Allbut	David Allbut	AMEC	2/5/14/1800
Relinquished By (Signature)	(Print Name)	(Company)	(Date/Time) 1800
	Mullen [illegible]		2-5-14
Received By (Signature):	(Print Name)	(Company)	(Date/Time)
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: 3.2°

White - Laboratory Copy Yellow - Project Office Copy Pink - Field or Office Copy

F1008-E

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Salimpour, Afsaneh 720-55325-2

From: Allbut, David [David.Allbut@amec.com]
Sent: Wednesday, February 12, 2014 10:42 AM
To: Salimpour, Afsaneh
Subject: RE: Files from 720-55325-1 Crown Chevrolet

Sorry for the confusion but we would like to go ahead and run sample IDW-W-1 for the listed analyses.

Thanks,

David Allbut
Environmental Scientist
AMEC
Environment & Infrastructure, Inc.
2101 Webster Street, 12th Floor Oakland, CA 94612, USA
Tel +1 510 663 4100, fax +1 510 663 4141
Direct +1 510 663 3991, cell/mobile +1 510 847 8411
david.allbut@amec.com
amec.com
Business sustainability starts here... AMEC is committed to reducing its carbon footprint.

From: Salimpour, Afsaneh [mailto:Afsaneh.Salimpour@testamericainc.com]
Sent: Wednesday, February 12, 2014 10:08 AM
To: Allbut, David
Cc: Whitmarsh, Avery
Subject: RE: Files from 720-55325-1 Crown Chevrolet

For TPH -d the holding time is up today.

AFSANEH SALIMPOUR
Senior Project Manager
TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
1220 Quarry Lane
Pleasanton, CA 94566
Tel 925.484.1919 | Fax 925.600.3002
www.testamericainc.com

720-55325 Chain of Custody

RUSH

From: Allbut, David [mailto:David.Allbut@amec.com]
Sent: Wednesday, February 12, 2014 10:05 AM
To: Salimpour, Afsaneh
Cc: Whitmarsh, Avery

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-55325-1

Login Number: 55325

List Number: 1

Creator: Gonzales, Justinn

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: 720-56805-1
Client Project/Site: Crown Chevrolet Cadillac Isuzu

For:
AMEC Environment & Infrastructure, Inc.
2101 Webster Street, 12th Floor
Oakland, California 94612

Attn: Avery Whitmarsh

Authorized for release by:
4/23/2014 5:13:21 PM

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

Table of Contents

Definitions/Glossary

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
*	LCS or LCSD exceeds the control limits

Glossary

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

Case Narrative

Job ID: 720-56805-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-56805-1

Comments
No additional comments.

Receipt
The samples were received on 4/16/2014 3:35 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9° C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS)for batch <<157538>> recovered outside control limits for the following analytes: <<Tetrachloroethene>>. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: MP-03-1 (720-56805-2), MW-01 (720-56805-6), MW-100 (720-56805-7). <<Tetrachloroethene>>

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: MP-04-1 (720-56805-5). <<Tetrachloroethene and trichloroethene>>

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: MP-02-2 (720-56805-11). <<cis-1,2-dichloroethene>>

No other analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 720-56805-1

Client Sample ID: MP-03-2

Lab Sample ID: 720-56805-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.58		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-03-1

Lab Sample ID: 720-56805-2

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	98	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	8.3	J	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: TB041614-1

Lab Sample ID: 720-56805-3

No Detections.

Client Sample ID: MP-03-3

Lab Sample ID: 720-56805-4

No Detections.

Client Sample ID: MP-04-1

Lab Sample ID: 720-56805-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	21	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	57	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	80	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-01

Lab Sample ID: 720-56805-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	120	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.2	J	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: MW-100

Lab Sample ID: 720-56805-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	190	J	1.0		ug/L	2		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.7	J	1.0		ug/L	2		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	170	R	100		ug/L	2		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client Sample ID: MP-04-2 — Lab Sample ID: 720-56805-8

No Detections.

Client Sample ID: MP-04-3 — Lab Sample ID: 720-56805-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.63		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-03 — Lab Sample ID: 720-56805-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.9		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
1,2-Dichlorobenzene	3.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
cis-1,2-Dichloroethene	1.8		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	30	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	17	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-2 — Lab Sample ID: 720-56805-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	58		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	2.3		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	52	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-3 — Lab Sample ID: 720-56805-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-02 — Lab Sample ID: 720-56805-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.9		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	15	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	12	J	0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

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

Client Sample ID: MP-03-2
Date Collected: 04/16/14 08:15
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 14:52	1
Acetone	ND		50		ug/L			04/17/14 14:52	1
Benzene	ND		0.50		ug/L			04/17/14 14:52	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 14:52	1
Bromobenzene	ND		1.0		ug/L			04/17/14 14:52	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 14:52	1
Bromoform	ND		1.0		ug/L			04/17/14 14:52	1
Bromomethane	ND		1.0		ug/L			04/17/14 14:52	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 14:52	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 14:52	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 14:52	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 14:52	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 14:52	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 14:52	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 14:52	1
Chloroethane	ND		1.0		ug/L			04/17/14 14:52	1
Chloroform	ND		1.0		ug/L			04/17/14 14:52	1
Chloromethane	ND		1.0		ug/L			04/17/14 14:52	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 14:52	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 14:52	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 14:52	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 14:52	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 14:52	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 14:52	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 14:52	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 14:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 14:52	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 14:52	1
Dibromomethane	ND		0.50		ug/L			04/17/14 14:52	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 14:52	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 14:52	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 14:52	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 14:52	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 14:52	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 14:52	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 14:52	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 14:52	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 14:52	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 14:52	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 14:52	1
2-Hexanone	ND		50		ug/L			04/17/14 14:52	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 14:52	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 14:52	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 14:52	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 14:52	1
Naphthalene	ND		1.0		ug/L			04/17/14 14:52	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 14:52	1
Styrene	ND		0.50		ug/L			04/17/14 14:52	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 14:52	1

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

Client Sample ID: MP-03-2
Date Collected: 04/16/14 08:15
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 14:52	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 14:52	1
Toluene	ND		0.50		ug/L			04/17/14 14:52	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 14:52	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 14:52	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 14:52	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 14:52	1
Trichloroethene	**0.58**		0.50		ug/L			04/17/14 14:52	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 14:52	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 14:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 14:52	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 14:52	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 14:52	1
Vinyl acetate	ND		10		ug/L			04/17/14 14:52	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 14:52	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 14:52	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 14:52	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*		*04/17/14 14:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 130*		*04/17/14 14:52*	*1*
Toluene-d8 (Surr)	*119*		*70 - 130*		*04/17/14 14:52*	*1*

Client Sample ID: MP-03-1
Date Collected: 04/16/14 08:45
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 15:20	1
Acetone	ND		50		ug/L			04/17/14 15:20	1
Benzene	ND		0.50		ug/L			04/17/14 15:20	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 15:20	1
Bromobenzene	ND		1.0		ug/L			04/17/14 15:20	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 15:20	1
Bromoform	ND		1.0		ug/L			04/17/14 15:20	1
Bromomethane	ND		1.0		ug/L			04/17/14 15:20	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 15:20	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 15:20	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 15:20	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 15:20	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 15:20	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 15:20	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 15:20	1
Chloroethane	ND		1.0		ug/L			04/17/14 15:20	1
Chloroform	ND		1.0		ug/L			04/17/14 15:20	1
Chloromethane	ND		1.0		ug/L			04/17/14 15:20	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 15:20	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 15:20	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 15:20	1

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

Client Sample ID: MP-03-1
Date Collected: 04/16/14 08:45
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 15:20	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 15:20	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 15:20	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 15:20	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 15:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 15:20	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 15:20	1
Dibromomethane	ND		0.50		ug/L			04/17/14 15:20	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 15:20	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 15:20	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 15:20	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 15:20	1
cis-1,2-Dichloroethene	**0.63**		0.50		ug/L			04/17/14 15:20	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 15:20	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 15:20	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 15:20	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 15:20	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 15:20	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 15:20	1
2-Hexanone	ND		50		ug/L			04/17/14 15:20	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 15:20	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 15:20	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 15:20	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 15:20	1
Naphthalene	ND		1.0		ug/L			04/17/14 15:20	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 15:20	1
Styrene	ND		0.50		ug/L			04/17/14 15:20	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 15:20	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 15:20	1
Tetrachloroethene	**98**	J	0.50		ug/L			04/17/14 15:20	1
Toluene	ND		0.50		ug/L			04/17/14 15:20	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 15:20	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 15:20	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 15:20	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 15:20	1
Trichloroethene	**8.3**	J	0.50		ug/L			04/17/14 15:20	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 15:20	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 15:20	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 15:20	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 15:20	1
Vinyl acetate	ND		10		ug/L			04/17/14 15:20	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 15:20	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 15:20	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 15:20	1
Gasoline Range Organics (GRO) -C5-C12	**110**	R	50		ug/L			04/17/14 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*67 - 130*		*04/17/14 15:20*	*1*

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

Client Sample ID: MP-03-1
Date Collected: 04/16/14 08:45
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		72 - 130		04/17/14 15:20	1
Toluene-d8 (Surr)	118		70 - 130		04/17/14 15:20	1

Client Sample ID: TB041614-1
Date Collected: 04/16/14 09:00
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 12:22	1
Acetone	ND		50		ug/L			04/17/14 12:22	1
Benzene	ND		0.50		ug/L			04/17/14 12:22	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 12:22	1
Bromobenzene	ND		1.0		ug/L			04/17/14 12:22	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 12:22	1
Bromoform	ND		1.0		ug/L			04/17/14 12:22	1
Bromomethane	ND		1.0		ug/L			04/17/14 12:22	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 12:22	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 12:22	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 12:22	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 12:22	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 12:22	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 12:22	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 12:22	1
Chloroethane	ND		1.0		ug/L			04/17/14 12:22	1
Chloroform	ND		1.0		ug/L			04/17/14 12:22	1
Chloromethane	ND		1.0		ug/L			04/17/14 12:22	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 12:22	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 12:22	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 12:22	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 12:22	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 12:22	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 12:22	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 12:22	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 12:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 12:22	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 12:22	1
Dibromomethane	ND		0.50		ug/L			04/17/14 12:22	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 12:22	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 12:22	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 12:22	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 12:22	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 12:22	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 12:22	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 12:22	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 12:22	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 12:22	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 12:22	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 12:22	1
2-Hexanone	ND		50		ug/L			04/17/14 12:22	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 12:22	1

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

Client Sample ID: TB041614-1
Date Collected: 04/16/14 09:00
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 12:22	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 12:22	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 12:22	1
Naphthalene	ND		1.0		ug/L			04/17/14 12:22	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 12:22	1
Styrene	ND		0.50		ug/L			04/17/14 12:22	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 12:22	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 12:22	1
Tetrachloroethene	ND	*	0.50		ug/L			04/17/14 12:22	1
Toluene	ND		0.50		ug/L			04/17/14 12:22	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 12:22	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 12:22	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 12:22	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 12:22	1
Trichloroethene	ND		0.50		ug/L			04/17/14 12:22	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 12:22	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 12:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 12:22	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 12:22	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 12:22	1
Vinyl acetate	ND		10		ug/L			04/17/14 12:22	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 12:22	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 12:22	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 12:22	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*04/17/14 12:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 130*		*04/17/14 12:22*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/17/14 12:22*	*1*

Client Sample ID: MP-03-3
Date Collected: 04/16/14 09:15
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 15:48	1
Acetone	ND		50		ug/L			04/17/14 15:48	1
Benzene	ND		0.50		ug/L			04/17/14 15:48	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 15:48	1
Bromobenzene	ND		1.0		ug/L			04/17/14 15:48	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 15:48	1
Bromoform	ND		1.0		ug/L			04/17/14 15:48	1
Bromomethane	ND		1.0		ug/L			04/17/14 15:48	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 15:48	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 15:48	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 15:48	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 15:48	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 15:48	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 15:48	1

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

Client Sample ID: MP-03-3 **Lab Sample ID: 720-56805-4**
Date Collected: 04/16/14 09:15 **Matrix: Water**
Date Received: 04/16/14 15:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			04/17/14 15:48	1
Chloroethane	ND		1.0		ug/L			04/17/14 15:48	1
Chloroform	ND		1.0		ug/L			04/17/14 15:48	1
Chloromethane	ND		1.0		ug/L			04/17/14 15:48	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 15:48	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 15:48	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 15:48	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 15:48	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 15:48	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 15:48	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 15:48	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 15:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 15:48	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 15:48	1
Dibromomethane	ND		0.50		ug/L			04/17/14 15:48	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 15:48	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 15:48	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 15:48	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 15:48	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 15:48	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 15:48	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 15:48	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 15:48	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 15:48	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 15:48	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 15:48	1
2-Hexanone	ND		50		ug/L			04/17/14 15:48	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 15:48	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 15:48	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 15:48	1
Naphthalene	ND		1.0		ug/L			04/17/14 15:48	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 15:48	1
Styrene	ND		0.50		ug/L			04/17/14 15:48	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 15:48	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 15:48	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 15:48	1
Toluene	ND		0.50		ug/L			04/17/14 15:48	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 15:48	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 15:48	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 15:48	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 15:48	1
Trichloroethene	ND		0.50		ug/L			04/17/14 15:48	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 15:48	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 15:48	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 15:48	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 15:48	1
Vinyl acetate	ND		10		ug/L			04/17/14 15:48	1

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

Client Sample ID: MP-03-3
Date Collected: 04/16/14 09:15
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			04/17/14 15:48	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 15:48	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 15:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*67 - 130*		*04/17/14 15:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 130*		*04/17/14 15:48*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/17/14 15:48*	*1*

Client Sample ID: MP-04-1
Date Collected: 04/16/14 09:55
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 16:17	1
Acetone	ND		50		ug/L			04/17/14 16:17	1
Benzene	ND		0.50		ug/L			04/17/14 16:17	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 16:17	1
Bromobenzene	ND		1.0		ug/L			04/17/14 16:17	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 16:17	1
Bromoform	ND		1.0		ug/L			04/17/14 16:17	1
Bromomethane	ND		1.0		ug/L			04/17/14 16:17	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 16:17	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 16:17	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 16:17	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 16:17	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 16:17	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 16:17	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 16:17	1
Chloroethane	ND		1.0		ug/L			04/17/14 16:17	1
Chloroform	ND		1.0		ug/L			04/17/14 16:17	1
Chloromethane	ND		1.0		ug/L			04/17/14 16:17	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 16:17	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 16:17	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 16:17	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 16:17	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 16:17	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 16:17	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 16:17	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 16:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 16:17	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 16:17	1
Dibromomethane	ND		0.50		ug/L			04/17/14 16:17	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 16:17	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 16:17	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 16:17	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 16:17	1
cis-1,2-Dichloroethene	**2.7**		0.50		ug/L			04/17/14 16:17	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 16:17	1

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

Client Sample ID: MP-04-1
Date Collected: 04/16/14 09:55
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 16:17	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 16:17	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 16:17	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 16:17	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 16:17	1
2-Hexanone	ND		50		ug/L			04/17/14 16:17	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 16:17	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 16:17	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 16:17	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 16:17	1
Naphthalene	ND		1.0		ug/L			04/17/14 16:17	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 16:17	1
Styrene	ND		0.50		ug/L			04/17/14 16:17	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 16:17	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 16:17	1
Tetrachloroethene	**21**	J	0.50		ug/L			04/17/14 16:17	1
Toluene	ND		0.50		ug/L			04/17/14 16:17	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 16:17	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 16:17	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 16:17	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 16:17	1
Trichloroethene	**57**	J	0.50		ug/L			04/17/14 16:17	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 16:17	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 16:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 16:17	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 16:17	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 16:17	1
Vinyl acetate	ND		10		ug/L			04/17/14 16:17	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 16:17	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 16:17	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 16:17	1
Gasoline Range Organics (GRO) -C5-C12	**80**	R	50		ug/L			04/17/14 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*04/17/14 16:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 130*		*04/17/14 16:17*	*1*
Toluene-d8 (Surr)	*118*		*70 - 130*		*04/17/14 16:17*	*1*

Client Sample ID: MW-01
Date Collected: 04/16/14 11:20
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 16:45	1
Acetone	ND		50		ug/L			04/17/14 16:45	1
Benzene	ND		0.50		ug/L			04/17/14 16:45	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 16:45	1
Bromobenzene	ND		1.0		ug/L			04/17/14 16:45	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 16:45	1
Bromoform	ND		1.0		ug/L			04/17/14 16:45	1

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

Client Sample ID: MW-01
Date Collected: 04/16/14 11:20
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			04/17/14 16:45	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 16:45	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 16:45	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 16:45	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 16:45	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 16:45	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 16:45	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 16:45	1
Chloroethane	ND		1.0		ug/L			04/17/14 16:45	1
Chloroform	ND		1.0		ug/L			04/17/14 16:45	1
Chloromethane	ND		1.0		ug/L			04/17/14 16:45	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 16:45	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 16:45	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 16:45	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 16:45	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 16:45	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 16:45	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 16:45	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 16:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 16:45	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 16:45	1
Dibromomethane	ND		0.50		ug/L			04/17/14 16:45	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 16:45	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 16:45	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 16:45	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 16:45	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 16:45	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 16:45	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 16:45	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 16:45	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 16:45	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 16:45	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 16:45	1
2-Hexanone	ND		50		ug/L			04/17/14 16:45	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 16:45	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 16:45	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 16:45	1
Naphthalene	ND		1.0		ug/L			04/17/14 16:45	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 16:45	1
Styrene	ND		0.50		ug/L			04/17/14 16:45	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 16:45	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 16:45	1
Tetrachloroethene	**120**	J	0.50		ug/L			04/17/14 16:45	1
Toluene	ND		0.50		ug/L			04/17/14 16:45	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 16:45	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 16:45	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 16:45	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 16:45	1

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

Client Sample ID: MW-01
Lab Sample ID: 720-56805-6
Date Collected: 04/16/14 11:20
Matrix: Water
Date Received: 04/16/14 15:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**1.2**	J	0.50		ug/L			04/17/14 16:45	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 16:45	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 16:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 16:45	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 16:45	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 16:45	1
Vinyl acetate	ND		10		ug/L			04/17/14 16:45	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 16:45	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 16:45	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 16:45	1
Gasoline Range Organics (GRO) -C5-C12	**110**	R	50		ug/L			04/17/14 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*04/17/14 16:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 130*		*04/17/14 16:45*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*04/17/14 16:45*	*1*

Client Sample ID: MW-100
Lab Sample ID: 720-56805-7
Date Collected: 04/16/14 11:25
Matrix: Water
Date Received: 04/16/14 15:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0		ug/L			04/17/14 17:13	2
Acetone	ND		100		ug/L			04/17/14 17:13	2
Benzene	ND		1.0		ug/L			04/17/14 17:13	2
Dichlorobromomethane	ND		1.0		ug/L			04/17/14 17:13	2
Bromobenzene	ND		2.0		ug/L			04/17/14 17:13	2
Chlorobromomethane	ND		2.0		ug/L			04/17/14 17:13	2
Bromoform	ND		2.0		ug/L			04/17/14 17:13	2
Bromomethane	ND		2.0		ug/L			04/17/14 17:13	2
2-Butanone (MEK)	ND		100		ug/L			04/17/14 17:13	2
n-Butylbenzene	ND		2.0		ug/L			04/17/14 17:13	2
sec-Butylbenzene	ND		2.0		ug/L			04/17/14 17:13	2
tert-Butylbenzene	ND		2.0		ug/L			04/17/14 17:13	2
Carbon disulfide	ND		10		ug/L			04/17/14 17:13	2
Carbon tetrachloride	ND		1.0		ug/L			04/17/14 17:13	2
Chlorobenzene	ND		1.0		ug/L			04/17/14 17:13	2
Chloroethane	ND		2.0		ug/L			04/17/14 17:13	2
Chloroform	ND		2.0		ug/L			04/17/14 17:13	2
Chloromethane	ND		2.0		ug/L			04/17/14 17:13	2
2-Chlorotoluene	ND		1.0		ug/L			04/17/14 17:13	2
4-Chlorotoluene	ND		1.0		ug/L			04/17/14 17:13	2
Chlorodibromomethane	ND		1.0		ug/L			04/17/14 17:13	2
1,2-Dichlorobenzene	ND		1.0		ug/L			04/17/14 17:13	2
1,3-Dichlorobenzene	ND		1.0		ug/L			04/17/14 17:13	2
1,4-Dichlorobenzene	ND		1.0		ug/L			04/17/14 17:13	2
1,3-Dichloropropane	ND		2.0		ug/L			04/17/14 17:13	2
1,1-Dichloropropene	ND		1.0		ug/L			04/17/14 17:13	2
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			04/17/14 17:13	2
Ethylene Dibromide	ND		1.0		ug/L			04/17/14 17:13	2

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

Client Sample ID: MW-100
Date Collected: 04/16/14 11:25
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		1.0		ug/L			04/17/14 17:13	2
Dichlorodifluoromethane	ND		1.0		ug/L			04/17/14 17:13	2
1,1-Dichloroethane	ND		1.0		ug/L			04/17/14 17:13	2
1,2-Dichloroethane	ND		1.0		ug/L			04/17/14 17:13	2
1,1-Dichloroethene	ND		1.0		ug/L			04/17/14 17:13	2
cis-1,2-Dichloroethene	ND		1.0		ug/L			04/17/14 17:13	2
trans-1,2-Dichloroethene	ND		1.0		ug/L			04/17/14 17:13	2
1,2-Dichloropropane	ND		1.0		ug/L			04/17/14 17:13	2
cis-1,3-Dichloropropene	ND		1.0		ug/L			04/17/14 17:13	2
trans-1,3-Dichloropropene	ND		1.0		ug/L			04/17/14 17:13	2
Ethylbenzene	ND		1.0		ug/L			04/17/14 17:13	2
Hexachlorobutadiene	ND		2.0		ug/L			04/17/14 17:13	2
2-Hexanone	ND		100		ug/L			04/17/14 17:13	2
Isopropylbenzene	ND		1.0		ug/L			04/17/14 17:13	2
4-Isopropyltoluene	ND		2.0		ug/L			04/17/14 17:13	2
Methylene Chloride	ND		10		ug/L			04/17/14 17:13	2
4-Methyl-2-pentanone (MIBK)	ND		100		ug/L			04/17/14 17:13	2
Naphthalene	ND		2.0		ug/L			04/17/14 17:13	2
N-Propylbenzene	ND		2.0		ug/L			04/17/14 17:13	2
Styrene	ND		1.0		ug/L			04/17/14 17:13	2
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			04/17/14 17:13	2
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			04/17/14 17:13	2
Tetrachloroethene	**190**	J	1.0		ug/L			04/17/14 17:13	2
Toluene	ND		1.0		ug/L			04/17/14 17:13	2
1,2,3-Trichlorobenzene	ND		2.0		ug/L			04/17/14 17:13	2
1,2,4-Trichlorobenzene	ND		2.0		ug/L			04/17/14 17:13	2
1,1,1-Trichloroethane	ND		1.0		ug/L			04/17/14 17:13	2
1,1,2-Trichloroethane	ND		1.0		ug/L			04/17/14 17:13	2
Trichloroethene	**1.7**	J	1.0		ug/L			04/17/14 17:13	2
Trichlorofluoromethane	ND		2.0		ug/L			04/17/14 17:13	2
1,2,3-Trichloropropane	ND		1.0		ug/L			04/17/14 17:13	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			04/17/14 17:13	2
1,2,4-Trimethylbenzene	ND		1.0		ug/L			04/17/14 17:13	2
1,3,5-Trimethylbenzene	ND		1.0		ug/L			04/17/14 17:13	2
Vinyl acetate	ND		20		ug/L			04/17/14 17:13	2
Vinyl chloride	ND		1.0		ug/L			04/17/14 17:13	2
Xylenes, Total	ND		2.0		ug/L			04/17/14 17:13	2
2,2-Dichloropropane	ND		1.0		ug/L			04/17/14 17:13	2
Gasoline Range Organics (GRO) -C5-C12	**170**	R	100		ug/L			04/17/14 17:13	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*04/17/14 17:13*	*2*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 130*		*04/17/14 17:13*	*2*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/17/14 17:13*	*2*

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

Client Sample ID: MP-04-2
Date Collected: 04/16/14 12:45
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 17:42	1
Acetone	ND		50		ug/L			04/17/14 17:42	1
Benzene	ND		0.50		ug/L			04/17/14 17:42	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 17:42	1
Bromobenzene	ND		1.0		ug/L			04/17/14 17:42	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 17:42	1
Bromoform	ND		1.0		ug/L			04/17/14 17:42	1
Bromomethane	ND		1.0		ug/L			04/17/14 17:42	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 17:42	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 17:42	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 17:42	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 17:42	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 17:42	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 17:42	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 17:42	1
Chloroethane	ND		1.0		ug/L			04/17/14 17:42	1
Chloroform	ND		1.0		ug/L			04/17/14 17:42	1
Chloromethane	ND		1.0		ug/L			04/17/14 17:42	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 17:42	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 17:42	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 17:42	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 17:42	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 17:42	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 17:42	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 17:42	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 17:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 17:42	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 17:42	1
Dibromomethane	ND		0.50		ug/L			04/17/14 17:42	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 17:42	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 17:42	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 17:42	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 17:42	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 17:42	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 17:42	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 17:42	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 17:42	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 17:42	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 17:42	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 17:42	1
2-Hexanone	ND		50		ug/L			04/17/14 17:42	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 17:42	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 17:42	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 17:42	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 17:42	1
Naphthalene	ND		1.0		ug/L			04/17/14 17:42	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 17:42	1
Styrene	ND		0.50		ug/L			04/17/14 17:42	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 17:42	1

Client Sample Results

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

Client Sample ID: MP-04-2
Date Collected: 04/16/14 12:45
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 17:42	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 17:42	1
Toluene	ND		0.50		ug/L			04/17/14 17:42	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 17:42	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 17:42	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 17:42	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 17:42	1
Trichloroethene	ND		0.50		ug/L			04/17/14 17:42	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 17:42	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 17:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 17:42	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 17:42	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 17:42	1
Vinyl acetate	ND		10		ug/L			04/17/14 17:42	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 17:42	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 17:42	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 17:42	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*04/17/14 17:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*		*04/17/14 17:42*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/17/14 17:42*	*1*

Client Sample ID: MP-04-3
Date Collected: 04/16/14 13:05
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 18:10	1
Acetone	ND		50		ug/L			04/17/14 18:10	1
Benzene	ND		0.50		ug/L			04/17/14 18:10	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 18:10	1
Bromobenzene	ND		1.0		ug/L			04/17/14 18:10	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 18:10	1
Bromoform	ND		1.0		ug/L			04/17/14 18:10	1
Bromomethane	ND		1.0		ug/L			04/17/14 18:10	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 18:10	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 18:10	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 18:10	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 18:10	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 18:10	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 18:10	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 18:10	1
Chloroethane	ND		1.0		ug/L			04/17/14 18:10	1
Chloroform	ND		1.0		ug/L			04/17/14 18:10	1
Chloromethane	ND		1.0		ug/L			04/17/14 18:10	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 18:10	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 18:10	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 18:10	1

Client Sample Results

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

TestAmerica Job ID: 720-56805-1

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

Client Sample ID: MP-04-3
Date Collected: 04/16/14 13:05
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 18:10	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 18:10	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 18:10	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 18:10	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 18:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 18:10	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 18:10	1
Dibromomethane	ND		0.50		ug/L			04/17/14 18:10	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 18:10	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 18:10	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 18:10	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 18:10	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 18:10	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 18:10	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 18:10	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 18:10	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 18:10	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 18:10	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 18:10	1
2-Hexanone	ND		50		ug/L			04/17/14 18:10	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 18:10	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 18:10	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 18:10	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 18:10	1
Naphthalene	ND		1.0		ug/L			04/17/14 18:10	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 18:10	1
Styrene	ND		0.50		ug/L			04/17/14 18:10	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 18:10	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 18:10	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 18:10	1
Toluene	ND		0.50		ug/L			04/17/14 18:10	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 18:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 18:10	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 18:10	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 18:10	1
Trichloroethene	**0.63**		0.50		ug/L			04/17/14 18:10	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 18:10	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 18:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 18:10	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 18:10	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 18:10	1
Vinyl acetate	ND		10		ug/L			04/17/14 18:10	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 18:10	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 18:10	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 18:10	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*04/17/14 18:10*	*1*

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

Client Sample ID: MP-04-3
Date Collected: 04/16/14 13:05
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-9
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 130*		*04/17/14 18:10*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/17/14 18:10*	*1*

Client Sample ID: MW-03
Date Collected: 04/16/14 13:40
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 18:39	1
Acetone	ND		50		ug/L			04/17/14 18:39	1
Benzene	ND		0.50		ug/L			04/17/14 18:39	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 18:39	1
Bromobenzene	ND		1.0		ug/L			04/17/14 18:39	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 18:39	1
Bromoform	ND		1.0		ug/L			04/17/14 18:39	1
Bromomethane	ND		1.0		ug/L			04/17/14 18:39	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 18:39	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 18:39	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 18:39	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 18:39	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 18:39	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 18:39	1
Chlorobenzene	**1.9**		0.50		ug/L			04/17/14 18:39	1
Chloroethane	ND		1.0		ug/L			04/17/14 18:39	1
Chloroform	ND		1.0		ug/L			04/17/14 18:39	1
Chloromethane	ND		1.0		ug/L			04/17/14 18:39	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 18:39	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 18:39	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 18:39	1
1,2-Dichlorobenzene	**3.0**		0.50		ug/L			04/17/14 18:39	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 18:39	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 18:39	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 18:39	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 18:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 18:39	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 18:39	1
Dibromomethane	ND		0.50		ug/L			04/17/14 18:39	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 18:39	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 18:39	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 18:39	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 18:39	1
cis-1,2-Dichloroethene	**1.8**		0.50		ug/L			04/17/14 18:39	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 18:39	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 18:39	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 18:39	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 18:39	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 18:39	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 18:39	1
2-Hexanone	ND		50		ug/L			04/17/14 18:39	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 18:39	1

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

Client Sample ID: MW-03
Date Collected: 04/16/14 13:40
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 18:39	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 18:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 18:39	1
Naphthalene	ND		1.0		ug/L			04/17/14 18:39	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 18:39	1
Styrene	ND		0.50		ug/L			04/17/14 18:39	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 18:39	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 18:39	1
Tetrachloroethene	**30**	J	0.50		ug/L			04/17/14 18:39	1
Toluene	ND		0.50		ug/L			04/17/14 18:39	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 18:39	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 18:39	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 18:39	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 18:39	1
Trichloroethene	**17**	J	0.50		ug/L			04/17/14 18:39	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 18:39	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 18:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 18:39	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 18:39	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 18:39	1
Vinyl acetate	ND		10		ug/L			04/17/14 18:39	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 18:39	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 18:39	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 18:39	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*04/17/14 18:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 130*		*04/17/14 18:39*	*1*
Toluene-d8 (Surr)	*118*		*70 - 130*		*04/17/14 18:39*	*1*

Client Sample ID: MP-02-2
Date Collected: 04/16/14 12:15
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 19:07	1
Acetone	ND		50		ug/L			04/17/14 19:07	1
Benzene	ND		0.50		ug/L			04/17/14 19:07	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 19:07	1
Bromobenzene	ND		1.0		ug/L			04/17/14 19:07	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 19:07	1
Bromoform	ND		1.0		ug/L			04/17/14 19:07	1
Bromomethane	ND		1.0		ug/L			04/17/14 19:07	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 19:07	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 19:07	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 19:07	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 19:07	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 19:07	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 19:07	1

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

Client Sample ID: MP-02-2
Date Collected: 04/16/14 12:15
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			04/17/14 19:07	1
Chloroethane	ND		1.0		ug/L			04/17/14 19:07	1
Chloroform	ND		1.0		ug/L			04/17/14 19:07	1
Chloromethane	ND		1.0		ug/L			04/17/14 19:07	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 19:07	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 19:07	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 19:07	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 19:07	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 19:07	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 19:07	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 19:07	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 19:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 19:07	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 19:07	1
Dibromomethane	ND		0.50		ug/L			04/17/14 19:07	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 19:07	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 19:07	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 19:07	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 19:07	1
cis-1,2-Dichloroethene	**58**		0.50		ug/L			04/17/14 19:07	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 19:07	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 19:07	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 19:07	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 19:07	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 19:07	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 19:07	1
2-Hexanone	ND		50		ug/L			04/17/14 19:07	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 19:07	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 19:07	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 19:07	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 19:07	1
Naphthalene	ND		1.0		ug/L			04/17/14 19:07	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 19:07	1
Styrene	ND		0.50		ug/L			04/17/14 19:07	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 19:07	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 19:07	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 19:07	1
Toluene	ND		0.50		ug/L			04/17/14 19:07	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 19:07	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 19:07	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 19:07	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 19:07	1
Trichloroethene	**2.3**		0.50		ug/L			04/17/14 19:07	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 19:07	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 19:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 19:07	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 19:07	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 19:07	1
Vinyl acetate	ND		10		ug/L			04/17/14 19:07	1

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

Client Sample ID: MP-02-2
Lab Sample ID: 720-56805-11
Date Collected: 04/16/14 12:15
Matrix: Water
Date Received: 04/16/14 15:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			04/17/14 19:07	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 19:07	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 19:07	1
Gasoline Range Organics (GRO) -C5-C12	**52**		50		ug/L			04/17/14 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*04/17/14 19:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 130*		*04/17/14 19:07*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*04/17/14 19:07*	*1*

Client Sample ID: MP-02-3
Lab Sample ID: 720-56805-12
Date Collected: 04/16/14 13:05
Matrix: Water
Date Received: 04/16/14 15:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 19:35	1
Acetone	ND		50		ug/L			04/17/14 19:35	1
Benzene	ND		0.50		ug/L			04/17/14 19:35	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 19:35	1
Bromobenzene	ND		1.0		ug/L			04/17/14 19:35	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 19:35	1
Bromoform	ND		1.0		ug/L			04/17/14 19:35	1
Bromomethane	ND		1.0		ug/L			04/17/14 19:35	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 19:35	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 19:35	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 19:35	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 19:35	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 19:35	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 19:35	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 19:35	1
Chloroethane	ND		1.0		ug/L			04/17/14 19:35	1
Chloroform	ND		1.0		ug/L			04/17/14 19:35	1
Chloromethane	ND		1.0		ug/L			04/17/14 19:35	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 19:35	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 19:35	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 19:35	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 19:35	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 19:35	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 19:35	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 19:35	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 19:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 19:35	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 19:35	1
Dibromomethane	ND		0.50		ug/L			04/17/14 19:35	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 19:35	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 19:35	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 19:35	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 19:35	1
cis-1,2-Dichloroethene	**1.7**		0.50		ug/L			04/17/14 19:35	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 19:35	1

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

Client Sample ID: MP-02-3
Date Collected: 04/16/14 13:05
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 19:35	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 19:35	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 19:35	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 19:35	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 19:35	1
2-Hexanone	ND		50		ug/L			04/17/14 19:35	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 19:35	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 19:35	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 19:35	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 19:35	1
Naphthalene	ND		1.0		ug/L			04/17/14 19:35	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 19:35	1
Styrene	ND		0.50		ug/L			04/17/14 19:35	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 19:35	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 19:35	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 19:35	1
Toluene	ND		0.50		ug/L			04/17/14 19:35	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 19:35	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 19:35	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 19:35	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 19:35	1
Trichloroethene	ND		0.50		ug/L			04/17/14 19:35	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 19:35	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 19:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 19:35	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 19:35	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 19:35	1
Vinyl acetate	ND		10		ug/L			04/17/14 19:35	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 19:35	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 19:35	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 19:35	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*04/17/14 19:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 130*		*04/17/14 19:35*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/17/14 19:35*	*1*

Client Sample ID: MW-02
Date Collected: 04/16/14 13:50
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 14:23	1
Acetone	ND		50		ug/L			04/17/14 14:23	1
Benzene	ND		0.50		ug/L			04/17/14 14:23	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 14:23	1
Bromobenzene	ND		1.0		ug/L			04/17/14 14:23	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 14:23	1
Bromoform	ND		1.0		ug/L			04/17/14 14:23	1

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

Client Sample ID: MW-02
Date Collected: 04/16/14 13:50
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			04/17/14 14:23	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 14:23	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 14:23	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 14:23	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 14:23	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 14:23	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 14:23	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 14:23	1
Chloroethane	ND		1.0		ug/L			04/17/14 14:23	1
Chloroform	ND		1.0		ug/L			04/17/14 14:23	1
Chloromethane	ND		1.0		ug/L			04/17/14 14:23	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 14:23	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 14:23	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 14:23	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 14:23	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 14:23	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 14:23	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 14:23	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 14:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 14:23	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 14:23	1
Dibromomethane	ND		0.50		ug/L			04/17/14 14:23	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 14:23	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 14:23	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 14:23	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 14:23	1
cis-1,2-Dichloroethene	**2.9**		0.50		ug/L			04/17/14 14:23	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 14:23	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 14:23	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 14:23	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 14:23	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 14:23	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 14:23	1
2-Hexanone	ND		50		ug/L			04/17/14 14:23	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 14:23	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 14:23	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 14:23	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 14:23	1
Naphthalene	ND		1.0		ug/L			04/17/14 14:23	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 14:23	1
Styrene	ND		0.50		ug/L			04/17/14 14:23	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 14:23	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 14:23	1
Tetrachloroethene	**15**	J	0.50		ug/L			04/17/14 14:23	1
Toluene	ND		0.50		ug/L			04/17/14 14:23	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 14:23	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 14:23	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 14:23	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 14:23	1

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

Client Sample ID: MW-02
Date Collected: 04/16/14 13:50
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**12**	J	0.50		ug/L			04/17/14 14:23	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 14:23	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 14:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 14:23	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 14:23	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 14:23	1
Vinyl acetate	ND		10		ug/L			04/17/14 14:23	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 14:23	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 14:23	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 14:23	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*67 - 130*		*04/17/14 14:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 130*		*04/17/14 14:23*	*1*
Toluene-d8 (Surr)	*118*		*70 - 130*		*04/17/14 14:23*	*1*

QC Sample Results

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

Lab Sample ID: MB 720-157538/7
Matrix: Water
Analysis Batch: 157538

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			04/17/14 10:11	1
Acetone	ND		50		ug/L			04/17/14 10:11	1
Benzene	ND		0.50		ug/L			04/17/14 10:11	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 10:11	1
Bromobenzene	ND		1.0		ug/L			04/17/14 10:11	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 10:11	1
Bromoform	ND		1.0		ug/L			04/17/14 10:11	1
Bromomethane	ND		1.0		ug/L			04/17/14 10:11	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 10:11	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 10:11	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 10:11	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 10:11	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 10:11	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 10:11	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 10:11	1
Chloroethane	ND		1.0		ug/L			04/17/14 10:11	1
Chloroform	ND		1.0		ug/L			04/17/14 10:11	1
Chloromethane	ND		1.0		ug/L			04/17/14 10:11	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 10:11	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 10:11	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 10:11	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 10:11	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 10:11	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 10:11	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 10:11	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 10:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 10:11	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 10:11	1
Dibromomethane	ND		0.50		ug/L			04/17/14 10:11	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 10:11	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 10:11	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 10:11	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 10:11	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 10:11	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 10:11	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 10:11	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 10:11	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 10:11	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 10:11	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 10:11	1
2-Hexanone	ND		50		ug/L			04/17/14 10:11	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 10:11	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 10:11	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 10:11	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 10:11	1
Naphthalene	ND		1.0		ug/L			04/17/14 10:11	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 10:11	1
Styrene	ND		0.50		ug/L			04/17/14 10:11	1

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

Lab Sample ID: MB 720-157538/7
Matrix: Water
Analysis Batch: 157538

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			04/17/14 10:11	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 10:11	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 10:11	1
Toluene	ND		0.50		ug/L			04/17/14 10:11	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 10:11	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 10:11	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 10:11	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 10:11	1
Trichloroethene	ND		0.50		ug/L			04/17/14 10:11	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 10:11	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 10:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 10:11	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 10:11	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 10:11	1
Vinyl acetate	ND		10		ug/L			04/17/14 10:11	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 10:11	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 10:11	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 10:11	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 10:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 130*		*04/17/14 10:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*		*04/17/14 10:11*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/17/14 10:11*	*1*

Lab Sample ID: LCS 720-157538/10
Matrix: Water
Analysis Batch: 157538

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	570		ug/L		114	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCS 720-157538/8
Matrix: Water
Analysis Batch: 157538

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	26.6		ug/L		106	62 - 130
Acetone	125	124		ug/L		99	26 - 180
Benzene	25.0	27.0		ug/L		108	79 - 130
Dichlorobromomethane	25.0	29.3		ug/L		117	70 - 130

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

Lab Sample ID: LCS 720-157538/8
Matrix: Water
Analysis Batch: 157538

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	25.0	29.0		ug/L		116	70 - 130
Chlorobromomethane	25.0	29.0		ug/L		116	70 - 130
Bromoform	25.0	30.7		ug/L		123	68 - 136
Bromomethane	25.0	28.4		ug/L		114	43 - 151
2-Butanone (MEK)	125	127		ug/L		102	54 - 130
n-Butylbenzene	25.0	29.5		ug/L		118	70 - 142
sec-Butylbenzene	25.0	29.7		ug/L		119	70 - 134
tert-Butylbenzene	25.0	29.9		ug/L		119	70 - 135
Carbon disulfide	25.0	24.0		ug/L		96	58 - 130
Carbon tetrachloride	25.0	31.2		ug/L		125	70 - 146
Chlorobenzene	25.0	29.0		ug/L		116	70 - 130
Chloroethane	25.0	27.2		ug/L		109	62 - 138
Chloroform	25.0	29.5		ug/L		118	70 - 130
Chloromethane	25.0	27.8		ug/L		111	52 - 175
2-Chlorotoluene	25.0	28.8		ug/L		115	70 - 130
4-Chlorotoluene	25.0	28.4		ug/L		113	70 - 130
Chlorodibromomethane	25.0	31.6		ug/L		126	70 - 145
1,2-Dichlorobenzene	25.0	28.2		ug/L		113	70 - 130
1,3-Dichlorobenzene	25.0	29.5		ug/L		118	70 - 130
1,4-Dichlorobenzene	25.0	29.3		ug/L		117	70 - 130
1,3-Dichloropropane	25.0	29.5		ug/L		118	70 - 130
1,1-Dichloropropene	25.0	31.0		ug/L		124	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.1		ug/L		108	70 - 136
Ethylene Dibromide	25.0	30.1		ug/L		120	70 - 130
Dibromomethane	25.0	30.0		ug/L		120	70 - 130
Dichlorodifluoromethane	25.0	24.8		ug/L		99	34 - 132
1,1-Dichloroethane	25.0	28.0		ug/L		112	70 - 130
1,2-Dichloroethane	25.0	28.5		ug/L		114	61 - 132
1,1-Dichloroethene	25.0	26.3		ug/L		105	64 - 128
cis-1,2-Dichloroethene	25.0	29.4		ug/L		118	70 - 130
trans-1,2-Dichloroethene	25.0	27.3		ug/L		109	68 - 130
1,2-Dichloropropane	25.0	27.2		ug/L		109	70 - 130
cis-1,3-Dichloropropene	25.0	29.6		ug/L		118	70 - 130
trans-1,3-Dichloropropene	25.0	31.4		ug/L		126	70 - 140
Ethylbenzene	25.0	28.3		ug/L		113	80 - 120
Hexachlorobutadiene	25.0	28.5		ug/L		114	70 - 130
2-Hexanone	125	138		ug/L		110	60 - 164
Isopropylbenzene	25.0	30.2		ug/L		121	70 - 130
4-Isopropyltoluene	25.0	29.9		ug/L		120	70 - 130
Methylene Chloride	25.0	28.1		ug/L		113	70 - 147
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		111	58 - 130
Naphthalene	25.0	27.5		ug/L		110	70 - 130
N-Propylbenzene	25.0	29.1		ug/L		116	70 - 130
Styrene	25.0	29.2		ug/L		117	70 - 130
1,1,1,2-Tetrachloroethane	25.0	29.4		ug/L		117	70 - 130
1,1,2,2-Tetrachloroethane	25.0	28.7		ug/L		115	70 - 130
Tetrachloroethene	25.0	32.8	*	ug/L		131	70 - 130
Toluene	25.0	28.3		ug/L		113	78 - 120

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

Lab Sample ID: LCS 720-157538/8
Matrix: Water
Analysis Batch: 157538

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	25.0	29.2		ug/L		117	70 - 130
1,2,4-Trichlorobenzene	25.0	27.8		ug/L		111	70 - 130
1,1,1-Trichloroethane	25.0	30.9		ug/L		124	70 - 130
1,1,2-Trichloroethane	25.0	29.1		ug/L		116	70 - 130
Trichloroethene	25.0	30.2		ug/L		121	70 - 130
Trichlorofluoromethane	25.0	30.7		ug/L		123	66 - 132
1,2,3-Trichloropropane	25.0	29.4		ug/L		118	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.0		ug/L		112	42 - 162
1,2,4-Trimethylbenzene	25.0	28.9		ug/L		115	70 - 132
1,3,5-Trimethylbenzene	25.0	29.1		ug/L		116	70 - 130
Vinyl acetate	25.0	34.4		ug/L		137	43 - 163
Vinyl chloride	25.0	29.1		ug/L		117	54 - 135
m-Xylene & p-Xylene	50.0	58.8		ug/L		118	70 - 142
o-Xylene	25.0	29.5		ug/L		118	70 - 130
2,2-Dichloropropane	25.0	32.2		ug/L		129	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 720-157538/11
Matrix: Water
Analysis Batch: 157538

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	580		ug/L		116	62 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 720-157538/9
Matrix: Water
Analysis Batch: 157538

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	26.0		ug/L		104	62 - 130	2	20
Acetone	125	130		ug/L		104	26 - 180	5	30
Benzene	25.0	25.9		ug/L		104	79 - 130	4	20
Dichlorobromomethane	25.0	27.9		ug/L		112	70 - 130	5	20
Bromobenzene	25.0	27.3		ug/L		109	70 - 130	6	20
Chlorobromomethane	25.0	28.0		ug/L		112	70 - 130	4	20
Bromoform	25.0	30.7		ug/L		123	68 - 136	0	20
Bromomethane	25.0	26.8		ug/L		107	43 - 151	6	20

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

Lab Sample ID: LCSD 720-157538/9
Matrix: Water
Analysis Batch: 157538

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
2-Butanone (MEK)	125	130		ug/L		104	54 - 130	2	20
n-Butylbenzene	25.0	27.6		ug/L		110	70 - 142	7	20
sec-Butylbenzene	25.0	27.8		ug/L		111	70 - 134	7	20
tert-Butylbenzene	25.0	27.7		ug/L		111	70 - 135	8	20
Carbon disulfide	25.0	23.3		ug/L		93	58 - 130	3	20
Carbon tetrachloride	25.0	29.4		ug/L		117	70 - 146	6	20
Chlorobenzene	25.0	28.0		ug/L		112	70 - 130	3	20
Chloroethane	25.0	25.5		ug/L		102	62 - 138	7	20
Chloroform	25.0	28.1		ug/L		112	70 - 130	5	20
Chloromethane	25.0	26.0		ug/L		104	52 - 175	7	20
2-Chlorotoluene	25.0	27.2		ug/L		109	70 - 130	5	20
4-Chlorotoluene	25.0	26.6		ug/L		106	70 - 130	6	20
Chlorodibromomethane	25.0	29.5		ug/L		118	70 - 145	7	20
1,2-Dichlorobenzene	25.0	27.5		ug/L		110	70 - 130	2	20
1,3-Dichlorobenzene	25.0	27.9		ug/L		112	70 - 130	6	20
1,4-Dichlorobenzene	25.0	28.2		ug/L		113	70 - 130	4	20
1,3-Dichloropropane	25.0	27.8		ug/L		111	70 - 130	6	20
1,1-Dichloropropene	25.0	29.5		ug/L		118	70 - 130	5	20
1,2-Dibromo-3-Chloropropane	25.0	27.8		ug/L		111	70 - 136	3	20
Ethylene Dibromide	25.0	28.5		ug/L		114	70 - 130	5	20
Dibromomethane	25.0	28.8		ug/L		115	70 - 130	4	20
Dichlorodifluoromethane	25.0	23.6		ug/L		94	34 - 132	5	20
1,1-Dichloroethane	25.0	27.1		ug/L		108	70 - 130	3	20
1,2-Dichloroethane	25.0	27.6		ug/L		110	61 - 132	3	20
1,1-Dichloroethene	25.0	24.6		ug/L		98	64 - 128	7	20
cis-1,2-Dichloroethene	25.0	28.0		ug/L		112	70 - 130	5	20
trans-1,2-Dichloroethene	25.0	26.1		ug/L		104	68 - 130	5	20
1,2-Dichloropropane	25.0	25.9		ug/L		104	70 - 130	5	20
cis-1,3-Dichloropropene	25.0	27.8		ug/L		111	70 - 130	6	20
trans-1,3-Dichloropropene	25.0	30.1		ug/L		120	70 - 140	4	20
Ethylbenzene	25.0	26.9		ug/L		107	80 - 120	5	20
Hexachlorobutadiene	25.0	27.3		ug/L		109	70 - 130	4	20
2-Hexanone	125	137		ug/L		110	60 - 164	1	20
Isopropylbenzene	25.0	29.1		ug/L		116	70 - 130	4	20
4-Isopropyltoluene	25.0	27.9		ug/L		112	70 - 130	7	20
Methylene Chloride	25.0	27.1		ug/L		109	70 - 147	4	20
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	58 - 130	1	20
Naphthalene	25.0	27.7		ug/L		111	70 - 130	1	20
N-Propylbenzene	25.0	27.3		ug/L		109	70 - 130	6	20
Styrene	25.0	28.5		ug/L		114	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	28.5		ug/L		114	70 - 130	3	20
1,1,2,2-Tetrachloroethane	25.0	27.6		ug/L		110	70 - 130	4	20
Tetrachloroethene	25.0	30.0		ug/L		120	70 - 130	9	20
Toluene	25.0	27.3		ug/L		109	78 - 120	3	20
1,2,3-Trichlorobenzene	25.0	28.5		ug/L		114	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	27.1		ug/L		108	70 - 130	3	20
1,1,1-Trichloroethane	25.0	29.2		ug/L		117	70 - 130	6	20
1,1,2-Trichloroethane	25.0	27.5		ug/L		110	70 - 130	5	20

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

Lab Sample ID: LCSD 720-157538/9
Matrix: Water
Analysis Batch: 157538

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
Trichloroethene	25.0	28.3		ug/L		113	70 - 130	6	20
Trichlorofluoromethane	25.0	29.8		ug/L		119	66 - 132	3	20
1,2,3-Trichloropropane	25.0	29.0		ug/L		116	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.8		ug/L		103	42 - 162	8	20
1,2,4-Trimethylbenzene	25.0	27.2		ug/L		109	70 - 132	6	20
1,3,5-Trimethylbenzene	25.0	27.6		ug/L		111	70 - 130	5	20
Vinyl acetate	25.0	34.3		ug/L		137	43 - 163	0	20
Vinyl chloride	25.0	27.8		ug/L		111	54 - 135	5	20
m-Xylene & p-Xylene	50.0	56.5		ug/L		113	70 - 142	4	20
o-Xylene	25.0	28.7		ug/L		115	70 - 130	3	20
2,2-Dichloropropane	25.0	31.2		ug/L		125	70 - 140	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 720-157560/4
Matrix: Water
Analysis Batch: 157560

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			04/17/14 11:06	1
Acetone	ND		50		ug/L			04/17/14 11:06	1
Benzene	ND		0.50		ug/L			04/17/14 11:06	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 11:06	1
Bromobenzene	ND		1.0		ug/L			04/17/14 11:06	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 11:06	1
Bromoform	ND		1.0		ug/L			04/17/14 11:06	1
Bromomethane	ND		1.0		ug/L			04/17/14 11:06	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 11:06	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 11:06	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 11:06	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 11:06	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 11:06	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 11:06	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 11:06	1
Chloroethane	ND		1.0		ug/L			04/17/14 11:06	1
Chloroform	ND		1.0		ug/L			04/17/14 11:06	1
Chloromethane	ND		1.0		ug/L			04/17/14 11:06	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 11:06	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 11:06	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 11:06	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 11:06	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 11:06	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 11:06	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 11:06	1

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

Lab Sample ID: MB 720-157560/4
Matrix: Water
Analysis Batch: 157560

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 11:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 11:06	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 11:06	1
Dibromomethane	ND		0.50		ug/L			04/17/14 11:06	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 11:06	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 11:06	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 11:06	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 11:06	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 11:06	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 11:06	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 11:06	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 11:06	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 11:06	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 11:06	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 11:06	1
2-Hexanone	ND		50		ug/L			04/17/14 11:06	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 11:06	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 11:06	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 11:06	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 11:06	1
Naphthalene	ND		1.0		ug/L			04/17/14 11:06	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 11:06	1
Styrene	ND		0.50		ug/L			04/17/14 11:06	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 11:06	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 11:06	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 11:06	1
Toluene	ND		0.50		ug/L			04/17/14 11:06	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 11:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 11:06	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 11:06	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 11:06	1
Trichloroethene	ND		0.50		ug/L			04/17/14 11:06	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 11:06	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 11:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 11:06	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 11:06	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 11:06	1
Vinyl acetate	ND		10		ug/L			04/17/14 11:06	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 11:06	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 11:06	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 11:06	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 11:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 130*		*04/17/14 11:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*72 - 130*		*04/17/14 11:06*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/17/14 11:06*	*1*

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

Lab Sample ID: LCS 720-157560/5
Matrix: Water
Analysis Batch: 157560

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	22.5		ug/L		90	62 - 130
Acetone	125	118		ug/L		94	26 - 180
Benzene	25.0	24.1		ug/L		96	79 - 130
Dichlorobromomethane	25.0	23.8		ug/L		95	70 - 130
Bromobenzene	25.0	25.2		ug/L		101	70 - 130
Chlorobromomethane	25.0	25.8		ug/L		103	70 - 130
Bromoform	25.0	27.1		ug/L		108	68 - 136
Bromomethane	25.0	24.4		ug/L		98	43 - 151
2-Butanone (MEK)	125	115		ug/L		92	54 - 130
n-Butylbenzene	25.0	27.5		ug/L		110	70 - 142
sec-Butylbenzene	25.0	27.8		ug/L		111	70 - 134
tert-Butylbenzene	25.0	28.0		ug/L		112	70 - 135
Carbon disulfide	25.0	22.3		ug/L		89	58 - 130
Carbon tetrachloride	25.0	29.9		ug/L		120	70 - 146
Chlorobenzene	25.0	26.3		ug/L		105	70 - 130
Chloroethane	25.0	24.2		ug/L		97	62 - 138
Chloroform	25.0	24.2		ug/L		97	70 - 130
Chloromethane	25.0	22.9		ug/L		92	52 - 175
2-Chlorotoluene	25.0	25.6		ug/L		102	70 - 130
4-Chlorotoluene	25.0	24.6		ug/L		98	70 - 130
Chlorodibromomethane	25.0	26.1		ug/L		104	70 - 145
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130
1,3-Dichlorobenzene	25.0	27.0		ug/L		108	70 - 130
1,4-Dichlorobenzene	25.0	26.7		ug/L		107	70 - 130
1,3-Dichloropropane	25.0	23.3		ug/L		93	70 - 130
1,1-Dichloropropene	25.0	27.0		ug/L		108	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	26.7		ug/L		107	70 - 136
Ethylene Dibromide	25.0	25.3		ug/L		101	70 - 130
Dibromomethane	25.0	24.4		ug/L		98	70 - 130
Dichlorodifluoromethane	25.0	21.7		ug/L		87	34 - 132
1,1-Dichloroethane	25.0	23.8		ug/L		95	70 - 130
1,2-Dichloroethane	25.0	22.1		ug/L		88	61 - 132
1,1-Dichloroethene	25.0	25.9		ug/L		104	64 - 128
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	70 - 130
trans-1,2-Dichloroethene	25.0	25.7		ug/L		103	68 - 130
1,2-Dichloropropane	25.0	22.8		ug/L		91	70 - 130
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	70 - 130
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	70 - 140
Ethylbenzene	25.0	25.9		ug/L		103	80 - 120
Hexachlorobutadiene	25.0	29.7		ug/L		119	70 - 130
2-Hexanone	125	110		ug/L		88	60 - 164
Isopropylbenzene	25.0	28.8		ug/L		115	70 - 130
4-Isopropyltoluene	25.0	28.1		ug/L		112	70 - 130
Methylene Chloride	25.0	21.7		ug/L		87	70 - 147
4-Methyl-2-pentanone (MIBK)	125	112		ug/L		90	58 - 130
Naphthalene	25.0	28.1		ug/L		113	70 - 130
N-Propylbenzene	25.0	25.6		ug/L		103	70 - 130
Styrene	25.0	26.5		ug/L		106	70 - 130

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

Lab Sample ID: LCS 720-157560/5
Matrix: Water
Analysis Batch: 157560

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	28.0		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	70 - 130
Tetrachloroethene	25.0	29.9		ug/L		119	70 - 130
Toluene	25.0	23.7		ug/L		95	78 - 120
1,2,3-Trichlorobenzene	25.0	28.2		ug/L		113	70 - 130
1,2,4-Trichlorobenzene	25.0	28.2		ug/L		113	70 - 130
1,1,1-Trichloroethane	25.0	27.7		ug/L		111	70 - 130
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	70 - 130
Trichloroethene	25.0	26.8		ug/L		107	70 - 130
Trichlorofluoromethane	25.0	27.6		ug/L		110	66 - 132
1,2,3-Trichloropropane	25.0	24.7		ug/L		99	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.7		ug/L		107	42 - 162
1,2,4-Trimethylbenzene	25.0	26.1		ug/L		104	70 - 132
1,3,5-Trimethylbenzene	25.0	26.7		ug/L		107	70 - 130
Vinyl acetate	25.0	27.8		ug/L		111	43 - 163
Vinyl chloride	25.0	22.9		ug/L		92	54 - 135
m-Xylene & p-Xylene	50.0	53.9		ug/L		108	70 - 142
o-Xylene	25.0	26.8		ug/L		107	70 - 130
2,2-Dichloropropane	25.0	28.3		ug/L		113	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCS 720-157560/7
Matrix: Water
Analysis Batch: 157560

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	540		ug/L		108	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 720-157560/6
Matrix: Water
Analysis Batch: 157560

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	23.2		ug/L		93	62 - 130	3	20
Acetone	125	118		ug/L		94	26 - 180	0	30
Benzene	25.0	24.3		ug/L		97	79 - 130	1	20
Dichlorobromomethane	25.0	24.2		ug/L		97	70 - 130	2	20

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

Lab Sample ID: LCSD 720-157560/6
Matrix: Water
Analysis Batch: 157560

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
Bromobenzene	25.0	25.2		ug/L		101	70 - 130	0	20
Chlorobromomethane	25.0	26.1		ug/L		105	70 - 130	1	20
Bromoform	25.0	27.4		ug/L		110	68 - 136	1	20
Bromomethane	25.0	24.1		ug/L		96	43 - 151	1	20
2-Butanone (MEK)	125	114		ug/L		91	54 - 130	1	20
n-Butylbenzene	25.0	27.5		ug/L		110	70 - 142	0	20
sec-Butylbenzene	25.0	27.7		ug/L		111	70 - 134	0	20
tert-Butylbenzene	25.0	28.0		ug/L		112	70 - 135	0	20
Carbon disulfide	25.0	21.7		ug/L		87	58 - 130	3	20
Carbon tetrachloride	25.0	30.4		ug/L		122	70 - 146	2	20
Chlorobenzene	25.0	26.5		ug/L		106	70 - 130	1	20
Chloroethane	25.0	23.3		ug/L		93	62 - 138	3	20
Chloroform	25.0	24.4		ug/L		97	70 - 130	1	20
Chloromethane	25.0	22.0		ug/L		88	52 - 175	4	20
2-Chlorotoluene	25.0	25.5		ug/L		102	70 - 130	1	20
4-Chlorotoluene	25.0	24.7		ug/L		99	70 - 130	0	20
Chlorodibromomethane	25.0	26.7		ug/L		107	70 - 145	2	20
1,2-Dichlorobenzene	25.0	25.9		ug/L		104	70 - 130	1	20
1,3-Dichlorobenzene	25.0	26.9		ug/L		108	70 - 130	0	20
1,4-Dichlorobenzene	25.0	26.8		ug/L		107	70 - 130	0	20
1,3-Dichloropropane	25.0	23.2		ug/L		93	70 - 130	0	20
1,1-Dichloropropene	25.0	26.9		ug/L		107	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	25.5		ug/L		102	70 - 136	4	20
Ethylene Dibromide	25.0	25.4		ug/L		101	70 - 130	0	20
Dibromomethane	25.0	24.2		ug/L		97	70 - 130	1	20
Dichlorodifluoromethane	25.0	20.9		ug/L		83	34 - 132	4	20
1,1-Dichloroethane	25.0	24.1		ug/L		96	70 - 130	1	20
1,2-Dichloroethane	25.0	22.4		ug/L		89	61 - 132	1	20
1,1-Dichloroethene	25.0	25.6		ug/L		102	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	68 - 130	1	20
1,2-Dichloropropane	25.0	23.1		ug/L		92	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	24.4		ug/L		98	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	26.1		ug/L		105	70 - 140	1	20
Ethylbenzene	25.0	25.9		ug/L		104	80 - 120	0	20
Hexachlorobutadiene	25.0	30.1		ug/L		120	70 - 130	1	20
2-Hexanone	125	110		ug/L		88	60 - 164	0	20
Isopropylbenzene	25.0	29.1		ug/L		116	70 - 130	1	20
4-Isopropyltoluene	25.0	28.3		ug/L		113	70 - 130	1	20
Methylene Chloride	25.0	21.6		ug/L		87	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	111		ug/L		89	58 - 130	2	20
Naphthalene	25.0	27.3		ug/L		109	70 - 130	3	20
N-Propylbenzene	25.0	25.5		ug/L		102	70 - 130	0	20
Styrene	25.0	26.7		ug/L		107	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	28.7		ug/L		115	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		95	70 - 130	2	20
Tetrachloroethene	25.0	30.0		ug/L		120	70 - 130	0	20
Toluene	25.0	23.7		ug/L		95	78 - 120	0	20

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

Lab Sample ID: LCSD 720-157560/6
Matrix: Water
Analysis Batch: 157560

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
1,2,3-Trichlorobenzene	25.0	27.9		ug/L		112	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	28.2		ug/L		113	70 - 130	0	20
1,1,1-Trichloroethane	25.0	27.7		ug/L		111	70 - 130	0	20
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	70 - 130	0	20
Trichloroethene	25.0	27.1		ug/L		109	70 - 130	1	20
Trichlorofluoromethane	25.0	26.8		ug/L		107	66 - 132	3	20
1,2,3-Trichloropropane	25.0	24.3		ug/L		97	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.4		ug/L		106	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	26.3		ug/L		105	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	26.8		ug/L		107	70 - 130	1	20
Vinyl acetate	25.0	27.8		ug/L		111	43 - 163	0	20
Vinyl chloride	25.0	21.4		ug/L		85	54 - 135	7	20
m-Xylene & p-Xylene	50.0	53.8		ug/L		108	70 - 142	0	20
o-Xylene	25.0	27.1		ug/L		108	70 - 130	1	20
2,2-Dichloropropane	25.0	27.8		ug/L		111	70 - 140	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*82*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 720-157560/8
Matrix: Water
Analysis Batch: 157560

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	525		ug/L		105	62 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 720-56805-13 MS
Matrix: Water
Analysis Batch: 157560

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	34.8	F1	ug/L		139	60 - 138
Acetone	ND		125	134		ug/L		107	60 - 140
Benzene	ND		25.0	33.5		ug/L		134	60 - 140
Dichlorobromomethane	ND		25.0	37.0	F1	ug/L		148	60 - 140
Bromobenzene	ND		25.0	23.0		ug/L		92	60 - 140
Chlorobromomethane	ND		25.0	37.7	F1	ug/L		151	60 - 140
Bromoform	ND		25.0	29.1		ug/L		117	56 - 140
Bromomethane	ND		25.0	29.6		ug/L		119	23 - 140

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

Lab Sample ID: 720-56805-13 MS
Matrix: Water
Analysis Batch: 157560

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
2-Butanone (MEK)	ND		125	143		ug/L		114	60 - 140
n-Butylbenzene	ND		25.0	23.3		ug/L		93	60 - 140
sec-Butylbenzene	ND		25.0	22.8		ug/L		91	60 - 140
tert-Butylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
Carbon disulfide	ND		25.0	27.2		ug/L		109	38 - 140
Carbon tetrachloride	ND		25.0	38.2	F1	ug/L		153	60 - 140
Chlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140
Chloroethane	ND		25.0	28.9		ug/L		116	51 - 140
Chloroform	ND		25.0	34.4		ug/L		138	60 - 140
Chloromethane	ND		25.0	26.4		ug/L		106	52 - 140
2-Chlorotoluene	ND		25.0	22.2		ug/L		89	60 - 140
4-Chlorotoluene	ND		25.0	21.9		ug/L		87	60 - 140
Chlorodibromomethane	ND		25.0	39.7	F1	ug/L		159	60 - 140
1,2-Dichlorobenzene	ND		25.0	24.4		ug/L		97	60 - 140
1,3-Dichlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140
1,4-Dichlorobenzene	ND		25.0	24.9		ug/L		100	60 - 140
1,3-Dichloropropane	ND		25.0	35.2	F1	ug/L		141	60 - 140
1,1-Dichloropropene	ND		25.0	35.1		ug/L		140	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	24.3		ug/L		97	60 - 140
Ethylene Dibromide	ND		25.0	38.4	F1	ug/L		154	60 - 140
Dibromomethane	ND		25.0	35.7	F1	ug/L		143	60 - 140
Dichlorodifluoromethane	ND		25.0	23.6		ug/L		95	38 - 140
1,1-Dichloroethane	ND		25.0	32.8		ug/L		131	60 - 140
1,2-Dichloroethane	ND		25.0	32.8		ug/L		131	60 - 140
1,1-Dichloroethene	ND		25.0	33.0		ug/L		132	60 - 140
cis-1,2-Dichloroethene	2.9		25.0	36.2		ug/L		133	60 - 140
trans-1,2-Dichloroethene	ND		25.0	34.5		ug/L		136	60 - 140
1,2-Dichloropropane	ND		25.0	33.8		ug/L		135	60 - 140
cis-1,3-Dichloropropene	ND		25.0	35.9	F1	ug/L		144	60 - 140
trans-1,3-Dichloropropene	ND		25.0	38.6	F1	ug/L		154	60 - 140
Ethylbenzene	ND		25.0	24.2		ug/L		97	60 - 140
Hexachlorobutadiene	ND		25.0	25.9		ug/L		104	60 - 140
2-Hexanone	ND		125	143		ug/L		115	60 - 140
Isopropylbenzene	ND		25.0	27.0		ug/L		108	60 - 140
4-Isopropyltoluene	ND		25.0	23.9		ug/L		95	60 - 140
Methylene Chloride	ND		25.0	30.6		ug/L		122	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	148		ug/L		118	58 - 130
Naphthalene	ND		25.0	25.9		ug/L		104	56 - 140
N-Propylbenzene	ND		25.0	21.2		ug/L		85	60 - 140
Styrene	ND		25.0	27.1		ug/L		109	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	29.4		ug/L		118	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	21.9		ug/L		87	60 - 140
Tetrachloroethene	15		25.0	54.2	F1	ug/L		159	60 - 140
Toluene	ND		25.0	21.9		ug/L		88	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	27.2		ug/L		109	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	27.6		ug/L		111	60 - 140
1,1,1-Trichloroethane	ND		25.0	37.0	F1	ug/L		148	60 - 140
1,1,2-Trichloroethane	ND		25.0	37.3	F1	ug/L		149	60 - 140

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

Lab Sample ID: 720-56805-13 MS
Matrix: Water
Analysis Batch: 157560

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
Trichloroethene	12		25.0	48.1	F1	ug/L		145	60 - 140
Trichlorofluoromethane	ND		25.0	32.7		ug/L		131	60 - 140
1,2,3-Trichloropropane	ND		25.0	21.4		ug/L		86	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	33.6		ug/L		134	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	23.0		ug/L		92	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	22.9		ug/L		91	60 - 140
Vinyl acetate	ND		25.0	38.9	F1	ug/L		156	40 - 140
Vinyl chloride	ND		25.0	25.5		ug/L		102	58 - 140
m-Xylene & p-Xylene	ND		50.0	50.4		ug/L		101	60 - 140
o-Xylene	ND		25.0	26.1		ug/L		105	60 - 140
2,2-Dichloropropane	ND		25.0	36.9	F1	ug/L		148	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 130*
Toluene-d8 (Surr)	*121*		*70 - 130*

Lab Sample ID: 720-56805-13 MSD
Matrix: Water
Analysis Batch: 157560

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	34.6	F1	ug/L		139	60 - 138	1	20
Acetone	ND		125	135		ug/L		108	60 - 140	1	20
Benzene	ND		25.0	33.2		ug/L		133	60 - 140	1	20
Dichlorobromomethane	ND		25.0	35.8	F1	ug/L		143	60 - 140	3	20
Bromobenzene	ND		25.0	22.4		ug/L		90	60 - 140	3	20
Chlorobromomethane	ND		25.0	37.6	F1	ug/L		150	60 - 140	0	20
Bromoform	ND		25.0	27.2		ug/L		109	56 - 140	7	20
Bromomethane	ND		25.0	29.6		ug/L		118	23 - 140	0	20
2-Butanone (MEK)	ND		125	145		ug/L		116	60 - 140	1	20
n-Butylbenzene	ND		25.0	22.1		ug/L		88	60 - 140	5	20
sec-Butylbenzene	ND		25.0	22.1		ug/L		88	60 - 140	3	20
tert-Butylbenzene	ND		25.0	22.7		ug/L		91	60 - 140	2	20
Carbon disulfide	ND		25.0	27.4		ug/L		109	38 - 140	0	20
Carbon tetrachloride	ND		25.0	38.4	F1	ug/L		153	60 - 140	0	20
Chlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140	3	20
Chloroethane	ND		25.0	29.0		ug/L		116	51 - 140	0	20
Chloroform	ND		25.0	34.3		ug/L		137	60 - 140	0	20
Chloromethane	ND		25.0	26.3		ug/L		105	52 - 140	1	20
2-Chlorotoluene	ND		25.0	21.5		ug/L		86	60 - 140	3	20
4-Chlorotoluene	ND		25.0	21.0		ug/L		84	60 - 140	4	20
Chlorodibromomethane	ND		25.0	38.2	F1	ug/L		153	60 - 140	4	20
1,2-Dichlorobenzene	ND		25.0	23.2		ug/L		93	60 - 140	5	20
1,3-Dichlorobenzene	ND		25.0	23.3		ug/L		93	60 - 140	6	20
1,4-Dichlorobenzene	ND		25.0	23.5		ug/L		94	60 - 140	6	20
1,3-Dichloropropane	ND		25.0	34.1		ug/L		136	60 - 140	3	20

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

Lab Sample ID: 720-56805-13 MSD
Matrix: Water
Analysis Batch: 157560

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-Dichloropropene	ND		25.0	34.9		ug/L		140	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	22.0		ug/L		88	60 - 140	10	20
Ethylene Dibromide	ND		25.0	36.9	F1	ug/L		148	60 - 140	4	20
Dibromomethane	ND		25.0	35.1		ug/L		140	60 - 140	2	20
Dichlorodifluoromethane	ND		25.0	23.6		ug/L		94	38 - 140	0	20
1,1-Dichloroethane	ND		25.0	32.7		ug/L		131	60 - 140	0	20
1,2-Dichloroethane	ND		25.0	32.3		ug/L		129	60 - 140	2	20
1,1-Dichloroethene	ND		25.0	32.7		ug/L		131	60 - 140	1	20
cis-1,2-Dichloroethene	2.9		25.0	36.4		ug/L		134	60 - 140	0	20
trans-1,2-Dichloroethene	ND		25.0	34.5		ug/L		136	60 - 140	0	20
1,2-Dichloropropane	ND		25.0	33.3		ug/L		133	60 - 140	1	20
cis-1,3-Dichloropropene	ND		25.0	35.4	F1	ug/L		141	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	37.4	F1	ug/L		150	60 - 140	3	20
Ethylbenzene	ND		25.0	23.6		ug/L		94	60 - 140	2	20
Hexachlorobutadiene	ND		25.0	24.6		ug/L		99	60 - 140	5	20
2-Hexanone	ND		125	149		ug/L		119	60 - 140	4	20
Isopropylbenzene	ND		25.0	26.1		ug/L		104	60 - 140	3	20
4-Isopropyltoluene	ND		25.0	22.9		ug/L		92	60 - 140	4	20
Methylene Chloride	ND		25.0	30.1		ug/L		120	40 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		125	153		ug/L		122	58 - 130	3	20
Naphthalene	ND		25.0	23.9		ug/L		96	56 - 140	8	20
N-Propylbenzene	ND		25.0	20.6		ug/L		82	60 - 140	3	20
Styrene	ND		25.0	25.8		ug/L		103	60 - 140	5	20
1,1,1,2-Tetrachloroethane	ND		25.0	28.3		ug/L		113	60 - 140	4	20
1,1,2,2-Tetrachloroethane	ND		25.0	20.1		ug/L		81	60 - 140	8	20
Tetrachloroethene	15		25.0	54.8	F1	ug/L		161	60 - 140	1	20
Toluene	ND		25.0	21.8		ug/L		87	60 - 140	0	20
1,2,3-Trichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140	7	20
1,2,4-Trichlorobenzene	ND		25.0	25.9		ug/L		104	60 - 140	6	20
1,1,1-Trichloroethane	ND		25.0	37.1	F1	ug/L		148	60 - 140	0	20
1,1,2-Trichloroethane	ND		25.0	35.2	F1	ug/L		141	60 - 140	6	20
Trichloroethene	12		25.0	48.5	F1	ug/L		147	60 - 140	1	20
Trichlorofluoromethane	ND		25.0	33.4		ug/L		134	60 - 140	2	20
1,2,3-Trichloropropane	ND		25.0	20.2		ug/L		81	60 - 140	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	33.4		ug/L		134	60 - 140	1	20
1,2,4-Trimethylbenzene	ND		25.0	22.3		ug/L		89	60 - 140	3	20
1,3,5-Trimethylbenzene	ND		25.0	22.3		ug/L		89	60 - 140	3	20
Vinyl acetate	ND		25.0	38.9	F1	ug/L		156	40 - 140	0	20
Vinyl chloride	ND		25.0	25.6		ug/L		102	58 - 140	0	20
m-Xylene & p-Xylene	ND		50.0	49.1		ug/L		98	60 - 140	3	20
o-Xylene	ND		25.0	25.4		ug/L		101	60 - 140	3	20
2,2-Dichloropropane	ND		25.0	37.3	F1	ug/L		149	60 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 130*
Toluene-d8 (Surr)	*120*		*70 - 130*

GC/MS VOA

Analysis Batch: 157538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56805-3	TB041614-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-157538/10	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-157538/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-157538/11	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-157538/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-157538/7	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 157560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56805-1	MP-03-2	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-2	MP-03-1	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-4	MP-03-3	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-5	MP-04-1	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-6	MW-01	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-7	MW-100	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-8	MP-04-2	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-9	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-10	MW-03	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-11	MP-02-2	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-12	MP-02-3	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-13	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-13 MS	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-13 MSD	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-157560/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-157560/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-157560/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-157560/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-157560/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Client Sample ID: MP-03-2
Date Collected: 04/16/14 08:15
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-1
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	157560	04/17/14 14:52	PDR	TAL PLS

Client Sample ID: MP-03-1
Date Collected: 04/16/14 08:45
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-2
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	157560	04/17/14 15:20	PDR	TAL PLS

Client Sample ID: TB041614-1
Date Collected: 04/16/14 09:00
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-3
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	157538	04/17/14 12:22	PDR	TAL PLS

Client Sample ID: MP-03-3
Date Collected: 04/16/14 09:15
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-4
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	157560	04/17/14 15:48	PDR	TAL PLS

Client Sample ID: MP-04-1
Date Collected: 04/16/14 09:55
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-5
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	157560	04/17/14 16:17	PDR	TAL PLS

Client Sample ID: MW-01
Date Collected: 04/16/14 11:20
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-6
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	157560	04/17/14 16:45	PDR	TAL PLS

Lab Chronicle

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

TestAmerica Job ID: 720-56805-1

Client Sample ID: MW-100
Date Collected: 04/16/14 11:25
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		2	157560	04/17/14 17:13	PDR	TAL PLS

Client Sample ID: MP-04-2
Date Collected: 04/16/14 12:45
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-8
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	157560	04/17/14 17:42	PDR	TAL PLS

Client Sample ID: MP-04-3
Date Collected: 04/16/14 13:05
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-9
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	157560	04/17/14 18:10	PDR	TAL PLS

Client Sample ID: MW-03
Date Collected: 04/16/14 13:40
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-10
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	157560	04/17/14 18:39	PDR	TAL PLS

Client Sample ID: MP-02-2
Date Collected: 04/16/14 12:15
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-11
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	157560	04/17/14 19:07	PDR	TAL PLS

Client Sample ID: MP-02-3
Date Collected: 04/16/14 13:05
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-12
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	157560	04/17/14 19:35	PDR	TAL PLS

Lab Chronicle

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

TestAmerica Job ID: 720-56805-1

Client Sample ID: MW-02
Date Collected: 04/16/14 13:50
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-13
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	157560	04/17/14 14:23	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: 720-56805-1

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: 720-56805-1

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: 720-56805-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-56805-1	MP-03-2	Water	04/16/14 08:15	04/16/14 15:35
720-56805-2	MP-03-1	Water	04/16/14 08:45	04/16/14 15:35
720-56805-3	TB041614-1	Water	04/16/14 09:00	04/16/14 15:35
720-56805-4	MP-03-3	Water	04/16/14 09:15	04/16/14 15:35
720-56805-5	MP-04-1	Water	04/16/14 09:55	04/16/14 15:35
720-56805-6	MW-01	Water	04/16/14 11:20	04/16/14 15:35
720-56805-7	MW-100	Water	04/16/14 11:25	04/16/14 15:35
720-56805-8	MP-04-2	Water	04/16/14 12:45	04/16/14 15:35
720-56805-9	MP-04-3	Water	04/16/14 13:05	04/16/14 15:35
720-56805-10	MW-03	Water	04/16/14 13:40	04/16/14 15:35
720-56805-11	MP-02-2	Water	04/16/14 12:15	04/16/14 15:35
720-56805-12	MP-02-3	Water	04/16/14 13:05	04/16/14 15:35
720-56805-13	MW-02	Water	04/16/14 13:50	04/16/14 15:35

15470

CHAIN-OF-CUSTODY RECORD

720-56805

PROJECT NAME: Crown Chevrolet Cadillac Isuzu

DATE: 4/16/14

PAGE 1 OF 1 ~~2~~

PROJECT NUMBER: OD1016.0070.00003.A

LABORATORY NAME: Test America

CLIENT INFORMATION: AMEC

David Allbut

510-847-8411

REPORTING REQUIREMENTS: 153136

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

LABORATORY ADDRESS:

TURNAROUND TIME: Standard

SAMPLE SHIPMENT METHOD: Delivered to lab

LABORATORY CONTACT:

LABORATORY PHONE NUMBER:

GEOTRACKER REQUIRED [✓ YES] NO

SITE SPECIFIC GLOBAL ID NO. SL72064124

SAMPLERS (SIGNATURE): D Allbut

ANALYSES

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
4/16/14	0815	MP-03-2	X															40 ml VOA	W		HCl	X		3	
4/16/14	0845	MP-03-1	X																			X		3	
4/16/14	0900	TB041614-1	X																			X		3	
4/16/14	0915	MP-03-3	X																			X		3	
4/16/14	0955	MP-04-1	X																			X		3	
4/16/14	1120	MW-01	X																			X		3	
4/16/14	1125	MW-100	X																			X		3	
4/16/14	1245	MP-04-2	X																			X		3	
4/16/14	1305	MP-04-3	X																			X		3	
4/16/14	1340	MW-03	X																			X		3	
4/16/14	1215	MP-02-2	X																			X		3	
4/16/14	1305	MP-02-3	X																			X		3	
4/16/14	1350	MW-02	X																			X	X	9	MS/MSD

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: D Allbut PRINTED NAME: David Allbut COMPANY: AMEC	4/16/14	1535	SIGNATURE: PRINTED NAME: Mullen COMPANY: [illegible]	4/16/14	1535
SIGNATURE: PRINTED NAME: COMPANY:			SIGNATURE: PRINTED NAME: COMPANY:		
SIGNATURE: PRINTED NAME: COMPANY:			SIGNATURE: PRINTED NAME: COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS:

PO# C012202707

720-56805 Chain of Custody

3.9°c

amec

4/23/2014

CHAIN-OF-CUSTODY RECORD

720-56805

15472

PROJECT NAME: Crown Chevrolet Cadillac Isuzu

DATE: 4/16/14

PAGE 1 OF 1

PROJECT NUMBER: 0010160070.00003.B

LABORATORY NAME: TA

CLIENT INFORMATION: AMEC

REPORTING REQUIREMENTS: 153136

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

LABORATORY ADDRESS:

David Allbut

TURNAROUND TIME: standard

510.847.8411

SAMPLE SHIPMENT METHOD: Delivered to lab

LABORATORY CONTACT:

LABORATORY PHONE NUMBER:

GEOTRACKER REQUIRED [✓ YES] NO

SITE SPECIFIC GLOBAL ID NO. SL72064124

SAMPLERS (SIGNATURE): David Allbut

DATE	TIME	SAMPLE NUMBER	ANALYSES 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
4/16/14	0800	TB041614-2	X	40 ml VOA	W		HCl	X		3	
	0835	MP-01-1	X							3	
	0925	MP-01-2	X							3	
	1025	MP-01-3	X							3	
	1130	MP-02-1	X							3	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: David Allbut PRINTED NAME: David Allbut COMPANY: AMEC	4/16/14	1535	SIGNATURE: Joan Mullen PRINTED NAME: Mullen COMPANY: TAmeri	4/16/14	1535
SIGNATURE: PRINTED NAME: COMPANY:			SIGNATURE: PRINTED NAME: COMPANY:		
SIGNATURE: PRINTED NAME: COMPANY:			SIGNATURE: PRINTED NAME: COMPANY:		

TOTAL NUMBER OF CONTAINERS

SAMPLING COMMENTS:

PO # C01220333I

3.9°C

amec

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-56805-1

Login Number: 56805
List Number: 1
Creator: Gonzales, Justinn

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: 720-56805-2
Client Project/Site: Crown Chevrolet Cadillac Isuzu

For:
AMEC Environment & Infrastructure, Inc.
2101 Webster Street, 12th Floor
Oakland, California 94612

Attn: Avery Whitmarsh

Authorized for release by:
4/21/2014 2:48:58 PM

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

LINKS

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Have a Question? Ask The Expert

Visit us at:
www.testamericainc.com

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

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

Table of Contents

Definitions/Glossary

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

TestAmerica Job ID: 720-56805-2

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
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: 720-56805-2

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-56805-2

Comments
No additional comments.

Receipt
The samples were received on 4/16/2014 3:35 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9° C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS)for batch <<157538>> recovered outside control limits for the following analytes: <<Tetrachloroethene>>. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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 (720-56805-15). <<Tetrachloroethene>>

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: MP-01-2 (720-56805-16). <<cis-1,2-dichloroethene>>

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 720-56805-18 is due to the presence of discrete peak: TCE.

No other analytical or quality issues were noted.

Detection Summary

Client Sample ID: TB04161-2 — Lab Sample ID: 720-56805-14

No Detections.

Client Sample ID: MP-01-1 — Lab Sample ID: 720-56805-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.6		0.50		ug/L	1		8260B/CA_LUFTMS	Total/NA
Tetrachloroethene	140	J	0.50		ug/L	1		8260B/CA_LUFTMS	Total/NA
Trichloroethene	13	J	0.50		ug/L	1		8260B/CA_LUFTMS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	140	R	50		ug/L	1		8260B/CA_LUFTMS	Total/NA

Client Sample ID: MP-01-2 — Lab Sample ID: 720-56805-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	65		0.50		ug/L	1		8260B/CA_LUFTMS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	56	R	50		ug/L	1		8260B/CA_LUFTMS	Total/NA

Client Sample ID: MP-01-3 — Lab Sample ID: 720-56805-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		0.50		ug/L	1		8260B/CA_LUFTMS	Total/NA

Client Sample ID: MP-02-1 — Lab Sample ID: 720-56805-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.54		0.50		ug/L	1		8260B/CA_LUFTMS	Total/NA
cis-1,2-Dichloroethene	8.0		0.50		ug/L	1		8260B/CA_LUFTMS	Total/NA
trans-1,2-Dichloroethene	1.1		0.50		ug/L	1		8260B/CA_LUFTMS	Total/NA
Tetrachloroethene	4.9	J	0.50		ug/L	1		8260B/CA_LUFTMS	Total/NA
Trichloroethene	78	J	0.50		ug/L	1		8260B/CA_LUFTMS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	85	R	50		ug/L	1		8260B/CA_LUFTMS	Total/NA

Client Sample Results

Client: AMEC Environment & Infrastructure, Inc. TestAmerica Job ID: 720-56805-2
Project/Site: Crown Chevrolet Cadillac Isuzu

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

Client Sample ID: TB04161-2 **Lab Sample ID: 720-56805-14**
Date Collected: 04/16/14 08:00 **Matrix: Water**
Date Received: 04/16/14 15:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 12:48	1
Acetone	ND		50		ug/L			04/17/14 12:48	1
Benzene	ND		0.50		ug/L			04/17/14 12:48	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 12:48	1
Bromobenzene	ND		1.0		ug/L			04/17/14 12:48	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 12:48	1
Bromoform	ND		1.0		ug/L			04/17/14 12:48	1
Bromomethane	ND		1.0		ug/L			04/17/14 12:48	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 12:48	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 12:48	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 12:48	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 12:48	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 12:48	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 12:48	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 12:48	1
Chloroethane	ND		1.0		ug/L			04/17/14 12:48	1
Chloroform	ND		1.0		ug/L			04/17/14 12:48	1
Chloromethane	ND		1.0		ug/L			04/17/14 12:48	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 12:48	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 12:48	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 12:48	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 12:48	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 12:48	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 12:48	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 12:48	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 12:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 12:48	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 12:48	1
Dibromomethane	ND		0.50		ug/L			04/17/14 12:48	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 12:48	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 12:48	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 12:48	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 12:48	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 12:48	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 12:48	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 12:48	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 12:48	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 12:48	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 12:48	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 12:48	1
2-Hexanone	ND		50		ug/L			04/17/14 12:48	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 12:48	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 12:48	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 12:48	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 12:48	1
Naphthalene	ND		1.0		ug/L			04/17/14 12:48	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 12:48	1
Styrene	ND		0.50		ug/L			04/17/14 12:48	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 12:48	1

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

Client Sample ID: TB04161-2
Date Collected: 04/16/14 08:00
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 12:48	1
Tetrachloroethene	ND	*	0.50		ug/L			04/17/14 12:48	1
Toluene	ND		0.50		ug/L			04/17/14 12:48	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 12:48	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 12:48	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 12:48	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 12:48	1
Trichloroethene	ND		0.50		ug/L			04/17/14 12:48	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 12:48	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 12:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 12:48	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 12:48	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 12:48	1
Vinyl acetate	ND		10		ug/L			04/17/14 12:48	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 12:48	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 12:48	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 12:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*04/17/14 12:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 130*		*04/17/14 12:48*	*1*
Toluene-d8 (Surr)	*120*		*70 - 130*		*04/17/14 12:48*	*1*

Client Sample ID: MP-01-1
Date Collected: 04/16/14 08:35
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 20:03	1
Acetone	ND		50		ug/L			04/17/14 20:03	1
Benzene	ND		0.50		ug/L			04/17/14 20:03	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 20:03	1
Bromobenzene	ND		1.0		ug/L			04/17/14 20:03	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 20:03	1
Bromoform	ND		1.0		ug/L			04/17/14 20:03	1
Bromomethane	ND		1.0		ug/L			04/17/14 20:03	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 20:03	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 20:03	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 20:03	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 20:03	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 20:03	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 20:03	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 20:03	1
Chloroethane	ND		1.0		ug/L			04/17/14 20:03	1
Chloroform	ND		1.0		ug/L			04/17/14 20:03	1
Chloromethane	ND		1.0		ug/L			04/17/14 20:03	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 20:03	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 20:03	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 20:03	1

Client Sample Results

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

Client Sample ID: MP-01-1
Date Collected: 04/16/14 08:35
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 20:03	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 20:03	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 20:03	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 20:03	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 20:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 20:03	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 20:03	1
Dibromomethane	ND		0.50		ug/L			04/17/14 20:03	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 20:03	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 20:03	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 20:03	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 20:03	1
cis-1,2-Dichloroethene	**1.6**		0.50		ug/L			04/17/14 20:03	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 20:03	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 20:03	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 20:03	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 20:03	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 20:03	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 20:03	1
2-Hexanone	ND		50		ug/L			04/17/14 20:03	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 20:03	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 20:03	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 20:03	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 20:03	1
Naphthalene	ND		1.0		ug/L			04/17/14 20:03	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 20:03	1
Styrene	ND		0.50		ug/L			04/17/14 20:03	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 20:03	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 20:03	1
Tetrachloroethene	**140**	J	0.50		ug/L			04/17/14 20:03	1
Toluene	ND		0.50		ug/L			04/17/14 20:03	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 20:03	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 20:03	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 20:03	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 20:03	1
Trichloroethene	**13**	J	0.50		ug/L			04/17/14 20:03	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 20:03	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 20:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 20:03	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 20:03	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 20:03	1
Vinyl acetate	ND		10		ug/L			04/17/14 20:03	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 20:03	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 20:03	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 20:03	1
Gasoline Range Organics (GRO) -C5-C12	**140**	R	50		ug/L			04/17/14 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 130*		*04/17/14 20:03*	*1*

Client Sample Results

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

TestAmerica Job ID: 720-56805-2

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

Client Sample ID: MP-01-1
Date Collected: 04/16/14 08:35
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-15
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 130*		*04/17/14 20:03*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*04/17/14 20:03*	*1*

Client Sample ID: MP-01-2
Date Collected: 04/16/14 09:25
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 20:32	1
Acetone	ND		50		ug/L			04/17/14 20:32	1
Benzene	ND		0.50		ug/L			04/17/14 20:32	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 20:32	1
Bromobenzene	ND		1.0		ug/L			04/17/14 20:32	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 20:32	1
Bromoform	ND		1.0		ug/L			04/17/14 20:32	1
Bromomethane	ND		1.0		ug/L			04/17/14 20:32	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 20:32	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 20:32	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 20:32	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 20:32	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 20:32	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 20:32	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 20:32	1
Chloroethane	ND		1.0		ug/L			04/17/14 20:32	1
Chloroform	ND		1.0		ug/L			04/17/14 20:32	1
Chloromethane	ND		1.0		ug/L			04/17/14 20:32	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 20:32	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 20:32	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 20:32	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 20:32	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 20:32	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 20:32	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 20:32	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 20:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 20:32	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 20:32	1
Dibromomethane	ND		0.50		ug/L			04/17/14 20:32	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 20:32	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 20:32	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 20:32	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 20:32	1
cis-1,2-Dichloroethene	**65**		0.50		ug/L			04/17/14 20:32	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 20:32	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 20:32	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 20:32	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 20:32	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 20:32	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 20:32	1
2-Hexanone	ND		50		ug/L			04/17/14 20:32	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 20:32	1

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

Client Sample ID: MP-01-2
Date Collected: 04/16/14 09:25
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 20:32	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 20:32	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 20:32	1
Naphthalene	ND		1.0		ug/L			04/17/14 20:32	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 20:32	1
Styrene	ND		0.50		ug/L			04/17/14 20:32	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 20:32	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 20:32	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 20:32	1
Toluene	ND		0.50		ug/L			04/17/14 20:32	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 20:32	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 20:32	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 20:32	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 20:32	1
Trichloroethene	ND		0.50		ug/L			04/17/14 20:32	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 20:32	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 20:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 20:32	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 20:32	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 20:32	1
Vinyl acetate	ND		10		ug/L			04/17/14 20:32	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 20:32	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 20:32	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 20:32	1
Gasoline Range Organics (GRO) -C5-C12	**56**	R	50		ug/L			04/17/14 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*04/17/14 20:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*		*04/17/14 20:32*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*		*04/17/14 20:32*	*1*

Client Sample ID: MP-01-3
Date Collected: 04/16/14 10:25
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 21:00	1
Acetone	ND		50		ug/L			04/17/14 21:00	1
Benzene	ND		0.50		ug/L			04/17/14 21:00	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 21:00	1
Bromobenzene	ND		1.0		ug/L			04/17/14 21:00	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 21:00	1
Bromoform	ND		1.0		ug/L			04/17/14 21:00	1
Bromomethane	ND		1.0		ug/L			04/17/14 21:00	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 21:00	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 21:00	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 21:00	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 21:00	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 21:00	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 21:00	1

Client Sample Results

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

TestAmerica Job ID: 720-56805-2

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

Client Sample ID: MP-01-3
Date Collected: 04/16/14 10:25
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			04/17/14 21:00	1
Chloroethane	ND		1.0		ug/L			04/17/14 21:00	1
Chloroform	ND		1.0		ug/L			04/17/14 21:00	1
Chloromethane	ND		1.0		ug/L			04/17/14 21:00	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 21:00	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 21:00	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 21:00	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 21:00	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 21:00	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 21:00	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 21:00	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 21:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 21:00	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 21:00	1
Dibromomethane	ND		0.50		ug/L			04/17/14 21:00	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 21:00	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 21:00	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 21:00	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 21:00	1
cis-1,2-Dichloroethene	**2.1**		0.50		ug/L			04/17/14 21:00	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 21:00	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 21:00	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 21:00	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 21:00	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 21:00	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 21:00	1
2-Hexanone	ND		50		ug/L			04/17/14 21:00	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 21:00	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 21:00	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 21:00	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 21:00	1
Naphthalene	ND		1.0		ug/L			04/17/14 21:00	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 21:00	1
Styrene	ND		0.50		ug/L			04/17/14 21:00	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 21:00	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 21:00	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 21:00	1
Toluene	ND		0.50		ug/L			04/17/14 21:00	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 21:00	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 21:00	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 21:00	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 21:00	1
Trichloroethene	ND		0.50		ug/L			04/17/14 21:00	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 21:00	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 21:00	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 21:00	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 21:00	1
Vinyl acetate	ND		10		ug/L			04/17/14 21:00	1

Client Sample Results

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

Client Sample ID: MP-01-3
Lab Sample ID: 720-56805-17
Date Collected: 04/16/14 10:25
Matrix: Water
Date Received: 04/16/14 15:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			04/17/14 21:00	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 21:00	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 21:00	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*04/17/14 21:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 130*		*04/17/14 21:00*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*04/17/14 21:00*	*1*

Client Sample ID: MP-02-1
Lab Sample ID: 720-56805-18
Date Collected: 04/16/14 11:30
Matrix: Water
Date Received: 04/16/14 15:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/17/14 18:51	1
Acetone	ND		50		ug/L			04/17/14 18:51	1
Benzene	ND		0.50		ug/L			04/17/14 18:51	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 18:51	1
Bromobenzene	ND		1.0		ug/L			04/17/14 18:51	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 18:51	1
Bromoform	ND		1.0		ug/L			04/17/14 18:51	1
Bromomethane	ND		1.0		ug/L			04/17/14 18:51	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 18:51	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 18:51	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 18:51	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 18:51	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 18:51	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 18:51	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 18:51	1
Chloroethane	ND		1.0		ug/L			04/17/14 18:51	1
Chloroform	ND		1.0		ug/L			04/17/14 18:51	1
Chloromethane	ND		1.0		ug/L			04/17/14 18:51	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 18:51	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 18:51	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 18:51	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 18:51	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 18:51	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 18:51	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 18:51	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 18:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 18:51	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 18:51	1
Dibromomethane	ND		0.50		ug/L			04/17/14 18:51	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 18:51	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 18:51	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 18:51	1
1,1-Dichloroethene	**0.54**		0.50		ug/L			04/17/14 18:51	1
cis-1,2-Dichloroethene	**8.0**		0.50		ug/L			04/17/14 18:51	1
trans-1,2-Dichloroethene	**1.1**		0.50		ug/L			04/17/14 18:51	1

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

Client Sample ID: MP-02-1
Date Collected: 04/16/14 11:30
Date Received: 04/16/14 15:35

Lab Sample ID: 720-56805-18
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 18:51	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 18:51	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 18:51	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 18:51	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 18:51	1
2-Hexanone	ND		50		ug/L			04/17/14 18:51	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 18:51	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 18:51	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 18:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 18:51	1
Naphthalene	ND		1.0		ug/L			04/17/14 18:51	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 18:51	1
Styrene	ND		0.50		ug/L			04/17/14 18:51	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 18:51	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 18:51	1
Tetrachloroethene	**4.9**	J	0.50		ug/L			04/18/14 10:29	1
Toluene	ND		0.50		ug/L			04/17/14 18:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 18:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 18:51	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 18:51	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 18:51	1
Trichloroethene	**78**	J	0.50		ug/L			04/17/14 18:51	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 18:51	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 18:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 18:51	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 18:51	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 18:51	1
Vinyl acetate	ND		10		ug/L			04/17/14 18:51	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 18:51	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 18:51	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 18:51	1
Gasoline Range Organics (GRO) -C5-C12	**85**	R	50		ug/L			04/17/14 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*		*04/17/14 18:51*	*1*
4-Bromofluorobenzene	*96*		*67 - 130*		*04/18/14 10:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*72 - 130*		*04/17/14 18:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 130*		*04/18/14 10:29*	*1*
Toluene-d8 (Surr)	*119*		*70 - 130*		*04/17/14 18:51*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/18/14 10:29*	*1*

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

Lab Sample ID: MB 720-157538/7
Matrix: Water
Analysis Batch: 157538

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			04/17/14 10:11	1
Acetone	ND		50		ug/L			04/17/14 10:11	1
Benzene	ND		0.50		ug/L			04/17/14 10:11	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 10:11	1
Bromobenzene	ND		1.0		ug/L			04/17/14 10:11	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 10:11	1
Bromoform	ND		1.0		ug/L			04/17/14 10:11	1
Bromomethane	ND		1.0		ug/L			04/17/14 10:11	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 10:11	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 10:11	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 10:11	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 10:11	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 10:11	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 10:11	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 10:11	1
Chloroethane	ND		1.0		ug/L			04/17/14 10:11	1
Chloroform	ND		1.0		ug/L			04/17/14 10:11	1
Chloromethane	ND		1.0		ug/L			04/17/14 10:11	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 10:11	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 10:11	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 10:11	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 10:11	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 10:11	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 10:11	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 10:11	1
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 10:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 10:11	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 10:11	1
Dibromomethane	ND		0.50		ug/L			04/17/14 10:11	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 10:11	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 10:11	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 10:11	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 10:11	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 10:11	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 10:11	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 10:11	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 10:11	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 10:11	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 10:11	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 10:11	1
2-Hexanone	ND		50		ug/L			04/17/14 10:11	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 10:11	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 10:11	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 10:11	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 10:11	1
Naphthalene	ND		1.0		ug/L			04/17/14 10:11	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 10:11	1
Styrene	ND		0.50		ug/L			04/17/14 10:11	1

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

Lab Sample ID: MB 720-157538/7
Matrix: Water
Analysis Batch: 157538

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			04/17/14 10:11	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 10:11	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 10:11	1
Toluene	ND		0.50		ug/L			04/17/14 10:11	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 10:11	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 10:11	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 10:11	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 10:11	1
Trichloroethene	ND		0.50		ug/L			04/17/14 10:11	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 10:11	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 10:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 10:11	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 10:11	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 10:11	1
Vinyl acetate	ND		10		ug/L			04/17/14 10:11	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 10:11	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 10:11	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 10:11	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 10:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 130*		*04/17/14 10:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 130*		*04/17/14 10:11*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/17/14 10:11*	*1*

Lab Sample ID: LCS 720-157538/10
Matrix: Water
Analysis Batch: 157538

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	570		ug/L		114	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCS 720-157538/8
Matrix: Water
Analysis Batch: 157538

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	26.6		ug/L		106	62 - 130
Acetone	125	124		ug/L		99	26 - 180
Benzene	25.0	27.0		ug/L		108	79 - 130
Dichlorobromomethane	25.0	29.3		ug/L		117	70 - 130

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

Lab Sample ID: LCS 720-157538/8
Matrix: Water
Analysis Batch: 157538

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	25.0	29.0		ug/L		116	70 - 130
Chlorobromomethane	25.0	29.0		ug/L		116	70 - 130
Bromoform	25.0	30.7		ug/L		123	68 - 136
Bromomethane	25.0	28.4		ug/L		114	43 - 151
2-Butanone (MEK)	125	127		ug/L		102	54 - 130
n-Butylbenzene	25.0	29.5		ug/L		118	70 - 142
sec-Butylbenzene	25.0	29.7		ug/L		119	70 - 134
tert-Butylbenzene	25.0	29.9		ug/L		119	70 - 135
Carbon disulfide	25.0	24.0		ug/L		96	58 - 130
Carbon tetrachloride	25.0	31.2		ug/L		125	70 - 146
Chlorobenzene	25.0	29.0		ug/L		116	70 - 130
Chloroethane	25.0	27.2		ug/L		109	62 - 138
Chloroform	25.0	29.5		ug/L		118	70 - 130
Chloromethane	25.0	27.8		ug/L		111	52 - 175
2-Chlorotoluene	25.0	28.8		ug/L		115	70 - 130
4-Chlorotoluene	25.0	28.4		ug/L		113	70 - 130
Chlorodibromomethane	25.0	31.6		ug/L		126	70 - 145
1,2-Dichlorobenzene	25.0	28.2		ug/L		113	70 - 130
1,3-Dichlorobenzene	25.0	29.5		ug/L		118	70 - 130
1,4-Dichlorobenzene	25.0	29.3		ug/L		117	70 - 130
1,3-Dichloropropane	25.0	29.5		ug/L		118	70 - 130
1,1-Dichloropropene	25.0	31.0		ug/L		124	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.1		ug/L		108	70 - 136
Ethylene Dibromide	25.0	30.1		ug/L		120	70 - 130
Dibromomethane	25.0	30.0		ug/L		120	70 - 130
Dichlorodifluoromethane	25.0	24.8		ug/L		99	34 - 132
1,1-Dichloroethane	25.0	28.0		ug/L		112	70 - 130
1,2-Dichloroethane	25.0	28.5		ug/L		114	61 - 132
1,1-Dichloroethene	25.0	26.3		ug/L		105	64 - 128
cis-1,2-Dichloroethene	25.0	29.4		ug/L		118	70 - 130
trans-1,2-Dichloroethene	25.0	27.3		ug/L		109	68 - 130
1,2-Dichloropropane	25.0	27.2		ug/L		109	70 - 130
cis-1,3-Dichloropropene	25.0	29.6		ug/L		118	70 - 130
trans-1,3-Dichloropropene	25.0	31.4		ug/L		126	70 - 140
Ethylbenzene	25.0	28.3		ug/L		113	80 - 120
Hexachlorobutadiene	25.0	28.5		ug/L		114	70 - 130
2-Hexanone	125	138		ug/L		110	60 - 164
Isopropylbenzene	25.0	30.2		ug/L		121	70 - 130
4-Isopropyltoluene	25.0	29.9		ug/L		120	70 - 130
Methylene Chloride	25.0	28.1		ug/L		113	70 - 147
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		111	58 - 130
Naphthalene	25.0	27.5		ug/L		110	70 - 130
N-Propylbenzene	25.0	29.1		ug/L		116	70 - 130
Styrene	25.0	29.2		ug/L		117	70 - 130
1,1,1,2-Tetrachloroethane	25.0	29.4		ug/L		117	70 - 130
1,1,2,2-Tetrachloroethane	25.0	28.7		ug/L		115	70 - 130
Tetrachloroethene	25.0	32.8	*	ug/L		131	70 - 130
Toluene	25.0	28.3		ug/L		113	78 - 120

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

Lab Sample ID: LCS 720-157538/8
Matrix: Water
Analysis Batch: 157538

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	25.0	29.2		ug/L		117	70 - 130
1,2,4-Trichlorobenzene	25.0	27.8		ug/L		111	70 - 130
1,1,1-Trichloroethane	25.0	30.9		ug/L		124	70 - 130
1,1,2-Trichloroethane	25.0	29.1		ug/L		116	70 - 130
Trichloroethene	25.0	30.2		ug/L		121	70 - 130
Trichlorofluoromethane	25.0	30.7		ug/L		123	66 - 132
1,2,3-Trichloropropane	25.0	29.4		ug/L		118	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.0		ug/L		112	42 - 162
1,2,4-Trimethylbenzene	25.0	28.9		ug/L		115	70 - 132
1,3,5-Trimethylbenzene	25.0	29.1		ug/L		116	70 - 130
Vinyl acetate	25.0	34.4		ug/L		137	43 - 163
Vinyl chloride	25.0	29.1		ug/L		117	54 - 135
m-Xylene & p-Xylene	50.0	58.8		ug/L		118	70 - 142
o-Xylene	25.0	29.5		ug/L		118	70 - 130
2,2-Dichloropropane	25.0	32.2		ug/L		129	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 720-157538/11
Matrix: Water
Analysis Batch: 157538

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	580		ug/L		116	62 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 720-157538/9
Matrix: Water
Analysis Batch: 157538

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	26.0		ug/L		104	62 - 130	2	20
Acetone	125	130		ug/L		104	26 - 180	5	30
Benzene	25.0	25.9		ug/L		104	79 - 130	4	20
Dichlorobromomethane	25.0	27.9		ug/L		112	70 - 130	5	20
Bromobenzene	25.0	27.3		ug/L		109	70 - 130	6	20
Chlorobromomethane	25.0	28.0		ug/L		112	70 - 130	4	20
Bromoform	25.0	30.7		ug/L		123	68 - 136	0	20
Bromomethane	25.0	26.8		ug/L		107	43 - 151	6	20

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

Lab Sample ID: LCSD 720-157538/9
Matrix: Water
Analysis Batch: 157538

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
2-Butanone (MEK)	125	130		ug/L		104	54 - 130	2	20
n-Butylbenzene	25.0	27.6		ug/L		110	70 - 142	7	20
sec-Butylbenzene	25.0	27.8		ug/L		111	70 - 134	7	20
tert-Butylbenzene	25.0	27.7		ug/L		111	70 - 135	8	20
Carbon disulfide	25.0	23.3		ug/L		93	58 - 130	3	20
Carbon tetrachloride	25.0	29.4		ug/L		117	70 - 146	6	20
Chlorobenzene	25.0	28.0		ug/L		112	70 - 130	3	20
Chloroethane	25.0	25.5		ug/L		102	62 - 138	7	20
Chloroform	25.0	28.1		ug/L		112	70 - 130	5	20
Chloromethane	25.0	26.0		ug/L		104	52 - 175	7	20
2-Chlorotoluene	25.0	27.2		ug/L		109	70 - 130	5	20
4-Chlorotoluene	25.0	26.6		ug/L		106	70 - 130	6	20
Chlorodibromomethane	25.0	29.5		ug/L		118	70 - 145	7	20
1,2-Dichlorobenzene	25.0	27.5		ug/L		110	70 - 130	2	20
1,3-Dichlorobenzene	25.0	27.9		ug/L		112	70 - 130	6	20
1,4-Dichlorobenzene	25.0	28.2		ug/L		113	70 - 130	4	20
1,3-Dichloropropane	25.0	27.8		ug/L		111	70 - 130	6	20
1,1-Dichloropropene	25.0	29.5		ug/L		118	70 - 130	5	20
1,2-Dibromo-3-Chloropropane	25.0	27.8		ug/L		111	70 - 136	3	20
Ethylene Dibromide	25.0	28.5		ug/L		114	70 - 130	5	20
Dibromomethane	25.0	28.8		ug/L		115	70 - 130	4	20
Dichlorodifluoromethane	25.0	23.6		ug/L		94	34 - 132	5	20
1,1-Dichloroethane	25.0	27.1		ug/L		108	70 - 130	3	20
1,2-Dichloroethane	25.0	27.6		ug/L		110	61 - 132	3	20
1,1-Dichloroethene	25.0	24.6		ug/L		98	64 - 128	7	20
cis-1,2-Dichloroethene	25.0	28.0		ug/L		112	70 - 130	5	20
trans-1,2-Dichloroethene	25.0	26.1		ug/L		104	68 - 130	5	20
1,2-Dichloropropane	25.0	25.9		ug/L		104	70 - 130	5	20
cis-1,3-Dichloropropene	25.0	27.8		ug/L		111	70 - 130	6	20
trans-1,3-Dichloropropene	25.0	30.1		ug/L		120	70 - 140	4	20
Ethylbenzene	25.0	26.9		ug/L		107	80 - 120	5	20
Hexachlorobutadiene	25.0	27.3		ug/L		109	70 - 130	4	20
2-Hexanone	125	137		ug/L		110	60 - 164	1	20
Isopropylbenzene	25.0	29.1		ug/L		116	70 - 130	4	20
4-Isopropyltoluene	25.0	27.9		ug/L		112	70 - 130	7	20
Methylene Chloride	25.0	27.1		ug/L		109	70 - 147	4	20
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	58 - 130	1	20
Naphthalene	25.0	27.7		ug/L		111	70 - 130	1	20
N-Propylbenzene	25.0	27.3		ug/L		109	70 - 130	6	20
Styrene	25.0	28.5		ug/L		114	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	28.5		ug/L		114	70 - 130	3	20
1,1,2,2-Tetrachloroethane	25.0	27.6		ug/L		110	70 - 130	4	20
Tetrachloroethene	25.0	30.0		ug/L		120	70 - 130	9	20
Toluene	25.0	27.3		ug/L		109	78 - 120	3	20
1,2,3-Trichlorobenzene	25.0	28.5		ug/L		114	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	27.1		ug/L		108	70 - 130	3	20
1,1,1-Trichloroethane	25.0	29.2		ug/L		117	70 - 130	6	20
1,1,2-Trichloroethane	25.0	27.5		ug/L		110	70 - 130	5	20

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

Lab Sample ID: LCSD 720-157538/9
Matrix: Water
Analysis Batch: 157538

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
Trichloroethene	25.0	28.3		ug/L		113	70 - 130	6	20
Trichlorofluoromethane	25.0	29.8		ug/L		119	66 - 132	3	20
1,2,3-Trichloropropane	25.0	29.0		ug/L		116	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.8		ug/L		103	42 - 162	8	20
1,2,4-Trimethylbenzene	25.0	27.2		ug/L		109	70 - 132	6	20
1,3,5-Trimethylbenzene	25.0	27.6		ug/L		111	70 - 130	5	20
Vinyl acetate	25.0	34.3		ug/L		137	43 - 163	0	20
Vinyl chloride	25.0	27.8		ug/L		111	54 - 135	5	20
m-Xylene & p-Xylene	50.0	56.5		ug/L		113	70 - 142	4	20
o-Xylene	25.0	28.7		ug/L		115	70 - 130	3	20
2,2-Dichloropropane	25.0	31.2		ug/L		125	70 - 140	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*72 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 720-157560/4
Matrix: Water
Analysis Batch: 157560

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			04/17/14 11:06	1
Acetone	ND		50		ug/L			04/17/14 11:06	1
Benzene	ND		0.50		ug/L			04/17/14 11:06	1
Dichlorobromomethane	ND		0.50		ug/L			04/17/14 11:06	1
Bromobenzene	ND		1.0		ug/L			04/17/14 11:06	1
Chlorobromomethane	ND		1.0		ug/L			04/17/14 11:06	1
Bromoform	ND		1.0		ug/L			04/17/14 11:06	1
Bromomethane	ND		1.0		ug/L			04/17/14 11:06	1
2-Butanone (MEK)	ND		50		ug/L			04/17/14 11:06	1
n-Butylbenzene	ND		1.0		ug/L			04/17/14 11:06	1
sec-Butylbenzene	ND		1.0		ug/L			04/17/14 11:06	1
tert-Butylbenzene	ND		1.0		ug/L			04/17/14 11:06	1
Carbon disulfide	ND		5.0		ug/L			04/17/14 11:06	1
Carbon tetrachloride	ND		0.50		ug/L			04/17/14 11:06	1
Chlorobenzene	ND		0.50		ug/L			04/17/14 11:06	1
Chloroethane	ND		1.0		ug/L			04/17/14 11:06	1
Chloroform	ND		1.0		ug/L			04/17/14 11:06	1
Chloromethane	ND		1.0		ug/L			04/17/14 11:06	1
2-Chlorotoluene	ND		0.50		ug/L			04/17/14 11:06	1
4-Chlorotoluene	ND		0.50		ug/L			04/17/14 11:06	1
Chlorodibromomethane	ND		0.50		ug/L			04/17/14 11:06	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/17/14 11:06	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/17/14 11:06	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/17/14 11:06	1
1,3-Dichloropropane	ND		1.0		ug/L			04/17/14 11:06	1

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

Lab Sample ID: MB 720-157560/4
Matrix: Water
Analysis Batch: 157560

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.50		ug/L			04/17/14 11:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/17/14 11:06	1
Ethylene Dibromide	ND		0.50		ug/L			04/17/14 11:06	1
Dibromomethane	ND		0.50		ug/L			04/17/14 11:06	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/17/14 11:06	1
1,1-Dichloroethane	ND		0.50		ug/L			04/17/14 11:06	1
1,2-Dichloroethane	ND		0.50		ug/L			04/17/14 11:06	1
1,1-Dichloroethene	ND		0.50		ug/L			04/17/14 11:06	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 11:06	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/17/14 11:06	1
1,2-Dichloropropane	ND		0.50		ug/L			04/17/14 11:06	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 11:06	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/17/14 11:06	1
Ethylbenzene	ND		0.50		ug/L			04/17/14 11:06	1
Hexachlorobutadiene	ND		1.0		ug/L			04/17/14 11:06	1
2-Hexanone	ND		50		ug/L			04/17/14 11:06	1
Isopropylbenzene	ND		0.50		ug/L			04/17/14 11:06	1
4-Isopropyltoluene	ND		1.0		ug/L			04/17/14 11:06	1
Methylene Chloride	ND		5.0		ug/L			04/17/14 11:06	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/17/14 11:06	1
Naphthalene	ND		1.0		ug/L			04/17/14 11:06	1
N-Propylbenzene	ND		1.0		ug/L			04/17/14 11:06	1
Styrene	ND		0.50		ug/L			04/17/14 11:06	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 11:06	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/17/14 11:06	1
Tetrachloroethene	ND		0.50		ug/L			04/17/14 11:06	1
Toluene	ND		0.50		ug/L			04/17/14 11:06	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/17/14 11:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/17/14 11:06	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/17/14 11:06	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/17/14 11:06	1
Trichloroethene	ND		0.50		ug/L			04/17/14 11:06	1
Trichlorofluoromethane	ND		1.0		ug/L			04/17/14 11:06	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/17/14 11:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/17/14 11:06	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/17/14 11:06	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/17/14 11:06	1
Vinyl acetate	ND		10		ug/L			04/17/14 11:06	1
Vinyl chloride	ND		0.50		ug/L			04/17/14 11:06	1
Xylenes, Total	ND		1.0		ug/L			04/17/14 11:06	1
2,2-Dichloropropane	ND		0.50		ug/L			04/17/14 11:06	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/17/14 11:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 130*		*04/17/14 11:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*72 - 130*		*04/17/14 11:06*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/17/14 11:06*	*1*

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

Lab Sample ID: LCS 720-157560/5
Matrix: Water
Analysis Batch: 157560

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	22.5		ug/L		90	62 - 130
Acetone	125	118		ug/L		94	26 - 180
Benzene	25.0	24.1		ug/L		96	79 - 130
Dichlorobromomethane	25.0	23.8		ug/L		95	70 - 130
Bromobenzene	25.0	25.2		ug/L		101	70 - 130
Chlorobromomethane	25.0	25.8		ug/L		103	70 - 130
Bromoform	25.0	27.1		ug/L		108	68 - 136
Bromomethane	25.0	24.4		ug/L		98	43 - 151
2-Butanone (MEK)	125	115		ug/L		92	54 - 130
n-Butylbenzene	25.0	27.5		ug/L		110	70 - 142
sec-Butylbenzene	25.0	27.8		ug/L		111	70 - 134
tert-Butylbenzene	25.0	28.0		ug/L		112	70 - 135
Carbon disulfide	25.0	22.3		ug/L		89	58 - 130
Carbon tetrachloride	25.0	29.9		ug/L		120	70 - 146
Chlorobenzene	25.0	26.3		ug/L		105	70 - 130
Chloroethane	25.0	24.2		ug/L		97	62 - 138
Chloroform	25.0	24.2		ug/L		97	70 - 130
Chloromethane	25.0	22.9		ug/L		92	52 - 175
2-Chlorotoluene	25.0	25.6		ug/L		102	70 - 130
4-Chlorotoluene	25.0	24.6		ug/L		98	70 - 130
Chlorodibromomethane	25.0	26.1		ug/L		104	70 - 145
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130
1,3-Dichlorobenzene	25.0	27.0		ug/L		108	70 - 130
1,4-Dichlorobenzene	25.0	26.7		ug/L		107	70 - 130
1,3-Dichloropropane	25.0	23.3		ug/L		93	70 - 130
1,1-Dichloropropene	25.0	27.0		ug/L		108	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	26.7		ug/L		107	70 - 136
Ethylene Dibromide	25.0	25.3		ug/L		101	70 - 130
Dibromomethane	25.0	24.4		ug/L		98	70 - 130
Dichlorodifluoromethane	25.0	21.7		ug/L		87	34 - 132
1,1-Dichloroethane	25.0	23.8		ug/L		95	70 - 130
1,2-Dichloroethane	25.0	22.1		ug/L		88	61 - 132
1,1-Dichloroethene	25.0	25.9		ug/L		104	64 - 128
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	70 - 130
trans-1,2-Dichloroethene	25.0	25.7		ug/L		103	68 - 130
1,2-Dichloropropane	25.0	22.8		ug/L		91	70 - 130
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	70 - 130
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	70 - 140
Ethylbenzene	25.0	25.9		ug/L		103	80 - 120
Hexachlorobutadiene	25.0	29.7		ug/L		119	70 - 130
2-Hexanone	125	110		ug/L		88	60 - 164
Isopropylbenzene	25.0	28.8		ug/L		115	70 - 130
4-Isopropyltoluene	25.0	28.1		ug/L		112	70 - 130
Methylene Chloride	25.0	21.7		ug/L		87	70 - 147
4-Methyl-2-pentanone (MIBK)	125	112		ug/L		90	58 - 130
Naphthalene	25.0	28.1		ug/L		113	70 - 130
N-Propylbenzene	25.0	25.6		ug/L		103	70 - 130
Styrene	25.0	26.5		ug/L		106	70 - 130

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

Lab Sample ID: LCS 720-157560/5
Matrix: Water
Analysis Batch: 157560

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	28.0		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	70 - 130
Tetrachloroethene	25.0	29.9		ug/L		119	70 - 130
Toluene	25.0	23.7		ug/L		95	78 - 120
1,2,3-Trichlorobenzene	25.0	28.2		ug/L		113	70 - 130
1,2,4-Trichlorobenzene	25.0	28.2		ug/L		113	70 - 130
1,1,1-Trichloroethane	25.0	27.7		ug/L		111	70 - 130
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	70 - 130
Trichloroethene	25.0	26.8		ug/L		107	70 - 130
Trichlorofluoromethane	25.0	27.6		ug/L		110	66 - 132
1,2,3-Trichloropropane	25.0	24.7		ug/L		99	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.7		ug/L		107	42 - 162
1,2,4-Trimethylbenzene	25.0	26.1		ug/L		104	70 - 132
1,3,5-Trimethylbenzene	25.0	26.7		ug/L		107	70 - 130
Vinyl acetate	25.0	27.8		ug/L		111	43 - 163
Vinyl chloride	25.0	22.9		ug/L		92	54 - 135
m-Xylene & p-Xylene	50.0	53.9		ug/L		108	70 - 142
o-Xylene	25.0	26.8		ug/L		107	70 - 130
2,2-Dichloropropane	25.0	28.3		ug/L		113	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*83*		*72 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCS 720-157560/7
Matrix: Water
Analysis Batch: 157560

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	540		ug/L		108	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 720-157560/6
Matrix: Water
Analysis Batch: 157560

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	23.2		ug/L		93	62 - 130	3	20
Acetone	125	118		ug/L		94	26 - 180	0	30
Benzene	25.0	24.3		ug/L		97	79 - 130	1	20
Dichlorobromomethane	25.0	24.2		ug/L		97	70 - 130	2	20

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

Lab Sample ID: LCSD 720-157560/6
Matrix: Water
Analysis Batch: 157560

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
Bromobenzene	25.0	25.2		ug/L		101	70 - 130	0	20
Chlorobromomethane	25.0	26.1		ug/L		105	70 - 130	1	20
Bromoform	25.0	27.4		ug/L		110	68 - 136	1	20
Bromomethane	25.0	24.1		ug/L		96	43 - 151	1	20
2-Butanone (MEK)	125	114		ug/L		91	54 - 130	1	20
n-Butylbenzene	25.0	27.5		ug/L		110	70 - 142	0	20
sec-Butylbenzene	25.0	27.7		ug/L		111	70 - 134	0	20
tert-Butylbenzene	25.0	28.0		ug/L		112	70 - 135	0	20
Carbon disulfide	25.0	21.7		ug/L		87	58 - 130	3	20
Carbon tetrachloride	25.0	30.4		ug/L		122	70 - 146	2	20
Chlorobenzene	25.0	26.5		ug/L		106	70 - 130	1	20
Chloroethane	25.0	23.3		ug/L		93	62 - 138	3	20
Chloroform	25.0	24.4		ug/L		97	70 - 130	1	20
Chloromethane	25.0	22.0		ug/L		88	52 - 175	4	20
2-Chlorotoluene	25.0	25.5		ug/L		102	70 - 130	1	20
4-Chlorotoluene	25.0	24.7		ug/L		99	70 - 130	0	20
Chlorodibromomethane	25.0	26.7		ug/L		107	70 - 145	2	20
1,2-Dichlorobenzene	25.0	25.9		ug/L		104	70 - 130	1	20
1,3-Dichlorobenzene	25.0	26.9		ug/L		108	70 - 130	0	20
1,4-Dichlorobenzene	25.0	26.8		ug/L		107	70 - 130	0	20
1,3-Dichloropropane	25.0	23.2		ug/L		93	70 - 130	0	20
1,1-Dichloropropene	25.0	26.9		ug/L		107	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	25.5		ug/L		102	70 - 136	4	20
Ethylene Dibromide	25.0	25.4		ug/L		101	70 - 130	0	20
Dibromomethane	25.0	24.2		ug/L		97	70 - 130	1	20
Dichlorodifluoromethane	25.0	20.9		ug/L		83	34 - 132	4	20
1,1-Dichloroethane	25.0	24.1		ug/L		96	70 - 130	1	20
1,2-Dichloroethane	25.0	22.4		ug/L		89	61 - 132	1	20
1,1-Dichloroethene	25.0	25.6		ug/L		102	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	68 - 130	1	20
1,2-Dichloropropane	25.0	23.1		ug/L		92	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	24.4		ug/L		98	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	26.1		ug/L		105	70 - 140	1	20
Ethylbenzene	25.0	25.9		ug/L		104	80 - 120	0	20
Hexachlorobutadiene	25.0	30.1		ug/L		120	70 - 130	1	20
2-Hexanone	125	110		ug/L		88	60 - 164	0	20
Isopropylbenzene	25.0	29.1		ug/L		116	70 - 130	1	20
4-Isopropyltoluene	25.0	28.3		ug/L		113	70 - 130	1	20
Methylene Chloride	25.0	21.6		ug/L		87	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	111		ug/L		89	58 - 130	2	20
Naphthalene	25.0	27.3		ug/L		109	70 - 130	3	20
N-Propylbenzene	25.0	25.5		ug/L		102	70 - 130	0	20
Styrene	25.0	26.7		ug/L		107	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	28.7		ug/L		115	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		95	70 - 130	2	20
Tetrachloroethene	25.0	30.0		ug/L		120	70 - 130	0	20
Toluene	25.0	23.7		ug/L		95	78 - 120	0	20

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

Lab Sample ID: LCSD 720-157560/6
Matrix: Water
Analysis Batch: 157560

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
1,2,3-Trichlorobenzene	25.0	27.9		ug/L		112	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	28.2		ug/L		113	70 - 130	0	20
1,1,1-Trichloroethane	25.0	27.7		ug/L		111	70 - 130	0	20
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	70 - 130	0	20
Trichloroethene	25.0	27.1		ug/L		109	70 - 130	1	20
Trichlorofluoromethane	25.0	26.8		ug/L		107	66 - 132	3	20
1,2,3-Trichloropropane	25.0	24.3		ug/L		97	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.4		ug/L		106	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	26.3		ug/L		105	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	26.8		ug/L		107	70 - 130	1	20
Vinyl acetate	25.0	27.8		ug/L		111	43 - 163	0	20
Vinyl chloride	25.0	21.4		ug/L		85	54 - 135	7	20
m-Xylene & p-Xylene	50.0	53.8		ug/L		108	70 - 142	0	20
o-Xylene	25.0	27.1		ug/L		108	70 - 130	1	20
2,2-Dichloropropane	25.0	27.8		ug/L		111	70 - 140	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*82*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 720-157560/8
Matrix: Water
Analysis Batch: 157560

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	525		ug/L		105	62 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*86*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 720-157631/4
Matrix: Water
Analysis Batch: 157631

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50		ug/L			04/18/14 08:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 130*		*04/18/14 08:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 130*		*04/18/14 08:16*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/18/14 08:16*	*1*

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

Lab Sample ID: LCS 720-157631/5
Matrix: Water
Analysis Batch: 157631

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	30.8		ug/L		123	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 720-157631/6
Matrix: Water
Analysis Batch: 157631

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
Tetrachloroethene	25.0	28.3		ug/L		113	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

GC/MS VOA

Analysis Batch: 157538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56805-14	TB04161-2	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-18	MP-02-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-157538/10	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-157538/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-157538/11	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-157538/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-157538/7	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 157560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56805-15	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-16	MP-01-2	Total/NA	Water	8260B/CA_LUFT MS	
720-56805-17	MP-01-3	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-157560/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-157560/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-157560/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-157560/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-157560/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 157631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56805-18	MP-02-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-157631/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-157631/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-157631/4	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: 720-56805-2

Client Sample ID: TB04161-2

Lab Sample ID: 720-56805-14

Date Collected: 04/16/14 08:00

Matrix: Water

Date Received: 04/16/14 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	157538	04/17/14 12:48	PDR	TAL PLS

Client Sample ID: MP-01-1

Lab Sample ID: 720-56805-15

Date Collected: 04/16/14 08:35

Matrix: Water

Date Received: 04/16/14 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	157560	04/17/14 20:03	PDR	TAL PLS

Client Sample ID: MP-01-2

Lab Sample ID: 720-56805-16

Date Collected: 04/16/14 09:25

Matrix: Water

Date Received: 04/16/14 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	157560	04/17/14 20:32	PDR	TAL PLS

Client Sample ID: MP-01-3

Lab Sample ID: 720-56805-17

Date Collected: 04/16/14 10:25

Matrix: Water

Date Received: 04/16/14 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	157560	04/17/14 21:00	PDR	TAL PLS

Client Sample ID: MP-02-1

Lab Sample ID: 720-56805-18

Date Collected: 04/16/14 11:30

Matrix: Water

Date Received: 04/16/14 15:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	157538	04/17/14 18:51	PDR	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	157631	04/18/14 10:29	PDR	TAL PLS

Laboratory References:

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

Certification Summary

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: 720-56805-2

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: 720-56805-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-56805-14	TB04161-2	Water	04/16/14 08:00	04/16/14 15:35
720-56805-15	MP-01-1	Water	04/16/14 08:35	04/16/14 15:35
720-56805-16	MP-01-2	Water	04/16/14 09:25	04/16/14 15:35
720-56805-17	MP-01-3	Water	04/16/14 10:25	04/16/14 15:35
720-56805-18	MP-02-1	Water	04/16/14 11:30	04/16/14 15:35

CHAIN-OF-CUSTODY RECORD

720-56805 -2

15472

PROJECT NAME: Crown Chevrolet Cadillac Isuzu

DATE: 4/16/14

PAGE 1 OF 1

PROJECT NUMBER: OD1616007e.00003.B

RESULTS TO: avery.whitmarsh@amec.com
david.allbut@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 Allbut
510.847.8411

REPORTING REQUIREMENTS: 153136

GEOTRACKER REQUIRED [✓ YES] NO

SITE SPECIFIC GLOBAL ID NO. SL72064124

SAMPLERS (SIGNATURE): David Allbut

DATE	TIME	SAMPLE NUMBER	ANALYSES: 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
4/16/14	0800	TB041614-2	X	40 ml VOA	W		HCl	X		3	
	0835	MP-01-1	X							3	
	0925	MP-01-2	X							3	
	1025	MP-01-3	X							3	
	1130	MP-02-1	X							3	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: David Allbut PRINTED NAME: David Allbut COMPANY: AMEC	4/16/14	1535	SIGNATURE: Joan Mullen PRINTED NAME: Mullen COMPANY: TA	4/16/14	1535
SIGNATURE: PRINTED NAME: COMPANY:			SIGNATURE: PRINTED NAME: COMPANY:		
SIGNATURE: PRINTED NAME: COMPANY:			SIGNATURE: PRINTED NAME: COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS: PO # C01220333l

3.9°c

amec

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-56805-2

Login Number: 56805
List Number: 1
Creator: Gonzales, Justinn

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	

APPENDIX C

Investigation Derived Waste Manifests

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number NOT REQUIRED	2. Page 1 of 1	3. Emergency Response Phone 800-424-9300	**4. Waste Tracking Number** 0701551

GENERATOR

5. Generator's Name and Mailing Address
CROWN CHEVROLET INC.
7544 Dublin Blvd., Dublin CA 94568
Generator's Phone: (925)828-8500

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: American Integrated Services, Inc.
U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Crosby & Overton, Inc.
1630 W. 16th Street
Long Beach, CA. 90813
Facility's Phone: 562-432-5445
U.S. EPA ID Number: CAD028409019

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. NON-HAZARDOUS WASTE LIQUID (WATER)	01	~~BM~~ TT	50	G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

D99933

Wear protective equipment while handling, splash protection.
Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: 27578
Project #: 74006-14-2

1X55

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Terri Costello
Signature:
Month 5 Day 5 Year 14

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Date leaving U.S.:
Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: MARCO ARVIZO
Signature:
Month 5 Day 5 Year 14

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

H 735.

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Brenda Inqueros
Signature:
Month 6 Day 2 Year 14

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #1

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD981638968

2. Page 1 of: 1

3. Emergency Response Phone: 888-423-6060

4. Manifest Tracking Number: 008875280 **JJK**

GENERATOR

5. Generator's Name and Mailing Address
Crown Chevrolet Inc.
7544 Dublin Blvd., Dublin CA 94568
Generator's Phone: (925) 828-6500

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: American Integrated Services, Inc.
U.S. EPA ID Number: CAR000148338

7. Transporter 2 Company Name: [illegible]
U.S. EPA ID Number: [illegible]

8. Designated Facility Name and Site Address
Clean Harbors of San Jose, LLC
1021 Berryessa Road, San Jose, CA 95133
Facility's Phone: 408-441-0962
U.S. EPA ID Number: CAD059494310

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. UN1203,Waste Gasoline Mixture,3,PGII	01	DM	50	G	133	D001	D018
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Wear protective equipment while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060 - Gasoline Mixture

SO # 1466334079
Profile#: CH782479
Project #: 74006-14-2
1X55

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Terri Cosiello
Signature:
Month 5 Day 6 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Marco Arvizo
Signature:
Month 5 Day 5 Year 14
Transporter 2 Printed/Typed Name: [illegible]
Signature:
Month 5 Day 9 Year 14

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1.
2.
3.
4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number NOT REQUIRED	2. Page 1 of 1	3. Emergency Response Phone 800-424-9300	4. Waste Tracking Number 0701542

5. Generator's Name and Mailing Address
Crown Chevrolet Inc.
7544 Dublin Blvd., Dublin CA
Generator's Phone: (925) 828-6500

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
American Integrated Services, Inc.
U.S. EPA ID Number CAR000148338

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
Suisun, CA 94585
Facility's Phone:
U.S. EPA ID Number NOT REQUIRED

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Hazardous Waste Solid, (Soil)	01	DM	120	P
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
Wear level D PPE while handling. Weights or volumes are approximate.
24 hour emergency number (888) 423-6060
Profile#: PHLF11068
Project #: 74006-14-2
1 X55

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name Terri Costello
Signature Terri Costello
Month 5 Day 5 Year 14

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter Signature (for exports only):
Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name Marco Arruzo
Signature
Month 05 Day 5 Year 14
Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month 5 Day 28 Year 14

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

APPENDIX D

Data Quality Review

DATA QUALITY REVIEW
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard
Dublin, California
Fuel Leak Case No. RO0003014

October 31, 2014
Project OD10160070

This Data Quality Review appendix was prepared by the staff of AMEC 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 Environment & Infrastructure, Inc.

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DATA QUALITY REVIEW

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7544 Dublin Boulevard
Dublin, California

1.0 INTRODUCTION

AMEC Environment & Infrastructure, Inc. (AMEC), evaluated the analytical data from AMEC's first and second 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 AMEC's first and second quarter 2014 groundwater monitoring events are included on the laboratory analytical reports, copies of which are included in Appendix B.

2.0 FIRST QUARTER 2014 GROUNDWATER MONITORING

Quality assurance procedures for groundwater samples collected during AMEC's first 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) samples; 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-03 and labeled as MW-300. The groundwater MS/MSD samples were collected from monitoring wells MP-01-1 and MP-04-3.

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 tetrachloroethene (PCE) in groundwater samples MW-01, 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) and not the presence of gasoline range organics. As a result, AMEC 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 D-1.

The RPDs for the MS/MSD and LCS/LCSD pairs were within acceptance limits. The RPDs for chlorobenzene, 1,2-dichlorobenzene, tetrachloroethene (PCE), and trichloroethene (TCE) in the field duplicate sample pair (samples MW-03 and MW-300) were above acceptable limits. Detections of these compounds in samples MW-03 and MW-300 were qualified with “J” to indicate that the analyte was positively identified and the associated numerical values are approximate concentrations of the analyte in the samples.

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 second quarter 2014 groundwater monitoring event is 100 percent, with the exception of TPHg results, where the percent complete is 83.3 percent.

3.0 SECOND QUARTER 2014 GROUNDWATER MONITORING

Quality assurance procedures for groundwater samples collected during AMEC's second 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

Recovery of PCE in one laboratory control sample was above the laboratory control limit for the compound. The PCE detection in the only associated project sample, MP-02-1, was qualified with "J" to indicate that the analyte was positively identified and the associated numerical value is an approximate concentration of the analyte in the sample.

Recoveries of methyl tert-butyl ether, dichlorobromomethane, chlorobromomethane, carbon tetrachloride, chlorodibromomethane, 1,3-dichloropropane, ethylene dibromide, dibromomethane, cis-1,3-dichloropropene, trans-1,3-dichloropropene, PCE, 1,1,1-trichloroethane, 1,1,2-trichloroethane, TCE, vinyl acetate, and 2,2-dichloropropane exceeded laboratory control limits in the MS/MSD samples collected from monitoring well MW-02, screened in the first water-bearing zone. Because the recoveries were biased high, no action was required for compounds not detected in any of the project samples. Only PCE and TCE were detected; therefore, the PCE and TCE detections in all wells screened in the first water-bearing zone were qualified with "J" to indicate that the analyte was positively identified and the associated numerical values are approximate concentrations of the analyte in the samples.

The detected concentrations of PCE and TCE in the following monitoring wells were qualified: MW-01, MW-02, MW-03, MW-100, MP-01-1, MP-02-1, MP-03-1, and MP-04-1.

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 PCE or TCE in groundwater samples MW-01, MW-100, MP-01-1, MP-01-2, MP-02-1, MP-02-2 MP-03-1, and MP-04-1. The analytical laboratory indicated in the case narratives for these samples that the TPHg results were due to presence of discrete peaks (PCE, TCE, and/or cis-1,2-dichloroethene) and not the presence of gasoline range organics. As a result, AMEC 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 D-1.

The RPDs for the MS/MSD and LCS/LCSD analyses were within acceptance limits. The RPD for PCE in the field duplicate pair (samples MW-01 and MW-100) was above the acceptable limit. Therefore, the results for PCE in samples MW-01 and MW-100 were qualified with “J” to indicate that the analyte was positively identified, and the associated numerical value is the approximate concentration of the analyte in the sample.

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 55.5 percent.

4.0 SUMMARY OF GROUNDWATER DATA QUALITY REVIEW

Based on an evaluation of data quality for samples collected during the first and second 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 D-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-03	MW-300	2/5/2014	Chlorobenzene	0.50	1.5	0.86	NA	**0.64**
			1,2-Dichlorobenzene	0.50	5.0	2.7	**60%**	NA
			cis-1,2-Dichloroethene	0.50	0.56	<0.5	NA	0.06
			Tetrachloroethene	0.50	15	9.0	**50%**	NA
			Trichloroethene	0.50	1.0	0.67	NA	0.33
MW-01	MW-100	4/16/2014	Tetrachloroethene	0.5/1.0	120	190	**45%**	NA
			Trichchloroethene	0.5/1.0	1.2	1.7	NA	0.50

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:

$$RPD\ \% = \left| \frac{2(S_1 - S_2)}{S_1 + S_2} \right| \times 100$$

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 (organics) or five times (inorganics) 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