August 12, 2013

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

Subject: **Second Quarter 2013 Groundwater Monitoring Report**
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California
Fuel Leak Case No. RO0003014

Dear Ms. Roe:

Enclosed please find the *Second Quarter 2013 Groundwater Monitoring Report* for the Crown Chevrolet Cadillac Isuzu site at 7544 Dublin Boulevard and 6707 Golden Gate Drive, in 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 Patton 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: Second Quarter 2013 Groundwater Monitoring Report

cc: Tondria Hendrix, Zurich North American Insurance
Thomas L. Vormbrock, Rimkus Consulting Group, Inc.
Susan Gallardo, AMEC Environment & Infrastructure, Inc.

SECOND QUARTER 2013 GROUNDWATER MONITORING REPORT

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California

Prepared for:

Crown Chevrolet
Dublin, California

Prepared by:

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

August 2013

Project No. OD10160070

SECOND QUARTER 2013 GROUNDWATER MONITORING REPORT
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California

August 12, 2013
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 Patton, PG #8541
Senior Geologist

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SECOND QUARTER 2013 GROUNDWATER MONITORING REPORT

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California

AMEC Environment & Infrastructure, Inc. (AMEC), has prepared this *Second Quarter 2013 Groundwater Monitoring Report* (monitoring report) on behalf of the Betty J. Woolverton Trust and Crown Chevrolet Cadillac Isuzu (collectively, Crown) for the properties located at 7544 Dublin Boulevard and 6707 Golden Gate Drive in Dublin, California (the site; Figure 1). The groundwater monitoring was performed at the request of Alameda County Environmental Health (ACEH).

On May 29, 2013, 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 event.

1.0 BACKGROUND

A brief discussion of site background is presented below. A more complete discussion of background, including a site conceptual model, is presented in the *Revised Draft Feasibility Study and Corrective Action Plan* (FS/CAP; AMEC, 2013b).

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. For the purposes of this report, the site consists of an approximately 4.97-acre parcel; a separate parcel, 1.36-acre parcel is also present to the south and is currently part of the same ACEH case, although no groundwater impacts have been identified in that parcel.

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 (Figure 2). The PCE and TCE are attributed to an off-site source of PCE; the specific source has not been identified.
- 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 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 tentatively planned, and the FS/CAP includes additional detail regarding plans to mitigate the impacts discussed above (AMEC, 2013b).

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). The first quarterly groundwater monitoring event was conducted in January 2013, and was summarized in the *First Quarterly Groundwater Monitoring Report*, dated March 25, 2013 (AMEC, 2013a). On May 29, 2013, the second quarterly groundwater monitoring was conducted, and is reported herein. A single monitoring event will be conducted on a quarterly basis throughout 2013. The third monitoring event occurred in July 2013 and will be documented in an upcoming *Third Quarter 2013 Groundwater Monitoring Report*.

2.0 GROUNDWATER MONITORING ACTIVITIES

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

On May 29, 2013, groundwater samples were collected from 14 of 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 on 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 were equivalent. Depth-to-groundwater measurements were measured 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 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 30 to 250 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 (i.e., when three consecutive readings of the water quality parameters were within approximately 10 percent of each other, if possible). However, sampling was difficult due to low recharge for several ports at monitoring wells MP-01 through MP-04. These ports were purged dry and then sampled; field parameters did not stabilize. A sample was not collected at port MP-03-2 because the well de-watered during purging, and did not recharge enough to collect a sample by the morning of May 30, 2013.

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 stored in two 5-gallon buckets (closed with DOT-approved lids). The buckets are labeled and stored on-site pending off-site disposal.

One blind field duplicate groundwater sample was collected from monitoring well MW-2. The duplicate sample was 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 2.4.

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 DATA QUALITY REVIEW

AMEC evaluated the analytical data generated during this groundwater monitoring event 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 C, and is summarized below.

Quality assurance procedures for groundwater samples collected during the quarterly 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.

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.

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.

All detectable concentrations of TPHg from the groundwater monitoring samples were identified by the laboratory to be caused by discrete peaks (caused by PCE and TCE). AMEC qualified these gasoline range organics results 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 May 2013 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 May 29, 2013. 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 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 is approximately 0.0025 foot per foot. In the third water-bearing zone at the site, groundwater moves in an approximately northeasterly direction and the magnitude of the lateral hydraulic gradient is approximately 0.0056 foot per foot. 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) did

not appear to be representative of the potentiometric surface and not enough additional data were available to evaluate the direction of groundwater movement. Potentiometric surface maps for first and third water-bearing zones are presented on Figures 2 and 3, respectively.

Downward 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, downward vertical gradients ranged from 0.016 to 0.048 foot per foot. For the approximately 45- to 60-foot interval, downward vertical gradients ranged from 0.095 to 0.13 foot per foot. Vertical gradients were not calculated for monitoring well MP-03, as the depth to water measured in the second deepest port (MP-03-2) did not appear to be representative of the potentiometric surface.

3.2 GROUNDWATER ANALYTICAL RESULTS

As discussed above, 14 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 PCE and TCE concentrations in the first water-bearing zone are presented on Figure 4.

For discussion purposes, groundwater analytical results from the May 2013 monitoring event 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 a cleanup goal for the site; however, they provide a frame of reference for discussing analytical results.

A summary of the May 2013 monitoring results is presented in the following sections.

3.2.1 First Water-Bearing Zone

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) and/or trans-1,2-dichloroethene (trans-1,2-DCE) were detected in groundwater from four monitoring wells (cis-1,2-DCE at MP-03-1, MP-04-1, and MW-02; and both cis-1,2-DCE and trans-1,2-DCE at MP-02-1). 1,2-Dichlorobenzene was detected in groundwater from monitoring well MW-03, located near the former sump within Building B. 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. PCE was detected in groundwater samples collected from each 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 190 µg/L in MP-01-1). TCE was detected in groundwater samples from four 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 43 µg/L in MP-02-1).

3.2.2 Second Water-Bearing Zone

TCE was detected in the groundwater sample collected from MP-02-2 at a concentration less than the respective ESL. No other VOCs were detected.

3.2.3 Third Water-Bearing Zone

No VOCs were detected in the groundwater samples collected from the third water-bearing zone.

4.0 CONCLUSIONS

Measured depths to groundwater were an average of approximately 0.77 feet lower in May 2013 than in January 2013. The potentiometric surface elevations decreased by a comparable amount in each water-bearing zone.

The groundwater monitoring results for PCE and TCE in the first water-bearing zone are comparable to the results from the previous groundwater monitoring event, in January 2013 (Table 3). The maximum PCE concentration in May 2013 was greater than the previous maximum (190 µg/L in May, compared with 170 µg/L in January), while the maximum TCE concentration in May 2013 was less than the previous maximum (43 µg/L in May, compared with 61 µg/L in January). In general, based on a total of three groundwater monitoring events, PCE and TCE concentrations in groundwater appear to be relatively stable. However, not enough data are currently available to evaluate concentration trends for PCE and TCE in groundwater.

In May 2013, 1,2-dichlorobenzene was detected in monitoring well MW-03, downgradient of the former sump and in the first water-bearing zone, at a concentration less than the January 2013 concentration (0.86 µg/L in May, compared with 1.7 µg/L in January). Additionally, two other VOCs detected in MW-03 in January 2013 (chlorobenzene and cis-1,2-DCE) were not detected in May 2013. Monitoring well MW-3 was installed to evaluate groundwater concentration trends downgradient of the sump; however, not enough data are currently available to evaluate a concentration trend in groundwater.

TCE was detected in one groundwater sample from the second water-bearing zone (at monitoring port MP-02-2) in May 2013, but was not detected in the third water-bearing zone. TCE and cis-1,2-DCE were detected in groundwater samples from the second and third water bearing zones at this well in January 2013.

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, 2013a, First Quarterly Groundwater Monitoring Report, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, March 25.

AMEC, 2013b, Revised Draft Feasibility Study and Corrective Action Plan, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, March 25.

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

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 and 6707 Golden Gate Drive
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/NGVD 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/NGVD 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/NGVD 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/NGVD 88	60	17.3	17.6	59.3	0.375	0.010	#2/12 sand
	MP-01	MP-01-2						NAD 83/NGVD 88		43.2	43.5		0.375	0.010	#2/12 sand
	MP-01	MP-01-3						NAD 83/NGVD 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/NGVD 88	60	12.6	12.9	59.7	0.375	0.010	#2/12 sand
	MP-02	MP-02-2						NAD 83/NGVD 88		36.4	36.7		0.375	0.010	#2/12 sand
	MP-02	MP-02-3						NAD 83/NGVD 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/NGVD 88	60	14.3	14.6	59.8	0.375	0.010	#2/12 sand
	MP-03	MP-03-2						NAD 83/NGVD 88		42.9	43.2		0.375	0.010	#2/12 sand
	MP-03	MP-03-3						NAD 83/NGVD 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/NGVD 88	60.5	15.4	15.7	60.5	0.375	0.010	#2/12 sand
	MP-04	MP-04-2						NAD 83/NGVD 88		41.4	41.7		0.375	0.010	#2/12 sand
	MP-04	MP-04-3						NAD 83/NGVD 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
bgs = below ground surface
CMT = continuous multi-channel tubing
NAD = North American Datum
NGVD = National Geodetic Vertical Datum

TABLE 2

GROUNDWATER ELEVATIONS
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Notes
1. Elevation datum is NGVD88.

Abbreviations
BTOC = below top of casing
feet MSL = feet 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 and 6707 Golden Gate Drive
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	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	<50	**120**	<0.50	110 R	ND
	MP-01-1	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<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	<50	**190**	**1.6**	120 R	ND
MP-02	MP-02-1	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<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	**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	**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	**8.2**	**0.88**	<50	**1.0**	**43**	94 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	<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	**0.63**	<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	**0.55**	<0.50	<50	**170**	**13**	140 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	<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	<50	**20**	**8.4**	<50	ND
	MP-04-1	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	**0.67**	<0.50	<50	**26**	**13**	52 R	ND
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	<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	<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	<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	<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	<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	<50	**170**	**1.1**	100 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	**0.6**	<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	<50	**16**	**6.9**	<50	ND
	MW-02	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	**1.6**	**0.54**	<50	**19**	**15**	<50	ND
	MW-02	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	**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	**2.0**	<0.50	<50	**15**	**23**	<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	<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	<50	**3.2**	<0.50	<50	ND
	MW-03	Primary	1/29/2013	<50	<0.50	**4.8**	<1.0	<0.50	**1.7**	**0.65**	<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	<50	**7.5**	**0.85**	<50	ND
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	<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	**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	<50	<0.50	<0.50	<50	ND
MP-02	MP-02-2	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<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	**0.52**	<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	<50	<0.50	**0.77**	<50	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	**58**	<0.50	<0.50	<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	<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	**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	<50	<0.50	<0.50	<50	ND

TABLE 3

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
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	cis-1,2-Dichloro-ethene	trans-1,2-Dichloro-ethene	2-Hex-anone	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	<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	**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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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**	**100**	**10**	**6**	**10**	**--**	**5**	**5**	**100**	**--**

Notes:

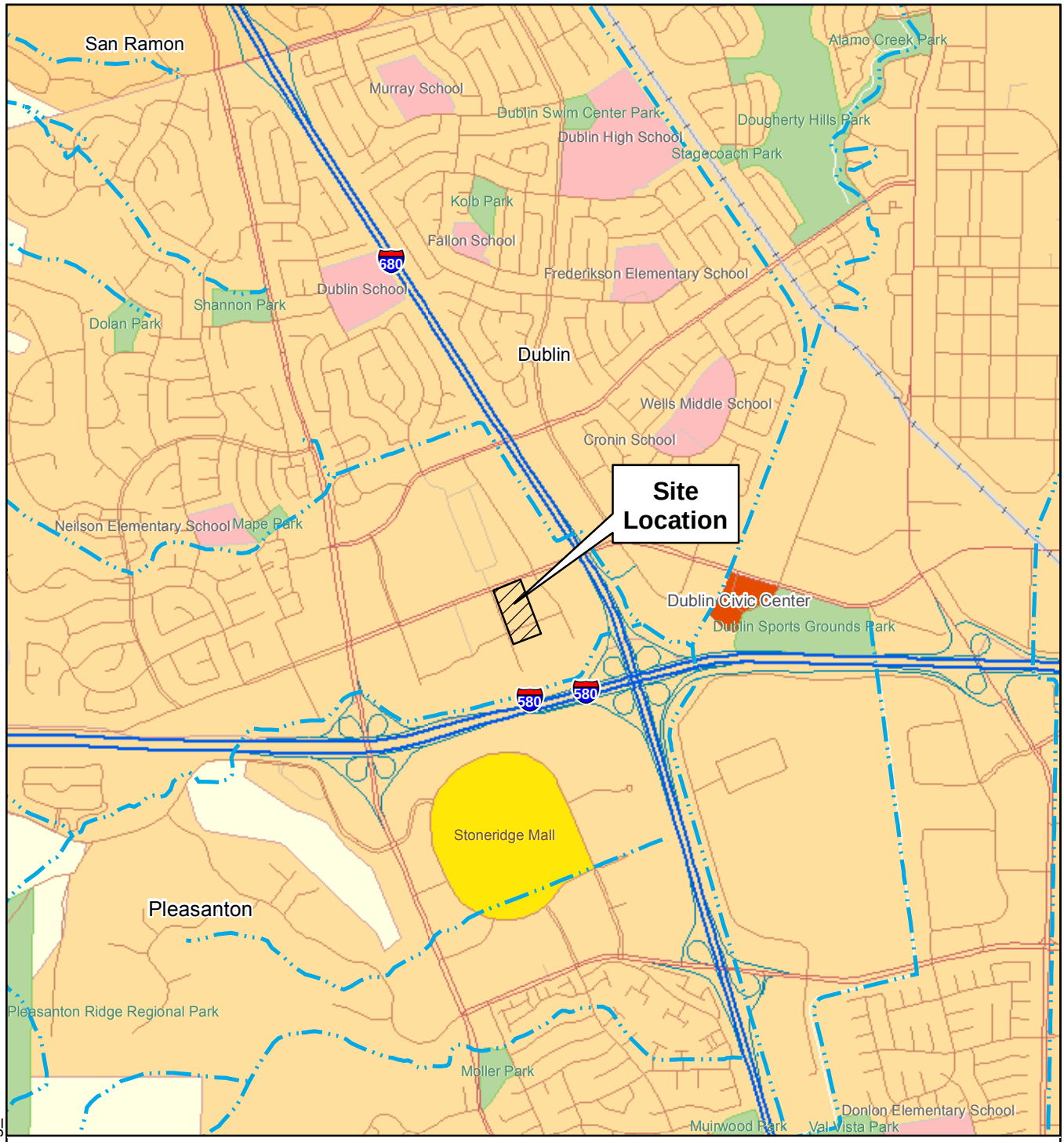
1. Results are shown for grab groundwater samples collected from borings MW-01 through MW-03 before the pre-pack monitoring wells were installed.
2. California Regional Water Quality Control Board, San Francisco Region, 2013, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater,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

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

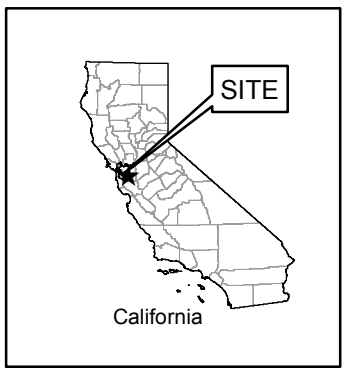
Abbreviations:

< = not detected at or above the laboratory reporting limit shown
-- = not applicable
J = the analyte was positively identified, and the associated numerical value is the approximate concentration of the analyte in the sample
PCE = tetrachloroethene
R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
TCE = trichloroethene
U.S. EPA = U.S. Environmental Protection Agency
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
µg/L = micrograms per liter

FIGURES



Street map from ESRI, 2007.



0 2,000 4,000 Feet

N

SITE LOCATION MAP
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California

By: HTY	Date: 07/24/2013	Project No. OD10160070
amec		Figure 1

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0 35

APPROXIMATE SCALE IN FEET

Dublin Boulevard

Golden Gate Drive

12" SS

8" SS

12" WL

SD

NG

EL

XJT

T?

WL

UU

SS

SS LAT

T

Offices and Showroom

Building A

Building B

Building C

Building D

Offices and Showroom

Former planter box (approximate)

Sump excavation boundary

Former sump

Drain from Former Sump to Sanitary Sewer

Former sump

Service Area 1

Service Area 2

Front-end alignment pit excavation boundary

330.6

330.5

330.4

330.3

330.2

330.1

330.0

329.9

329.8

MP-01
330.67

MW-01
330.35

MW-02
330.04

MP-02
330.04

MP-03
330.00

MP-04
329.71

MW-03
329.87

N

W

E

S

Rose diagram of shallow groundwater flow direction

Explanation

- AMEC shallow monitoring well location (installed August 2012)
- AMEC multi-port monitoring well (3-channel) location (installed August 2012)
- 330.04 Groundwater elevation in feet above mean sea level (msl), measured on May 29, 2013.
- 330.0 Line of equal groundwater elevation in feet msl. Contours are approximate; contour interval = 0.1 feet.
- Approximate excavation boundary (October 2011)
- Approximate property line
- Approximate sump location
- Storm drain inlet
- Manhole
- Utility vault
- EL Electric line
- NG Natural gas line
- SS Sanitary sewer line
- SS LAT Sanitary sewer lateral line
- SD Storm drain line
- T Telecommunications line
- T? Suspected telecommunications line
- UU Undifferentiated utility line
- XJT Joint trench
- WL Water line

POTENTIOMETRIC SURFACE
IN THE FIRST WATER BEARING ZONE
NORTH PARCEL - MAY 2013
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California

By: HTY	Date: 07/24/2013	Project No. OD10160070
amec		Figure 2

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APPROXIMATE SCALE IN FEET

Dublin Boulevard

Golden Gate Drive

12" SS

8" SS

12" WL

SD

NG

EL

XJT

T?

UU

SS

SS LAT

WL

T

MP-01
328.12

MP-02
326.91

MP-03
327.09

MP-04
326.57

328.00

327.75

327.50

327.25

327.00

326.75

Former planter box (approximate)

Offices and Showroom

Building A

Building B

Building C

Building D

Offices and Showroom

Sump excavation boundary

Former sump

Drain from Former Sump to Sanitary Sewer

Former sump

Service Area 1

Service Area 2

Front-end alignment pit excavation boundary

N

W

E

S

Rose diagram of deep groundwater flow direction

Explanation

- AMEC multi-port monitoring well (3-channel) location (installed August 2012)
- 326.90 Groundwater elevation in feet above mean sea level (msl), measured on May 29, 2013.
- 327.75 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
- Storm drain inlet
- Manhole
- Utility vault
- EL Electric line
- NG Natural gas line
- SS Sanitary sewer line
- SS LAT Sanitary sewer lateral line
- SD Storm drain line
- T Telecommunications line
- T? Suspected telecommunications line
- UU Undifferentiated utility line
- XJT Joint trench
- WL Water line

POTENTIOMETRIC SURFACE
IN THE THIRD WATER-BEARING ZONE
NORTH PARCEL - MAY 2013
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California

By: HTY	Date: 07/24/2013	Project No. OD10160070
amec		Figure 3

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Dublin Boulevard

Golden Gate Drive

MW-02		
Date	TCE	PCE
9/10/2012	**6.9**	**16**
1/29/2013	**15**	**19**
5/29/2013	**26/23**	**20/15**

MW-02

MP-02		
Date	TCE	PCE
9/10/2012	**15/19**	**1.2/1.6**
1/29/2013	**61**	**6.6**
5/29/2013	**43**	**1.0**

MP-02

MP-01		
Date	TCE	PCE
9/10/2012	<0.50	**120**
1/29/2013	**0.80**	**160**
5/29/2013	**1.6**	**190**

MP-01

MW-01		
Date	TCE	PCE
9/10/2012	**1.2/1.3**	**150/160**
1/29/2013	**1.1/1.1**	**160/160**
5/29/2013	**1.1**	**170**

MW-01

former planter box (approximate)

MP-03		
Date	TCE	PCE
9/10/2012	**6.4**	**120**
1/29/2013	**11**	**150**
5/29/2013	**13**	**170**

MP-03

MP-04		
Date	TCE	PCE
9/10/2012	**1.3**	**4.0**
1/29/2013	**8.4**	**20**
5/29/2013	**13**	**26**

MP-04

MW-03		
Date	TCE	PCE
9/10/2012	<0.50	**3.2**
1/29/2013	**1.1**	**11**
5/29/2013	**0.85**	**7.5**

MW-03

Building A
Building B
Building C
Building D
Offices and Showroom
Drive-through Car Wash
Auto Detailing
Service Area 1
Compressor Storage Area
1,000-Gallon Waste Oil UST
1,000-Gallon Gasoline UST
Sump excavation boundary
Former sump
Drain from Former Sump to Sanitary Sewer
Former sump
Front-end alignment pit excavation boundary
1,000-Gallon Gasoline UST

12" SS
12" WL
8" SS
XJT
EL
NG
SS LAT
UU
WL
SD
T
T?
24" SD

N

0 40

APPROXIMATE SCALE IN FEET

Explanation

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

MP-02		
Date	TCE	PCE
9/10/2012	**15/19**	**1.2/1.6**
1/29/2013	**61**	**6.6**
5/29/2013	**43**	**1.0**

- 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
- Storm drain inlet
- Manhole
- Utility vault
- EL — Electric line
- NG — Natural gas line
- SS — Sanitary sewer line
- SS LAT — Sanitary sewer lateral line
- SD — Storm drain line
- T — Telecommunications line
- T? — Suspected telecommunications line
- UU — Undifferentiated utility line
- XJT — Joint trench
- WL — Water line

ESLs (µg/L)	
PCE	5.0
TCE	5.0

Abbreviations:
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

PCE AND TCE IN THE FIRST WATER-BEARING ZONE
NORTH PARCEL - MAY 2013
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California

By: HTY	Date: 07/24/2013	Project No. OD10160070
amec		Figure 4

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APPENDIX A

Well Sampling Field Records

WATER LEVEL MONITORING RECORD

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

Date: 5/29/13 Measured by: H.Young/D. Allbut Instrument(s) Used: S/N 50058 (14" CMT 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 #1 (feet)	~~DTW Measurement #2 (feet)~~ GW Elevation (HY)	PID Reading	Remarks
MW-01	0735	344.24	13.89	~~13.89~~ 330.35 (HY)	~~N/A~~	
MW-02	0744	340.24	10.20	330.04 (HY)		
MW-03	0955	343.77	13.90	329.87		
MP-01-1	0738	343.20	12.53	330.67		
MP-01-2	0738	343.20	13.67	329.53		
MP-01-3	0739	343.20	15.08	328.12		
MP-02-1	0745	341.15	11.11	330.04		
MP-02-2	0746	341.15	11.50	329.65		
MP-02-3	0747	341.15	14.24	326.91		
MP-03-1	0752	342.21	12.21	330.00		
MP-03-2	0753	342.21	15.93	326.28		Confirmed water level is 15.93' (lower than the other MP pair 2 wells)
MP-03-3	0753	342.21	15.12	327.09		
MP-04-1	0749	341.22	11.51	329.71		
MP-04-2	0750	341.22	12.77	328.45		
MP-04-3	0751	341.22	14.65	326.57	↓	

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MONITORING WELL SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allgood	**Date:** 5-29-13

Well Number/ID:	Sample ID:	Duplicate ID:
MP-01-1	MP-01-1	—
Method of Purging: peristaltic pump + dedicated inertial lift tubing	**Method of Sampling:** same as purge	**Intake Depth:** 17.6

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	02D0577	5.28.13	5.29.13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 12.53 ft.	D. Water Column (B-A) = 5.07 ft.	Depth to Water After Sampling = 12.54 ft.
B. Well Total Depth = 17.6 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.03 gal.	Actual Volume Purged (from below) = 2800 gal/ml
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.09 gal.	(If applicable, see pumping system volume calculation below)

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

Pumping System Volume Calculation

N/A

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**	
1207	Initial	100	19.50	1204	1.96	8.58	-145.4	N/A	cloudy; slight gray tint
1210	800		19.91	1202	1.82	7.27	-65.2		
1215	1300		20.08	1210	1.89	7.00	-27.5		
1218	1600		20.01	1212	1.86	6.91	-15.7		
1221	1900		19.80	1214	1.82	6.75	-0.5		clearing
1224	2200		19.99	1212	1.90	6.65	6.7		
1227	2500		19.91	1210	1.81	6.54	12.9		
1230	2800		20.24	1211	1.74	6.58	11.9		

Remarks: 1230 Sampled. Collected 3-HCl VOA for 8260B + TPHg

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

Signature: D. Allgood **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:			
Crown Chevrolet			
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 5.29.13	

Well Number/ID:	Sample ID:	Duplicate ID:
MP-01-2	MP-01-2	N/A
Method of Purging: peristaltic pump + dedicated inertial lift tubing	**Method of Sampling:** see purge method	**Intake Depth:** 43.5'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	0200577	5.28.13	5.29.13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 13.67 ft.	D. Water Column (B-A) = 29.83 ft.	Depth to Water After Sampling = 16.27 ft.
B. Well Total Depth = 43.5 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.17 gal.	Actual Volume Purged (from below) = 500 gal/ml
C. Well Diameter = 0.375 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	**Pumping System Volume Calculation**
Tubing Inside Diameter	D = in.	N/A
Tubing Length	L = in.	Pumping System Volume (V_S)
Conversion from Inches^3 to ml	1 in^3 = 16.39 ml	$V_S = V_p + \pi * D^2 / 4 * L * 16.39$ 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**	
0820	Initial	100	19.36	1236	8.26	8.66	-56.9	N/A	gray; cloudy; silt
0820	500	well	dewatered.						
1342	-	Returned to	well. WL = 16.03						
1345	-	-	22.97	1193	1.08	6.66	-55.4	↓	gray; cloudy

Remarks: 1350 Sampled. Collected 3-HCl VOA for 8260B + TPHg

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

Signature: D Allbut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 5.29.13

Well Number/ID:	Sample ID:	Duplicate ID:
MP-01-3	MP-01-3	–
Method of Purging: Peristaltic pump + dedicated inertial lift tubing	**Method of Sampling:** same as purge	**Intake Depth:** 58.4

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	0200577	5.28.13	5.29.13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.08 ft.	D. Water Column (B-A) = 43.32 ft.	Depth to Water After Sampling = 19.27 ft.
B. Well Total Depth = 58.4 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.25 gal.	Actual Volume Purged (from below) = 2000 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.75 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D =	in.	N/A
Tubing Length	L =	in.	Pumping System Volume (V_S)
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	$V_S = V_p + \pi * D^2 / 4 * L * 16.39$ 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**	
1238	Initial	100	20.61	1137	0.64	9.04	-166.2	N/A	gray; cloudy; some silt
1243	800		21.57	1133	0.30	8.61	-159.0		
1246	1100		22.22	1123	0.29	8.80	-170.7		
1249	1400		22.82	1111	0.12	8.76	-174.2		
1252	1700		23.14	1103	0.08	8.69	-171.8		
1255	2000		23.33	1096	0.16	8.57	-166.0		
1255	2000	well	dewatered at	2000	ml				
1400	–	Returned to well. WL=	18.98						
1405	–	–	23.50	1112	0.20	8.60	-167.2		gray; cloudy

Remarks: 1405 Sampled. Collected 3-HCl voa for 8260B & TPHg

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

Signature: D Allbut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Albut	**Date:** 5.29.13

Well Number/ID:	Sample ID:	Duplicate ID:
MP-02-1	MP-02-1	N/A
Method of Purging: Peristaltic pump + dedicated inertial lift tubing	**Method of Sampling:** see purge method	**Intake Depth:** 12.9'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	02D0577	5.28.13	5.29.13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 11.11 ft.	D. Water Column (B-A) = 1.79 ft.	Depth to Water After Sampling = 12.10 ft.
B. Well Total Depth = 12.9 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.01 gal.	Actual Volume Purged (from below) = 270 gal/ml
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.03 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 =	in.	N/A Pumping System Volume (V_S)
Tubing Length	L =	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**	
0850	Initial	100	21.46	1337	1.94	7.45	-47.3	N/A	clear
0852	200	|	21.59	1343	1.89	7.50	-43.8	|	|
0854	270	|	21.74	1373	1.78	7.55	-38.0	|	|
0854	270	well dewatered						|	
1425	-	-	Returned to well. WL= 11.11					|	
1430	-	-	22.77	1542	1.80	7.09	2.9	|	clear

Remarks: 1430 Sampled. Collected 3-HCl VOA for 8260B + TPHg

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

Signature: David Albut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 5.29.13

Well Number/ID:	Sample ID:	Duplicate ID:
MP-02-2	MP-02-2	N/A
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
peristaltic pump + dedicated inertial lift tubing	see purge method	36.4

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	02D0577	5.28.13	5.29.13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 11.50 ft.	D. Water Column (B-A) = 24.9 ft.	Depth to Water After Sampling = 21.10 ft.
B. Well Total Depth = 36.4 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.14 gal.	Actual Volume Purged (from below) = 370 gal (ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.43 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p =	N/A	ml
Tubing Inside Diameter	D =		in.
Tubing Length	L =		in.
Conversion from Inches³ to ml	1 in^3 =	16.39	ml

Pumping System Volume Calculation

N/A

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	
0912	Initial	100	21.21	1160	1.34	8.56	-203.9	N/A	gray; cloudy
0916	200		20.78	1128	1.48	8.34	-195.7		
0928	300		19.84	1221	1.57	7.70	-119.1		
0933	370		19.90	1225	1.62	7.36	-115.2		
0933	370	well dewatered							
1445	Returned to well. WL = 20.84								
1450	-	-	23.61	1175	2.17	8.30	-174.3		cloudy, gray

Remarks: 1450 sampled. Collected 3-HCl VOA for 8260B + TPHg

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

Signature: David Allbut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 5.29.13

Well Number/ID:	Sample ID:	Duplicate ID:
MP-02-3	MP-02-3	—
Method of Purging: peristaltic pump + dedicated inertial lift tubing	**Method of Sampling:** see purge method	**Intake Depth:** 57.8

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	0200577	5.28.13	5.29.13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 14.24 ft.	D. Water Column (B-A) = 43.56 ft.	Depth to Water After Sampling = 16.21 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) = 600 gal (ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.75 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D =	in.	N/A Pumping System Volume (V_S)
Tubing Length	L =	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**	
0949	Initial	100	21.41	1046	2.21	8.04	-111.5	N/A	tan; silty; cloudy
0952	100		20.97	959	0.32	8.71	-138.0		
0955	200		21.16	948	0.55	8.61	-134.6		
0958	300		20.78	946	0.55	8.69	-137.8		gray; silty; sandy; cloudy
1001	400		20.63	951	0.40	9.97	-148.7		
1004	500		20.76	957	0.34	9.93	-147.5		gray; cloudy
1007	600		20.58	965	0.49	9.90	-145.2		

Remarks: 1010 Sampled. Collected 3-1tcl VOA for 8260B + TPHg

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

Signature: David Allbut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** H. Young	**Date:** 5/29/13

Well Number/ID:	Sample ID:	Duplicate ID:
MP-03-1	MP-03-1	N/A
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peristaltic Pump	Peristaltic Pump	14.6'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	0200577 AA	5/28/13	5/29/13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 12.21 ft.	D. Water Column (B-A) = 2.39 ft.	Depth to Water After Sampling = 12.20 ft.
B. Well Total Depth = 14.6 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.04 gal.	Actual Volume Purged (from below) = 2000 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.04 gal.	(If applicable, see pumping system volume calculation below)

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

Pumping System Volume Calculation

N/A

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**	
1247	Initial	100	21.02	1309	0.66	6.98	-55.8	N/A	water is very lt. brown/ slightly turbid
1250	800	200	20.78	1310	0.46	6.95	-57.6	↓	slight odor.
1253	1400	↓	20.41	1310	0.31	6.90	-58.3		← water is clear
1256	2000	↓	20.29	1310	0.26	6.86	-58.3	↓	

Remarks: Sampled @ 1300 for 8260B (VOCs + TPHg)

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

Signature: [signature]

Checked By:

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** H. Young	**Date:** 5/29/13

Well Number/ID:	**Sample ID:**	**Duplicate ID:**
MP-03-2	MP-03-2	N/A

Method of Purging: Peristaltic Pump w/ inertial lift check ball pump w/

Method of Sampling: Peristaltic inertial lift check ball

Intake Depth: 43.2'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	02D0577AA	5/28/13	5/29/13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.93 ft.	D. Water Column (B-A) = 27.27 ft.	Depth to Water After Sampling = _____ ft.
B. Well Total Depth = ~~42.90~~ 43.20 ft. (MW)	E. 1 Well Volume (C^2 x 0.0408 x D) 0.16 gal.	Actual Volume Purged (from below) = 550 gal/ml
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.47 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 =	in.	N/A
Tubing Length	L =	in.	Pumping System Volume (V_S)
Conversion from Inches³ to ml	1 in³ = 16.39	ml	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ 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**	
0915	Initial	165	19.92	2493	1.95	8.60	-169.4	N/A	light brown color
0918	200	35	19.59	2444	1.43	8.47	-186.7	↓	
0921	300	30	20.09	2463	3.10	8.52	-184.4		
0928	500	↓	19.55	2510	3.06	8.66	-175.4		
0930	550		Dewatered						

Remarks: Sampled @ ~~1345~~ 1315 for 8260B (VOC's + TPHg)
Attempted to sample @ 1315, well dewatered after filling 1 VOA ½ full (20ml). DTW was @ 42.80 @ 1610, only 0.10' of water in well, not enough to sample on 5/29/13. Check DTW @ 0720 on 5/30/13. DTW = 42.38' (.52' of water). Unable to sample.

[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:** H. Young	**Date:** 5/29/13

Well Number/ID:	Sample ID:	Duplicate ID:
MP-03-3	MP-03-3	N/A
Method of Purging: Peristaltic pump w/ inertial lift/ check ball	**Method of Sampling:** Peristaltic Pump	**Intake Depth:** 58'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	020077 AM	5/28/13	5/29/13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 15.12 ft.	D. Water Column (B-A) = 42.98 ft.	Depth to Water After Sampling = 21.42 ft.
B. Well Total Depth = 58.1 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.25 gal.	Actual Volume Purged (from below) = 2100 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.75 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation**
Tubing Inside Diameter	D =	in.	N/A Pumping System Volume (V_S)
Tubing Length	L =	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	
1216	Initial	150	22.62	1089	1.44	8.44	-261.3	N/A	water is grayish brown/ brownish gray
1219	900	100	22.61	1074	0.04	7.99	-267.5		
1222	1200	↓	22.58	1075	0.04	7.82	-268.5		
1225	1500		22.58	1067	0.05	7.77	-257.3		
1228	1800		22.52	1059	0.04	7.69	-241.0		
1231	2100		22.48	1054	0.07	7.59	-239.7	↓	

Remarks: Sampled @ 1235 for 8260B (VOCs + TPHg)

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

Signature: [signature]

Checked By:

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name: Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** H. Young	**Date:** 5/29/13

Well Number/ID: MP-04-1	Sample ID: MP-04-1	Duplicate ID: N/A
Method of Purging: Peristaltic Pump	**Method of Sampling:** Peristaltic Pump	**Intake Depth:** 15.7'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	0200577 AA	5/28/13	5/29/13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 11.51 ft.	D. Water Column (B-A) = 4.19 ft.	Depth to Water After Sampling = 15.12 ft.
B. Well Total Depth = 15.7 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.006 gal.	Actual Volume Purged (from below) = 420 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.020 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 =	in.	N/A
Tubing Length	L =	in.	Pumping System Volume (V_S)
Conversion from Inches^3 to ml	1 in^3 = 16.39	ml	$V_S = V_P + \pi * D^2 / 4 * L * 16.39$ 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**	
0845	Initial	40	19.91	1368	1.29	7.23	-206.3	N/A	Very lt. gray color, Slight odor
0850	200	↓	19.03	1317	1.90	7.08	-124.1	↓	
0855	400	↓	19.42	1329	4.31	7.42	-87.2	↓	
0856	420		Dewatered						

Remarks: Sampled @ 1355 for 8260B (VOCs+TPHg)

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

Signature: [signature]

Checked By:

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** H. Young	**Date:** 5/29/13

Well Number/ID:	Sample ID:	Duplicate ID:
MP-04-2	MP-04-2	N/A
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Inertial lift/checkball	Peristaltic Pump	41.7'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	02D0577 AA	5/28/13	5/29/13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 12.77 ft.	D. Water Column (B-A) = 28.93 ft.	Depth to Water After Sampling = 40.80 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) = 570 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.50 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 =	in.	N/A Pumping System Volume (V_S)
Tubing Length	L =	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**	
0815	Initial	30	19.60	1455	2.01	7.82	-204.3	N/A	light brown, H_2S odor
0822	200	65	20.15	1418	1.67	8.30	-232.1	↓	dark gray, strong H_2S odor
0825	400	↓	20.17	1408	0.88	8.41	-246.8	↓	
0829	570		Dewatered						

Remarks: Sampled @ 1340 for 8260B (VOCs+TPHg)

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

Signature: [signature]

Checked By:

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** H.Young	**Date:** 5/29/13

Well Number/ID:	Sample ID:	Duplicate ID:
MP-04-3	MP-04-3	N/A
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peristaltic Pump	Peristaltic Pump	58.6'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	02D0577AA	5/28/13	5/29/13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 14.65 ft.	D. Water Column (B-A) = 43.95 ft.	Depth to Water After Sampling = 30.16 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) = 2300 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 =		in.
Tubing Length	L =		in.
Conversion from Inches^3 to ml	1 in^3 =	16.39	ml

Pumping System Volume Calculation

N/A

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	
1058	Initial	250	21.04	1034	1.01	8.18	-246.5	N/A	
1101	800	↓	21.04	1034	0.65	8.00	-249.4	↓	
1104	1550	↓	20.90	1056	0.22	7.89	-253.8	↓	
1106	2300		Dewatered						

Remarks: Sampled @ 1405 for 8260B (VOCs + TPHtg)

MS/MSD collected.

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

Signature: [signature]

Checked By:

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 5.29.13

Well Number/ID:	Sample ID:	Duplicate ID:
MW-01	MW-01	N/A
Method of Purging: peristaltic pump + dedicated tubing	**Method of Sampling:** See purging method	**Intake Depth:** 18'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	02D0577	5.28.13	5.29.13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 13.89 ft.	D. Water Column (B-A) = 7.28 ft.	Depth to Water After Sampling = 13.89 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) = 2000 gal (ml)
C. Well Diameter = 3/4 in.	F. 3 Well Volumes (3 x E) = 0.50 gal.	(If applicable, see pumping system volume calculation below)

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

Pumping System Volume Calculation

N/A

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**	
1041	Initial	100	19.26	1165	5.10	6.68	92.8	N/A	clear
1044	800		19.11	1161	4.19	6.62	121.0		
1047	1100		18.96	1158	3.88	6.48	132.3		
1050	1400		19.02	1157	3.95	6.32	127.7		
1053	1700		18.91	1156	3.80	6.35	128.6		
1056	2000		18.91	1156	3.78	6.38	128.6		

Remarks: 1100 Sampled. Collected 3-HCl VOA for 8260B + TPHg

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

Signature: D Allbut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** D. Allbut	**Date:** 5/29/13

Well Number/ID:	Sample ID:	Duplicate ID:
MW-02	MW-02	MW-200
Method of Purging: peristaltic pump + dedicated tubing	**Method of Sampling:** Same as purge	**Intake Depth:** 7.75'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	02D0577	5/28/13	5/29/13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 10.20 ft.	D. Water Column (B-A) = _____ ft.	Depth to Water After Sampling = 10.21 ft.
B. Well Total Depth = 19.92 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = _____ gal.	Actual Volume Purged (from below) = 2200 gal/ml.
C. Well Diameter = 3/4 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

N/A

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	
1312	Initial	100	21.08	869	1.85	6.71	31.5	N/A	clear; slight gray tint.
1317	1000	↓	21.22	936	1.22	6.07	57.3	↓	
1320	1300		21.34	954	1.27	6.20	60.0		
1323	1600		21.37	960	0.90	6.29	58.4		
1326	1900		21.38	966	0.84	6.37	57.5		
1329	2200		21.40	967	0.75	6.37	60.3		

Remarks: 1330 Sampled. Collected 3- HCl VOA for 8260B+TPHg + Dup at 1340

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

Signature: David Allbut **Checked By:**

amec

MONITORING WELL
SAMPLE COLLECTION LOG

Project Name:		
Crown Chevrolet		
Project/Task #: OD10160070.00008A/B	**Sampled By:** H-Yang	**Date:** 5/29/13

Well Number/ID:	Sample ID:	Duplicate ID:
MW-03	MW-03	N/A
Method of Purging:	**Method of Sampling:**	**Intake Depth:**
Peristaltic Pump	Peristaltic Pump	19.0'

Field Equipment

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	0200577 AA	5/28/13	5/29/13
Turbidimeter	N/A	N/A	N/A	N/A

Casing Purge Volume Calculations

A. Depth to Water = 13.90 ft.	D. Water Column (B-A) = 5.45 ft.	Depth to Water After Sampling = 13.93 ft.
B. Well Total Depth = 19.35 ft.	E. 1 Well Volume (C^2 x 0.0408 x D) = 0.13 gal.	Actual Volume Purged (from below) = 1700 gal (ml.)
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = 0.38 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V_p = N/A	ml	**Pumping System Volume Calculation** 3.785
Tubing Inside Diameter	D =	in.	N/A Pumping System Volume (V_S)
Tubing Length	L =	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	
1010	Initial	100	18.58	1246	0.93	6.86	-116.1	N/A	DTW=14.35' water is clear
1013	800	↓	18.46	1249	0.74	6.81	-102.4	↓	no odor
1016	1100	↓	18.44	1250	0.66	6.82	-94.5	↓	DTW=14.33'
1019	1400	↓	18.40	1257	0.52	6.78	-88.1	↓	↓
1022	1700	↓	18.37	1260	0.49	6.76	-78.7	↓	↓

Remarks: Sampled @ 1025 for 8260B (VOC's + TPHg)

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

Signature: Hailey Yang **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: 720-49998-1
Client Project/Site: Crown Chevrolet

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

Attn: Avery Patton

Authorized for release by:
6/7/2013 4:59:35 PM

Afsaneh Salimpour, Project Manager I
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

Qualifiers

GC/MS VOA

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

Case Narrative

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

TestAmerica Job ID: 720-49998-1

Job ID: 720-49998-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-49998-1

Comments
No additional comments.

Receipt
The samples were received on 5/30/2013 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.2° C and 2.7° C.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch #137420 were outside control limits due to matrix. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 49998-4 is due to the presence of discrete peaks.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries and %RPD for batch #137422 were outside control limits. This is attributed to matrix interferences.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch #137421 were outside control limits due to matrix. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch #137421 recovered above the upper control limit for 2,2-Dichloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 720-137421/3).

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 49998-6 is due to the presence of discrete peaks.

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 49998-9 is due to the presence of discrete peaks.
Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 49998-12,13 is due to the presence of discrete peaks.
Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 49998-14 is due to the presence of discrete peaks.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 3 analytes to recover outside criteria for this method when a full list spike is utilized. The LCSD associated with batch #137513 had Naphthalene analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 137681 recovered outside control limits for the following analyte: 2,2-dichloropropane. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 137681 recovered above the upper control limit twice for 2,2-dichloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 720-137681/2).

No other analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 720-49998-1

5

Client Sample ID: TB052913-2 — Lab Sample ID: 720-49998-1

No Detections.

Client Sample ID: MW-03 — Lab Sample ID: 720-49998-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.86		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	7.5		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	0.85		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-03-3 — Lab Sample ID: 720-49998-3

No Detections.

Client Sample ID: MP-03-1 — Lab Sample ID: 720-49998-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.55		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	170		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	13		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-04-2 — Lab Sample ID: 720-49998-5

No Detections.

Client Sample ID: MP-04-1 — Lab Sample ID: 720-49998-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.67		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	26		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	13		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-04-3 — Lab Sample ID: 720-49998-7

No Detections.

Client Sample ID: MP-01-2 — Lab Sample ID: 720-49998-8

No Detections.

Client Sample ID: MP-02-1 — Lab Sample ID: 720-49998-9

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 720-49998-1

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

Lab Sample ID: 720-49998-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.2		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
trans-1,2-Dichloroethene	0.88		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	1.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	43		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	94	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-2

Lab Sample ID: 720-49998-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.77		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-02-3

Lab Sample ID: 720-49998-11

No Detections.

Client Sample ID: MW-01

Lab Sample ID: 720-49998-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	170		1.0		ug/L	2		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.1		1.0		ug/L	2		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	100	R	100		ug/L	2		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-01-1

Lab Sample ID: 720-49998-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	190		1.0		ug/L	2		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.6		1.0		ug/L	2		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	120	R	100		ug/L	2		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-02

Lab Sample ID: 720-49998-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	20		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	26		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	51	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-200

Lab Sample ID: 720-49998-15

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-200 (Continued)

Lab Sample ID: 720-49998-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	15		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	23		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-01-3

Lab Sample ID: 720-49998-16

No Detections.

Client Sample ID: TB052913-1

Lab Sample ID: 720-49998-17

No Detections.

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

TestAmerica Job ID: 720-49998-1

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

Client Sample ID: TB052913-2
Date Collected: 05/29/13 10:05
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			06/05/13 14:49	1
Acetone	ND		50		ug/L			06/05/13 14:49	1
Benzene	ND		0.50		ug/L			06/05/13 14:49	1
Dichlorobromomethane	ND		0.50		ug/L			06/05/13 14:49	1
Bromobenzene	ND		1.0		ug/L			06/05/13 14:49	1
Chlorobromomethane	ND		1.0		ug/L			06/05/13 14:49	1
Bromoform	ND		1.0		ug/L			06/05/13 14:49	1
Bromomethane	ND		1.0		ug/L			06/05/13 14:49	1
2-Butanone (MEK)	ND		50		ug/L			06/05/13 14:49	1
n-Butylbenzene	ND		1.0		ug/L			06/05/13 14:49	1
sec-Butylbenzene	ND		1.0		ug/L			06/05/13 14:49	1
tert-Butylbenzene	ND		1.0		ug/L			06/05/13 14:49	1
Carbon disulfide	ND		5.0		ug/L			06/05/13 14:49	1
Carbon tetrachloride	ND		0.50		ug/L			06/05/13 14:49	1
Chlorobenzene	ND		0.50		ug/L			06/05/13 14:49	1
Chloroethane	ND		1.0		ug/L			06/05/13 14:49	1
Chloroform	ND		1.0		ug/L			06/05/13 14:49	1
Chloromethane	ND		1.0		ug/L			06/05/13 14:49	1
2-Chlorotoluene	ND		0.50		ug/L			06/05/13 14:49	1
4-Chlorotoluene	ND		0.50		ug/L			06/05/13 14:49	1
Chlorodibromomethane	ND		0.50		ug/L			06/05/13 14:49	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/05/13 14:49	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/05/13 14:49	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/05/13 14:49	1
1,3-Dichloropropane	ND		1.0		ug/L			06/05/13 14:49	1
1,1-Dichloropropene	ND		0.50		ug/L			06/05/13 14:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			06/05/13 14:49	1
Ethylene Dibromide	ND		0.50		ug/L			06/05/13 14:49	1
Dibromomethane	ND		0.50		ug/L			06/05/13 14:49	1
Dichlorodifluoromethane	ND		0.50		ug/L			06/05/13 14:49	1
1,1-Dichloroethane	ND		0.50		ug/L			06/05/13 14:49	1
1,2-Dichloroethane	ND		0.50		ug/L			06/05/13 14:49	1
1,1-Dichloroethene	ND		0.50		ug/L			06/05/13 14:49	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			06/05/13 14:49	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/05/13 14:49	1
1,2-Dichloropropane	ND		0.50		ug/L			06/05/13 14:49	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/05/13 14:49	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/05/13 14:49	1
Ethylbenzene	ND		0.50		ug/L			06/05/13 14:49	1
Hexachlorobutadiene	ND		1.0		ug/L			06/05/13 14:49	1
2-Hexanone	ND		50		ug/L			06/05/13 14:49	1
Isopropylbenzene	ND		0.50		ug/L			06/05/13 14:49	1
4-Isopropyltoluene	ND		1.0		ug/L			06/05/13 14:49	1
Methylene Chloride	ND		5.0		ug/L			06/05/13 14:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			06/05/13 14:49	1
Naphthalene	ND		1.0		ug/L			06/05/13 14:49	1
N-Propylbenzene	ND		1.0		ug/L			06/05/13 14:49	1
Styrene	ND		0.50		ug/L			06/05/13 14:49	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			06/05/13 14:49	1

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

Client Sample ID: TB052913-2
Date Collected: 05/29/13 10:05
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/05/13 14:49	1
Tetrachloroethene	ND		0.50		ug/L			06/05/13 14:49	1
Toluene	ND		0.50		ug/L			06/05/13 14:49	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/05/13 14:49	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/05/13 14:49	1
1,1,1-Trichloroethane	ND		0.50		ug/L			06/05/13 14:49	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/05/13 14:49	1
Trichloroethene	ND		0.50		ug/L			06/05/13 14:49	1
Trichlorofluoromethane	ND		1.0		ug/L			06/05/13 14:49	1
1,2,3-Trichloropropane	ND		0.50		ug/L			06/05/13 14:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			06/05/13 14:49	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			06/05/13 14:49	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			06/05/13 14:49	1
Vinyl acetate	ND		10		ug/L			06/05/13 14:49	1
Vinyl chloride	ND		0.50		ug/L			06/05/13 14:49	1
Xylenes, Total	ND		1.0		ug/L			06/05/13 14:49	1
2,2-Dichloropropane	ND	*	0.50		ug/L			06/05/13 14:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			06/05/13 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*		*06/05/13 14:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 138*		*06/05/13 14:49*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*06/05/13 14:49*	*1*

Client Sample ID: MW-03
Date Collected: 05/29/13 10:35
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/31/13 15:50	1
Acetone	ND		50		ug/L			05/31/13 15:50	1
Benzene	ND		0.50		ug/L			05/31/13 15:50	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 15:50	1
Bromobenzene	ND		1.0		ug/L			05/31/13 15:50	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 15:50	1
Bromoform	ND		1.0		ug/L			05/31/13 15:50	1
Bromomethane	ND		1.0		ug/L			05/31/13 15:50	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 15:50	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 15:50	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 15:50	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 15:50	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 15:50	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 15:50	1
Chlorobenzene	ND		0.50		ug/L			05/31/13 15:50	1
Chloroethane	ND		1.0		ug/L			05/31/13 15:50	1
Chloroform	ND		1.0		ug/L			05/31/13 15:50	1
Chloromethane	ND		1.0		ug/L			05/31/13 15:50	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 15:50	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 15:50	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 15:50	1

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

Client Sample ID: MW-03
Date Collected: 05/29/13 10:35
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.86		0.50		ug/L			05/31/13 15:50	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 15:50	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 15:50	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 15:50	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 15:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 15:50	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 15:50	1
Dibromomethane	ND		0.50		ug/L			05/31/13 15:50	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 15:50	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 15:50	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 15:50	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 15:50	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 15:50	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 15:50	1
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 15:50	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 15:50	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 15:50	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 15:50	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 15:50	1
2-Hexanone	ND		50		ug/L			05/31/13 15:50	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 15:50	1
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 15:50	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 15:50	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 15:50	1
Naphthalene	ND		1.0		ug/L			05/31/13 15:50	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 15:50	1
Styrene	ND		0.50		ug/L			05/31/13 15:50	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 15:50	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 15:50	1
Tetrachloroethene	7.5		0.50		ug/L			05/31/13 15:50	1
Toluene	ND		0.50		ug/L			05/31/13 15:50	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 15:50	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 15:50	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 15:50	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 15:50	1
Trichloroethene	0.85		0.50		ug/L			05/31/13 15:50	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 15:50	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 15:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 15:50	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 15:50	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 15:50	1
Vinyl acetate	ND		10		ug/L			05/31/13 15:50	1
Vinyl chloride	ND		0.50		ug/L			05/31/13 15:50	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 15:50	1
2,2-Dichloropropane	ND		0.50		ug/L			05/31/13 15:50	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/31/13 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 130*		*05/31/13 15:50*	*1*

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

Client Sample ID: MW-03
Date Collected: 05/29/13 10:35
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 138*		*05/31/13 15:50*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*05/31/13 15:50*	*1*

Client Sample ID: MP-03-3
Date Collected: 05/29/13 12:35
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/31/13 16:16	1
Acetone	ND		50		ug/L			05/31/13 16:16	1
Benzene	ND		0.50		ug/L			05/31/13 16:16	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 16:16	1
Bromobenzene	ND		1.0		ug/L			05/31/13 16:16	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 16:16	1
Bromoform	ND		1.0		ug/L			05/31/13 16:16	1
Bromomethane	ND		1.0		ug/L			05/31/13 16:16	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 16:16	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 16:16	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 16:16	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 16:16	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 16:16	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 16:16	1
Chlorobenzene	ND		0.50		ug/L			05/31/13 16:16	1
Chloroethane	ND		1.0		ug/L			05/31/13 16:16	1
Chloroform	ND		1.0		ug/L			05/31/13 16:16	1
Chloromethane	ND		1.0		ug/L			05/31/13 16:16	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 16:16	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 16:16	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 16:16	1
1,2-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:16	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:16	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:16	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 16:16	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 16:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 16:16	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 16:16	1
Dibromomethane	ND		0.50		ug/L			05/31/13 16:16	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 16:16	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 16:16	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 16:16	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 16:16	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 16:16	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 16:16	1
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 16:16	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 16:16	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 16:16	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 16:16	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 16:16	1
2-Hexanone	ND		50		ug/L			05/31/13 16:16	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 16:16	1

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

Client Sample ID: MP-03-3
Date Collected: 05/29/13 12:35
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 16:16	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 16:16	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 16:16	1
Naphthalene	ND		1.0		ug/L			05/31/13 16:16	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 16:16	1
Styrene	ND		0.50		ug/L			05/31/13 16:16	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 16:16	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 16:16	1
Tetrachloroethene	ND		0.50		ug/L			05/31/13 16:16	1
Toluene	ND		0.50		ug/L			05/31/13 16:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 16:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 16:16	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 16:16	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 16:16	1
Trichloroethene	ND		0.50		ug/L			05/31/13 16:16	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 16:16	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 16:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 16:16	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 16:16	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 16:16	1
Vinyl acetate	ND		10		ug/L			05/31/13 16:16	1
Vinyl chloride	ND		0.50		ug/L			05/31/13 16:16	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 16:16	1
2,2-Dichloropropane	ND		0.50		ug/L			05/31/13 16:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/31/13 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 130*		*05/31/13 16:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 138*		*05/31/13 16:16*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*05/31/13 16:16*	*1*

Client Sample ID: MP-03-1
Date Collected: 05/29/13 13:00
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/31/13 16:42	1
Acetone	ND		50		ug/L			05/31/13 16:42	1
Benzene	ND		0.50		ug/L			05/31/13 16:42	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 16:42	1
Bromobenzene	ND		1.0		ug/L			05/31/13 16:42	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 16:42	1
Bromoform	ND		1.0		ug/L			05/31/13 16:42	1
Bromomethane	ND		1.0		ug/L			05/31/13 16:42	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 16:42	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 16:42	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 16:42	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 16:42	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 16:42	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 16:42	1

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

Client Sample ID: MP-03-1
Date Collected: 05/29/13 13:00
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			05/31/13 16:42	1
Chloroethane	ND		1.0		ug/L			05/31/13 16:42	1
Chloroform	ND		1.0		ug/L			05/31/13 16:42	1
Chloromethane	ND		1.0		ug/L			05/31/13 16:42	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 16:42	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 16:42	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 16:42	1
1,2-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:42	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:42	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:42	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 16:42	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 16:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 16:42	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 16:42	1
Dibromomethane	ND		0.50		ug/L			05/31/13 16:42	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 16:42	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 16:42	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 16:42	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 16:42	1
cis-1,2-Dichloroethene	0.55		0.50		ug/L			05/31/13 16:42	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 16:42	1
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 16:42	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 16:42	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 16:42	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 16:42	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 16:42	1
2-Hexanone	ND		50		ug/L			05/31/13 16:42	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 16:42	1
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 16:42	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 16:42	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 16:42	1
Naphthalene	ND		1.0		ug/L			05/31/13 16:42	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 16:42	1
Styrene	ND		0.50		ug/L			05/31/13 16:42	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 16:42	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 16:42	1
Tetrachloroethene	170		0.50		ug/L			05/31/13 16:42	1
Toluene	ND		0.50		ug/L			05/31/13 16:42	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 16:42	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 16:42	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 16:42	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 16:42	1
Trichloroethene	13		0.50		ug/L			05/31/13 16:42	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 16:42	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 16:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 16:42	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 16:42	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 16:42	1
Vinyl acetate	ND		10		ug/L			05/31/13 16:42	1

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

Client Sample ID: MP-03-1
Date Collected: 05/29/13 13:00
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			05/31/13 16:42	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 16:42	1
2,2-Dichloropropane	ND		0.50		ug/L			05/31/13 16:42	1
Gasoline Range Organics (GRO) -C5-C12	140	R	50		ug/L			05/31/13 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*67 - 130*		*05/31/13 16:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 138*		*05/31/13 16:42*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/31/13 16:42*	*1*

Client Sample ID: MP-04-2
Date Collected: 05/29/13 13:40
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/31/13 15:52	1
Acetone	ND		50		ug/L			05/31/13 15:52	1
Benzene	ND		0.50		ug/L			05/31/13 15:52	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 15:52	1
Bromobenzene	ND		1.0		ug/L			05/31/13 15:52	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 15:52	1
Bromoform	ND		1.0		ug/L			05/31/13 15:52	1
Bromomethane	ND		1.0		ug/L			05/31/13 15:52	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 15:52	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 15:52	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 15:52	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 15:52	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 15:52	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 15:52	1
Chlorobenzene	ND		0.50		ug/L			05/31/13 15:52	1
Chloroethane	ND		1.0		ug/L			05/31/13 15:52	1
Chloroform	ND		1.0		ug/L			05/31/13 15:52	1
Chloromethane	ND		1.0		ug/L			05/31/13 15:52	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 15:52	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 15:52	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 15:52	1
1,2-Dichlorobenzene	ND		0.50		ug/L			05/31/13 15:52	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 15:52	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 15:52	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 15:52	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 15:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 15:52	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 15:52	1
Dibromomethane	ND		0.50		ug/L			05/31/13 15:52	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 15:52	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 15:52	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 15:52	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 15:52	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 15:52	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 15:52	1

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

Client Sample ID: MP-04-2
Date Collected: 05/29/13 13:40
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 15:52	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 15:52	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 15:52	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 15:52	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 15:52	1
2-Hexanone	ND		50		ug/L			05/31/13 15:52	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 15:52	1
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 15:52	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 15:52	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 15:52	1
Naphthalene	ND		1.0		ug/L			05/31/13 15:52	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 15:52	1
Styrene	ND		0.50		ug/L			05/31/13 15:52	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 15:52	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 15:52	1
Tetrachloroethene	ND		0.50		ug/L			05/31/13 15:52	1
Toluene	ND		0.50		ug/L			05/31/13 15:52	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 15:52	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 15:52	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 15:52	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 15:52	1
Trichloroethene	ND		0.50		ug/L			05/31/13 15:52	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 15:52	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 15:52	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 15:52	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 15:52	1
Vinyl acetate	ND		10		ug/L			05/31/13 15:52	1
Vinyl chloride	ND		0.50		ug/L			05/31/13 15:52	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 15:52	1
2,2-Dichloropropane	ND		0.50		ug/L			05/31/13 15:52	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/31/13 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*67 - 130*		*05/31/13 15:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*75 - 138*		*05/31/13 15:52*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*05/31/13 15:52*	*1*

Client Sample ID: MP-04-1
Date Collected: 05/29/13 13:55
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/31/13 16:20	1
Acetone	ND		50		ug/L			05/31/13 16:20	1
Benzene	ND		0.50		ug/L			05/31/13 16:20	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 16:20	1
Bromobenzene	ND		1.0		ug/L			05/31/13 16:20	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 16:20	1
Bromoform	ND		1.0		ug/L			05/31/13 16:20	1

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

Client Sample ID: MP-04-1
Date Collected: 05/29/13 13:55
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			05/31/13 16:20	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 16:20	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 16:20	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 16:20	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 16:20	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 16:20	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 16:20	1
Chlorobenzene	ND		0.50		ug/L			05/31/13 16:20	1
Chloroethane	ND		1.0		ug/L			05/31/13 16:20	1
Chloroform	ND		1.0		ug/L			05/31/13 16:20	1
Chloromethane	ND		1.0		ug/L			05/31/13 16:20	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 16:20	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 16:20	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 16:20	1
1,2-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:20	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:20	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:20	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 16:20	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 16:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 16:20	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 16:20	1
Dibromomethane	ND		0.50		ug/L			05/31/13 16:20	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 16:20	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 16:20	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 16:20	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 16:20	1
cis-1,2-Dichloroethene	0.67		0.50		ug/L			05/31/13 16:20	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 16:20	1
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 16:20	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 16:20	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 16:20	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 16:20	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 16:20	1
2-Hexanone	ND		50		ug/L			05/31/13 16:20	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 16:20	1
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 16:20	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 16:20	1
Naphthalene	ND		1.0		ug/L			05/31/13 16:20	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 16:20	1
Styrene	ND		0.50		ug/L			05/31/13 16:20	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 16:20	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 16:20	1
Tetrachloroethene	26		0.50		ug/L			05/31/13 16:20	1
Toluene	ND		0.50		ug/L			05/31/13 16:20	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 16:20	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 16:20	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 16:20	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 16:20	1

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

Client Sample ID: MP-04-1
Date Collected: 05/29/13 13:55
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	13		0.50		ug/L			05/31/13 16:20	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 16:20	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 16:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 16:20	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 16:20	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 16:20	1
Vinyl acetate	ND		10		ug/L			05/31/13 16:20	1
Vinyl chloride	ND		0.50		ug/L			05/31/13 16:20	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 16:20	1
2,2-Dichloropropane	ND		0.50		ug/L			05/31/13 16:20	1
Gasoline Range Organics (GRO) -C5-C12	52	R	50		ug/L			05/31/13 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*		*05/31/13 16:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*75 - 138*		*05/31/13 16:20*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*05/31/13 16:20*	*1*

Client Sample ID: MP-04-3
Date Collected: 05/29/13 14:05
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			06/03/13 11:31	1
Acetone	ND		50		ug/L			06/03/13 11:31	1
Benzene	ND		0.50		ug/L			06/03/13 11:31	1
Dichlorobromomethane	ND		0.50		ug/L			06/03/13 11:31	1
Bromobenzene	ND		1.0		ug/L			06/03/13 11:31	1
Chlorobromomethane	ND		1.0		ug/L			06/03/13 11:31	1
Bromoform	ND		1.0		ug/L			06/03/13 11:31	1
Bromomethane	ND		1.0		ug/L			06/03/13 11:31	1
2-Butanone (MEK)	ND		50		ug/L			06/03/13 11:31	1
n-Butylbenzene	ND		1.0		ug/L			06/03/13 11:31	1
sec-Butylbenzene	ND		1.0		ug/L			06/03/13 11:31	1
tert-Butylbenzene	ND		1.0		ug/L			06/03/13 11:31	1
Carbon disulfide	ND		5.0		ug/L			06/03/13 11:31	1
Carbon tetrachloride	ND		0.50		ug/L			06/03/13 11:31	1
Chlorobenzene	ND		0.50		ug/L			06/03/13 11:31	1
Chloroethane	ND		1.0		ug/L			06/03/13 11:31	1
Chloroform	ND		1.0		ug/L			06/03/13 11:31	1
Chloromethane	ND		1.0		ug/L			06/03/13 11:31	1
2-Chlorotoluene	ND		0.50		ug/L			06/03/13 11:31	1
4-Chlorotoluene	ND		0.50		ug/L			06/03/13 11:31	1
Chlorodibromomethane	ND		0.50		ug/L			06/03/13 11:31	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/03/13 11:31	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/03/13 11:31	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/03/13 11:31	1
1,3-Dichloropropane	ND		1.0		ug/L			06/03/13 11:31	1
1,1-Dichloropropene	ND		0.50		ug/L			06/03/13 11:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			06/03/13 11:31	1
Ethylene Dibromide	ND		0.50		ug/L			06/03/13 11:31	1

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

Client Sample ID: MP-04-3
Date Collected: 05/29/13 14:05
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			06/03/13 11:31	1
Dichlorodifluoromethane	ND		0.50		ug/L			06/03/13 11:31	1
1,1-Dichloroethane	ND		0.50		ug/L			06/03/13 11:31	1
1,2-Dichloroethane	ND		0.50		ug/L			06/03/13 11:31	1
1,1-Dichloroethene	ND		0.50		ug/L			06/03/13 11:31	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 11:31	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 11:31	1
1,2-Dichloropropane	ND		0.50		ug/L			06/03/13 11:31	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 11:31	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 11:31	1
Ethylbenzene	ND		0.50		ug/L			06/03/13 11:31	1
Hexachlorobutadiene	ND		1.0		ug/L			06/03/13 11:31	1
2-Hexanone	ND		50		ug/L			06/03/13 11:31	1
Isopropylbenzene	ND		0.50		ug/L			06/03/13 11:31	1
4-Isopropyltoluene	ND		1.0		ug/L			06/03/13 11:31	1
Methylene Chloride	ND		5.0		ug/L			06/03/13 11:31	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			06/03/13 11:31	1
Naphthalene	ND	*	1.0		ug/L			06/03/13 11:31	1
N-Propylbenzene	ND		1.0		ug/L			06/03/13 11:31	1
Styrene	ND		0.50		ug/L			06/03/13 11:31	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 11:31	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 11:31	1
Tetrachloroethene	ND		0.50		ug/L			06/03/13 11:31	1
Toluene	ND		0.50		ug/L			06/03/13 11:31	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/03/13 11:31	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/03/13 11:31	1
1,1,1-Trichloroethane	ND		0.50		ug/L			06/03/13 11:31	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/03/13 11:31	1
Trichloroethene	ND		0.50		ug/L			06/03/13 11:31	1
Trichlorofluoromethane	ND		1.0		ug/L			06/03/13 11:31	1
1,2,3-Trichloropropane	ND		0.50		ug/L			06/03/13 11:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			06/03/13 11:31	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			06/03/13 11:31	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			06/03/13 11:31	1
Vinyl acetate	ND		10		ug/L			06/03/13 11:31	1
Vinyl chloride	ND		0.50		ug/L			06/03/13 11:31	1
Xylenes, Total	ND		1.0		ug/L			06/03/13 11:31	1
2,2-Dichloropropane	ND		0.50		ug/L			06/03/13 11:31	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			06/03/13 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 130*		*06/03/13 11:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 138*		*06/03/13 11:31*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*06/03/13 11:31*	*1*

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

TestAmerica Job ID: 720-49998-1

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

Client Sample ID: MP-01-2
Date Collected: 05/29/13 13:50
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/31/13 16:48	1
Acetone	ND		50		ug/L			05/31/13 16:48	1
Benzene	ND		0.50		ug/L			05/31/13 16:48	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 16:48	1
Bromobenzene	ND		1.0		ug/L			05/31/13 16:48	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 16:48	1
Bromoform	ND		1.0		ug/L			05/31/13 16:48	1
Bromomethane	ND		1.0		ug/L			05/31/13 16:48	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 16:48	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 16:48	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 16:48	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 16:48	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 16:48	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 16:48	1
Chlorobenzene	ND		0.50		ug/L			05/31/13 16:48	1
Chloroethane	ND		1.0		ug/L			05/31/13 16:48	1
Chloroform	ND		1.0		ug/L			05/31/13 16:48	1
Chloromethane	ND		1.0		ug/L			05/31/13 16:48	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 16:48	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 16:48	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 16:48	1
1,2-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:48	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:48	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 16:48	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 16:48	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 16:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 16:48	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 16:48	1
Dibromomethane	ND		0.50		ug/L			05/31/13 16:48	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 16:48	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 16:48	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 16:48	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 16:48	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 16:48	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 16:48	1
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 16:48	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 16:48	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 16:48	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 16:48	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 16:48	1
2-Hexanone	ND		50		ug/L			05/31/13 16:48	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 16:48	1
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 16:48	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 16:48	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 16:48	1
Naphthalene	ND		1.0		ug/L			05/31/13 16:48	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 16:48	1
Styrene	ND		0.50		ug/L			05/31/13 16:48	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 16:48	1

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

Client Sample ID: MP-01-2
Date Collected: 05/29/13 13:50
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 16:48	1
Tetrachloroethene	ND		0.50		ug/L			05/31/13 16:48	1
Toluene	ND		0.50		ug/L			05/31/13 16:48	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 16:48	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 16:48	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 16:48	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 16:48	1
Trichloroethene	ND		0.50		ug/L			05/31/13 16:48	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 16:48	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 16:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 16:48	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 16:48	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 16:48	1
Vinyl acetate	ND		10		ug/L			05/31/13 16:48	1
Vinyl chloride	ND		0.50		ug/L			05/31/13 16:48	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 16:48	1
2,2-Dichloropropane	ND		0.50		ug/L			05/31/13 16:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/31/13 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*67 - 130*		*05/31/13 16:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 138*		*05/31/13 16:48*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/31/13 16:48*	*1*

Client Sample ID: MP-02-1
Date Collected: 05/29/13 14:30
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/31/13 17:16	1
Acetone	ND		50		ug/L			05/31/13 17:16	1
Benzene	ND		0.50		ug/L			05/31/13 17:16	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 17:16	1
Bromobenzene	ND		1.0		ug/L			05/31/13 17:16	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 17:16	1
Bromoform	ND		1.0		ug/L			05/31/13 17:16	1
Bromomethane	ND		1.0		ug/L			05/31/13 17:16	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 17:16	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 17:16	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 17:16	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 17:16	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 17:16	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 17:16	1
Chlorobenzene	ND		0.50		ug/L			05/31/13 17:16	1
Chloroethane	ND		1.0		ug/L			05/31/13 17:16	1
Chloroform	ND		1.0		ug/L			05/31/13 17:16	1
Chloromethane	ND		1.0		ug/L			05/31/13 17:16	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 17:16	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 17:16	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 17:16	1

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

Client Sample ID: MP-02-1
Date Collected: 05/29/13 14:30
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			05/31/13 17:16	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 17:16	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 17:16	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 17:16	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 17:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 17:16	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 17:16	1
Dibromomethane	ND		0.50		ug/L			05/31/13 17:16	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 17:16	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 17:16	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 17:16	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 17:16	1
cis-1,2-Dichloroethene	8.2		0.50		ug/L			05/31/13 17:16	1
trans-1,2-Dichloroethene	0.88		0.50		ug/L			05/31/13 17:16	1
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 17:16	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 17:16	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 17:16	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 17:16	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 17:16	1
2-Hexanone	ND		50		ug/L			05/31/13 17:16	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 17:16	1
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 17:16	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 17:16	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 17:16	1
Naphthalene	ND		1.0		ug/L			05/31/13 17:16	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 17:16	1
Styrene	ND		0.50		ug/L			05/31/13 17:16	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 17:16	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 17:16	1
Tetrachloroethene	1.0		0.50		ug/L			05/31/13 17:16	1
Toluene	ND		0.50		ug/L			05/31/13 17:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 17:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 17:16	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 17:16	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 17:16	1
Trichloroethene	43		0.50		ug/L			05/31/13 17:16	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 17:16	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 17:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 17:16	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 17:16	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 17:16	1
Vinyl acetate	ND		10		ug/L			05/31/13 17:16	1
Vinyl chloride	ND		0.50		ug/L			05/31/13 17:16	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 17:16	1
2,2-Dichloropropane	ND		0.50		ug/L			05/31/13 17:16	1
Gasoline Range Organics (GRO) -C5-C12	94	R	50		ug/L			05/31/13 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*		*05/31/13 17:16*	*1*

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

Client Sample ID: MP-02-1
Date Collected: 05/29/13 14:30
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-9
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 138*		*05/31/13 17:16*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*05/31/13 17:16*	*1*

Client Sample ID: MP-02-2
Date Collected: 05/29/13 14:50
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			06/03/13 15:26	1
Acetone	ND		50		ug/L			06/03/13 15:26	1
Benzene	ND		0.50		ug/L			06/03/13 15:26	1
Dichlorobromomethane	ND		0.50		ug/L			06/03/13 15:26	1
Bromobenzene	ND		1.0		ug/L			06/03/13 15:26	1
Chlorobromomethane	ND		1.0		ug/L			06/03/13 15:26	1
Bromoform	ND		1.0		ug/L			06/03/13 15:26	1
Bromomethane	ND		1.0		ug/L			06/03/13 15:26	1
2-Butanone (MEK)	ND		50		ug/L			06/03/13 15:26	1
n-Butylbenzene	ND		1.0		ug/L			06/03/13 15:26	1
sec-Butylbenzene	ND		1.0		ug/L			06/03/13 15:26	1
tert-Butylbenzene	ND		1.0		ug/L			06/03/13 15:26	1
Carbon disulfide	ND		5.0		ug/L			06/03/13 15:26	1
Carbon tetrachloride	ND		0.50		ug/L			06/03/13 15:26	1
Chlorobenzene	ND		0.50		ug/L			06/03/13 15:26	1
Chloroethane	ND		1.0		ug/L			06/03/13 15:26	1
Chloroform	ND		1.0		ug/L			06/03/13 15:26	1
Chloromethane	ND		1.0		ug/L			06/03/13 15:26	1
2-Chlorotoluene	ND		0.50		ug/L			06/03/13 15:26	1
4-Chlorotoluene	ND		0.50		ug/L			06/03/13 15:26	1
Chlorodibromomethane	ND		0.50		ug/L			06/03/13 15:26	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/03/13 15:26	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/03/13 15:26	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/03/13 15:26	1
1,3-Dichloropropane	ND		1.0		ug/L			06/03/13 15:26	1
1,1-Dichloropropene	ND		0.50		ug/L			06/03/13 15:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			06/03/13 15:26	1
Ethylene Dibromide	ND		0.50		ug/L			06/03/13 15:26	1
Dibromomethane	ND		0.50		ug/L			06/03/13 15:26	1
Dichlorodifluoromethane	ND		0.50		ug/L			06/03/13 15:26	1
1,1-Dichloroethane	ND		0.50		ug/L			06/03/13 15:26	1
1,2-Dichloroethane	ND		0.50		ug/L			06/03/13 15:26	1
1,1-Dichloroethene	ND		0.50		ug/L			06/03/13 15:26	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 15:26	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 15:26	1
1,2-Dichloropropane	ND		0.50		ug/L			06/03/13 15:26	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 15:26	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 15:26	1
Ethylbenzene	ND		0.50		ug/L			06/03/13 15:26	1
Hexachlorobutadiene	ND		1.0		ug/L			06/03/13 15:26	1
2-Hexanone	ND		50		ug/L			06/03/13 15:26	1
Isopropylbenzene	ND		0.50		ug/L			06/03/13 15:26	1

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

Client Sample ID: MP-02-2
Date Collected: 05/29/13 14:50
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			06/03/13 15:26	1
Methylene Chloride	ND		5.0		ug/L			06/03/13 15:26	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			06/03/13 15:26	1
Naphthalene	ND	*	1.0		ug/L			06/03/13 15:26	1
N-Propylbenzene	ND		1.0		ug/L			06/03/13 15:26	1
Styrene	ND		0.50		ug/L			06/03/13 15:26	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 15:26	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 15:26	1
Tetrachloroethene	ND		0.50		ug/L			06/03/13 15:26	1
Toluene	ND		0.50		ug/L			06/03/13 15:26	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/03/13 15:26	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/03/13 15:26	1
1,1,1-Trichloroethane	ND		0.50		ug/L			06/03/13 15:26	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/03/13 15:26	1
Trichloroethene	0.77		0.50		ug/L			06/03/13 15:26	1
Trichlorofluoromethane	ND		1.0		ug/L			06/03/13 15:26	1
1,2,3-Trichloropropane	ND		0.50		ug/L			06/03/13 15:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			06/03/13 15:26	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			06/03/13 15:26	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			06/03/13 15:26	1
Vinyl acetate	ND		10		ug/L			06/03/13 15:26	1
Vinyl chloride	ND		0.50		ug/L			06/03/13 15:26	1
Xylenes, Total	ND		1.0		ug/L			06/03/13 15:26	1
2,2-Dichloropropane	ND		0.50		ug/L			06/03/13 15:26	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			06/03/13 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*67 - 130*		*06/03/13 15:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 138*		*06/03/13 15:26*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/03/13 15:26*	*1*

Client Sample ID: MP-02-3
Date Collected: 05/29/13 10:10
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			06/03/13 15:52	1
Acetone	ND		50		ug/L			06/03/13 15:52	1
Benzene	ND		0.50		ug/L			06/03/13 15:52	1
Dichlorobromomethane	ND		0.50		ug/L			06/03/13 15:52	1
Bromobenzene	ND		1.0		ug/L			06/03/13 15:52	1
Chlorobromomethane	ND		1.0		ug/L			06/03/13 15:52	1
Bromoform	ND		1.0		ug/L			06/03/13 15:52	1
Bromomethane	ND		1.0		ug/L			06/03/13 15:52	1
2-Butanone (MEK)	ND		50		ug/L			06/03/13 15:52	1
n-Butylbenzene	ND		1.0		ug/L			06/03/13 15:52	1
sec-Butylbenzene	ND		1.0		ug/L			06/03/13 15:52	1
tert-Butylbenzene	ND		1.0		ug/L			06/03/13 15:52	1
Carbon disulfide	ND		5.0		ug/L			06/03/13 15:52	1
Carbon tetrachloride	ND		0.50		ug/L			06/03/13 15:52	1

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

Client Sample ID: MP-02-3
Date Collected: 05/29/13 10:10
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			06/03/13 15:52	1
Chloroethane	ND		1.0		ug/L			06/03/13 15:52	1
Chloroform	ND		1.0		ug/L			06/03/13 15:52	1
Chloromethane	ND		1.0		ug/L			06/03/13 15:52	1
2-Chlorotoluene	ND		0.50		ug/L			06/03/13 15:52	1
4-Chlorotoluene	ND		0.50		ug/L			06/03/13 15:52	1
Chlorodibromomethane	ND		0.50		ug/L			06/03/13 15:52	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/03/13 15:52	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/03/13 15:52	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/03/13 15:52	1
1,3-Dichloropropane	ND		1.0		ug/L			06/03/13 15:52	1
1,1-Dichloropropene	ND		0.50		ug/L			06/03/13 15:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			06/03/13 15:52	1
Ethylene Dibromide	ND		0.50		ug/L			06/03/13 15:52	1
Dibromomethane	ND		0.50		ug/L			06/03/13 15:52	1
Dichlorodifluoromethane	ND		0.50		ug/L			06/03/13 15:52	1
1,1-Dichloroethane	ND		0.50		ug/L			06/03/13 15:52	1
1,2-Dichloroethane	ND		0.50		ug/L			06/03/13 15:52	1
1,1-Dichloroethene	ND		0.50		ug/L			06/03/13 15:52	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 15:52	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 15:52	1
1,2-Dichloropropane	ND		0.50		ug/L			06/03/13 15:52	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 15:52	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 15:52	1
Ethylbenzene	ND		0.50		ug/L			06/03/13 15:52	1
Hexachlorobutadiene	ND		1.0		ug/L			06/03/13 15:52	1
2-Hexanone	ND		50		ug/L			06/03/13 15:52	1
Isopropylbenzene	ND		0.50		ug/L			06/03/13 15:52	1
4-Isopropyltoluene	ND		1.0		ug/L			06/03/13 15:52	1
Methylene Chloride	ND		5.0		ug/L			06/03/13 15:52	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			06/03/13 15:52	1
Naphthalene	ND	*	1.0		ug/L			06/03/13 15:52	1
N-Propylbenzene	ND		1.0		ug/L			06/03/13 15:52	1
Styrene	ND		0.50		ug/L			06/03/13 15:52	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 15:52	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 15:52	1
Tetrachloroethene	ND		0.50		ug/L			06/03/13 15:52	1
Toluene	ND		0.50		ug/L			06/03/13 15:52	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/03/13 15:52	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/03/13 15:52	1
1,1,1-Trichloroethane	ND		0.50		ug/L			06/03/13 15:52	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/03/13 15:52	1
Trichloroethene	ND		0.50		ug/L			06/03/13 15:52	1
Trichlorofluoromethane	ND		1.0		ug/L			06/03/13 15:52	1
1,2,3-Trichloropropane	ND		0.50		ug/L			06/03/13 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			06/03/13 15:52	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			06/03/13 15:52	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			06/03/13 15:52	1
Vinyl acetate	ND		10		ug/L			06/03/13 15:52	1

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

Client Sample ID: MP-02-3
Date Collected: 05/29/13 10:10
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			06/03/13 15:52	1
Xylenes, Total	ND		1.0		ug/L			06/03/13 15:52	1
2,2-Dichloropropane	ND		0.50		ug/L			06/03/13 15:52	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			06/03/13 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*67 - 130*		*06/03/13 15:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 138*		*06/03/13 15:52*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*06/03/13 15:52*	*1*

Client Sample ID: MW-01
Date Collected: 05/29/13 11:00
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0		ug/L			06/03/13 13:41	2
Acetone	ND		100		ug/L			06/03/13 13:41	2
Benzene	ND		1.0		ug/L			06/03/13 13:41	2
Dichlorobromomethane	ND		1.0		ug/L			06/03/13 13:41	2
Bromobenzene	ND		2.0		ug/L			06/03/13 13:41	2
Chlorobromomethane	ND		2.0		ug/L			06/03/13 13:41	2
Bromoform	ND		2.0		ug/L			06/03/13 13:41	2
Bromomethane	ND		2.0		ug/L			06/03/13 13:41	2
2-Butanone (MEK)	ND		100		ug/L			06/03/13 13:41	2
n-Butylbenzene	ND		2.0		ug/L			06/03/13 13:41	2
sec-Butylbenzene	ND		2.0		ug/L			06/03/13 13:41	2
tert-Butylbenzene	ND		2.0		ug/L			06/03/13 13:41	2
Carbon disulfide	ND		10		ug/L			06/03/13 13:41	2
Carbon tetrachloride	ND		1.0		ug/L			06/03/13 13:41	2
Chlorobenzene	ND		1.0		ug/L			06/03/13 13:41	2
Chloroethane	ND		2.0		ug/L			06/03/13 13:41	2
Chloroform	ND		2.0		ug/L			06/03/13 13:41	2
Chloromethane	ND		2.0		ug/L			06/03/13 13:41	2
2-Chlorotoluene	ND		1.0		ug/L			06/03/13 13:41	2
4-Chlorotoluene	ND		1.0		ug/L			06/03/13 13:41	2
Chlorodibromomethane	ND		1.0		ug/L			06/03/13 13:41	2
1,2-Dichlorobenzene	ND		1.0		ug/L			06/03/13 13:41	2
1,3-Dichlorobenzene	ND		1.0		ug/L			06/03/13 13:41	2
1,4-Dichlorobenzene	ND		1.0		ug/L			06/03/13 13:41	2
1,3-Dichloropropane	ND		2.0		ug/L			06/03/13 13:41	2
1,1-Dichloropropene	ND		1.0		ug/L			06/03/13 13:41	2
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/03/13 13:41	2
Ethylene Dibromide	ND		1.0		ug/L			06/03/13 13:41	2
Dibromomethane	ND		1.0		ug/L			06/03/13 13:41	2
Dichlorodifluoromethane	ND		1.0		ug/L			06/03/13 13:41	2
1,1-Dichloroethane	ND		1.0		ug/L			06/03/13 13:41	2
1,2-Dichloroethane	ND		1.0		ug/L			06/03/13 13:41	2
1,1-Dichloroethene	ND		1.0		ug/L			06/03/13 13:41	2
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/03/13 13:41	2
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/03/13 13:41	2

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

Client Sample ID: MW-01
Date Collected: 05/29/13 11:00
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0		ug/L			06/03/13 13:41	2
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/03/13 13:41	2
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/03/13 13:41	2
Ethylbenzene	ND		1.0		ug/L			06/03/13 13:41	2
Hexachlorobutadiene	ND		2.0		ug/L			06/03/13 13:41	2
2-Hexanone	ND		100		ug/L			06/03/13 13:41	2
Isopropylbenzene	ND		1.0		ug/L			06/03/13 13:41	2
4-Isopropyltoluene	ND		2.0		ug/L			06/03/13 13:41	2
Methylene Chloride	ND		10		ug/L			06/03/13 13:41	2
4-Methyl-2-pentanone (MIBK)	ND		100		ug/L			06/03/13 13:41	2
Naphthalene	ND	*	2.0		ug/L			06/03/13 13:41	2
N-Propylbenzene	ND		2.0		ug/L			06/03/13 13:41	2
Styrene	ND		1.0		ug/L			06/03/13 13:41	2
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/03/13 13:41	2
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			06/03/13 13:41	2
Tetrachloroethene	170		1.0		ug/L			06/03/13 13:41	2
Toluene	ND		1.0		ug/L			06/03/13 13:41	2
1,2,3-Trichlorobenzene	ND		2.0		ug/L			06/03/13 13:41	2
1,2,4-Trichlorobenzene	ND		2.0		ug/L			06/03/13 13:41	2
1,1,1-Trichloroethane	ND		1.0		ug/L			06/03/13 13:41	2
1,1,2-Trichloroethane	ND		1.0		ug/L			06/03/13 13:41	2
Trichloroethene	1.1		1.0		ug/L			06/03/13 13:41	2
Trichlorofluoromethane	ND		2.0		ug/L			06/03/13 13:41	2
1,2,3-Trichloropropane	ND		1.0		ug/L			06/03/13 13:41	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			06/03/13 13:41	2
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/03/13 13:41	2
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/03/13 13:41	2
Vinyl acetate	ND		20		ug/L			06/03/13 13:41	2
Vinyl chloride	ND		1.0		ug/L			06/03/13 13:41	2
Xylenes, Total	ND		2.0		ug/L			06/03/13 13:41	2
2,2-Dichloropropane	ND		1.0		ug/L			06/03/13 13:41	2
Gasoline Range Organics (GRO) -C5-C12	100	R	100		ug/L			06/03/13 13:41	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*67 - 130*		*06/03/13 13:41*	*2*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 138*		*06/03/13 13:41*	*2*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/03/13 13:41*	*2*

Client Sample ID: MP-01-1
Date Collected: 05/29/13 12:30
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0		ug/L			06/03/13 14:07	2
Acetone	ND		100		ug/L			06/03/13 14:07	2
Benzene	ND		1.0		ug/L			06/03/13 14:07	2
Dichlorobromomethane	ND		1.0		ug/L			06/03/13 14:07	2
Bromobenzene	ND		2.0		ug/L			06/03/13 14:07	2
Chlorobromomethane	ND		2.0		ug/L			06/03/13 14:07	2
Bromoform	ND		2.0		ug/L			06/03/13 14:07	2

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

Client Sample ID: MP-01-1
Date Collected: 05/29/13 12:30
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		2.0		ug/L			06/03/13 14:07	2
2-Butanone (MEK)	ND		100		ug/L			06/03/13 14:07	2
n-Butylbenzene	ND		2.0		ug/L			06/03/13 14:07	2
sec-Butylbenzene	ND		2.0		ug/L			06/03/13 14:07	2
tert-Butylbenzene	ND		2.0		ug/L			06/03/13 14:07	2
Carbon disulfide	ND		10		ug/L			06/03/13 14:07	2
Carbon tetrachloride	ND		1.0		ug/L			06/03/13 14:07	2
Chlorobenzene	ND		1.0		ug/L			06/03/13 14:07	2
Chloroethane	ND		2.0		ug/L			06/03/13 14:07	2
Chloroform	ND		2.0		ug/L			06/03/13 14:07	2
Chloromethane	ND		2.0		ug/L			06/03/13 14:07	2
2-Chlorotoluene	ND		1.0		ug/L			06/03/13 14:07	2
4-Chlorotoluene	ND		1.0		ug/L			06/03/13 14:07	2
Chlorodibromomethane	ND		1.0		ug/L			06/03/13 14:07	2
1,2-Dichlorobenzene	ND		1.0		ug/L			06/03/13 14:07	2
1,3-Dichlorobenzene	ND		1.0		ug/L			06/03/13 14:07	2
1,4-Dichlorobenzene	ND		1.0		ug/L			06/03/13 14:07	2
1,3-Dichloropropane	ND		2.0		ug/L			06/03/13 14:07	2
1,1-Dichloropropene	ND		1.0		ug/L			06/03/13 14:07	2
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			06/03/13 14:07	2
Ethylene Dibromide	ND		1.0		ug/L			06/03/13 14:07	2
Dibromomethane	ND		1.0		ug/L			06/03/13 14:07	2
Dichlorodifluoromethane	ND		1.0		ug/L			06/03/13 14:07	2
1,1-Dichloroethane	ND		1.0		ug/L			06/03/13 14:07	2
1,2-Dichloroethane	ND		1.0		ug/L			06/03/13 14:07	2
1,1-Dichloroethene	ND		1.0		ug/L			06/03/13 14:07	2
cis-1,2-Dichloroethene	ND		1.0		ug/L			06/03/13 14:07	2
trans-1,2-Dichloroethene	ND		1.0		ug/L			06/03/13 14:07	2
1,2-Dichloropropane	ND		1.0		ug/L			06/03/13 14:07	2
cis-1,3-Dichloropropene	ND		1.0		ug/L			06/03/13 14:07	2
trans-1,3-Dichloropropene	ND		1.0		ug/L			06/03/13 14:07	2
Ethylbenzene	ND		1.0		ug/L			06/03/13 14:07	2
Hexachlorobutadiene	ND		2.0		ug/L			06/03/13 14:07	2
2-Hexanone	ND		100		ug/L			06/03/13 14:07	2
Isopropylbenzene	ND		1.0		ug/L			06/03/13 14:07	2
4-Isopropyltoluene	ND		2.0		ug/L			06/03/13 14:07	2
Methylene Chloride	ND		10		ug/L			06/03/13 14:07	2
4-Methyl-2-pentanone (MIBK)	ND		100		ug/L			06/03/13 14:07	2
Naphthalene	ND	*	2.0		ug/L			06/03/13 14:07	2
N-Propylbenzene	ND		2.0		ug/L			06/03/13 14:07	2
Styrene	ND		1.0		ug/L			06/03/13 14:07	2
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			06/03/13 14:07	2
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			06/03/13 14:07	2
Tetrachloroethene	190		1.0		ug/L			06/03/13 14:07	2
Toluene	ND		1.0		ug/L			06/03/13 14:07	2
1,2,3-Trichlorobenzene	ND		2.0		ug/L			06/03/13 14:07	2
1,2,4-Trichlorobenzene	ND		2.0		ug/L			06/03/13 14:07	2
1,1,1-Trichloroethane	ND		1.0		ug/L			06/03/13 14:07	2
1,1,2-Trichloroethane	ND		1.0		ug/L			06/03/13 14:07	2

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

Client Sample ID: MP-01-1
Date Collected: 05/29/13 12:30
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.6		1.0		ug/L			06/03/13 14:07	2
Trichlorofluoromethane	ND		2.0		ug/L			06/03/13 14:07	2
1,2,3-Trichloropropane	ND		1.0		ug/L			06/03/13 14:07	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			06/03/13 14:07	2
1,2,4-Trimethylbenzene	ND		1.0		ug/L			06/03/13 14:07	2
1,3,5-Trimethylbenzene	ND		1.0		ug/L			06/03/13 14:07	2
Vinyl acetate	ND		20		ug/L			06/03/13 14:07	2
Vinyl chloride	ND		1.0		ug/L			06/03/13 14:07	2
Xylenes, Total	ND		2.0		ug/L			06/03/13 14:07	2
2,2-Dichloropropane	ND		1.0		ug/L			06/03/13 14:07	2
Gasoline Range Organics (GRO) -C5-C12	120	R	100		ug/L			06/03/13 14:07	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*67 - 130*		*06/03/13 14:07*	*2*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 138*		*06/03/13 14:07*	*2*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/03/13 14:07*	*2*

Client Sample ID: MW-02
Date Collected: 05/29/13 13:30
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			06/03/13 14:34	1
Acetone	ND		50		ug/L			06/03/13 14:34	1
Benzene	ND		0.50		ug/L			06/03/13 14:34	1
Dichlorobromomethane	ND		0.50		ug/L			06/03/13 14:34	1
Bromobenzene	ND		1.0		ug/L			06/03/13 14:34	1
Chlorobromomethane	ND		1.0		ug/L			06/03/13 14:34	1
Bromoform	ND		1.0		ug/L			06/03/13 14:34	1
Bromomethane	ND		1.0		ug/L			06/03/13 14:34	1
2-Butanone (MEK)	ND		50		ug/L			06/03/13 14:34	1
n-Butylbenzene	ND		1.0		ug/L			06/03/13 14:34	1
sec-Butylbenzene	ND		1.0		ug/L			06/03/13 14:34	1
tert-Butylbenzene	ND		1.0		ug/L			06/03/13 14:34	1
Carbon disulfide	ND		5.0		ug/L			06/03/13 14:34	1
Carbon tetrachloride	ND		0.50		ug/L			06/03/13 14:34	1
Chlorobenzene	ND		0.50		ug/L			06/03/13 14:34	1
Chloroethane	ND		1.0		ug/L			06/03/13 14:34	1
Chloroform	ND		1.0		ug/L			06/03/13 14:34	1
Chloromethane	ND		1.0		ug/L			06/03/13 14:34	1
2-Chlorotoluene	ND		0.50		ug/L			06/03/13 14:34	1
4-Chlorotoluene	ND		0.50		ug/L			06/03/13 14:34	1
Chlorodibromomethane	ND		0.50		ug/L			06/03/13 14:34	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/03/13 14:34	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/03/13 14:34	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/03/13 14:34	1
1,3-Dichloropropane	ND		1.0		ug/L			06/03/13 14:34	1
1,1-Dichloropropene	ND		0.50		ug/L			06/03/13 14:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			06/03/13 14:34	1
Ethylene Dibromide	ND		0.50		ug/L			06/03/13 14:34	1

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

Client Sample ID: MW-02
Date Collected: 05/29/13 13:30
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-14
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			06/03/13 14:34	1
Dichlorodifluoromethane	ND		0.50		ug/L			06/03/13 14:34	1
1,1-Dichloroethane	ND		0.50		ug/L			06/03/13 14:34	1
1,2-Dichloroethane	ND		0.50		ug/L			06/03/13 14:34	1
1,1-Dichloroethene	ND		0.50		ug/L			06/03/13 14:34	1
cis-1,2-Dichloroethene	2.0		0.50		ug/L			06/03/13 14:34	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 14:34	1
1,2-Dichloropropane	ND		0.50		ug/L			06/03/13 14:34	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 14:34	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 14:34	1
Ethylbenzene	ND		0.50		ug/L			06/03/13 14:34	1
Hexachlorobutadiene	ND		1.0		ug/L			06/03/13 14:34	1
2-Hexanone	ND		50		ug/L			06/03/13 14:34	1
Isopropylbenzene	ND		0.50		ug/L			06/03/13 14:34	1
4-Isopropyltoluene	ND		1.0		ug/L			06/03/13 14:34	1
Methylene Chloride	ND		5.0		ug/L			06/03/13 14:34	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			06/03/13 14:34	1
Naphthalene	ND	*	1.0		ug/L			06/03/13 14:34	1
N-Propylbenzene	ND		1.0		ug/L			06/03/13 14:34	1
Styrene	ND		0.50		ug/L			06/03/13 14:34	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 14:34	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 14:34	1
Tetrachloroethene	20		0.50		ug/L			06/03/13 14:34	1
Toluene	ND		0.50		ug/L			06/03/13 14:34	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/03/13 14:34	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/03/13 14:34	1
1,1,1-Trichloroethane	ND		0.50		ug/L			06/03/13 14:34	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/03/13 14:34	1
Trichloroethene	26		0.50		ug/L			06/03/13 14:34	1
Trichlorofluoromethane	ND		1.0		ug/L			06/03/13 14:34	1
1,2,3-Trichloropropane	ND		0.50		ug/L			06/03/13 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			06/03/13 14:34	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			06/03/13 14:34	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			06/03/13 14:34	1
Vinyl acetate	ND		10		ug/L			06/03/13 14:34	1
Vinyl chloride	ND		0.50		ug/L			06/03/13 14:34	1
Xylenes, Total	ND		1.0		ug/L			06/03/13 14:34	1
2,2-Dichloropropane	ND		0.50		ug/L			06/03/13 14:34	1
Gasoline Range Organics (GRO) -C5-C12	51		50		ug/L			06/03/13 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*89*		*67 - 130*		*06/03/13 14:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 138*		*06/03/13 14:34*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/03/13 14:34*	*1*

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

Client Sample ID: MW-200
Date Collected: 05/29/13 13:40
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/31/13 17:14	1
Acetone	ND		50		ug/L			05/31/13 17:14	1
Benzene	ND		0.50		ug/L			05/31/13 17:14	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 17:14	1
Bromobenzene	ND		1.0		ug/L			05/31/13 17:14	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 17:14	1
Bromoform	ND		1.0		ug/L			05/31/13 17:14	1
Bromomethane	ND		1.0		ug/L			05/31/13 17:14	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 17:14	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 17:14	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 17:14	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 17:14	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 17:14	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 17:14	1
Chlorobenzene	ND		0.50		ug/L			05/31/13 17:14	1
Chloroethane	ND		1.0		ug/L			05/31/13 17:14	1
Chloroform	ND		1.0		ug/L			05/31/13 17:14	1
Chloromethane	ND		1.0		ug/L			05/31/13 17:14	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 17:14	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 17:14	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 17:14	1
1,2-Dichlorobenzene	ND		0.50		ug/L			05/31/13 17:14	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 17:14	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 17:14	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 17:14	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 17:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 17:14	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 17:14	1
Dibromomethane	ND		0.50		ug/L			05/31/13 17:14	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 17:14	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 17:14	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 17:14	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 17:14	1
cis-1,2-Dichloroethene	2.0		0.50		ug/L			05/31/13 17:14	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 17:14	1
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 17:14	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 17:14	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 17:14	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 17:14	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 17:14	1
2-Hexanone	ND		50		ug/L			05/31/13 17:14	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 17:14	1
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 17:14	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 17:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 17:14	1
Naphthalene	ND		1.0		ug/L			05/31/13 17:14	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 17:14	1
Styrene	ND		0.50		ug/L			05/31/13 17:14	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 17:14	1

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

Client Sample ID: MW-200
Date Collected: 05/29/13 13:40
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-15
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 17:14	1
Tetrachloroethene	15		0.50		ug/L			05/31/13 17:14	1
Toluene	ND		0.50		ug/L			05/31/13 17:14	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 17:14	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 17:14	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 17:14	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 17:14	1
Trichloroethene	23		0.50		ug/L			05/31/13 17:14	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 17:14	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 17:14	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 17:14	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 17:14	1
Vinyl acetate	ND		10		ug/L			05/31/13 17:14	1
Vinyl chloride	ND		0.50		ug/L			05/31/13 17:14	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 17:14	1
2,2-Dichloropropane	ND		0.50		ug/L			05/31/13 17:14	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/31/13 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 130*		*05/31/13 17:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 138*		*05/31/13 17:14*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*05/31/13 17:14*	*1*

Client Sample ID: MP-01-3
Date Collected: 05/29/13 14:05
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			06/03/13 12:49	1
Acetone	ND		50		ug/L			06/03/13 12:49	1
Benzene	ND		0.50		ug/L			06/03/13 12:49	1
Dichlorobromomethane	ND		0.50		ug/L			06/03/13 12:49	1
Bromobenzene	ND		1.0		ug/L			06/03/13 12:49	1
Chlorobromomethane	ND		1.0		ug/L			06/03/13 12:49	1
Bromoform	ND		1.0		ug/L			06/03/13 12:49	1
Bromomethane	ND		1.0		ug/L			06/03/13 12:49	1
2-Butanone (MEK)	ND		50		ug/L			06/03/13 12:49	1
n-Butylbenzene	ND		1.0		ug/L			06/03/13 12:49	1
sec-Butylbenzene	ND		1.0		ug/L			06/03/13 12:49	1
tert-Butylbenzene	ND		1.0		ug/L			06/03/13 12:49	1
Carbon disulfide	ND		5.0		ug/L			06/03/13 12:49	1
Carbon tetrachloride	ND		0.50		ug/L			06/03/13 12:49	1
Chlorobenzene	ND		0.50		ug/L			06/03/13 12:49	1
Chloroethane	ND		1.0		ug/L			06/03/13 12:49	1
Chloroform	ND		1.0		ug/L			06/03/13 12:49	1
Chloromethane	ND		1.0		ug/L			06/03/13 12:49	1
2-Chlorotoluene	ND		0.50		ug/L			06/03/13 12:49	1
4-Chlorotoluene	ND		0.50		ug/L			06/03/13 12:49	1
Chlorodibromomethane	ND		0.50		ug/L			06/03/13 12:49	1

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

Client Sample ID: MP-01-3
Date Collected: 05/29/13 14:05
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-16
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			06/03/13 12:49	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/03/13 12:49	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/03/13 12:49	1
1,3-Dichloropropane	ND		1.0		ug/L			06/03/13 12:49	1
1,1-Dichloropropene	ND		0.50		ug/L			06/03/13 12:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			06/03/13 12:49	1
Ethylene Dibromide	ND		0.50		ug/L			06/03/13 12:49	1
Dibromomethane	ND		0.50		ug/L			06/03/13 12:49	1
Dichlorodifluoromethane	ND		0.50		ug/L			06/03/13 12:49	1
1,1-Dichloroethane	ND		0.50		ug/L			06/03/13 12:49	1
1,2-Dichloroethane	ND		0.50		ug/L			06/03/13 12:49	1
1,1-Dichloroethene	ND		0.50		ug/L			06/03/13 12:49	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 12:49	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 12:49	1
1,2-Dichloropropane	ND		0.50		ug/L			06/03/13 12:49	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 12:49	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 12:49	1
Ethylbenzene	ND		0.50		ug/L			06/03/13 12:49	1
Hexachlorobutadiene	ND		1.0		ug/L			06/03/13 12:49	1
2-Hexanone	ND		50		ug/L			06/03/13 12:49	1
Isopropylbenzene	ND		0.50		ug/L			06/03/13 12:49	1
4-Isopropyltoluene	ND		1.0		ug/L			06/03/13 12:49	1
Methylene Chloride	ND		5.0		ug/L			06/03/13 12:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			06/03/13 12:49	1
Naphthalene	ND	*	1.0		ug/L			06/03/13 12:49	1
N-Propylbenzene	ND		1.0		ug/L			06/03/13 12:49	1
Styrene	ND		0.50		ug/L			06/03/13 12:49	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 12:49	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 12:49	1
Tetrachloroethene	ND		0.50		ug/L			06/03/13 12:49	1
Toluene	ND		0.50		ug/L			06/03/13 12:49	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/03/13 12:49	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/03/13 12:49	1
1,1,1-Trichloroethane	ND		0.50		ug/L			06/03/13 12:49	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/03/13 12:49	1
Trichloroethene	ND		0.50		ug/L			06/03/13 12:49	1
Trichlorofluoromethane	ND		1.0		ug/L			06/03/13 12:49	1
1,2,3-Trichloropropane	ND		0.50		ug/L			06/03/13 12:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			06/03/13 12:49	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			06/03/13 12:49	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			06/03/13 12:49	1
Vinyl acetate	ND		10		ug/L			06/03/13 12:49	1
Vinyl chloride	ND		0.50		ug/L			06/03/13 12:49	1
Xylenes, Total	ND		1.0		ug/L			06/03/13 12:49	1
2,2-Dichloropropane	ND		0.50		ug/L			06/03/13 12:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			06/03/13 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 130*		*06/03/13 12:49*	*1*

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

Client Sample ID: MP-01-3
Date Collected: 05/29/13 14:05
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-16
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 138*		*06/03/13 12:49*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/03/13 12:49*	*1*

Client Sample ID: TB052913-1
Date Collected: 05/29/13 07:00
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			06/03/13 13:15	1
Acetone	ND		50		ug/L			06/03/13 13:15	1
Benzene	ND		0.50		ug/L			06/03/13 13:15	1
Dichlorobromomethane	ND		0.50		ug/L			06/03/13 13:15	1
Bromobenzene	ND		1.0		ug/L			06/03/13 13:15	1
Chlorobromomethane	ND		1.0		ug/L			06/03/13 13:15	1
Bromoform	ND		1.0		ug/L			06/03/13 13:15	1
Bromomethane	ND		1.0		ug/L			06/03/13 13:15	1
2-Butanone (MEK)	ND		50		ug/L			06/03/13 13:15	1
n-Butylbenzene	ND		1.0		ug/L			06/03/13 13:15	1
sec-Butylbenzene	ND		1.0		ug/L			06/03/13 13:15	1
tert-Butylbenzene	ND		1.0		ug/L			06/03/13 13:15	1
Carbon disulfide	ND		5.0		ug/L			06/03/13 13:15	1
Carbon tetrachloride	ND		0.50		ug/L			06/03/13 13:15	1
Chlorobenzene	ND		0.50		ug/L			06/03/13 13:15	1
Chloroethane	ND		1.0		ug/L			06/03/13 13:15	1
Chloroform	ND		1.0		ug/L			06/03/13 13:15	1
Chloromethane	ND		1.0		ug/L			06/03/13 13:15	1
2-Chlorotoluene	ND		0.50		ug/L			06/03/13 13:15	1
4-Chlorotoluene	ND		0.50		ug/L			06/03/13 13:15	1
Chlorodibromomethane	ND		0.50		ug/L			06/03/13 13:15	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/03/13 13:15	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/03/13 13:15	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/03/13 13:15	1
1,3-Dichloropropane	ND		1.0		ug/L			06/03/13 13:15	1
1,1-Dichloropropene	ND		0.50		ug/L			06/03/13 13:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			06/03/13 13:15	1
Ethylene Dibromide	ND		0.50		ug/L			06/03/13 13:15	1
Dibromomethane	ND		0.50		ug/L			06/03/13 13:15	1
Dichlorodifluoromethane	ND		0.50		ug/L			06/03/13 13:15	1
1,1-Dichloroethane	ND		0.50		ug/L			06/03/13 13:15	1
1,2-Dichloroethane	ND		0.50		ug/L			06/03/13 13:15	1
1,1-Dichloroethene	ND		0.50		ug/L			06/03/13 13:15	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 13:15	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 13:15	1
1,2-Dichloropropane	ND		0.50		ug/L			06/03/13 13:15	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 13:15	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 13:15	1
Ethylbenzene	ND		0.50		ug/L			06/03/13 13:15	1
Hexachlorobutadiene	ND		1.0		ug/L			06/03/13 13:15	1
2-Hexanone	ND		50		ug/L			06/03/13 13:15	1
Isopropylbenzene	ND		0.50		ug/L			06/03/13 13:15	1

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

Client Sample ID: TB052913-1
Date Collected: 05/29/13 07:00
Date Received: 05/30/13 08:00

Lab Sample ID: 720-49998-17
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			06/03/13 13:15	1
Methylene Chloride	ND		5.0		ug/L			06/03/13 13:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			06/03/13 13:15	1
Naphthalene	ND	*	1.0		ug/L			06/03/13 13:15	1
N-Propylbenzene	ND		1.0		ug/L			06/03/13 13:15	1
Styrene	ND		0.50		ug/L			06/03/13 13:15	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 13:15	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 13:15	1
Tetrachloroethene	ND		0.50		ug/L			06/03/13 13:15	1
Toluene	ND		0.50		ug/L			06/03/13 13:15	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/03/13 13:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/03/13 13:15	1
1,1,1-Trichloroethane	ND		0.50		ug/L			06/03/13 13:15	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/03/13 13:15	1
Trichloroethene	ND		0.50		ug/L			06/03/13 13:15	1
Trichlorofluoromethane	ND		1.0		ug/L			06/03/13 13:15	1
1,2,3-Trichloropropane	ND		0.50		ug/L			06/03/13 13:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			06/03/13 13:15	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			06/03/13 13:15	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			06/03/13 13:15	1
Vinyl acetate	ND		10		ug/L			06/03/13 13:15	1
Vinyl chloride	ND		0.50		ug/L			06/03/13 13:15	1
Xylenes, Total	ND		1.0		ug/L			06/03/13 13:15	1
2,2-Dichloropropane	ND		0.50		ug/L			06/03/13 13:15	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			06/03/13 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 130*		*06/03/13 13:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 138*		*06/03/13 13:15*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/03/13 13:15*	*1*

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

TestAmerica Job ID: 720-49998-1

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

Lab Sample ID: MB 720-137420/5
Matrix: Water
Analysis Batch: 137420

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			05/31/13 08:28	1
Acetone	ND		50		ug/L			05/31/13 08:28	1
Benzene	ND		0.50		ug/L			05/31/13 08:28	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 08:28	1
Bromobenzene	ND		1.0		ug/L			05/31/13 08:28	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 08:28	1
Bromoform	ND		1.0		ug/L			05/31/13 08:28	1
Bromomethane	ND		1.0		ug/L			05/31/13 08:28	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 08:28	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 08:28	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 08:28	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 08:28	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 08:28	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 08:28	1
Chlorobenzene	ND		0.50		ug/L			05/31/13 08:28	1
Chloroethane	ND		1.0		ug/L			05/31/13 08:28	1
Chloroform	ND		1.0		ug/L			05/31/13 08:28	1
Chloromethane	ND		1.0		ug/L			05/31/13 08:28	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 08:28	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 08:28	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 08:28	1
1,2-Dichlorobenzene	ND		0.50		ug/L			05/31/13 08:28	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 08:28	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 08:28	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 08:28	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 08:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 08:28	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 08:28	1
Dibromomethane	ND		0.50		ug/L			05/31/13 08:28	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 08:28	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 08:28	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 08:28	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 08:28	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 08:28	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 08:28	1
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 08:28	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 08:28	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 08:28	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 08:28	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 08:28	1
2-Hexanone	ND		50		ug/L			05/31/13 08:28	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 08:28	1
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 08:28	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 08:28	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 08:28	1
Naphthalene	ND		1.0		ug/L			05/31/13 08:28	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 08:28	1
Styrene	ND		0.50		ug/L			05/31/13 08:28	1

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

Lab Sample ID: MB 720-137420/5
Matrix: Water
Analysis Batch: 137420

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			05/31/13 08:28	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 08:28	1
Tetrachloroethene	ND		0.50		ug/L			05/31/13 08:28	1
Toluene	ND		0.50		ug/L			05/31/13 08:28	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 08:28	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 08:28	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 08:28	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 08:28	1
Trichloroethene	ND		0.50		ug/L			05/31/13 08:28	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 08:28	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 08:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 08:28	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 08:28	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 08:28	1
Vinyl acetate	ND		10		ug/L			05/31/13 08:28	1
Vinyl chloride	ND		0.50		ug/L			05/31/13 08:28	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 08:28	1
2,2-Dichloropropane	ND		0.50		ug/L			05/31/13 08:28	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/31/13 08:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*67 - 130*		*05/31/13 08:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 138*		*05/31/13 08:28*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*05/31/13 08:28*	*1*

Lab Sample ID: LCS 720-137420/6
Matrix: Water
Analysis Batch: 137420

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	25.1		ug/L		100	62 - 130
Acetone	125	108		ug/L		87	26 - 180
Benzene	25.0	24.7		ug/L		99	79 - 130
Dichlorobromomethane	25.0	26.1		ug/L		104	70 - 130
Bromobenzene	25.0	24.0		ug/L		96	70 - 130
Chlorobromomethane	25.0	25.3		ug/L		101	70 - 130
Bromoform	25.0	24.5		ug/L		98	68 - 136
Bromomethane	25.0	23.1		ug/L		92	43 - 151
2-Butanone (MEK)	125	109		ug/L		87	54 - 130
n-Butylbenzene	25.0	23.3		ug/L		93	70 - 142
sec-Butylbenzene	25.0	23.1		ug/L		93	70 - 134
tert-Butylbenzene	25.0	23.6		ug/L		94	70 - 135
Carbon disulfide	25.0	23.1		ug/L		92	58 - 130
Carbon tetrachloride	25.0	22.6		ug/L		90	70 - 146
Chlorobenzene	25.0	24.5		ug/L		98	70 - 130
Chloroethane	25.0	23.0		ug/L		92	62 - 138
Chloroform	25.0	25.0		ug/L		100	70 - 130

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

Lab Sample ID: LCS 720-137420/6
Matrix: Water
Analysis Batch: 137420

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	19.1		ug/L		76	52 - 175
2-Chlorotoluene	25.0	26.5		ug/L		106	70 - 130
4-Chlorotoluene	25.0	26.3		ug/L		105	70 - 130
Chlorodibromomethane	25.0	23.2		ug/L		93	70 - 145
1,2-Dichlorobenzene	25.0	24.0		ug/L		96	70 - 130
1,3-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130
1,3-Dichloropropane	25.0	25.4		ug/L		102	70 - 130
1,1-Dichloropropene	25.0	26.7		ug/L		107	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	18.9		ug/L		76	70 - 136
Ethylene Dibromide	25.0	26.0		ug/L		104	70 - 130
Dibromomethane	25.0	25.2		ug/L		101	70 - 130
Dichlorodifluoromethane	25.0	17.4		ug/L		70	34 - 132
1,1-Dichloroethane	25.0	24.0		ug/L		96	70 - 130
1,2-Dichloroethane	25.0	24.6		ug/L		98	61 - 132
1,1-Dichloroethene	25.0	20.7		ug/L		83	64 - 128
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	70 - 130
trans-1,2-Dichloroethene	25.0	24.1		ug/L		96	68 - 130
1,2-Dichloropropane	25.0	25.7		ug/L		103	70 - 130
cis-1,3-Dichloropropene	25.0	27.7		ug/L		111	70 - 130
trans-1,3-Dichloropropene	25.0	24.4		ug/L		97	70 - 140
Ethylbenzene	25.0	24.9		ug/L		99	80 - 120
Hexachlorobutadiene	25.0	18.7		ug/L		75	70 - 130
2-Hexanone	125	101		ug/L		81	60 - 164
Isopropylbenzene	25.0	25.4		ug/L		102	70 - 130
4-Isopropyltoluene	25.0	22.9		ug/L		91	70 - 130
Methylene Chloride	25.0	23.8		ug/L		95	70 - 147
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	58 - 130
Naphthalene	25.0	20.2		ug/L		81	70 - 130
N-Propylbenzene	25.0	24.1		ug/L		97	70 - 130
Styrene	25.0	25.5		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	25.0	25.6		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	25.0	21.9		ug/L		87	70 - 130
Tetrachloroethene	25.0	24.3		ug/L		97	70 - 130
Toluene	25.0	24.7		ug/L		99	78 - 120
1,2,3-Trichlorobenzene	25.0	21.0		ug/L		84	70 - 130
1,2,4-Trichlorobenzene	25.0	21.5		ug/L		86	70 - 130
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	70 - 130
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	70 - 130
Trichloroethene	25.0	25.6		ug/L		102	70 - 130
Trichlorofluoromethane	25.0	22.6		ug/L		90	66 - 132
1,2,3-Trichloropropane	25.0	23.0		ug/L		92	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.9		ug/L		88	42 - 162
1,2,4-Trimethylbenzene	25.0	24.5		ug/L		98	70 - 132
1,3,5-Trimethylbenzene	25.0	24.3		ug/L		97	70 - 130
Vinyl acetate	25.0	27.6		ug/L		111	43 - 163
Vinyl chloride	25.0	21.4		ug/L		85	54 - 135

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

Lab Sample ID: LCS 720-137420/6
Matrix: Water
Analysis Batch: 137420

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	47.5		ug/L		95	70 - 142
o-Xylene	25.0	26.1		ug/L		104	70 - 130
2,2-Dichloropropane	25.0	28.4		ug/L		114	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*110*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 138*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCS 720-137420/8
Matrix: Water
Analysis Batch: 137420

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	514		ug/L		103	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 720-137420/7
Matrix: Water
Analysis Batch: 137420

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	26.6		ug/L		106	62 - 130	6	20
Acetone	125	114		ug/L		91	26 - 180	5	30
Benzene	25.0	24.9		ug/L		100	79 - 130	1	20
Dichlorobromomethane	25.0	26.9		ug/L		107	70 - 130	3	20
Bromobenzene	25.0	24.8		ug/L		99	70 - 130	3	20
Chlorobromomethane	25.0	26.3		ug/L		105	70 - 130	4	20
Bromoform	25.0	25.9		ug/L		104	68 - 136	6	20
Bromomethane	25.0	24.1		ug/L		96	43 - 151	4	20
2-Butanone (MEK)	125	117		ug/L		93	54 - 130	7	20
n-Butylbenzene	25.0	22.6		ug/L		91	70 - 142	3	20
sec-Butylbenzene	25.0	23.0		ug/L		92	70 - 134	1	20
tert-Butylbenzene	25.0	23.3		ug/L		93	70 - 135	2	20
Carbon disulfide	25.0	22.8		ug/L		91	58 - 130	1	20
Carbon tetrachloride	25.0	23.1		ug/L		92	70 - 146	2	20
Chlorobenzene	25.0	24.8		ug/L		99	70 - 130	1	20
Chloroethane	25.0	23.4		ug/L		94	62 - 138	2	20
Chloroform	25.0	25.6		ug/L		102	70 - 130	2	20
Chloromethane	25.0	21.4		ug/L		86	52 - 175	11	20
2-Chlorotoluene	25.0	26.3		ug/L		105	70 - 130	1	20
4-Chlorotoluene	25.0	26.0		ug/L		104	70 - 130	1	20
Chlorodibromomethane	25.0	24.1		ug/L		96	70 - 145	4	20

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

Lab Sample ID: LCSD 720-137420/7
Matrix: Water
Analysis Batch: 137420

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	25.0	24.4		ug/L		98	70 - 130	2	20
1,3-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130	0	20
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130	1	20
1,3-Dichloropropane	25.0	26.3		ug/L		105	70 - 130	4	20
1,1-Dichloropropene	25.0	26.9		ug/L		108	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	20.4		ug/L		82	70 - 136	7	20
Ethylene Dibromide	25.0	26.7		ug/L		107	70 - 130	3	20
Dibromomethane	25.0	26.0		ug/L		104	70 - 130	3	20
Dichlorodifluoromethane	25.0	18.4		ug/L		74	34 - 132	6	20
1,1-Dichloroethane	25.0	24.1		ug/L		97	70 - 130	0	20
1,2-Dichloroethane	25.0	25.1		ug/L		100	61 - 132	2	20
1,1-Dichloroethene	25.0	21.7		ug/L		87	64 - 128	4	20
cis-1,2-Dichloroethene	25.0	26.3		ug/L		105	70 - 130	2	20
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	68 - 130	3	20
1,2-Dichloropropane	25.0	25.9		ug/L		104	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	28.5		ug/L		114	70 - 130	3	20
trans-1,3-Dichloropropene	25.0	25.2		ug/L		101	70 - 140	3	20
Ethylbenzene	25.0	24.7		ug/L		99	80 - 120	1	20
Hexachlorobutadiene	25.0	19.3		ug/L		77	70 - 130	3	20
2-Hexanone	125	108		ug/L		87	60 - 164	7	20
Isopropylbenzene	25.0	25.5		ug/L		102	70 - 130	0	20
4-Isopropyltoluene	25.0	22.5		ug/L		90	70 - 130	2	20
Methylene Chloride	25.0	24.2		ug/L		97	70 - 147	2	20
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	58 - 130	6	20
Naphthalene	25.0	22.6		ug/L		90	70 - 130	11	20
N-Propylbenzene	25.0	23.8		ug/L		95	70 - 130	1	20
Styrene	25.0	25.7		ug/L		103	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	26.0		ug/L		104	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		90	70 - 130	3	20
Tetrachloroethene	25.0	25.1		ug/L		100	70 - 130	3	20
Toluene	25.0	24.9		ug/L		100	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	22.8		ug/L		91	70 - 130	8	20
1,2,4-Trichlorobenzene	25.0	22.9		ug/L		91	70 - 130	6	20
1,1,1-Trichloroethane	25.0	24.6		ug/L		99	70 - 130	2	20
1,1,2-Trichloroethane	25.0	25.9		ug/L		104	70 - 130	3	20
Trichloroethene	25.0	26.0		ug/L		104	70 - 130	2	20
Trichlorofluoromethane	25.0	22.5		ug/L		90	66 - 132	0	20
1,2,3-Trichloropropane	25.0	24.1		ug/L		96	70 - 130	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.4		ug/L		90	42 - 162	2	20
1,2,4-Trimethylbenzene	25.0	24.4		ug/L		98	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	24.2		ug/L		97	70 - 130	0	20
Vinyl acetate	25.0	28.5		ug/L		114	43 - 163	3	20
Vinyl chloride	25.0	21.7		ug/L		87	54 - 135	1	20
m-Xylene & p-Xylene	50.0	47.3		ug/L		95	70 - 142	0	20
o-Xylene	25.0	25.9		ug/L		104	70 - 130	1	20
2,2-Dichloropropane	25.0	27.5		ug/L		110	70 - 140	3	20

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

Lab Sample ID: LCSD 720-137420/7
Matrix: Water
Analysis Batch: 137420

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*110*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 138*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 720-137420/9
Matrix: Water
Analysis Batch: 137420

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	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 138*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: 720-49925-B-1 MS
Matrix: Water
Analysis Batch: 137420

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	1.0		25.0	30.7		ug/L		119	60 - 138
Acetone	ND		125	99.7		ug/L		80	60 - 140
Benzene	ND		25.0	28.3		ug/L		113	60 - 140
Dichlorobromomethane	ND		25.0	30.1		ug/L		120	60 - 140
Bromobenzene	ND		25.0	28.1		ug/L		112	60 - 140
Chlorobromomethane	ND		25.0	29.7		ug/L		119	60 - 140
Bromoform	ND		25.0	27.0		ug/L		108	56 - 140
Bromomethane	ND		25.0	27.9		ug/L		112	23 - 140
2-Butanone (MEK)	ND		125	110		ug/L		88	60 - 140
n-Butylbenzene	ND		25.0	25.4		ug/L		101	60 - 140
sec-Butylbenzene	ND		25.0	25.1		ug/L		99	60 - 140
tert-Butylbenzene	ND		25.0	25.9		ug/L		104	60 - 140
Carbon disulfide	ND		25.0	27.4		ug/L		110	38 - 140
Carbon tetrachloride	ND		25.0	25.6		ug/L		102	60 - 140
Chlorobenzene	ND		25.0	27.5		ug/L		110	60 - 140
Chloroethane	ND		25.0	28.0		ug/L		112	51 - 140
Chloroform	ND		25.0	28.5		ug/L		114	60 - 140
Chloromethane	ND		25.0	25.0		ug/L		100	52 - 140
2-Chlorotoluene	ND		25.0	29.0		ug/L		116	60 - 140
4-Chlorotoluene	ND		25.0	29.1		ug/L		116	60 - 140
Chlorodibromomethane	ND		25.0	26.8		ug/L		107	60 - 140
1,2-Dichlorobenzene	ND		25.0	27.1		ug/L		108	60 - 140
1,3-Dichlorobenzene	ND		25.0	28.5		ug/L		114	60 - 140
1,4-Dichlorobenzene	ND		25.0	27.8		ug/L		111	60 - 140
1,3-Dichloropropane	ND		25.0	28.6		ug/L		114	60 - 140
1,1-Dichloropropene	ND		25.0	29.7		ug/L		119	60 - 140

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

Lab Sample ID: 720-49925-B-1 MS
Matrix: Water
Analysis Batch: 137420

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	19.9		ug/L		80	60 - 140
Ethylene Dibromide	ND		25.0	29.5		ug/L		118	60 - 140
Dibromomethane	ND		25.0	28.7		ug/L		115	60 - 140
Dichlorodifluoromethane	ND		25.0	22.0		ug/L		88	38 - 140
1,1-Dichloroethane	ND		25.0	26.9		ug/L		108	60 - 140
1,2-Dichloroethane	ND		25.0	27.4		ug/L		109	60 - 140
1,1-Dichloroethene	ND		25.0	24.1		ug/L		95	60 - 140
cis-1,2-Dichloroethene	ND		25.0	29.0		ug/L		116	60 - 140
trans-1,2-Dichloroethene	ND		25.0	27.8		ug/L		111	60 - 140
1,2-Dichloropropane	ND		25.0	30.3		ug/L		121	60 - 140
cis-1,3-Dichloropropene	ND		25.0	32.4		ug/L		130	60 - 140
trans-1,3-Dichloropropene	ND		25.0	27.9		ug/L		112	60 - 140
Ethylbenzene	ND		25.0	26.6		ug/L		106	60 - 140
Hexachlorobutadiene	ND		25.0	23.0		ug/L		91	60 - 140
2-Hexanone	ND		125	104		ug/L		83	60 - 140
Isopropylbenzene	ND		25.0	27.0		ug/L		107	60 - 140
4-Isopropyltoluene	ND		25.0	25.5		ug/L		101	60 - 140
Methylene Chloride	ND		25.0	27.0		ug/L		108	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	119		ug/L		95	58 - 130
Naphthalene	ND		25.0	22.9		ug/L		89	56 - 140
N-Propylbenzene	ND		25.0	26.0		ug/L		103	60 - 140
Styrene	ND		25.0	27.6		ug/L		109	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	29.1		ug/L		116	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	22.5		ug/L		90	60 - 140
Tetrachloroethene	ND		25.0	29.4		ug/L		117	60 - 140
Toluene	ND		25.0	26.8		ug/L		107	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	25.2		ug/L		99	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.0		ug/L		102	60 - 140
1,1,1-Trichloroethane	ND		25.0	27.2		ug/L		109	60 - 140
1,1,2-Trichloroethane	ND		25.0	28.6		ug/L		115	60 - 140
Trichloroethene	51		25.0	98.0	F	ug/L		187	60 - 140
Trichlorofluoromethane	ND		25.0	26.4		ug/L		106	60 - 140
1,2,3-Trichloropropane	ND		25.0	23.6		ug/L		95	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	0.61		25.0	26.4		ug/L		103	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	27.3		ug/L		109	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	26.7		ug/L		107	60 - 140
Vinyl acetate	ND		25.0	33.0		ug/L		132	40 - 140
Vinyl chloride	ND		25.0	24.9		ug/L		99	58 - 140
m-Xylene & p-Xylene	ND		50.0	50.5		ug/L		101	60 - 140
o-Xylene	ND		25.0	27.4		ug/L		110	60 - 140
2,2-Dichloropropane	ND		25.0	30.3		ug/L		121	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 138*
Toluene-d8 (Surr)	*106*		*70 - 130*

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

Lab Sample ID: 720-49925-B-1 MSD
Matrix: Water
Analysis Batch: 137420

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	1.0		25.0	32.0		ug/L		124	60 - 138	4	20
Acetone	ND		125	102		ug/L		82	60 - 140	2	20
Benzene	ND		25.0	27.9		ug/L		112	60 - 140	1	20
Dichlorobromomethane	ND		25.0	31.2		ug/L		125	60 - 140	4	20
Bromobenzene	ND		25.0	27.6		ug/L		110	60 - 140	2	20
Chlorobromomethane	ND		25.0	30.8		ug/L		123	60 - 140	4	20
Bromoform	ND		25.0	26.7		ug/L		107	56 - 140	1	20
Bromomethane	ND		25.0	28.3		ug/L		113	23 - 140	1	20
2-Butanone (MEK)	ND		125	114		ug/L		91	60 - 140	4	20
n-Butylbenzene	ND		25.0	23.3		ug/L		93	60 - 140	8	20
sec-Butylbenzene	ND		25.0	23.5		ug/L		93	60 - 140	7	20
tert-Butylbenzene	ND		25.0	24.5		ug/L		98	60 - 140	6	20
Carbon disulfide	ND		25.0	27.5		ug/L		110	38 - 140	0	20
Carbon tetrachloride	ND		25.0	24.4		ug/L		98	60 - 140	5	20
Chlorobenzene	ND		25.0	25.9		ug/L		104	60 - 140	6	20
Chloroethane	ND		25.0	28.1		ug/L		113	51 - 140	0	20
Chloroform	ND		25.0	28.1		ug/L		113	60 - 140	1	20
Chloromethane	ND		25.0	25.5		ug/L		102	52 - 140	2	20
2-Chlorotoluene	ND		25.0	27.5		ug/L		110	60 - 140	5	20
4-Chlorotoluene	ND		25.0	27.5		ug/L		110	60 - 140	6	20
Chlorodibromomethane	ND		25.0	27.9		ug/L		112	60 - 140	4	20
1,2-Dichlorobenzene	ND		25.0	26.3		ug/L		105	60 - 140	3	20
1,3-Dichlorobenzene	ND		25.0	27.5		ug/L		110	60 - 140	3	20
1,4-Dichlorobenzene	ND		25.0	26.9		ug/L		108	60 - 140	3	20
1,3-Dichloropropane	ND		25.0	29.4		ug/L		118	60 - 140	3	20
1,1-Dichloropropene	ND		25.0	28.4		ug/L		114	60 - 140	4	20
1,2-Dibromo-3-Chloropropane	ND		25.0	20.1		ug/L		80	60 - 140	1	20
Ethylene Dibromide	ND		25.0	31.0		ug/L		124	60 - 140	5	20
Dibromomethane	ND		25.0	28.8		ug/L		115	60 - 140	0	20
Dichlorodifluoromethane	ND		25.0	21.7		ug/L		86	38 - 140	2	20
1,1-Dichloroethane	ND		25.0	26.8		ug/L		107	60 - 140	0	20
1,2-Dichloroethane	ND		25.0	28.5		ug/L		114	60 - 140	4	20
1,1-Dichloroethene	ND		25.0	23.2		ug/L		91	60 - 140	4	20
cis-1,2-Dichloroethene	ND		25.0	29.2		ug/L		117	60 - 140	1	20
trans-1,2-Dichloroethene	ND		25.0	27.3		ug/L		109	60 - 140	2	20
1,2-Dichloropropane	ND		25.0	30.1		ug/L		120	60 - 140	1	20
cis-1,3-Dichloropropene	ND		25.0	32.9		ug/L		132	60 - 140	2	20
trans-1,3-Dichloropropene	ND		25.0	28.6		ug/L		114	60 - 140	3	20
Ethylbenzene	ND		25.0	24.5		ug/L		98	60 - 140	8	20
Hexachlorobutadiene	ND		25.0	21.8		ug/L		86	60 - 140	5	20
2-Hexanone	ND		125	110		ug/L		88	60 - 140	6	20
Isopropylbenzene	ND		25.0	24.7		ug/L		98	60 - 140	9	20
4-Isopropyltoluene	ND		25.0	23.7		ug/L		94	60 - 140	8	20
Methylene Chloride	ND		25.0	26.8		ug/L		107	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	125		ug/L		100	58 - 130	5	20
Naphthalene	ND		25.0	23.0		ug/L		90	56 - 140	1	20
N-Propylbenzene	ND		25.0	24.4		ug/L		97	60 - 140	6	20
Styrene	ND		25.0	25.9		ug/L		102	60 - 140	6	20

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

Lab Sample ID: 720-49925-B-1 MSD
Matrix: Water
Analysis Batch: 137420

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	28.2		ug/L		113	60 - 140	3	20
1,1,2,2-Tetrachloroethane	ND		25.0	22.5		ug/L		90	60 - 140	0	20
Tetrachloroethene	ND		25.0	28.4		ug/L		114	60 - 140	3	20
Toluene	ND		25.0	24.8		ug/L		99	60 - 140	8	20
1,2,3-Trichlorobenzene	ND		25.0	25.1		ug/L		98	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		25.0	25.6		ug/L		100	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	26.0		ug/L		104	60 - 140	5	20
1,1,2-Trichloroethane	ND		25.0	29.4		ug/L		118	60 - 140	3	20
Trichloroethene	51		25.0	94.6	F	ug/L		173	60 - 140	4	20
Trichlorofluoromethane	ND		25.0	26.1		ug/L		104	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	24.6		ug/L		98	60 - 140	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.61		25.0	25.1		ug/L		98	60 - 140	5	20
1,2,4-Trimethylbenzene	ND		25.0	25.7		ug/L		103	60 - 140	6	20
1,3,5-Trimethylbenzene	ND		25.0	25.2		ug/L		101	60 - 140	6	20
Vinyl acetate	ND		25.0	34.0		ug/L		136	40 - 140	3	20
Vinyl chloride	ND		25.0	24.2		ug/L		97	58 - 140	3	20
m-Xylene & p-Xylene	ND		50.0	46.7		ug/L		93	60 - 140	8	20
o-Xylene	ND		25.0	25.5		ug/L		102	60 - 140	8	20
2,2-Dichloropropane	ND		25.0	29.1		ug/L		116	60 - 140	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 138*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 720-137421/5
Matrix: Water
Analysis Batch: 137421

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			05/31/13 08:28	1
Acetone	ND		50		ug/L			05/31/13 08:28	1
Benzene	ND		0.50		ug/L			05/31/13 08:28	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 08:28	1
Bromobenzene	ND		1.0		ug/L			05/31/13 08:28	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 08:28	1
Bromoform	ND		1.0		ug/L			05/31/13 08:28	1
Bromomethane	ND		1.0		ug/L			05/31/13 08:28	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 08:28	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 08:28	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 08:28	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 08:28	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 08:28	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 08:28	1
Chlorobenzene	ND		0.50		ug/L			05/31/13 08:28	1
Chloroethane	ND		1.0		ug/L			05/31/13 08:28	1
Chloroform	ND		1.0		ug/L			05/31/13 08:28	1

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

Lab Sample ID: MB 720-137421/5
Matrix: Water
Analysis Batch: 137421

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0		ug/L			05/31/13 08:28	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 08:28	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 08:28	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 08:28	1
1,2-Dichlorobenzene	ND		0.50		ug/L			05/31/13 08:28	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 08:28	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 08:28	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 08:28	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 08:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 08:28	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 08:28	1
Dibromomethane	ND		0.50		ug/L			05/31/13 08:28	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 08:28	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 08:28	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 08:28	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 08:28	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 08:28	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 08:28	1
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 08:28	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 08:28	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 08:28	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 08:28	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 08:28	1
2-Hexanone	ND		50		ug/L			05/31/13 08:28	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 08:28	1
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 08:28	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 08:28	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 08:28	1
Naphthalene	ND		1.0		ug/L			05/31/13 08:28	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 08:28	1
Styrene	ND		0.50		ug/L			05/31/13 08:28	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 08:28	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 08:28	1
Tetrachloroethene	ND		0.50		ug/L			05/31/13 08:28	1
Toluene	ND		0.50		ug/L			05/31/13 08:28	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 08:28	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 08:28	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 08:28	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 08:28	1
Trichloroethene	ND		0.50		ug/L			05/31/13 08:28	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 08:28	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 08:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 08:28	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 08:28	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 08:28	1
Vinyl acetate	ND		10		ug/L			05/31/13 08:28	1
Vinyl chloride	ND		0.50		ug/L			05/31/13 08:28	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 08:28	1

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

Lab Sample ID: MB 720-137421/5
Matrix: Water
Analysis Batch: 137421

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			05/31/13 08:28	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/31/13 08:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*67 - 130*		*05/31/13 08:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 138*		*05/31/13 08:28*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/31/13 08:28*	*1*

Lab Sample ID: LCS 720-137421/6
Matrix: Water
Analysis Batch: 137421

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	24.9		ug/L		99	62 - 130
Acetone	125	93.2		ug/L		75	26 - 180
Benzene	25.0	23.6		ug/L		94	79 - 130
Dichlorobromomethane	25.0	28.6		ug/L		114	70 - 130
Bromobenzene	25.0	26.1		ug/L		105	70 - 130
Chlorobromomethane	25.0	27.1		ug/L		108	70 - 130
Bromoform	25.0	26.7		ug/L		107	68 - 136
Bromomethane	25.0	25.8		ug/L		103	43 - 151
2-Butanone (MEK)	125	100		ug/L		80	54 - 130
n-Butylbenzene	25.0	24.7		ug/L		99	70 - 142
sec-Butylbenzene	25.0	25.2		ug/L		101	70 - 134
tert-Butylbenzene	25.0	25.9		ug/L		103	70 - 135
Carbon disulfide	25.0	20.7		ug/L		83	58 - 130
Carbon tetrachloride	25.0	31.1		ug/L		125	70 - 146
Chlorobenzene	25.0	26.0		ug/L		104	70 - 130
Chloroethane	25.0	23.6		ug/L		94	62 - 138
Chloroform	25.0	27.2		ug/L		109	70 - 130
Chloromethane	25.0	19.5		ug/L		78	52 - 175
2-Chlorotoluene	25.0	25.8		ug/L		103	70 - 130
4-Chlorotoluene	25.0	25.5		ug/L		102	70 - 130
Chlorodibromomethane	25.0	28.1		ug/L		112	70 - 145
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,3-Dichlorobenzene	25.0	26.2		ug/L		105	70 - 130
1,4-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,3-Dichloropropane	25.0	26.4		ug/L		106	70 - 130
1,1-Dichloropropene	25.0	27.0		ug/L		108	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.7		ug/L		99	70 - 136
Ethylene Dibromide	25.0	27.2		ug/L		109	70 - 130
Dibromomethane	25.0	26.8		ug/L		107	70 - 130
Dichlorodifluoromethane	25.0	19.8		ug/L		79	34 - 132
1,1-Dichloroethane	25.0	25.2		ug/L		101	70 - 130
1,2-Dichloroethane	25.0	28.0		ug/L		112	61 - 132
1,1-Dichloroethene	25.0	21.7		ug/L		87	64 - 128
cis-1,2-Dichloroethene	25.0	26.3		ug/L		105	70 - 130

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

Lab Sample ID: LCS 720-137421/6
Matrix: Water
Analysis Batch: 137421

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	24.2		ug/L		97	68 - 130
1,2-Dichloropropane	25.0	25.2		ug/L		101	70 - 130
cis-1,3-Dichloropropene	25.0	28.5		ug/L		114	70 - 130
trans-1,3-Dichloropropene	25.0	28.3		ug/L		113	70 - 140
Ethylbenzene	25.0	24.4		ug/L		97	80 - 120
Hexachlorobutadiene	25.0	25.8		ug/L		103	70 - 130
2-Hexanone	125	96.9		ug/L		77	60 - 164
Isopropylbenzene	25.0	25.5		ug/L		102	70 - 130
4-Isopropyltoluene	25.0	25.6		ug/L		102	70 - 130
Methylene Chloride	25.0	23.9		ug/L		96	70 - 147
4-Methyl-2-pentanone (MIBK)	125	103		ug/L		82	58 - 130
Naphthalene	25.0	22.2		ug/L		89	70 - 130
N-Propylbenzene	25.0	25.9		ug/L		103	70 - 130
Styrene	25.0	25.0		ug/L		100	70 - 130
1,1,1,2-Tetrachloroethane	25.0	28.6		ug/L		114	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	70 - 130
Tetrachloroethene	25.0	28.2		ug/L		113	70 - 130
Toluene	25.0	24.0		ug/L		96	78 - 120
1,2,3-Trichlorobenzene	25.0	24.7		ug/L		99	70 - 130
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	70 - 130
1,1,1-Trichloroethane	25.0	29.6		ug/L		119	70 - 130
1,1,2-Trichloroethane	25.0	25.3		ug/L		101	70 - 130
Trichloroethene	25.0	26.1		ug/L		104	70 - 130
Trichlorofluoromethane	25.0	27.5		ug/L		110	66 - 132
1,2,3-Trichloropropane	25.0	25.0		ug/L		100	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.3		ug/L		109	42 - 162
1,2,4-Trimethylbenzene	25.0	25.4		ug/L		102	70 - 132
1,3,5-Trimethylbenzene	25.0	25.6		ug/L		103	70 - 130
Vinyl acetate	25.0	24.9		ug/L		100	43 - 163
Vinyl chloride	25.0	22.4		ug/L		90	54 - 135
m-Xylene & p-Xylene	50.0	50.2		ug/L		100	70 - 142
o-Xylene	25.0	25.6		ug/L		102	70 - 130
2,2-Dichloropropane	25.0	34.5		ug/L		138	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCS 720-137421/8
Matrix: Water
Analysis Batch: 137421

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	485		ug/L		97	62 - 120

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

Lab Sample ID: LCS 720-137421/8
Matrix: Water
Analysis Batch: 137421

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 720-137421/7
Matrix: Water
Analysis Batch: 137421

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	26.9		ug/L		108	62 - 130	8	20
Acetone	125	109		ug/L		87	26 - 180	15	30
Benzene	25.0	23.7		ug/L		95	79 - 130	0	20
Dichlorobromomethane	25.0	29.4		ug/L		118	70 - 130	3	20
Bromobenzene	25.0	26.0		ug/L		104	70 - 130	1	20
Chlorobromomethane	25.0	27.7		ug/L		111	70 - 130	2	20
Bromoform	25.0	29.6		ug/L		119	68 - 136	10	20
Bromomethane	25.0	26.8		ug/L		107	43 - 151	4	20
2-Butanone (MEK)	125	119		ug/L		95	54 - 130	17	20
n-Butylbenzene	25.0	23.8		ug/L		95	70 - 142	4	20
sec-Butylbenzene	25.0	24.5		ug/L		98	70 - 134	3	20
tert-Butylbenzene	25.0	25.1		ug/L		100	70 - 135	3	20
Carbon disulfide	25.0	21.1		ug/L		84	58 - 130	2	20
Carbon tetrachloride	25.0	31.1		ug/L		124	70 - 146	0	20
Chlorobenzene	25.0	26.1		ug/L		104	70 - 130	0	20
Chloroethane	25.0	24.4		ug/L		98	62 - 138	3	20
Chloroform	25.0	27.2		ug/L		109	70 - 130	0	20
Chloromethane	25.0	19.6		ug/L		78	52 - 175	0	20
2-Chlorotoluene	25.0	25.6		ug/L		103	70 - 130	1	20
4-Chlorotoluene	25.0	24.9		ug/L		100	70 - 130	2	20
Chlorodibromomethane	25.0	29.7		ug/L		119	70 - 145	6	20
1,2-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130	0	20
1,3-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130	2	20
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130	0	20
1,3-Dichloropropane	25.0	28.1		ug/L		112	70 - 130	6	20
1,1-Dichloropropene	25.0	26.9		ug/L		108	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	26.2		ug/L		105	70 - 136	6	20
Ethylene Dibromide	25.0	28.8		ug/L		115	70 - 130	6	20
Dibromomethane	25.0	27.6		ug/L		111	70 - 130	3	20
Dichlorodifluoromethane	25.0	19.7		ug/L		79	34 - 132	1	20
1,1-Dichloroethane	25.0	25.3		ug/L		101	70 - 130	0	20
1,2-Dichloroethane	25.0	28.9		ug/L		116	61 - 132	3	20
1,1-Dichloroethene	25.0	21.6		ug/L		87	64 - 128	0	20
cis-1,2-Dichloroethene	25.0	26.3		ug/L		105	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	68 - 130	0	20
1,2-Dichloropropane	25.0	25.4		ug/L		102	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	29.0		ug/L		116	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	29.4		ug/L		118	70 - 140	4	20
Ethylbenzene	25.0	24.4		ug/L		98	80 - 120	0	20

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

Lab Sample ID: LCSD 720-137421/7
Matrix: Water
Analysis Batch: 137421

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	25.0	24.6		ug/L		99	70 - 130	5	20
2-Hexanone	125	115		ug/L		92	60 - 164	18	20
Isopropylbenzene	25.0	25.5		ug/L		102	70 - 130	0	20
4-Isopropyltoluene	25.0	24.9		ug/L		100	70 - 130	3	20
Methylene Chloride	25.0	24.2		ug/L		97	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		94	58 - 130	13	20
Naphthalene	25.0	23.0		ug/L		92	70 - 130	3	20
N-Propylbenzene	25.0	25.4		ug/L		101	70 - 130	2	20
Styrene	25.0	25.5		ug/L		102	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	29.2		ug/L		117	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	25.2		ug/L		101	70 - 130	8	20
Tetrachloroethene	25.0	27.4		ug/L		110	70 - 130	3	20
Toluene	25.0	23.9		ug/L		95	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	24.6		ug/L		98	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	70 - 130	3	20
1,1,1-Trichloroethane	25.0	29.7		ug/L		119	70 - 130	0	20
1,1,2-Trichloroethane	25.0	26.7		ug/L		107	70 - 130	6	20
Trichloroethene	25.0	25.8		ug/L		103	70 - 130	1	20
Trichlorofluoromethane	25.0	27.3		ug/L		109	66 - 132	1	20
1,2,3-Trichloropropane	25.0	27.4		ug/L		110	70 - 130	9	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.9		ug/L		108	42 - 162	2	20
1,2,4-Trimethylbenzene	25.0	24.9		ug/L		100	70 - 132	2	20
1,3,5-Trimethylbenzene	25.0	25.0		ug/L		100	70 - 130	3	20
Vinyl acetate	25.0	27.3		ug/L		109	43 - 163	9	20
Vinyl chloride	25.0	22.8		ug/L		91	54 - 135	1	20
m-Xylene & p-Xylene	50.0	50.3		ug/L		101	70 - 142	0	20
o-Xylene	25.0	25.9		ug/L		104	70 - 130	1	20
2,2-Dichloropropane	25.0	34.2		ug/L		137	70 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 138*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 720-137421/9
Matrix: Water
Analysis Batch: 137421

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	466		ug/L		93	62 - 120	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 138*
Toluene-d8 (Surr)	*102*		*70 - 130*

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

Lab Sample ID: 720-49978-B-15 MS
Matrix: Water
Analysis Batch: 137421

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	3.5		25.0	33.6		ug/L		120	60 - 138
Acetone	ND		125	115		ug/L		79	60 - 140
Benzene	48		25.0	81.2		ug/L		132	60 - 140
Dichlorobromomethane	ND		25.0	33.1		ug/L		132	60 - 140
Bromobenzene	ND		25.0	27.6		ug/L		110	60 - 140
Chlorobromomethane	ND		25.0	30.7		ug/L		123	60 - 140
Bromoform	ND		25.0	29.9		ug/L		120	56 - 140
Bromomethane	ND		25.0	26.8		ug/L		107	23 - 140
2-Butanone (MEK)	ND		125	114		ug/L		92	60 - 140
n-Butylbenzene	3.4		25.0	29.6		ug/L		105	60 - 140
sec-Butylbenzene	2.9		25.0	29.7		ug/L		107	60 - 140
tert-Butylbenzene	ND		25.0	27.6		ug/L		109	60 - 140
Carbon disulfide	ND		25.0	24.5		ug/L		98	38 - 140
Carbon tetrachloride	ND		25.0	32.4		ug/L		130	60 - 140
Chlorobenzene	ND		25.0	28.5		ug/L		114	60 - 140
Chloroethane	ND		25.0	26.1		ug/L		104	51 - 140
Chloroform	ND		25.0	30.0		ug/L		120	60 - 140
Chloromethane	ND		25.0	19.2		ug/L		77	52 - 140
2-Chlorotoluene	ND		25.0	28.0		ug/L		112	60 - 140
4-Chlorotoluene	ND		25.0	27.7		ug/L		111	60 - 140
Chlorodibromomethane	ND		25.0	32.2		ug/L		129	60 - 140
1,2-Dichlorobenzene	ND		25.0	27.0		ug/L		108	60 - 140
1,3-Dichlorobenzene	ND		25.0	28.5		ug/L		114	60 - 140
1,4-Dichlorobenzene	ND		25.0	27.9		ug/L		111	60 - 140
1,3-Dichloropropane	ND		25.0	30.2		ug/L		121	60 - 140
1,1-Dichloropropene	ND		25.0	29.4		ug/L		118	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	27.5		ug/L		110	60 - 140
Ethylene Dibromide	ND		25.0	31.1		ug/L		125	60 - 140
Dibromomethane	ND		25.0	30.6		ug/L		122	60 - 140
Dichlorodifluoromethane	ND		25.0	20.7		ug/L		83	38 - 140
1,1-Dichloroethane	ND		25.0	28.4		ug/L		114	60 - 140
1,2-Dichloroethane	ND		25.0	31.8		ug/L		127	60 - 140
1,1-Dichloroethene	ND		25.0	23.4		ug/L		94	60 - 140
cis-1,2-Dichloroethene	ND		25.0	30.0		ug/L		120	60 - 140
trans-1,2-Dichloroethene	ND		25.0	26.4		ug/L		105	60 - 140
1,2-Dichloropropane	ND		25.0	29.4		ug/L		117	60 - 140
cis-1,3-Dichloropropene	ND		25.0	32.3		ug/L		129	60 - 140
trans-1,3-Dichloropropene	ND		25.0	32.0		ug/L		128	60 - 140
Ethylbenzene	0.83		25.0	27.0		ug/L		105	60 - 140
Hexachlorobutadiene	ND		25.0	25.8		ug/L		103	60 - 140
2-Hexanone	ND		125	112		ug/L		89	60 - 140
Isopropylbenzene	19		25.0	47.0		ug/L		112	60 - 140
4-Isopropyltoluene	ND		25.0	27.5		ug/L		109	60 - 140
Methylene Chloride	ND		25.0	26.8		ug/L		107	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	116		ug/L		93	58 - 130
Naphthalene	ND		25.0	23.7		ug/L		93	56 - 140
N-Propylbenzene	29		25.0	59.1		ug/L		121	60 - 140
Styrene	ND		25.0	27.3		ug/L		109	60 - 140

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

Lab Sample ID: 720-49978-B-15 MS
Matrix: Water
Analysis Batch: 137421

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	32.1		ug/L		128	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	25.8		ug/L		103	60 - 140
Tetrachloroethene	ND		25.0	30.3		ug/L		121	60 - 140
Toluene	3.5		25.0	29.3		ug/L		103	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	25.7		ug/L		103	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.9		ug/L		108	60 - 140
1,1,1-Trichloroethane	ND		25.0	31.5		ug/L		126	60 - 140
1,1,2-Trichloroethane	ND		25.0	30.9		ug/L		123	60 - 140
Trichloroethene	ND		25.0	28.4		ug/L		114	60 - 140
Trichlorofluoromethane	ND		25.0	28.8		ug/L		115	60 - 140
1,2,3-Trichloropropane	ND		25.0	27.0		ug/L		108	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.6		ug/L		114	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	27.7		ug/L		109	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	27.8		ug/L		110	60 - 140
Vinyl acetate	ND		25.0	34.2		ug/L		137	40 - 140
Vinyl chloride	ND		25.0	24.4		ug/L		98	58 - 140
m-Xylene & p-Xylene	2.3		50.0	56.4		ug/L		108	60 - 140
o-Xylene	0.65		25.0	28.5		ug/L		111	60 - 140
2,2-Dichloropropane	ND		25.0	35.9	F	ug/L		144	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 138*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 720-49978-B-15 MSD
Matrix: Water
Analysis Batch: 137421

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	3.5		25.0	32.9		ug/L		118	60 - 138	2	20
Acetone	ND		125	118		ug/L		81	60 - 140	2	20
Benzene	48		25.0	79.7		ug/L		126	60 - 140	2	20
Dichlorobromomethane	ND		25.0	32.5		ug/L		130	60 - 140	2	20
Bromobenzene	ND		25.0	27.0		ug/L		108	60 - 140	2	20
Chlorobromomethane	ND		25.0	29.7		ug/L		119	60 - 140	3	20
Bromoform	ND		25.0	31.0		ug/L		124	56 - 140	4	20
Bromomethane	ND		25.0	25.8		ug/L		103	23 - 140	4	20
2-Butanone (MEK)	ND		125	112		ug/L		90	60 - 140	2	20
n-Butylbenzene	3.4		25.0	28.6		ug/L		101	60 - 140	3	20
sec-Butylbenzene	2.9		25.0	29.0		ug/L		104	60 - 140	3	20
tert-Butylbenzene	ND		25.0	26.9		ug/L		106	60 - 140	2	20
Carbon disulfide	ND		25.0	23.5		ug/L		94	38 - 140	4	20
Carbon tetrachloride	ND		25.0	31.6		ug/L		126	60 - 140	3	20
Chlorobenzene	ND		25.0	27.4		ug/L		110	60 - 140	4	20
Chloroethane	ND		25.0	26.3		ug/L		105	51 - 140	1	20
Chloroform	ND		25.0	29.3		ug/L		117	60 - 140	2	20

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

Lab Sample ID: 720-49978-B-15 MSD
Matrix: Water
Analysis Batch: 137421

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	ND		25.0	18.9		ug/L		76	52 - 140	2	20
2-Chlorotoluene	ND		25.0	27.1		ug/L		108	60 - 140	3	20
4-Chlorotoluene	ND		25.0	26.8		ug/L		107	60 - 140	3	20
Chlorodibromomethane	ND		25.0	32.0		ug/L		128	60 - 140	1	20
1,2-Dichlorobenzene	ND		25.0	26.6		ug/L		106	60 - 140	2	20
1,3-Dichlorobenzene	ND		25.0	27.2		ug/L		109	60 - 140	5	20
1,4-Dichlorobenzene	ND		25.0	26.9		ug/L		108	60 - 140	3	20
1,3-Dichloropropane	ND		25.0	29.6		ug/L		119	60 - 140	2	20
1,1-Dichloropropene	ND		25.0	28.4		ug/L		113	60 - 140	4	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.7		ug/L		103	60 - 140	7	20
Ethylene Dibromide	ND		25.0	30.6		ug/L		122	60 - 140	2	20
Dibromomethane	ND		25.0	29.9		ug/L		120	60 - 140	2	20
Dichlorodifluoromethane	ND		25.0	21.0		ug/L		84	38 - 140	1	20
1,1-Dichloroethane	ND		25.0	27.5		ug/L		110	60 - 140	4	20
1,2-Dichloroethane	ND		25.0	31.2		ug/L		125	60 - 140	2	20
1,1-Dichloroethene	ND		25.0	22.9		ug/L		92	60 - 140	2	20
cis-1,2-Dichloroethene	ND		25.0	28.7		ug/L		115	60 - 140	4	20
trans-1,2-Dichloroethene	ND		25.0	25.3		ug/L		101	60 - 140	4	20
1,2-Dichloropropane	ND		25.0	28.4		ug/L		114	60 - 140	3	20
cis-1,3-Dichloropropene	ND		25.0	31.9		ug/L		128	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	31.5		ug/L		126	60 - 140	2	20
Ethylbenzene	0.83		25.0	26.5		ug/L		103	60 - 140	2	20
Hexachlorobutadiene	ND		25.0	25.0		ug/L		100	60 - 140	3	20
2-Hexanone	ND		125	110		ug/L		88	60 - 140	1	20
Isopropylbenzene	19		25.0	46.4		ug/L		109	60 - 140	1	20
4-Isopropyltoluene	ND		25.0	26.4		ug/L		105	60 - 140	4	20
Methylene Chloride	ND		25.0	26.3		ug/L		105	40 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		125	115		ug/L		92	58 - 130	1	20
Naphthalene	ND		25.0	23.1		ug/L		91	56 - 140	3	20
N-Propylbenzene	29		25.0	57.9		ug/L		116	60 - 140	2	20
Styrene	ND		25.0	26.7		ug/L		107	60 - 140	2	20
1,1,1,2-Tetrachloroethane	ND		25.0	30.7		ug/L		123	60 - 140	4	20
1,1,2,2-Tetrachloroethane	ND		25.0	24.8		ug/L		99	60 - 140	4	20
Tetrachloroethene	ND		25.0	28.9		ug/L		116	60 - 140	5	20
Toluene	3.5		25.0	28.5		ug/L		100	60 - 140	3	20
1,2,3-Trichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140	3	20
1,2,4-Trichlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140	4	20
1,1,1-Trichloroethane	ND		25.0	30.3		ug/L		121	60 - 140	4	20
1,1,2-Trichloroethane	ND		25.0	30.3		ug/L		121	60 - 140	2	20
Trichloroethene	ND		25.0	27.5		ug/L		110	60 - 140	3	20
Trichlorofluoromethane	ND		25.0	28.4		ug/L		113	60 - 140	2	20
1,2,3-Trichloropropane	ND		25.0	26.4		ug/L		105	60 - 140	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.0		ug/L		112	60 - 140	2	20
1,2,4-Trimethylbenzene	ND		25.0	26.9		ug/L		106	60 - 140	3	20
1,3,5-Trimethylbenzene	ND		25.0	26.9		ug/L		107	60 - 140	3	20
Vinyl acetate	ND		25.0	31.3		ug/L		125	40 - 140	9	20
Vinyl chloride	ND		25.0	23.8		ug/L		95	58 - 140	3	20

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

Lab Sample ID: 720-49978-B-15 MSD
Matrix: Water
Analysis Batch: 137421

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	2.3		50.0	55.0		ug/L		105	60 - 140	3	20
o-Xylene	0.65		25.0	28.0		ug/L		109	60 - 140	2	20
2,2-Dichloropropane	ND		25.0	33.8		ug/L		135	60 - 140	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*111*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 720-137422/5
Matrix: Water
Analysis Batch: 137422

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			05/31/13 08:29	1
Acetone	ND		50		ug/L			05/31/13 08:29	1
Benzene	ND		0.50		ug/L			05/31/13 08:29	1
Dichlorobromomethane	ND		0.50		ug/L			05/31/13 08:29	1
Bromobenzene	ND		1.0		ug/L			05/31/13 08:29	1
Chlorobromomethane	ND		1.0		ug/L			05/31/13 08:29	1
Bromoform	ND		1.0		ug/L			05/31/13 08:29	1
Bromomethane	ND		1.0		ug/L			05/31/13 08:29	1
2-Butanone (MEK)	ND		50		ug/L			05/31/13 08:29	1
n-Butylbenzene	ND		1.0		ug/L			05/31/13 08:29	1
sec-Butylbenzene	ND		1.0		ug/L			05/31/13 08:29	1
tert-Butylbenzene	ND		1.0		ug/L			05/31/13 08:29	1
Carbon disulfide	ND		5.0		ug/L			05/31/13 08:29	1
Carbon tetrachloride	ND		0.50		ug/L			05/31/13 08:29	1
Chlorobenzene	ND		0.50		ug/L			05/31/13 08:29	1
Chloroethane	ND		1.0		ug/L			05/31/13 08:29	1
Chloroform	ND		1.0		ug/L			05/31/13 08:29	1
Chloromethane	ND		1.0		ug/L			05/31/13 08:29	1
2-Chlorotoluene	ND		0.50		ug/L			05/31/13 08:29	1
4-Chlorotoluene	ND		0.50		ug/L			05/31/13 08:29	1
Chlorodibromomethane	ND		0.50		ug/L			05/31/13 08:29	1
1,2-Dichlorobenzene	ND		0.50		ug/L			05/31/13 08:29	1
1,3-Dichlorobenzene	ND		0.50		ug/L			05/31/13 08:29	1
1,4-Dichlorobenzene	ND		0.50		ug/L			05/31/13 08:29	1
1,3-Dichloropropane	ND		1.0		ug/L			05/31/13 08:29	1
1,1-Dichloropropene	ND		0.50		ug/L			05/31/13 08:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			05/31/13 08:29	1
Ethylene Dibromide	ND		0.50		ug/L			05/31/13 08:29	1
Dibromomethane	ND		0.50		ug/L			05/31/13 08:29	1
Dichlorodifluoromethane	ND		0.50		ug/L			05/31/13 08:29	1
1,1-Dichloroethane	ND		0.50		ug/L			05/31/13 08:29	1
1,2-Dichloroethane	ND		0.50		ug/L			05/31/13 08:29	1
1,1-Dichloroethene	ND		0.50		ug/L			05/31/13 08:29	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 08:29	1

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

Lab Sample ID: MB 720-137422/5
Matrix: Water
Analysis Batch: 137422

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50		ug/L			05/31/13 08:29	1
1,2-Dichloropropane	ND		0.50		ug/L			05/31/13 08:29	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 08:29	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			05/31/13 08:29	1
Ethylbenzene	ND		0.50		ug/L			05/31/13 08:29	1
Hexachlorobutadiene	ND		1.0		ug/L			05/31/13 08:29	1
2-Hexanone	ND		50		ug/L			05/31/13 08:29	1
Isopropylbenzene	ND		0.50		ug/L			05/31/13 08:29	1
4-Isopropyltoluene	ND		1.0		ug/L			05/31/13 08:29	1
Methylene Chloride	ND		5.0		ug/L			05/31/13 08:29	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			05/31/13 08:29	1
Naphthalene	ND		1.0		ug/L			05/31/13 08:29	1
N-Propylbenzene	ND		1.0		ug/L			05/31/13 08:29	1
Styrene	ND		0.50		ug/L			05/31/13 08:29	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 08:29	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			05/31/13 08:29	1
Tetrachloroethene	ND		0.50		ug/L			05/31/13 08:29	1
Toluene	ND		0.50		ug/L			05/31/13 08:29	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			05/31/13 08:29	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			05/31/13 08:29	1
1,1,1-Trichloroethane	ND		0.50		ug/L			05/31/13 08:29	1
1,1,2-Trichloroethane	ND		0.50		ug/L			05/31/13 08:29	1
Trichloroethene	ND		0.50		ug/L			05/31/13 08:29	1
Trichlorofluoromethane	ND		1.0		ug/L			05/31/13 08:29	1
1,2,3-Trichloropropane	ND		0.50		ug/L			05/31/13 08:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			05/31/13 08:29	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/31/13 08:29	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/31/13 08:29	1
Vinyl acetate	ND		10		ug/L			05/31/13 08:29	1
Vinyl chloride	ND		0.50		ug/L			05/31/13 08:29	1
Xylenes, Total	ND		1.0		ug/L			05/31/13 08:29	1
2,2-Dichloropropane	ND		0.50		ug/L			05/31/13 08:29	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/31/13 08:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 130*		*05/31/13 08:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 138*		*05/31/13 08:29*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*05/31/13 08:29*	*1*

Lab Sample ID: LCS 720-137422/6
Matrix: Water
Analysis Batch: 137422

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	25.6		ug/L		103	62 - 130
Acetone	125	100		ug/L		80	26 - 180
Benzene	25.0	24.4		ug/L		98	79 - 130

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

Lab Sample ID: LCS 720-137422/6
Matrix: Water
Analysis Batch: 137422

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	25.0	25.9		ug/L		103	70 - 130
Bromobenzene	25.0	26.7		ug/L		107	70 - 130
Chlorobromomethane	25.0	29.0		ug/L		116	70 - 130
Bromoform	25.0	30.3		ug/L		121	68 - 136
Bromomethane	25.0	24.9		ug/L		100	43 - 151
2-Butanone (MEK)	125	114		ug/L		92	54 - 130
n-Butylbenzene	25.0	23.8		ug/L		95	70 - 142
sec-Butylbenzene	25.0	24.7		ug/L		99	70 - 134
tert-Butylbenzene	25.0	25.3		ug/L		101	70 - 135
Carbon disulfide	25.0	22.0		ug/L		88	58 - 130
Carbon tetrachloride	25.0	26.3		ug/L		105	70 - 146
Chlorobenzene	25.0	26.2		ug/L		105	70 - 130
Chloroethane	25.0	22.6		ug/L		90	62 - 138
Chloroform	25.0	25.2		ug/L		101	70 - 130
Chloromethane	25.0	17.9		ug/L		72	52 - 175
2-Chlorotoluene	25.0	24.8		ug/L		99	70 - 130
4-Chlorotoluene	25.0	24.4		ug/L		98	70 - 130
Chlorodibromomethane	25.0	28.5		ug/L		114	70 - 145
1,2-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	70 - 130
1,4-Dichlorobenzene	25.0	26.4		ug/L		106	70 - 130
1,3-Dichloropropane	25.0	25.3		ug/L		101	70 - 130
1,1-Dichloropropene	25.0	25.8		ug/L		103	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	22.0		ug/L		88	70 - 136
Ethylene Dibromide	25.0	27.8		ug/L		111	70 - 130
Dibromomethane	25.0	26.2		ug/L		105	70 - 130
Dichlorodifluoromethane	25.0	16.5		ug/L		66	34 - 132
1,1-Dichloroethane	25.0	23.5		ug/L		94	70 - 130
1,2-Dichloroethane	25.0	23.3		ug/L		93	61 - 132
1,1-Dichloroethene	25.0	22.9		ug/L		92	64 - 128
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	70 - 130
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	68 - 130
1,2-Dichloropropane	25.0	24.0		ug/L		96	70 - 130
cis-1,3-Dichloropropene	25.0	27.2		ug/L		109	70 - 130
trans-1,3-Dichloropropene	25.0	26.1		ug/L		104	70 - 140
Ethylbenzene	25.0	24.6		ug/L		98	80 - 120
Hexachlorobutadiene	25.0	22.9		ug/L		92	70 - 130
2-Hexanone	125	102		ug/L		82	60 - 164
Isopropylbenzene	25.0	27.0		ug/L		108	70 - 130
4-Isopropyltoluene	25.0	24.4		ug/L		98	70 - 130
Methylene Chloride	25.0	23.3		ug/L		93	70 - 147
4-Methyl-2-pentanone (MIBK)	125	105		ug/L		84	58 - 130
Naphthalene	25.0	19.8		ug/L		79	70 - 130
N-Propylbenzene	25.0	25.4		ug/L		102	70 - 130
Styrene	25.0	26.2		ug/L		105	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.7		ug/L		111	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	70 - 130
Tetrachloroethene	25.0	29.3		ug/L		117	70 - 130

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

Lab Sample ID: LCS 720-137422/6
Matrix: Water
Analysis Batch: 137422

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	25.0	24.7		ug/L		99	78 - 120
1,2,3-Trichlorobenzene	25.0	20.8		ug/L		83	70 - 130
1,2,4-Trichlorobenzene	25.0	23.1		ug/L		93	70 - 130
1,1,1-Trichloroethane	25.0	27.0		ug/L		108	70 - 130
1,1,2-Trichloroethane	25.0	26.4		ug/L		105	70 - 130
Trichloroethene	25.0	27.7		ug/L		111	70 - 130
Trichlorofluoromethane	25.0	23.6		ug/L		94	66 - 132
1,2,3-Trichloropropane	25.0	24.8		ug/L		99	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.6		ug/L		119	42 - 162
1,2,4-Trimethylbenzene	25.0	24.5		ug/L		98	70 - 132
1,3,5-Trimethylbenzene	25.0	24.9		ug/L		99	70 - 130
Vinyl acetate	25.0	28.2		ug/L		113	43 - 163
Vinyl chloride	25.0	19.3		ug/L		77	54 - 135
m-Xylene & p-Xylene	50.0	50.4		ug/L		101	70 - 142
o-Xylene	25.0	26.0		ug/L		104	70 - 130
2,2-Dichloropropane	25.0	29.5		ug/L		118	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 138*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCS 720-137422/8
Matrix: Water
Analysis Batch: 137422

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	440		ug/L		88	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 138*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-137422/7
Matrix: Water
Analysis Batch: 137422

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	25.6		ug/L		102	62 - 130	0	20
Acetone	125	99.1		ug/L		79	26 - 180	1	30
Benzene	25.0	24.6		ug/L		98	79 - 130	1	20
Dichlorobromomethane	25.0	26.3		ug/L		105	70 - 130	2	20
Bromobenzene	25.0	27.3		ug/L		109	70 - 130	2	20
Chlorobromomethane	25.0	29.1		ug/L		116	70 - 130	0	20
Bromoform	25.0	29.7		ug/L		119	68 - 136	2	20

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

Lab Sample ID: LCSD 720-137422/7
Matrix: Water
Analysis Batch: 137422

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
Bromomethane	25.0	25.1		ug/L		100	43 - 151	1	20
2-Butanone (MEK)	125	111		ug/L		88	54 - 130	3	20
n-Butylbenzene	25.0	24.0		ug/L		96	70 - 142	1	20
sec-Butylbenzene	25.0	25.1		ug/L		100	70 - 134	2	20
tert-Butylbenzene	25.0	25.8		ug/L		103	70 - 135	2	20
Carbon disulfide	25.0	22.1		ug/L		88	58 - 130	1	20
Carbon tetrachloride	25.0	26.6		ug/L		106	70 - 146	1	20
Chlorobenzene	25.0	26.5		ug/L		106	70 - 130	1	20
Chloroethane	25.0	22.7		ug/L		91	62 - 138	1	20
Chloroform	25.0	25.6		ug/L		102	70 - 130	2	20
Chloromethane	25.0	18.0		ug/L		72	52 - 175	0	20
2-Chlorotoluene	25.0	25.3		ug/L		101	70 - 130	2	20
4-Chlorotoluene	25.0	24.8		ug/L		99	70 - 130	2	20
Chlorodibromomethane	25.0	28.9		ug/L		116	70 - 145	2	20
1,2-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130	0	20
1,3-Dichlorobenzene	25.0	26.7		ug/L		107	70 - 130	1	20
1,4-Dichlorobenzene	25.0	26.6		ug/L		107	70 - 130	1	20
1,3-Dichloropropane	25.0	25.3		ug/L		101	70 - 130	0	20
1,1-Dichloropropene	25.0	26.4		ug/L		106	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	21.7		ug/L		87	70 - 136	1	20
Ethylene Dibromide	25.0	27.7		ug/L		111	70 - 130	1	20
Dibromomethane	25.0	26.1		ug/L		105	70 - 130	0	20
Dichlorodifluoromethane	25.0	16.4		ug/L		66	34 - 132	0	20
1,1-Dichloroethane	25.0	23.7		ug/L		95	70 - 130	1	20
1,2-Dichloroethane	25.0	23.4		ug/L		94	61 - 132	0	20
1,1-Dichloroethene	25.0	23.2		ug/L		93	64 - 128	2	20
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	70 - 130	2	20
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	68 - 130	0	20
1,2-Dichloropropane	25.0	24.1		ug/L		97	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	27.7		ug/L		111	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	26.1		ug/L		105	70 - 140	0	20
Ethylbenzene	25.0	24.9		ug/L		100	80 - 120	1	20
Hexachlorobutadiene	25.0	22.7		ug/L		91	70 - 130	1	20
2-Hexanone	125	101		ug/L		80	60 - 164	2	20
Isopropylbenzene	25.0	27.2		ug/L		109	70 - 130	1	20
4-Isopropyltoluene	25.0	24.7		ug/L		99	70 - 130	1	20
Methylene Chloride	25.0	23.5		ug/L		94	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	103		ug/L		83	58 - 130	2	20
Naphthalene	25.0	19.2		ug/L		77	70 - 130	3	20
N-Propylbenzene	25.0	26.2		ug/L		105	70 - 130	3	20
Styrene	25.0	26.4		ug/L		106	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	28.0		ug/L		112	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	23.8		ug/L		95	70 - 130	1	20
Tetrachloroethene	25.0	29.9		ug/L		120	70 - 130	2	20
Toluene	25.0	25.0		ug/L		100	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	20.5		ug/L		82	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	23.0		ug/L		92	70 - 130	1	20
1,1,1-Trichloroethane	25.0	27.2		ug/L		109	70 - 130	1	20

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

Lab Sample ID: LCSD 720-137422/7
Matrix: Water
Analysis Batch: 137422

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
1,1,2-Trichloroethane	25.0	26.4		ug/L		105	70 - 130	0	20
Trichloroethene	25.0	28.3		ug/L		113	70 - 130	2	20
Trichlorofluoromethane	25.0	23.5		ug/L		94	66 - 132	1	20
1,2,3-Trichloropropane	25.0	24.9		ug/L		100	70 - 130	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.7		ug/L		119	42 - 162	0	20
1,2,4-Trimethylbenzene	25.0	24.7		ug/L		99	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	25.2		ug/L		101	70 - 130	2	20
Vinyl acetate	25.0	27.1		ug/L		109	43 - 163	4	20
Vinyl chloride	25.0	19.4		ug/L		78	54 - 135	1	20
m-Xylene & p-Xylene	50.0	50.9		ug/L		102	70 - 142	1	20
o-Xylene	25.0	26.2		ug/L		105	70 - 130	1	20
2,2-Dichloropropane	25.0	29.9		ug/L		120	70 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 138*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-137422/9
Matrix: Water
Analysis Batch: 137422

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	433		ug/L		87	62 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 138*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 720-49978-B-2 MS
Matrix: Water
Analysis Batch: 137422

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	30.8		ug/L		122	60 - 138
Acetone	ND		125	99.8		ug/L		80	60 - 140
Benzene	ND		25.0	26.9		ug/L		108	60 - 140
Dichlorobromomethane	ND		25.0	30.4		ug/L		122	60 - 140
Bromobenzene	ND		25.0	28.0		ug/L		112	60 - 140
Chlorobromomethane	ND		25.0	33.9		ug/L		136	60 - 140
Bromoform	ND		25.0	32.9		ug/L		132	56 - 140
Bromomethane	ND		25.0	29.5		ug/L		118	23 - 140
2-Butanone (MEK)	ND		125	126		ug/L		101	60 - 140
n-Butylbenzene	ND		25.0	23.5		ug/L		90	60 - 140
sec-Butylbenzene	1.1		25.0	24.5		ug/L		93	60 - 140

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

Lab Sample ID: 720-49978-B-2 MS
Matrix: Water
Analysis Batch: 137422

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
tert-Butylbenzene	ND		25.0	25.5		ug/L		98	60 - 140
Carbon disulfide	ND		25.0	24.9		ug/L		100	38 - 140
Carbon tetrachloride	ND		25.0	27.3		ug/L		109	60 - 140
Chlorobenzene	ND		25.0	28.0		ug/L		112	60 - 140
Chloroethane	ND		25.0	26.8		ug/L		107	51 - 140
Chloroform	ND		25.0	28.6		ug/L		114	60 - 140
Chloromethane	ND		25.0	20.2		ug/L		81	52 - 140
2-Chlorotoluene	ND		25.0	25.2		ug/L		99	60 - 140
4-Chlorotoluene	0.51		25.0	24.9		ug/L		98	60 - 140
Chlorodibromomethane	ND		25.0	34.0		ug/L		136	60 - 140
1,2-Dichlorobenzene	ND		25.0	26.7		ug/L		106	60 - 140
1,3-Dichlorobenzene	ND		25.0	27.7		ug/L		109	60 - 140
1,4-Dichlorobenzene	ND		25.0	27.8		ug/L		109	60 - 140
1,3-Dichloropropane	ND		25.0	30.0		ug/L		120	60 - 140
1,1-Dichloropropene	ND		25.0	26.7		ug/L		107	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	22.0		ug/L		88	60 - 140
Ethylene Dibromide	ND		25.0	32.9		ug/L		132	60 - 140
Dibromomethane	ND		25.0	31.1		ug/L		124	60 - 140
Dichlorodifluoromethane	ND		25.0	19.4		ug/L		78	38 - 140
1,1-Dichloroethane	ND		25.0	25.7		ug/L		103	60 - 140
1,2-Dichloroethane	ND		25.0	27.3		ug/L		109	60 - 140
1,1-Dichloroethene	ND		25.0	24.1		ug/L		96	60 - 140
cis-1,2-Dichloroethene	ND		25.0	27.5		ug/L		110	60 - 140
trans-1,2-Dichloroethene	ND		25.0	26.0		ug/L		104	60 - 140
1,2-Dichloropropane	ND		25.0	28.0		ug/L		112	60 - 140
cis-1,3-Dichloropropene	ND		25.0	32.0		ug/L		128	60 - 140
trans-1,3-Dichloropropene	ND		25.0	30.6		ug/L		122	60 - 140
Ethylbenzene	ND		25.0	25.4		ug/L		100	60 - 140
Hexachlorobutadiene	1.0		25.0	22.2		ug/L		85	60 - 140
2-Hexanone	ND		125	117		ug/L		94	60 - 140
Isopropylbenzene	0.87		25.0	28.0		ug/L		108	60 - 140
4-Isopropyltoluene	1.0		25.0	24.6		ug/L		94	60 - 140
Methylene Chloride	ND		25.0	27.3		ug/L		109	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	123		ug/L		98	58 - 130
Naphthalene	ND		25.0	20.2		ug/L		80	56 - 140
N-Propylbenzene	1.0		25.0	24.9		ug/L		96	60 - 140
Styrene	ND		25.0	ND	F	ug/L		0.6	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	30.4		ug/L		122	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	24.5		ug/L		98	60 - 140
Tetrachloroethene	0.73		25.0	32.3		ug/L		126	60 - 140
Toluene	ND		25.0	25.4		ug/L		102	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	21.8		ug/L		86	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	24.6		ug/L		97	60 - 140
1,1,1-Trichloroethane	ND		25.0	28.3		ug/L		113	60 - 140
1,1,2-Trichloroethane	ND		25.0	31.3		ug/L		125	60 - 140
Trichloroethene	ND		25.0	29.7		ug/L		119	60 - 140
Trichlorofluoromethane	ND		25.0	26.8		ug/L		107	60 - 140
1,2,3-Trichloropropane	ND		25.0	25.4		ug/L		102	60 - 140

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

Lab Sample ID: 720-49978-B-2 MS
Matrix: Water
Analysis Batch: 137422

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	30.9		ug/L		124	60 - 140
1,2,4-Trimethylbenzene	0.78		25.0	25.2		ug/L		98	60 - 140
1,3,5-Trimethylbenzene	0.92		25.0	25.0		ug/L		96	60 - 140
Vinyl acetate	ND		25.0	ND	F	ug/L		0	40 - 140
Vinyl chloride	ND		25.0	22.2		ug/L		89	58 - 140
m-Xylene & p-Xylene	ND		50.0	52.5		ug/L		103	60 - 140
o-Xylene	ND		25.0	27.7		ug/L		109	60 - 140
2,2-Dichloropropane	ND		25.0	29.5		ug/L		118	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 720-49978-B-2 MSD
Matrix: Water
Analysis Batch: 137422

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	29.5		ug/L		117	60 - 138	4	20
Acetone	ND		125	93.9		ug/L		75	60 - 140	6	20
Benzene	ND		25.0	26.1		ug/L		104	60 - 140	3	20
Dichlorobromomethane	ND		25.0	28.8		ug/L		115	60 - 140	5	20
Bromobenzene	ND		25.0	28.0		ug/L		112	60 - 140	0	20
Chlorobromomethane	ND		25.0	32.6		ug/L		130	60 - 140	4	20
Bromoform	ND		25.0	32.2		ug/L		129	56 - 140	2	20
Bromomethane	ND		25.0	27.2		ug/L		109	23 - 140	8	20
2-Butanone (MEK)	ND		125	118		ug/L		95	60 - 140	6	20
n-Butylbenzene	ND		25.0	23.1		ug/L		88	60 - 140	2	20
sec-Butylbenzene	1.1		25.0	24.4		ug/L		93	60 - 140	0	20
tert-Butylbenzene	ND		25.0	25.4		ug/L		98	60 - 140	1	20
Carbon disulfide	ND		25.0	23.2		ug/L		93	38 - 140	7	20
Carbon tetrachloride	ND		25.0	26.5		ug/L		106	60 - 140	3	20
Chlorobenzene	ND		25.0	27.5		ug/L		110	60 - 140	2	20
Chloroethane	ND		25.0	24.9		ug/L		100	51 - 140	7	20
Chloroform	ND		25.0	27.6		ug/L		110	60 - 140	4	20
Chloromethane	ND		25.0	18.7		ug/L		75	52 - 140	8	20
2-Chlorotoluene	ND		25.0	25.1		ug/L		99	60 - 140	0	20
4-Chlorotoluene	0.51		25.0	24.9		ug/L		98	60 - 140	0	20
Chlorodibromomethane	ND		25.0	32.5		ug/L		130	60 - 140	4	20
1,2-Dichlorobenzene	ND		25.0	26.9		ug/L		106	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	27.7		ug/L		109	60 - 140	0	20
1,4-Dichlorobenzene	ND		25.0	27.5		ug/L		108	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	28.8		ug/L		115	60 - 140	4	20
1,1-Dichloropropene	ND		25.0	26.1		ug/L		104	60 - 140	2	20
1,2-Dibromo-3-Chloropropane	ND		25.0	21.9		ug/L		87	60 - 140	1	20
Ethylene Dibromide	ND		25.0	31.6		ug/L		126	60 - 140	4	20

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

Lab Sample ID: 720-49978-B-2 MSD
Matrix: Water
Analysis Batch: 137422

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
Dibromomethane	ND		25.0	29.3		ug/L		117	60 - 140	6	20
Dichlorodifluoromethane	ND		25.0	17.9		ug/L		72	38 - 140	8	20
1,1-Dichloroethane	ND		25.0	25.0		ug/L		100	60 - 140	3	20
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	60 - 140	4	20
1,1-Dichloroethene	ND		25.0	23.3		ug/L		93	60 - 140	3	20
cis-1,2-Dichloroethene	ND		25.0	26.2		ug/L		105	60 - 140	5	20
trans-1,2-Dichloroethene	ND		25.0	25.6		ug/L		102	60 - 140	2	20
1,2-Dichloropropane	ND		25.0	26.9		ug/L		107	60 - 140	4	20
cis-1,3-Dichloropropene	ND		25.0	30.6		ug/L		122	60 - 140	5	20
trans-1,3-Dichloropropene	ND		25.0	29.4		ug/L		118	60 - 140	4	20
Ethylbenzene	ND		25.0	25.1		ug/L		99	60 - 140	1	20
Hexachlorobutadiene	1.0		25.0	21.5		ug/L		82	60 - 140	3	20
2-Hexanone	ND		125	111		ug/L		89	60 - 140	6	20
Isopropylbenzene	0.87		25.0	27.6		ug/L		107	60 - 140	1	20
4-Isopropyltoluene	1.0		25.0	24.2		ug/L		93	60 - 140	1	20
Methylene Chloride	ND		25.0	25.8		ug/L		103	40 - 140	5	20
4-Methyl-2-pentanone (MIBK)	ND		125	116		ug/L		93	58 - 130	5	20
Naphthalene	ND		25.0	19.9		ug/L		78	56 - 140	2	20
N-Propylbenzene	1.0		25.0	25.0		ug/L		96	60 - 140	0	20
Styrene	ND		25.0	ND	F	ug/L		0.5	60 - 140	14	20
1,1,1,2-Tetrachloroethane	ND		25.0	29.7		ug/L		119	60 - 140	2	20
1,1,2,2-Tetrachloroethane	ND		25.0	24.5		ug/L		98	60 - 140	0	20
Tetrachloroethene	0.73		25.0	31.1		ug/L		122	60 - 140	4	20
Toluene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
1,2,3-Trichlorobenzene	ND		25.0	21.5		ug/L		85	60 - 140	2	20
1,2,4-Trichlorobenzene	ND		25.0	23.7		ug/L		93	60 - 140	4	20
1,1,1-Trichloroethane	ND		25.0	27.4		ug/L		109	60 - 140	3	20
1,1,2-Trichloroethane	ND		25.0	29.9		ug/L		119	60 - 140	5	20
Trichloroethene	ND		25.0	28.9		ug/L		116	60 - 140	3	20
Trichlorofluoromethane	ND		25.0	25.0		ug/L		100	60 - 140	7	20
1,2,3-Trichloropropane	ND		25.0	25.5		ug/L		102	60 - 140	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.9		ug/L		120	60 - 140	3	20
1,2,4-Trimethylbenzene	0.78		25.0	25.1		ug/L		97	60 - 140	0	20
1,3,5-Trimethylbenzene	0.92		25.0	24.8		ug/L		96	60 - 140	1	20
Vinyl acetate	ND		25.0	ND	F	ug/L		0	40 - 140	NC	20
Vinyl chloride	ND		25.0	20.5		ug/L		82	58 - 140	8	20
m-Xylene & p-Xylene	ND		50.0	51.4		ug/L		101	60 - 140	2	20
o-Xylene	ND		25.0	27.0		ug/L		107	60 - 140	2	20
2,2-Dichloropropane	ND		25.0	27.6		ug/L		110	60 - 140	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 138*
Toluene-d8 (Surr)	*103*		*70 - 130*

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

Lab Sample ID: MB 720-137513/6
Matrix: Water
Analysis Batch: 137513

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			06/03/13 08:56	1
Acetone	ND		50		ug/L			06/03/13 08:56	1
Benzene	ND		0.50		ug/L			06/03/13 08:56	1
Dichlorobromomethane	ND		0.50		ug/L			06/03/13 08:56	1
Bromobenzene	ND		1.0		ug/L			06/03/13 08:56	1
Chlorobromomethane	ND		1.0		ug/L			06/03/13 08:56	1
Bromoform	ND		1.0		ug/L			06/03/13 08:56	1
Bromomethane	ND		1.0		ug/L			06/03/13 08:56	1
2-Butanone (MEK)	ND		50		ug/L			06/03/13 08:56	1
n-Butylbenzene	ND		1.0		ug/L			06/03/13 08:56	1
sec-Butylbenzene	ND		1.0		ug/L			06/03/13 08:56	1
tert-Butylbenzene	ND		1.0		ug/L			06/03/13 08:56	1
Carbon disulfide	ND		5.0		ug/L			06/03/13 08:56	1
Carbon tetrachloride	ND		0.50		ug/L			06/03/13 08:56	1
Chlorobenzene	ND		0.50		ug/L			06/03/13 08:56	1
Chloroethane	ND		1.0		ug/L			06/03/13 08:56	1
Chloroform	ND		1.0		ug/L			06/03/13 08:56	1
Chloromethane	ND		1.0		ug/L			06/03/13 08:56	1
2-Chlorotoluene	ND		0.50		ug/L			06/03/13 08:56	1
4-Chlorotoluene	ND		0.50		ug/L			06/03/13 08:56	1
Chlorodibromomethane	ND		0.50		ug/L			06/03/13 08:56	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/03/13 08:56	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/03/13 08:56	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/03/13 08:56	1
1,3-Dichloropropane	ND		1.0		ug/L			06/03/13 08:56	1
1,1-Dichloropropene	ND		0.50		ug/L			06/03/13 08:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			06/03/13 08:56	1
Ethylene Dibromide	ND		0.50		ug/L			06/03/13 08:56	1
Dibromomethane	ND		0.50		ug/L			06/03/13 08:56	1
Dichlorodifluoromethane	ND		0.50		ug/L			06/03/13 08:56	1
1,1-Dichloroethane	ND		0.50		ug/L			06/03/13 08:56	1
1,2-Dichloroethane	ND		0.50		ug/L			06/03/13 08:56	1
1,1-Dichloroethene	ND		0.50		ug/L			06/03/13 08:56	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 08:56	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/03/13 08:56	1
1,2-Dichloropropane	ND		0.50		ug/L			06/03/13 08:56	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 08:56	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/03/13 08:56	1
Ethylbenzene	ND		0.50		ug/L			06/03/13 08:56	1
Hexachlorobutadiene	ND		1.0		ug/L			06/03/13 08:56	1
2-Hexanone	ND		50		ug/L			06/03/13 08:56	1
Isopropylbenzene	ND		0.50		ug/L			06/03/13 08:56	1
4-Isopropyltoluene	ND		1.0		ug/L			06/03/13 08:56	1
Methylene Chloride	ND		5.0		ug/L			06/03/13 08:56	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			06/03/13 08:56	1
Naphthalene	ND		1.0		ug/L			06/03/13 08:56	1
N-Propylbenzene	ND		1.0		ug/L			06/03/13 08:56	1
Styrene	ND		0.50		ug/L			06/03/13 08:56	1

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

Lab Sample ID: MB 720-137513/6
Matrix: Water
Analysis Batch: 137513

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			06/03/13 08:56	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/03/13 08:56	1
Tetrachloroethene	ND		0.50		ug/L			06/03/13 08:56	1
Toluene	ND		0.50		ug/L			06/03/13 08:56	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/03/13 08:56	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/03/13 08:56	1
1,1,1-Trichloroethane	ND		0.50		ug/L			06/03/13 08:56	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/03/13 08:56	1
Trichloroethene	ND		0.50		ug/L			06/03/13 08:56	1
Trichlorofluoromethane	ND		1.0		ug/L			06/03/13 08:56	1
1,2,3-Trichloropropane	ND		0.50		ug/L			06/03/13 08:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			06/03/13 08:56	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			06/03/13 08:56	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			06/03/13 08:56	1
Vinyl acetate	ND		10		ug/L			06/03/13 08:56	1
Vinyl chloride	ND		0.50		ug/L			06/03/13 08:56	1
Xylenes, Total	ND		1.0		ug/L			06/03/13 08:56	1
2,2-Dichloropropane	ND		0.50		ug/L			06/03/13 08:56	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			06/03/13 08:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*67 - 130*		*06/03/13 08:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 138*		*06/03/13 08:56*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*06/03/13 08:56*	*1*

Lab Sample ID: LCS 720-137513/7
Matrix: Water
Analysis Batch: 137513

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	26.0		ug/L		104	62 - 130
Acetone	125	105		ug/L		84	26 - 180
Benzene	25.0	24.4		ug/L		98	79 - 130
Dichlorobromomethane	25.0	26.6		ug/L		106	70 - 130
Bromobenzene	25.0	25.5		ug/L		102	70 - 130
Chlorobromomethane	25.0	30.6		ug/L		122	70 - 130
Bromoform	25.0	30.2		ug/L		121	68 - 136
Bromomethane	25.0	24.5		ug/L		98	43 - 151
2-Butanone (MEK)	125	122		ug/L		98	54 - 130
n-Butylbenzene	25.0	22.2		ug/L		89	70 - 142
sec-Butylbenzene	25.0	22.9		ug/L		92	70 - 134
tert-Butylbenzene	25.0	23.5		ug/L		94	70 - 135
Carbon disulfide	25.0	21.8		ug/L		87	58 - 130
Carbon tetrachloride	25.0	26.5		ug/L		106	70 - 146
Chlorobenzene	25.0	25.3		ug/L		101	70 - 130
Chloroethane	25.0	21.4		ug/L		86	62 - 138
Chloroform	25.0	25.7		ug/L		103	70 - 130

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

Lab Sample ID: LCS 720-137513/7
Matrix: Water
Analysis Batch: 137513

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	16.5		ug/L		66	52 - 175
2-Chlorotoluene	25.0	22.7		ug/L		91	70 - 130
4-Chlorotoluene	25.0	22.5		ug/L		90	70 - 130
Chlorodibromomethane	25.0	30.5		ug/L		122	70 - 145
1,2-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130
1,4-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130
1,3-Dichloropropane	25.0	26.6		ug/L		106	70 - 130
1,1-Dichloropropene	25.0	25.5		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	21.5		ug/L		86	70 - 136
Ethylene Dibromide	25.0	28.9		ug/L		116	70 - 130
Dibromomethane	25.0	27.1		ug/L		108	70 - 130
Dichlorodifluoromethane	25.0	15.5		ug/L		62	34 - 132
1,1-Dichloroethane	25.0	23.1		ug/L		93	70 - 130
1,2-Dichloroethane	25.0	23.5		ug/L		94	61 - 132
1,1-Dichloroethene	25.0	21.8		ug/L		87	64 - 128
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	70 - 130
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	68 - 130
1,2-Dichloropropane	25.0	24.1		ug/L		96	70 - 130
cis-1,3-Dichloropropene	25.0	27.9		ug/L		112	70 - 130
trans-1,3-Dichloropropene	25.0	26.9		ug/L		108	70 - 140
Ethylbenzene	25.0	23.5		ug/L		94	80 - 120
Hexachlorobutadiene	25.0	21.7		ug/L		87	70 - 130
2-Hexanone	125	106		ug/L		85	60 - 164
Isopropylbenzene	25.0	25.3		ug/L		101	70 - 130
4-Isopropyltoluene	25.0	23.1		ug/L		92	70 - 130
Methylene Chloride	25.0	24.2		ug/L		97	70 - 147
4-Methyl-2-pentanone (MIBK)	125	107		ug/L		86	58 - 130
Naphthalene	25.0	18.1		ug/L		73	70 - 130
N-Propylbenzene	25.0	23.1		ug/L		92	70 - 130
Styrene	25.0	24.7		ug/L		99	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.3		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		89	70 - 130
Tetrachloroethene	25.0	31.2		ug/L		125	70 - 130
Toluene	25.0	23.7		ug/L		95	78 - 120
1,2,3-Trichlorobenzene	25.0	19.6		ug/L		78	70 - 130
1,2,4-Trichlorobenzene	25.0	22.2		ug/L		89	70 - 130
1,1,1-Trichloroethane	25.0	27.0		ug/L		108	70 - 130
1,1,2-Trichloroethane	25.0	27.3		ug/L		109	70 - 130
Trichloroethene	25.0	28.9		ug/L		116	70 - 130
Trichlorofluoromethane	25.0	23.8		ug/L		95	66 - 132
1,2,3-Trichloropropane	25.0	23.5		ug/L		94	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	28.5		ug/L		114	42 - 162
1,2,4-Trimethylbenzene	25.0	22.9		ug/L		92	70 - 132
1,3,5-Trimethylbenzene	25.0	22.9		ug/L		91	70 - 130
Vinyl acetate	25.0	27.8		ug/L		111	43 - 163
Vinyl chloride	25.0	18.8		ug/L		75	54 - 135

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

Lab Sample ID: LCS 720-137513/7
Matrix: Water
Analysis Batch: 137513

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	47.9		ug/L		96	70 - 142
o-Xylene	25.0	24.8		ug/L		99	70 - 130
2,2-Dichloropropane	25.0	28.2		ug/L		113	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*87*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCS 720-137513/9
Matrix: Water
Analysis Batch: 137513

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	461		ug/L		92	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 138*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-137513/10
Matrix: Water
Analysis Batch: 137513

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	450		ug/L		90	62 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 138*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 720-137513/8
Matrix: Water
Analysis Batch: 137513

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	23.9		ug/L		96	62 - 130	8	20
Acetone	125	86.7		ug/L		69	26 - 180	19	30
Benzene	25.0	24.2		ug/L		97	79 - 130	1	20
Dichlorobromomethane	25.0	25.2		ug/L		101	70 - 130	6	20
Bromobenzene	25.0	25.8		ug/L		103	70 - 130	1	20
Chlorobromomethane	25.0	29.4		ug/L		118	70 - 130	4	20
Bromoform	25.0	28.4		ug/L		114	68 - 136	6	20
Bromomethane	25.0	25.2		ug/L		101	43 - 151	3	20

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

Lab Sample ID: LCSD 720-137513/8
Matrix: Water
Analysis Batch: 137513

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	102		ug/L		82	54 - 130	18	20
n-Butylbenzene	25.0	21.6		ug/L		86	70 - 142	3	20
sec-Butylbenzene	25.0	23.0		ug/L		92	70 - 134	1	20
tert-Butylbenzene	25.0	23.8		ug/L		95	70 - 135	1	20
Carbon disulfide	25.0	21.5		ug/L		86	58 - 130	1	20
Carbon tetrachloride	25.0	26.2		ug/L		105	70 - 146	1	20
Chlorobenzene	25.0	25.3		ug/L		101	70 - 130	0	20
Chloroethane	25.0	21.8		ug/L		87	62 - 138	2	20
Chloroform	25.0	25.4		ug/L		102	70 - 130	1	20
Chloromethane	25.0	17.0		ug/L		68	52 - 175	3	20
2-Chlorotoluene	25.0	23.0		ug/L		92	70 - 130	1	20
4-Chlorotoluene	25.0	22.6		ug/L		90	70 - 130	1	20
Chlorodibromomethane	25.0	29.1		ug/L		117	70 - 145	5	20
1,2-Dichlorobenzene	25.0	24.4		ug/L		98	70 - 130	1	20
1,3-Dichlorobenzene	25.0	25.4		ug/L		101	70 - 130	1	20
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130	1	20
1,3-Dichloropropane	25.0	24.8		ug/L		99	70 - 130	7	20
1,1-Dichloropropene	25.0	25.2		ug/L		101	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	19.3		ug/L		77	70 - 136	11	20
Ethylene Dibromide	25.0	27.5		ug/L		110	70 - 130	5	20
Dibromomethane	25.0	25.7		ug/L		103	70 - 130	5	20
Dichlorodifluoromethane	25.0	15.7		ug/L		63	34 - 132	2	20
1,1-Dichloroethane	25.0	22.9		ug/L		91	70 - 130	1	20
1,2-Dichloroethane	25.0	22.4		ug/L		90	61 - 132	5	20
1,1-Dichloroethene	25.0	21.4		ug/L		86	64 - 128	2	20
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	70 - 130	2	20
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	68 - 130	2	20
1,2-Dichloropropane	25.0	23.7		ug/L		95	70 - 130	2	20
cis-1,3-Dichloropropene	25.0	26.9		ug/L		108	70 - 130	4	20
trans-1,3-Dichloropropene	25.0	25.4		ug/L		102	70 - 140	6	20
Ethylbenzene	25.0	23.6		ug/L		94	80 - 120	0	20
Hexachlorobutadiene	25.0	21.3		ug/L		85	70 - 130	2	20
2-Hexanone	125	89.1		ug/L		71	60 - 164	17	20
Isopropylbenzene	25.0	25.7		ug/L		103	70 - 130	2	20
4-Isopropyltoluene	25.0	22.7		ug/L		91	70 - 130	2	20
Methylene Chloride	25.0	23.7		ug/L		95	70 - 147	2	20
4-Methyl-2-pentanone (MIBK)	125	93.5		ug/L		75	58 - 130	14	20
Naphthalene	25.0	17.2	*	ug/L		69	70 - 130	5	20
N-Propylbenzene	25.0	23.5		ug/L		94	70 - 130	2	20
Styrene	25.0	24.9		ug/L		100	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	27.0		ug/L		108	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	20.8		ug/L		83	70 - 130	7	20
Tetrachloroethene	25.0	30.5		ug/L		122	70 - 130	2	20
Toluene	25.0	23.4		ug/L		94	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	19.3		ug/L		77	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	21.5		ug/L		86	70 - 130	3	20
1,1,1-Trichloroethane	25.0	26.9		ug/L		108	70 - 130	0	20
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	70 - 130	6	20

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

Lab Sample ID: LCSD 720-137513/8
Matrix: Water
Analysis Batch: 137513

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	28.5		ug/L		114	70 - 130	2	20
Trichlorofluoromethane	25.0	23.7		ug/L		95	66 - 132	0	20
1,2,3-Trichloropropane	25.0	22.0		ug/L		88	70 - 130	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.1		ug/L		112	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	22.9		ug/L		92	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	23.1		ug/L		92	70 - 130	1	20
Vinyl acetate	25.0	25.6		ug/L		103	43 - 163	8	20
Vinyl chloride	25.0	19.2		ug/L		77	54 - 135	2	20
m-Xylene & p-Xylene	50.0	48.4		ug/L		97	70 - 142	1	20
o-Xylene	25.0	25.2		ug/L		101	70 - 130	2	20
2,2-Dichloropropane	25.0	28.7		ug/L		115	70 - 140	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*84*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 720-49998-7 MS
Matrix: Water
Analysis Batch: 137513

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	21.7		ug/L		87	60 - 138
Acetone	ND		125	83.7		ug/L		67	60 - 140
Benzene	ND		25.0	22.1		ug/L		88	60 - 140
Dichlorobromomethane	ND		25.0	23.5		ug/L		94	60 - 140
Bromobenzene	ND		25.0	24.4		ug/L		98	60 - 140
Chlorobromomethane	ND		25.0	26.1		ug/L		105	60 - 140
Bromoform	ND		25.0	26.0		ug/L		104	56 - 140
Bromomethane	ND		25.0	21.3		ug/L		85	23 - 140
2-Butanone (MEK)	ND		125	87.4		ug/L		70	60 - 140
n-Butylbenzene	ND		25.0	22.5		ug/L		90	60 - 140
sec-Butylbenzene	ND		25.0	22.9		ug/L		92	60 - 140
tert-Butylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
Carbon disulfide	ND		25.0	19.4		ug/L		78	38 - 140
Carbon tetrachloride	ND		25.0	23.7		ug/L		95	60 - 140
Chlorobenzene	ND		25.0	24.4		ug/L		98	60 - 140
Chloroethane	ND		25.0	19.3		ug/L		77	51 - 140
Chloroform	ND		25.0	23.1		ug/L		92	60 - 140
Chloromethane	ND		25.0	15.0		ug/L		60	52 - 140
2-Chlorotoluene	ND		25.0	22.4		ug/L		90	60 - 140
4-Chlorotoluene	ND		25.0	22.3		ug/L		89	60 - 140
Chlorodibromomethane	ND		25.0	25.6		ug/L		102	60 - 140
1,2-Dichlorobenzene	ND		25.0	23.8		ug/L		95	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.2		ug/L		101	60 - 140
1,3-Dichloropropane	ND		25.0	22.2		ug/L		89	60 - 140

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

Lab Sample ID: 720-49998-7 MS
Matrix: Water
Analysis Batch: 137513

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
1,1-Dichloropropene	ND		25.0	23.3		ug/L		93	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	17.7		ug/L		71	60 - 140
Ethylene Dibromide	ND		25.0	24.2		ug/L		97	60 - 140
Dibromomethane	ND		25.0	22.8		ug/L		91	60 - 140
Dichlorodifluoromethane	ND		25.0	14.7		ug/L		59	38 - 140
1,1-Dichloroethane	ND		25.0	20.9		ug/L		83	60 - 140
1,2-Dichloroethane	ND		25.0	20.3		ug/L		81	60 - 140
1,1-Dichloroethene	ND		25.0	19.4		ug/L		77	60 - 140
cis-1,2-Dichloroethene	ND		25.0	21.8		ug/L		87	60 - 140
trans-1,2-Dichloroethene	ND		25.0	21.9		ug/L		87	60 - 140
1,2-Dichloropropane	ND		25.0	21.6		ug/L		86	60 - 140
cis-1,3-Dichloropropene	ND		25.0	24.8		ug/L		99	60 - 140
trans-1,3-Dichloropropene	ND		25.0	23.4		ug/L		94	60 - 140
Ethylbenzene	ND		25.0	22.8		ug/L		91	60 - 140
Hexachlorobutadiene	ND		25.0	21.6		ug/L		86	60 - 140
2-Hexanone	ND		125	80.9		ug/L		65	60 - 140
Isopropylbenzene	ND		25.0	24.7		ug/L		99	60 - 140
4-Isopropyltoluene	ND		25.0	23.1		ug/L		92	60 - 140
Methylene Chloride	ND		25.0	20.3		ug/L		81	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	83.1		ug/L		66	58 - 130
Naphthalene	ND	*	25.0	16.4		ug/L		66	56 - 140
N-Propylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
Styrene	ND		25.0	23.8		ug/L		95	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	25.5		ug/L		102	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	19.6		ug/L		79	60 - 140
Tetrachloroethene	ND		25.0	28.0		ug/L		112	60 - 140
Toluene	ND		25.0	22.8		ug/L		91	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	18.7		ug/L		75	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	21.6		ug/L		87	60 - 140
1,1,1-Trichloroethane	ND		25.0	24.3		ug/L		97	60 - 140
1,1,2-Trichloroethane	ND		25.0	23.2		ug/L		93	60 - 140
Trichloroethene	ND		25.0	25.9		ug/L		104	60 - 140
Trichlorofluoromethane	ND		25.0	21.2		ug/L		85	60 - 140
1,2,3-Trichloropropane	ND		25.0	20.3		ug/L		81	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	25.1		ug/L		101	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	22.8		ug/L		91	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	22.8		ug/L		91	60 - 140
Vinyl acetate	ND		25.0	22.9		ug/L		91	40 - 140
Vinyl chloride	ND		25.0	17.6		ug/L		70	58 - 140
m-Xylene & p-Xylene	ND		50.0	46.5		ug/L		93	60 - 140
o-Xylene	ND		25.0	24.1		ug/L		96	60 - 140
2,2-Dichloropropane	ND		25.0	25.5		ug/L		102	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 138*
Toluene-d8 (Surr)	*101*		*70 - 130*

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

Lab Sample ID: 720-49998-7 MSD
Matrix: Water
Analysis Batch: 137513

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
Methyl tert-butyl ether	ND		25.0	24.0		ug/L		96	60 - 138	10	20
Acetone	ND		125	78.2		ug/L		63	60 - 140	7	20
Benzene	ND		25.0	22.9		ug/L		92	60 - 140	4	20
Dichlorobromomethane	ND		25.0	25.0		ug/L		100	60 - 140	6	20
Bromobenzene	ND		25.0	25.6		ug/L		102	60 - 140	5	20
Chlorobromomethane	ND		25.0	27.8		ug/L		111	60 - 140	6	20
Bromoform	ND		25.0	28.7		ug/L		115	56 - 140	10	20
Bromomethane	ND		25.0	21.8		ug/L		87	23 - 140	2	20
2-Butanone (MEK)	ND		125	96.1		ug/L		77	60 - 140	9	20
n-Butylbenzene	ND		25.0	22.7		ug/L		91	60 - 140	1	20
sec-Butylbenzene	ND		25.0	23.3		ug/L		93	60 - 140	2	20
tert-Butylbenzene	ND		25.0	23.8		ug/L		95	60 - 140	3	20
Carbon disulfide	ND		25.0	19.9		ug/L		80	38 - 140	2	20
Carbon tetrachloride	ND		25.0	24.4		ug/L		97	60 - 140	3	20
Chlorobenzene	ND		25.0	25.2		ug/L		101	60 - 140	3	20
Chloroethane	ND		25.0	19.9		ug/L		80	51 - 140	3	20
Chloroform	ND		25.0	24.0		ug/L		96	60 - 140	4	20
Chloromethane	ND		25.0	15.3		ug/L		61	52 - 140	2	20
2-Chlorotoluene	ND		25.0	23.4		ug/L		94	60 - 140	4	20
4-Chlorotoluene	ND		25.0	23.1		ug/L		92	60 - 140	4	20
Chlorodibromomethane	ND		25.0	28.1		ug/L		112	60 - 140	9	20
1,2-Dichlorobenzene	ND		25.0	24.8		ug/L		99	60 - 140	4	20
1,3-Dichlorobenzene	ND		25.0	25.6		ug/L		103	60 - 140	2	20
1,4-Dichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	24.7		ug/L		99	60 - 140	10	20
1,1-Dichloropropene	ND		25.0	23.9		ug/L		96	60 - 140	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	20.7		ug/L		83	60 - 140	16	20
Ethylene Dibromide	ND		25.0	26.9		ug/L		108	60 - 140	11	20
Dibromomethane	ND		25.0	25.1		ug/L		100	60 - 140	9	20
Dichlorodifluoromethane	ND		25.0	15.0		ug/L		60	38 - 140	2	20
1,1-Dichloroethane	ND		25.0	21.5		ug/L		86	60 - 140	3	20
1,2-Dichloroethane	ND		25.0	21.9		ug/L		87	60 - 140	7	20
1,1-Dichloroethene	ND		25.0	20.3		ug/L		81	60 - 140	5	20
cis-1,2-Dichloroethene	ND		25.0	22.8		ug/L		91	60 - 140	5	20
trans-1,2-Dichloroethene	ND		25.0	22.5		ug/L		90	60 - 140	3	20
1,2-Dichloropropane	ND		25.0	22.9		ug/L		92	60 - 140	6	20
cis-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	60 - 140	7	20
trans-1,3-Dichloropropene	ND		25.0	25.0		ug/L		100	60 - 140	7	20
Ethylbenzene	ND		25.0	23.5		ug/L		94	60 - 140	3	20
Hexachlorobutadiene	ND		25.0	22.2		ug/L		89	60 - 140	3	20
2-Hexanone	ND		125	96.4		ug/L		77	60 - 140	17	20
Isopropylbenzene	ND		25.0	25.7		ug/L		103	60 - 140	4	20
4-Isopropyltoluene	ND		25.0	23.2		ug/L		93	60 - 140	1	20
Methylene Chloride	ND		25.0	21.4		ug/L		85	40 - 140	5	20
4-Methyl-2-pentanone (MIBK)	ND		125	98.0		ug/L		78	58 - 130	16	20
Naphthalene	ND	*	25.0	18.8		ug/L		75	56 - 140	14	20
N-Propylbenzene	ND		25.0	24.1		ug/L		96	60 - 140	4	20
Styrene	ND		25.0	25.0		ug/L		100	60 - 140	5	20

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

Lab Sample ID: 720-49998-7 MSD
Matrix: Water
Analysis Batch: 137513

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
1,1,1,2-Tetrachloroethane	ND		25.0	26.8		ug/L		107	60 - 140	5	20
1,1,2,2-Tetrachloroethane	ND		25.0	22.2		ug/L		89	60 - 140	12	20
Tetrachloroethene	ND		25.0	29.0		ug/L		116	60 - 140	3	20
Toluene	ND		25.0	23.2		ug/L		92	60 - 140	2	20
1,2,3-Trichlorobenzene	ND		25.0	20.3		ug/L		81	60 - 140	8	20
1,2,4-Trichlorobenzene	ND		25.0	22.8		ug/L		91	60 - 140	5	20
1,1,1-Trichloroethane	ND		25.0	25.0		ug/L		100	60 - 140	3	20
1,1,2-Trichloroethane	ND		25.0	25.5		ug/L		102	60 - 140	9	20
Trichloroethene	ND		25.0	26.5		ug/L		106	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	21.4		ug/L		86	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	23.2		ug/L		93	60 - 140	13	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.6		ug/L		106	60 - 140	6	20
1,2,4-Trimethylbenzene	ND		25.0	23.3		ug/L		93	60 - 140	2	20
1,3,5-Trimethylbenzene	ND		25.0	23.3		ug/L		93	60 - 140	2	20
Vinyl acetate	ND		25.0	25.3		ug/L		101	40 - 140	10	20
Vinyl chloride	ND		25.0	17.7		ug/L		71	58 - 140	1	20
m-Xylene & p-Xylene	ND		50.0	48.2		ug/L		96	60 - 140	4	20
o-Xylene	ND		25.0	25.0		ug/L		100	60 - 140	4	20
2,2-Dichloropropane	ND		25.0	25.9		ug/L		104	60 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*85*		*75 - 138*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 720-137681/4
Matrix: Water
Analysis Batch: 137681

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			06/05/13 08:50	1
Acetone	ND		50		ug/L			06/05/13 08:50	1
Benzene	ND		0.50		ug/L			06/05/13 08:50	1
Dichlorobromomethane	ND		0.50		ug/L			06/05/13 08:50	1
Bromobenzene	ND		1.0		ug/L			06/05/13 08:50	1
Chlorobromomethane	ND		1.0		ug/L			06/05/13 08:50	1
Bromoform	ND		1.0		ug/L			06/05/13 08:50	1
Bromomethane	ND		1.0		ug/L			06/05/13 08:50	1
2-Butanone (MEK)	ND		50		ug/L			06/05/13 08:50	1
n-Butylbenzene	ND		1.0		ug/L			06/05/13 08:50	1
sec-Butylbenzene	ND		1.0		ug/L			06/05/13 08:50	1
tert-Butylbenzene	ND		1.0		ug/L			06/05/13 08:50	1
Carbon disulfide	ND		5.0		ug/L			06/05/13 08:50	1
Carbon tetrachloride	ND		0.50		ug/L			06/05/13 08:50	1
Chlorobenzene	ND		0.50		ug/L			06/05/13 08:50	1
Chloroethane	ND		1.0		ug/L			06/05/13 08:50	1
Chloroform	ND		1.0		ug/L			06/05/13 08:50	1

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

Lab Sample ID: MB 720-137681/4
Matrix: Water
Analysis Batch: 137681

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0		ug/L			06/05/13 08:50	1
2-Chlorotoluene	ND		0.50		ug/L			06/05/13 08:50	1
4-Chlorotoluene	ND		0.50		ug/L			06/05/13 08:50	1
Chlorodibromomethane	ND		0.50		ug/L			06/05/13 08:50	1
1,2-Dichlorobenzene	ND		0.50		ug/L			06/05/13 08:50	1
1,3-Dichlorobenzene	ND		0.50		ug/L			06/05/13 08:50	1
1,4-Dichlorobenzene	ND		0.50		ug/L			06/05/13 08:50	1
1,3-Dichloropropane	ND		1.0		ug/L			06/05/13 08:50	1
1,1-Dichloropropene	ND		0.50		ug/L			06/05/13 08:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			06/05/13 08:50	1
Ethylene Dibromide	ND		0.50		ug/L			06/05/13 08:50	1
Dibromomethane	ND		0.50		ug/L			06/05/13 08:50	1
Dichlorodifluoromethane	ND		0.50		ug/L			06/05/13 08:50	1
1,1-Dichloroethane	ND		0.50		ug/L			06/05/13 08:50	1
1,2-Dichloroethane	ND		0.50		ug/L			06/05/13 08:50	1
1,1-Dichloroethene	ND		0.50		ug/L			06/05/13 08:50	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			06/05/13 08:50	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			06/05/13 08:50	1
1,2-Dichloropropane	ND		0.50		ug/L			06/05/13 08:50	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			06/05/13 08:50	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			06/05/13 08:50	1
Ethylbenzene	ND		0.50		ug/L			06/05/13 08:50	1
Hexachlorobutadiene	ND		1.0		ug/L			06/05/13 08:50	1
2-Hexanone	ND		50		ug/L			06/05/13 08:50	1
Isopropylbenzene	ND		0.50		ug/L			06/05/13 08:50	1
4-Isopropyltoluene	ND		1.0		ug/L			06/05/13 08:50	1
Methylene Chloride	ND		5.0		ug/L			06/05/13 08:50	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			06/05/13 08:50	1
Naphthalene	ND		1.0		ug/L			06/05/13 08:50	1
N-Propylbenzene	ND		1.0		ug/L			06/05/13 08:50	1
Styrene	ND		0.50		ug/L			06/05/13 08:50	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			06/05/13 08:50	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			06/05/13 08:50	1
Tetrachloroethene	ND		0.50		ug/L			06/05/13 08:50	1
Toluene	ND		0.50		ug/L			06/05/13 08:50	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			06/05/13 08:50	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			06/05/13 08:50	1
1,1,1-Trichloroethane	ND		0.50		ug/L			06/05/13 08:50	1
1,1,2-Trichloroethane	ND		0.50		ug/L			06/05/13 08:50	1
Trichloroethene	ND		0.50		ug/L			06/05/13 08:50	1
Trichlorofluoromethane	ND		1.0		ug/L			06/05/13 08:50	1
1,2,3-Trichloropropane	ND		0.50		ug/L			06/05/13 08:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			06/05/13 08:50	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			06/05/13 08:50	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			06/05/13 08:50	1
Vinyl acetate	ND		10		ug/L			06/05/13 08:50	1
Vinyl chloride	ND		0.50		ug/L			06/05/13 08:50	1
Xylenes, Total	ND		1.0		ug/L			06/05/13 08:50	1

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

Lab Sample ID: MB 720-137681/4
Matrix: Water
Analysis Batch: 137681

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			06/05/13 08:50	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			06/05/13 08:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*		*06/05/13 08:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 138*		*06/05/13 08:50*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*06/05/13 08:50*	*1*

Lab Sample ID: LCS 720-137681/5
Matrix: Water
Analysis Batch: 137681

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	25.0		ug/L		100	62 - 130
Acetone	125	95.4		ug/L		76	26 - 180
Benzene	25.0	23.5		ug/L		94	79 - 130
Dichlorobromomethane	25.0	28.7		ug/L		115	70 - 130
Bromobenzene	25.0	25.4		ug/L		102	70 - 130
Chlorobromomethane	25.0	26.8		ug/L		107	70 - 130
Bromoform	25.0	28.2		ug/L		113	68 - 136
Bromomethane	25.0	26.8		ug/L		107	43 - 151
2-Butanone (MEK)	125	103		ug/L		82	54 - 130
n-Butylbenzene	25.0	25.7		ug/L		103	70 - 142
sec-Butylbenzene	25.0	25.3		ug/L		101	70 - 134
tert-Butylbenzene	25.0	25.7		ug/L		103	70 - 135
Carbon disulfide	25.0	20.8		ug/L		83	58 - 130
Carbon tetrachloride	25.0	31.8		ug/L		127	70 - 146
Chlorobenzene	25.0	26.0		ug/L		104	70 - 130
Chloroethane	25.0	24.0		ug/L		96	62 - 138
Chloroform	25.0	27.4		ug/L		110	70 - 130
Chloromethane	25.0	19.2		ug/L		77	52 - 175
2-Chlorotoluene	25.0	25.8		ug/L		103	70 - 130
4-Chlorotoluene	25.0	25.6		ug/L		103	70 - 130
Chlorodibromomethane	25.0	28.7		ug/L		115	70 - 145
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
1,3-Dichlorobenzene	25.0	26.2		ug/L		105	70 - 130
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130
1,3-Dichloropropane	25.0	26.4		ug/L		105	70 - 130
1,1-Dichloropropene	25.0	27.4		ug/L		110	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	25.5		ug/L		102	70 - 136
Ethylene Dibromide	25.0	27.1		ug/L		109	70 - 130
Dibromomethane	25.0	26.6		ug/L		107	70 - 130
Dichlorodifluoromethane	25.0	20.9		ug/L		84	34 - 132
1,1-Dichloroethane	25.0	25.0		ug/L		100	70 - 130
1,2-Dichloroethane	25.0	27.9		ug/L		111	61 - 132
1,1-Dichloroethene	25.0	21.0		ug/L		84	64 - 128
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	70 - 130

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

Lab Sample ID: LCS 720-137681/5
Matrix: Water
Analysis Batch: 137681

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	24.6		ug/L		98	68 - 130
1,2-Dichloropropane	25.0	24.6		ug/L		98	70 - 130
cis-1,3-Dichloropropene	25.0	28.7		ug/L		115	70 - 130
trans-1,3-Dichloropropene	25.0	28.9		ug/L		116	70 - 140
Ethylbenzene	25.0	24.8		ug/L		99	80 - 120
Hexachlorobutadiene	25.0	27.3		ug/L		109	70 - 130
2-Hexanone	125	96.1		ug/L		77	60 - 164
Isopropylbenzene	25.0	26.2		ug/L		105	70 - 130
4-Isopropyltoluene	25.0	26.0		ug/L		104	70 - 130
Methylene Chloride	25.0	24.7		ug/L		99	70 - 147
4-Methyl-2-pentanone (MIBK)	125	97.9		ug/L		78	58 - 130
Naphthalene	25.0	22.2		ug/L		89	70 - 130
N-Propylbenzene	25.0	26.2		ug/L		105	70 - 130
Styrene	25.0	25.4		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	25.0	28.6		ug/L		115	70 - 130
1,1,2,2-Tetrachloroethane	25.0	22.8		ug/L		91	70 - 130
Tetrachloroethene	25.0	28.3		ug/L		113	70 - 130
Toluene	25.0	23.8		ug/L		95	78 - 120
1,2,3-Trichlorobenzene	25.0	24.5		ug/L		98	70 - 130
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	70 - 130
1,1,1-Trichloroethane	25.0	30.2		ug/L		121	70 - 130
1,1,2-Trichloroethane	25.0	25.3		ug/L		101	70 - 130
Trichloroethene	25.0	26.5		ug/L		106	70 - 130
Trichlorofluoromethane	25.0	28.4		ug/L		113	66 - 132
1,2,3-Trichloropropane	25.0	25.0		ug/L		100	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	25.7		ug/L		103	70 - 132
1,3,5-Trimethylbenzene	25.0	25.7		ug/L		103	70 - 130
Vinyl acetate	25.0	24.1		ug/L		96	43 - 163
Vinyl chloride	25.0	23.3		ug/L		93	54 - 135
m-Xylene & p-Xylene	50.0	51.4		ug/L		103	70 - 142
o-Xylene	25.0	26.1		ug/L		104	70 - 130
2,2-Dichloropropane	25.0	37.4	*	ug/L		150	70 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCS 720-137681/7
Matrix: Water
Analysis Batch: 137681

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	478		ug/L		96	62 - 120

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

Lab Sample ID: LCS 720-137681/7
Matrix: Water
Analysis Batch: 137681

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*107*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 138*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 720-137681/6
Matrix: Water
Analysis Batch: 137681

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	25.9		ug/L		104	62 - 130	4	20
Acetone	125	101		ug/L		81	26 - 180	6	30
Benzene	25.0	23.1		ug/L		93	79 - 130	1	20
Dichlorobromomethane	25.0	29.0		ug/L		116	70 - 130	1	20
Bromobenzene	25.0	25.0		ug/L		100	70 - 130	1	20
Chlorobromomethane	25.0	27.3		ug/L		109	70 - 130	2	20
Bromoform	25.0	28.7		ug/L		115	68 - 136	2	20
Bromomethane	25.0	25.9		ug/L		104	43 - 151	3	20
2-Butanone (MEK)	125	111		ug/L		88	54 - 130	7	20
n-Butylbenzene	25.0	24.3		ug/L		97	70 - 142	6	20
sec-Butylbenzene	25.0	24.2		ug/L		97	70 - 134	5	20
tert-Butylbenzene	25.0	24.8		ug/L		99	70 - 135	4	20
Carbon disulfide	25.0	19.9		ug/L		80	58 - 130	4	20
Carbon tetrachloride	25.0	30.9		ug/L		123	70 - 146	3	20
Chlorobenzene	25.0	25.7		ug/L		103	70 - 130	1	20
Chloroethane	25.0	22.9		ug/L		92	62 - 138	5	20
Chloroform	25.0	27.3		ug/L		109	70 - 130	0	20
Chloromethane	25.0	18.5		ug/L		74	52 - 175	4	20
2-Chlorotoluene	25.0	25.2		ug/L		101	70 - 130	2	20
4-Chlorotoluene	25.0	24.9		ug/L		100	70 - 130	3	20
Chlorodibromomethane	25.0	29.4		ug/L		118	70 - 145	3	20
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130	0	20
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	70 - 130	3	20
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	70 - 130	1	20
1,3-Dichloropropane	25.0	27.1		ug/L		108	70 - 130	3	20
1,1-Dichloropropene	25.0	26.6		ug/L		106	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	25.0	26.8		ug/L		107	70 - 136	5	20
Ethylene Dibromide	25.0	28.2		ug/L		113	70 - 130	4	20
Dibromomethane	25.0	27.4		ug/L		110	70 - 130	3	20
Dichlorodifluoromethane	25.0	20.1		ug/L		80	34 - 132	4	20
1,1-Dichloroethane	25.0	24.5		ug/L		98	70 - 130	2	20
1,2-Dichloroethane	25.0	28.3		ug/L		113	61 - 132	2	20
1,1-Dichloroethene	25.0	19.9		ug/L		80	64 - 128	5	20
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	70 - 130	2	20
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	68 - 130	4	20
1,2-Dichloropropane	25.0	24.8		ug/L		99	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	29.1		ug/L		116	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	29.7		ug/L		119	70 - 140	3	20
Ethylbenzene	25.0	24.2		ug/L		97	80 - 120	2	20

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

Lab Sample ID: LCSD 720-137681/6
Matrix: Water
Analysis Batch: 137681

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	26.1		ug/L		104	70 - 130	4	20
2-Hexanone	125	105		ug/L		84	60 - 164	9	20
Isopropylbenzene	25.0	25.4		ug/L		101	70 - 130	3	20
4-Isopropyltoluene	25.0	24.8		ug/L		99	70 - 130	5	20
Methylene Chloride	25.0	24.4		ug/L		98	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	107		ug/L		85	58 - 130	9	20
Naphthalene	25.0	23.3		ug/L		93	70 - 130	5	20
N-Propylbenzene	25.0	25.0		ug/L		100	70 - 130	5	20
Styrene	25.0	25.1		ug/L		100	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	29.0		ug/L		116	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	23.4		ug/L		94	70 - 130	3	20
Tetrachloroethene	25.0	27.5		ug/L		110	70 - 130	3	20
Toluene	25.0	23.5		ug/L		94	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	24.8		ug/L		99	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	70 - 130	0	20
1,1,1-Trichloroethane	25.0	29.3		ug/L		117	70 - 130	3	20
1,1,2-Trichloroethane	25.0	25.7		ug/L		103	70 - 130	2	20
Trichloroethene	25.0	26.0		ug/L		104	70 - 130	2	20
Trichlorofluoromethane	25.0	27.2		ug/L		109	66 - 132	4	20
1,2,3-Trichloropropane	25.0	25.9		ug/L		103	70 - 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.2		ug/L		101	42 - 162	6	20
1,2,4-Trimethylbenzene	25.0	24.9		ug/L		100	70 - 132	3	20
1,3,5-Trimethylbenzene	25.0	24.6		ug/L		98	70 - 130	5	20
Vinyl acetate	25.0	25.0		ug/L		100	43 - 163	4	20
Vinyl chloride	25.0	21.8		ug/L		87	54 - 135	7	20
m-Xylene & p-Xylene	50.0	50.0		ug/L		100	70 - 142	3	20
o-Xylene	25.0	25.8		ug/L		103	70 - 130	1	20
2,2-Dichloropropane	25.0	35.1		ug/L		140	70 - 140	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 720-137681/8
Matrix: Water
Analysis Batch: 137681

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	488		ug/L		98	62 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*119*		*75 - 138*
Toluene-d8 (Surr)	*105*		*70 - 130*

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

Lab Sample ID: 720-50111-A-1 MS
Matrix: Water
Analysis Batch: 137681

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	28.0		ug/L		112	60 - 138
Acetone	ND		125	96.2		ug/L		77	60 - 140
Benzene	ND		25.0	23.8		ug/L		95	60 - 140
Dichlorobromomethane	ND		25.0	30.3		ug/L		121	60 - 140
Bromobenzene	ND		25.0	25.0		ug/L		100	60 - 140
Chlorobromomethane	ND		25.0	28.6		ug/L		114	60 - 140
Bromoform	ND		25.0	28.5		ug/L		114	56 - 140
Bromomethane	ND		25.0	23.6		ug/L		94	23 - 140
2-Butanone (MEK)	ND		125	106		ug/L		85	60 - 140
n-Butylbenzene	ND		25.0	23.3		ug/L		93	60 - 140
sec-Butylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
tert-Butylbenzene	ND		25.0	24.0		ug/L		96	60 - 140
Carbon disulfide	ND		25.0	20.3		ug/L		81	38 - 140
Carbon tetrachloride	ND		25.0	30.5		ug/L		122	60 - 140
Chlorobenzene	ND		25.0	25.9		ug/L		104	60 - 140
Chloroethane	ND		25.0	22.7		ug/L		91	51 - 140
Chloroform	ND		25.0	28.1		ug/L		112	60 - 140
Chloromethane	ND		25.0	18.2		ug/L		73	52 - 140
2-Chlorotoluene	ND		25.0	24.6		ug/L		98	60 - 140
4-Chlorotoluene	ND		25.0	24.5		ug/L		98	60 - 140
Chlorodibromomethane	ND		25.0	30.6		ug/L		122	60 - 140
1,2-Dichlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.7		ug/L		103	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140
1,3-Dichloropropane	ND		25.0	28.6		ug/L		114	60 - 140
1,1-Dichloropropene	ND		25.0	26.2		ug/L		105	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	27.0		ug/L		108	60 - 140
Ethylene Dibromide	ND		25.0	30.5		ug/L		122	60 - 140
Dibromomethane	ND		25.0	28.8		ug/L		115	60 - 140
Dichlorodifluoromethane	ND		25.0	20.1		ug/L		80	38 - 140
1,1-Dichloroethane	ND		25.0	24.8		ug/L		99	60 - 140
1,2-Dichloroethane	ND		25.0	30.1		ug/L		120	60 - 140
1,1-Dichloroethene	ND		25.0	19.5		ug/L		78	60 - 140
cis-1,2-Dichloroethene	ND		25.0	26.5		ug/L		106	60 - 140
trans-1,2-Dichloroethene	ND		25.0	22.9		ug/L		92	60 - 140
1,2-Dichloropropane	ND		25.0	26.0		ug/L		104	60 - 140
cis-1,3-Dichloropropene	ND		25.0	30.5		ug/L		122	60 - 140
trans-1,3-Dichloropropene	ND		25.0	31.2		ug/L		125	60 - 140
Ethylbenzene	ND		25.0	23.9		ug/L		96	60 - 140
Hexachlorobutadiene	ND		25.0	25.7		ug/L		103	60 - 140
2-Hexanone	ND		125	113		ug/L		91	60 - 140
Isopropylbenzene	ND		25.0	24.9		ug/L		100	60 - 140
4-Isopropyltoluene	ND		25.0	24.3		ug/L		97	60 - 140
Methylene Chloride	ND		25.0	24.2		ug/L		97	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	117		ug/L		93	58 - 130
Naphthalene	ND		25.0	24.2		ug/L		97	56 - 140
N-Propylbenzene	ND		25.0	23.8		ug/L		95	60 - 140
Styrene	ND		25.0	25.5		ug/L		102	60 - 140

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

Lab Sample ID: 720-50111-A-1 MS
Matrix: Water
Analysis Batch: 137681

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	29.7		ug/L		119	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	23.6		ug/L		95	60 - 140
Tetrachloroethene	ND		25.0	27.2		ug/L		109	60 - 140
Toluene	2.0		25.0	24.8		ug/L		91	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	26.0		ug/L		104	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.9		ug/L		108	60 - 140
1,1,1-Trichloroethane	ND		25.0	28.8		ug/L		115	60 - 140
1,1,2-Trichloroethane	ND		25.0	27.8		ug/L		111	60 - 140
Trichloroethene	ND		25.0	25.7		ug/L		103	60 - 140
Trichlorofluoromethane	ND		25.0	26.7		ug/L		107	60 - 140
1,2,3-Trichloropropane	ND		25.0	26.1		ug/L		104	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.7		ug/L		99	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	24.6		ug/L		98	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	24.2		ug/L		97	60 - 140
Vinyl acetate	ND		25.0	26.7		ug/L		107	40 - 140
Vinyl chloride	ND		25.0	22.0		ug/L		86	58 - 140
m-Xylene & p-Xylene	ND		50.0	49.2		ug/L		98	60 - 140
o-Xylene	ND		25.0	25.8		ug/L		103	60 - 140
2,2-Dichloropropane	ND	*	25.0	33.4		ug/L		134	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*119*		*75 - 138*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 720-50111-A-1 MSD
Matrix: Water
Analysis Batch: 137681

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	25.3		ug/L		101	60 - 138	10	20
Acetone	ND		125	83.8		ug/L		67	60 - 140	14	20
Benzene	ND		25.0	23.2		ug/L		93	60 - 140	2	20
Dichlorobromomethane	ND		25.0	29.1		ug/L		116	60 - 140	4	20
Bromobenzene	ND		25.0	25.1		ug/L		100	60 - 140	0	20
Chlorobromomethane	ND		25.0	26.7		ug/L		107	60 - 140	7	20
Bromoform	ND		25.0	26.7		ug/L		107	56 - 140	7	20
Bromomethane	ND		25.0	23.3		ug/L		93	23 - 140	1	20
2-Butanone (MEK)	ND		125	96.9		ug/L		77	60 - 140	9	20
n-Butylbenzene	ND		25.0	23.3		ug/L		93	60 - 140	0	20
sec-Butylbenzene	ND		25.0	23.4		ug/L		94	60 - 140	1	20
tert-Butylbenzene	ND		25.0	24.2		ug/L		97	60 - 140	1	20
Carbon disulfide	ND		25.0	19.9		ug/L		80	38 - 140	2	20
Carbon tetrachloride	ND		25.0	30.0		ug/L		120	60 - 140	2	20
Chlorobenzene	ND		25.0	25.4		ug/L		101	60 - 140	2	20
Chloroethane	ND		25.0	22.4		ug/L		89	51 - 140	1	20
Chloroform	ND		25.0	27.2		ug/L		109	60 - 140	3	20

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

Lab Sample ID: 720-50111-A-1 MSD
Matrix: Water
Analysis Batch: 137681

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	ND		25.0	17.9		ug/L		71	52 - 140	2	20
2-Chlorotoluene	ND		25.0	25.1		ug/L		100	60 - 140	2	20
4-Chlorotoluene	ND		25.0	24.8		ug/L		99	60 - 140	1	20
Chlorodibromomethane	ND		25.0	29.0		ug/L		116	60 - 140	5	20
1,2-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140	2	20
1,3-Dichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140	0	20
1,3-Dichloropropane	ND		25.0	26.7		ug/L		107	60 - 140	7	20
1,1-Dichloropropene	ND		25.0	25.7		ug/L		103	60 - 140	2	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.1		ug/L		96	60 - 140	12	20
Ethylene Dibromide	ND		25.0	27.5		ug/L		110	60 - 140	10	20
Dibromomethane	ND		25.0	26.6		ug/L		106	60 - 140	8	20
Dichlorodifluoromethane	ND		25.0	19.9		ug/L		80	38 - 140	1	20
1,1-Dichloroethane	ND		25.0	24.5		ug/L		98	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	28.3		ug/L		113	60 - 140	6	20
1,1-Dichloroethene	ND		25.0	18.7		ug/L		75	60 - 140	4	20
cis-1,2-Dichloroethene	ND		25.0	25.8		ug/L		103	60 - 140	3	20
trans-1,2-Dichloroethene	ND		25.0	22.5		ug/L		90	60 - 140	2	20
1,2-Dichloropropane	ND		25.0	24.7		ug/L		99	60 - 140	5	20
cis-1,3-Dichloropropene	ND		25.0	29.2		ug/L		117	60 - 140	4	20
trans-1,3-Dichloropropene	ND		25.0	29.2		ug/L		117	60 - 140	7	20
Ethylbenzene	ND		25.0	23.4		ug/L		94	60 - 140	2	20
Hexachlorobutadiene	ND		25.0	26.2		ug/L		105	60 - 140	2	20
2-Hexanone	ND		125	96.3		ug/L		77	60 - 140	16	20
Isopropylbenzene	ND		25.0	24.4		ug/L		98	60 - 140	2	20
4-Isopropyltoluene	ND		25.0	24.4		ug/L		98	60 - 140	0	20
Methylene Chloride	ND		25.0	23.2		ug/L		93	40 - 140	5	20
4-Methyl-2-pentanone (MIBK)	ND		125	99.2		ug/L		79	58 - 130	16	20
Naphthalene	ND		25.0	22.3		ug/L		89	56 - 140	8	20
N-Propylbenzene	ND		25.0	24.3		ug/L		97	60 - 140	2	20
Styrene	ND		25.0	24.6		ug/L		99	60 - 140	3	20
1,1,1,2-Tetrachloroethane	ND		25.0	28.9		ug/L		115	60 - 140	3	20
1,1,2,2-Tetrachloroethane	ND		25.0	21.9		ug/L		87	60 - 140	8	20
Tetrachloroethene	ND		25.0	26.9		ug/L		108	60 - 140	1	20
Toluene	2.0		25.0	24.3		ug/L		89	60 - 140	2	20
1,2,3-Trichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140	4	20
1,2,4-Trichlorobenzene	ND		25.0	26.5		ug/L		106	60 - 140	2	20
1,1,1-Trichloroethane	ND		25.0	28.4		ug/L		114	60 - 140	1	20
1,1,2-Trichloroethane	ND		25.0	25.8		ug/L		103	60 - 140	7	20
Trichloroethene	ND		25.0	25.3		ug/L		101	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	26.0		ug/L		104	60 - 140	3	20
1,2,3-Trichloropropane	ND		25.0	24.2		ug/L		97	60 - 140	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	23.8		ug/L		95	60 - 140	4	20
1,2,4-Trimethylbenzene	ND		25.0	24.6		ug/L		99	60 - 140	0	20
1,3,5-Trimethylbenzene	ND		25.0	24.5		ug/L		98	60 - 140	1	20
Vinyl acetate	ND		25.0	23.9		ug/L		96	40 - 140	11	20
Vinyl chloride	ND		25.0	21.7		ug/L		85	58 - 140	1	20

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

TestAmerica Job ID: 720-49998-1

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

Lab Sample ID: 720-50111-A-1 MSD
Matrix: Water
Analysis Batch: 137681

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	ND		50.0	48.7		ug/L		97	60 - 140	1	20
o-Xylene	ND		25.0	25.2		ug/L		101	60 - 140	2	20
2,2-Dichloropropane	ND	*	25.0	33.5		ug/L		134	60 - 140	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 138*
Toluene-d8 (Surr)	*105*		*70 - 130*

GC/MS VOA

Analysis Batch: 137420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49925-B-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
720-49925-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-15	MW-200	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-137420/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-137420/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-137420/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-137420/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-137420/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 137421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49978-B-15 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
720-49978-B-15 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-5	MP-04-2	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-6	MP-04-1	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-8	MP-01-2	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-9	MP-02-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-137421/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-137421/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-137421/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-137421/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-137421/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 137422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49978-B-2 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
720-49978-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-2	MW-03	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-3	MP-03-3	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-4	MP-03-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-137422/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 137422 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-137422/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-137422/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-137422/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-137422/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 137513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49998-7	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-7 MS	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-7 MSD	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-10	MP-02-2	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-11	MP-02-3	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-12	MW-01	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-13	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-14	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-16	MP-01-3	Total/NA	Water	8260B/CA_LUFT MS	
720-49998-17	TB052913-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-137513/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-137513/9	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-137513/10	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-137513/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-137513/6	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 137681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49998-1	TB052913-2	Total/NA	Water	8260B/CA_LUFT MS	
720-50111-A-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
720-50111-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-137681/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-137681/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-137681/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 137681 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-137681/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-137681/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Client Sample ID: TB052913-2 — **Lab Sample ID: 720-49998-1**
Date Collected: 05/29/13 10:05 — **Matrix: Water**
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137681	06/05/13 14:49	AC	TAL PLS

Client Sample ID: MW-03 — **Lab Sample ID: 720-49998-2**
Date Collected: 05/29/13 10:35 — **Matrix: Water**
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137422	05/31/13 15:50	AC	TAL PLS

Client Sample ID: MP-03-3 — **Lab Sample ID: 720-49998-3**
Date Collected: 05/29/13 12:35 — **Matrix: Water**
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137422	05/31/13 16:16	AC	TAL PLS

Client Sample ID: MP-03-1 — **Lab Sample ID: 720-49998-4**
Date Collected: 05/29/13 13:00 — **Matrix: Water**
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137422	05/31/13 16:42	AC	TAL PLS

Client Sample ID: MP-04-2 — **Lab Sample ID: 720-49998-5**
Date Collected: 05/29/13 13:40 — **Matrix: Water**
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137421	05/31/13 15:52	AC	TAL PLS

Client Sample ID: MP-04-1 — **Lab Sample ID: 720-49998-6**
Date Collected: 05/29/13 13:55 — **Matrix: Water**
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137421	05/31/13 16:20	AC	TAL PLS

Client Sample ID: MP-04-3

Lab Sample ID: 720-49998-7

Date Collected: 05/29/13 14:05
Matrix: Water
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137513	06/03/13 11:31	AC	TAL PLS

Client Sample ID: MP-01-2

Lab Sample ID: 720-49998-8

Date Collected: 05/29/13 13:50
Matrix: Water
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137421	05/31/13 16:48	AC	TAL PLS

Client Sample ID: MP-02-1

Lab Sample ID: 720-49998-9

Date Collected: 05/29/13 14:30
Matrix: Water
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137421	05/31/13 17:16	AC	TAL PLS

Client Sample ID: MP-02-2

Lab Sample ID: 720-49998-10

Date Collected: 05/29/13 14:50
Matrix: Water
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137513	06/03/13 15:26	AC	TAL PLS

Client Sample ID: MP-02-3

Lab Sample ID: 720-49998-11

Date Collected: 05/29/13 10:10
Matrix: Water
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	137513	06/03/13 15:52	AC	TAL PLS

Client Sample ID: MW-01

Lab Sample ID: 720-49998-12

Date Collected: 05/29/13 11:00
Matrix: Water
Date Received: 05/30/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		2	137513	06/03/13 13:41	AC	TAL PLS

Lab Chronicle

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

TestAmerica Job ID: 720-49998-1

Client Sample ID: MP-01-1

Lab Sample ID: 720-49998-13

Date Collected: 05/29/13 12:30
Date Received: 05/30/13 08:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		2	137513	06/03/13 14:07	AC	TAL PLS

Client Sample ID: MW-02

Lab Sample ID: 720-49998-14

Date Collected: 05/29/13 13:30
Date Received: 05/30/13 08:00

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	137513	06/03/13 14:34	AC	TAL PLS

Client Sample ID: MW-200

Lab Sample ID: 720-49998-15

Date Collected: 05/29/13 13:40
Date Received: 05/30/13 08:00

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	137420	05/31/13 17:14	AC	TAL PLS

Client Sample ID: MP-01-3

Lab Sample ID: 720-49998-16

Date Collected: 05/29/13 14:05
Date Received: 05/30/13 08:00

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	137513	06/03/13 12:49	AC	TAL PLS

Client Sample ID: TB052913-1

Lab Sample ID: 720-49998-17

Date Collected: 05/29/13 07:00
Date Received: 05/30/13 08:00

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	137513	06/03/13 13:15	AC	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: 720-49998-1

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	01-31-14

Method Summary

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

TestAmerica Job ID: 720-49998-1

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: 720-49998-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-49998-1	TB052913-2	Water	05/29/13 10:05	05/30/13 08:00
720-49998-2	MW-03	Water	05/29/13 10:35	05/30/13 08:00
720-49998-3	MP-03-3	Water	05/29/13 12:35	05/30/13 08:00
720-49998-4	MP-03-1	Water	05/29/13 13:00	05/30/13 08:00
720-49998-5	MP-04-2	Water	05/29/13 13:40	05/30/13 08:00
720-49998-6	MP-04-1	Water	05/29/13 13:55	05/30/13 08:00
720-49998-7	MP-04-3	Water	05/29/13 14:05	05/30/13 08:00
720-49998-8	MP-01-2	Water	05/29/13 13:50	05/30/13 08:00
720-49998-9	MP-02-1	Water	05/29/13 14:30	05/30/13 08:00
720-49998-10	MP-02-2	Water	05/29/13 14:50	05/30/13 08:00
720-49998-11	MP-02-3	Water	05/29/13 10:10	05/30/13 08:00
720-49998-12	MW-01	Water	05/29/13 11:00	05/30/13 08:00
720-49998-13	MP-01-1	Water	05/29/13 12:30	05/30/13 08:00
720-49998-14	MW-02	Water	05/29/13 13:30	05/30/13 08:00
720-49998-15	MW-200	Water	05/29/13 13:40	05/30/13 08:00
720-49998-16	MP-01-3	Water	05/29/13 14:05	05/30/13 08:00
720-49998-17	TB052913-1	Water	05/29/13 07:00	05/30/13 08:00

CHAIN-OF-CUSTODY RECORD

720-49998

OAK 17432 (146246)

PROJECT NAME: Crown Chevrolet		DATE: 5/29/13	PAGE 1 OF 2
PROJECT NUMBER: 001016.0070.00008	LABORATORY NAME: Test America	CLIENT INFORMATION: AMEC	REPORTING REQUIREMENTS
RESULTS TO: Avery.Patton@amec.com	LABORATORY ADDRESS: 1220 Quarry Ln Pleasanton, CA		
TURNAROUND TIME: Standard	LABORATORY CONTACT: Arsaneh		GEOTRACKER REQUIRED: YES NO
SAMPLE SHIPMENT METHOD: Drop @ lab	LABORATORY PHONE NUMBER: 925-484-1919		SITE SPECIFIC GLOBAL ID NO: T10000001616

SAMPLERS (SIGNATURE):

DATE	TIME	SAMPLE NUMBER	8260B (VOCs + TPHg)	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
											2.2°C, 2.1°C
5/29/13	1005	TB052913-2	X	40ml VOAs	W	N	HCl	Y	N	3	
	1035	MW-03	X							3	
	1235	MP-03-3	X							3	
	1300	MP-03-1	X							3	
	1315	~~MP-03-2~~	X							3	Hgl
	1340	MP-04-2	X							3	
	1355	MP-04-1	X							3	
	1405	MP-04-3	X							6	MS/MSD
	1350	MP-01-2	X							3	
	1430	MP-02-1	X							3	
	1450	MP-02-2	X							3	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE:	5/29/13	0800	SIGNATURE:	5/30/13	0800
PRINTED NAME: Haely Young			PRINTED NAME: Bryan Thomas		
COMPANY: AMEC			COMPANY: TestAmerica		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE			SIGNATURE		
PRINTED NAME			PRINTED NAME		
COMPANY			COMPANY		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS:

Results to: Haely.Young@amec.com and Avery.Patton@amec.com

720-49998 Chain of Custody

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

amec

CHAIN-OF-CUSTODY RECORD

720-49998

OAK 17439 146266

PROJECT NAME: CROWN CHEVROLET		DATE: 5/30/13	PAGE 2 OF 2
PROJECT NUMBER: 001016 0070.00008	LABORATORY NAME: Test America	CLIENT INFORMATION: Amec	REPORTING REQUIREMENTS
RESULTS TO: Avery.Patton@amec.com	LABORATORY ADDRESS: 1220 Quarry Ln.		
TURNAROUND TIME: Standard	Pleasanton, CA		
SAMPLE SHIPMENT METHOD: Drop @ Lab	LABORATORY CONTACT: Afsaneh		GEOTRACKER REQUIRED: YES / NO
	LABORATORY PHONE NUMBER: 925-484-1919		SITE SPECIFIC GLOBAL ID NO: T10000011616

SAMPLERS (SIGNATURE):

ANALYSES

DATE	TIME	SAMPLE NUMBER	BTEX/MTBE (8021 + TPH(g))	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	ADDITIONAL COMMENTS
											2.2°C, 2.7°C
5/29/13	1010	MP-02-3	X	40 ml VOA	W	N	HCl	Y	N	3	
	1100	MW-01	X							3	
	1230	MP-01-1	X							3	
	1330	MW-02	X							3	
	1340	MW-200	X							3	
	1405	MP-01-3	X							3	
	0700	TB052913-1	X							3	

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: Haely Young	5/30/13	0800	SIGNATURE:	5/30/13	0800
PRINTED NAME: Haely Young			PRINTED NAME: Bryan Thomas		
COMPANY: AMEC			COMPANY: Test America		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS: 21

SAMPLING COMMENTS: Results to: Avery.Patton@amec.com and Haely.Young@amec.com

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

amec

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-49998-1

Login Number: 49998

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

Data Quality Review

DATA QUALITY REVIEW
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California
Fuel Leak Case No. RO0003014

August 12, 2013
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.

Hui Li, PE
Senior Engineer
AMEC Environment & Infrastructure, Inc.

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APPENDIX C
DATA QUALITY REVIEW
Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California

1.0 INTRODUCTION

AMEC Environment & Infrastructure, Inc. (AMEC), evaluated the analytical data from AMEC's second quarter 2013 groundwater monitoring sampling event 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 Second Quarter 2013 Groundwater Monitoring sampling event are hand-written onto the laboratory analytical reports in Appendix B.

2.0 SECOND QUARTER 2013 GROUNDWATER MONITORING

Quality assurance procedures for groundwater samples collected during AMEC's second quarter 2013 groundwater monitoring event included the collection and analysis of one blind field duplicate sample and one matrix spike/matrix spike duplicate (MS/MSD) sample; laboratory analysis of method blank samples, surrogate spikes, and laboratory control spike/laboratory control spike duplicates (LCS/LCSDs); and evaluation of the analytical results.

The blind field duplicate groundwater sample was collected from monitoring well MW-02 and labeled as MW-200. The groundwater MS/MSD sample was collected from monitoring well 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 samples, 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 was submitted for volatile organic compound (VOC) analysis. There were no detections in the trip blank samples.

2.1.5 Other Factors

Gasoline range organics were reported at a concentration similar to tetrachloroethene (PCE) in groundwater samples MW-01, MP-01-1, MP-03-1, and MP-04-1 and gasoline range organics were reported at similar a concentration to trichloroethene (TCE) in groundwater sample MP-02-1. The analytical laboratory indicated in the case narratives for these samples that the reported gasoline range organics results were due to presence of discrete peaks (PCE and TCE) and not the presence of gasoline range organics. As a result, AMEC qualified these gasoline range organics results with "R" to indicate that they are rejected.

2.2 DATA PRECISION

Data precision is evaluated by comparing analytical results from the duplicate sample pair and evaluating the calculated relative percent difference (RPD) between the data sets. Results for LCS/LCSD, MS/MSD, and the field duplicate sample pair were evaluated to assess the precision of the analytical methods. A summary of sample results from the field duplicate sample pair is shown in Table C-1.

The RPDs for the field duplicate sample pair and the MS/MSD and LCS/LCSD analyses were within acceptance limits.

2.3 DATA COMPLETENESS

Completeness is the ratio of the number of valid sample results to the total number of samples analyzed with a specific matrix and/or analysis. The percent complete is calculated by the following equation:

$$\% \text{ Complete} = \frac{(\text{number of valid measurements})}{(\text{number of measurements planned})} \times 100$$

The percent complete for groundwater sample data collected during the Second Quarter 2013 Groundwater Monitoring sampling event is 100 percent, with the exception of the gasoline range organics results, where the percent complete is 64.3 percent.

3.0 SUMMARY OF GROUNDWATER DATA QUALITY REVIEW

Based on an evaluation of data quality for samples collected during the Second Quarter 2013 Groundwater Monitoring event, the majority of 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.

4.0 REFERENCES

U.S. Environmental Protection Agency, 2008, USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, EPA-540-R-08-01, June.

TABLE C-1

SUMMARY OF PRECISION DATA
FOR ANALYSIS OF GROUNDWATER FIELD DUPLICATE SAMPLES

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
Dublin, California

Primary Sample ID	Duplicate Sample ID	Collection Date	Compound[1]	Units	Reporting Limit	Primary Sample Result	Duplicate Sample Result	RPD[2]	Absolute Difference Between Sample Results[3]
Groundwater									
MW-02	MW-200	5/29/2013	cis-1,2-Dichloroethene	µg/L	0.50	2.0	2.0	0%	NA
			Tetrachloroethene	µg/L	0.50	20	15	29%	NA
			Trichloroethene	µg/L	0.50	26	23	12%	NA

Notes

1. Only compounds detected in at least one of the field primary or field duplicate samples are shown.
2. Relative Percent Difference (RPD) is calculated by:

$$RPD \quad \% \quad = \left| \frac{2(S_1 - S_2)}{S_1 + S_2} \right| \times 100$$

   Where S_1, is the sample concentration and S_2 is the blind duplicate sample concentration.
3. The RPD is not applicable when the sample results are less than two times (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