

**RECEIVED**

By Alameda County Environmental Health at 2:25 pm, Feb 19, 2014

February 18, 2014

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

**Subject: Third and Fourth Quarter 2013 Groundwater Monitoring Report and Annual Summary**  
Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California  
Fuel Leak Case No. RO0003014

Dear Ms. Roe:

Enclosed please find the *Third and Fourth Quarter 2013 Groundwater Monitoring Report and Annual Summary* 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  
Betty J. Woolverton Trust

Attachment: Third and Fourth Quarter 2013 Groundwater Monitoring Report and Annual Summary

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



---

# THIRD AND FOURTH QUARTER 2013 GROUNDWATER MONITORING REPORT AND ANNUAL SUMMARY

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

February 2014

Project No. OD10160070

---

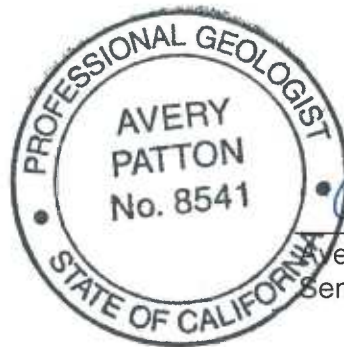
**THIRD AND FOURTH QUARTER 2013  
GROUNDWATER MONITORING REPORT AND  
ANNUAL SUMMARY**

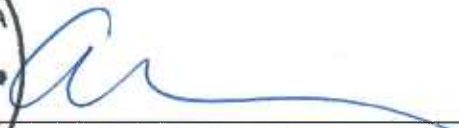
Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

February 18, 2014  
Project OD10160070

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

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



  
Avery Patton, PG #8541  
Senior Geologist

## TABLE OF CONTENTS

		Page
1.0	BACKGROUND .....	1
2.0	GROUNDWATER MONITORING ACTIVITIES .....	2
2.1	GROUNDWATER ELEVATION GAUGING .....	2
2.2	MONITORING WELL SAMPLING .....	3
2.3	LABORATORY ANALYTICAL METHODS .....	3
2.4	DATA QUALITY REVIEW .....	3
3.0	RESULTS .....	4
3.1	GROUNDWATER ELEVATIONS, FLOW DIRECTIONS, AND GRADIENTS .....	4
3.2	GROUNDWATER ANALYTICAL RESULTS .....	5
3.2.1	First Water-Bearing Zone .....	6
3.2.2	Second Water-Bearing Zone .....	6
3.2.3	Third Water-Bearing Zone .....	6
4.0	CONCLUSIONS AND ANNUAL SUMMARY .....	7
4.1	GROUNDWATER ELEVATIONS .....	7
4.2	FIRST WATER-BEARING ZONE .....	7
4.3	SECOND WATER-BEARING ZONE .....	8
4.4	THIRD WATER-BEARING ZONE .....	8
5.0	REFERENCES .....	8

### TABLES

Table 1	Well Construction Details
Table 2	Groundwater Elevations
Table 3	Volatile Organic Compounds in Groundwater from Monitoring Wells

### FIGURES

Figure 1	Site Location Map
Figure 2	Potentiometric Surface in the First Water-Bearing Zone, July 2013
Figure 3	Potentiometric Surface in the First Water-Bearing Zone, October 2013
Figure 4	Potentiometric Surface in the Third Water-Bearing Zone, July 2013
Figure 5	Potentiometric Surface in the Third Water-Bearing Zone, October 2013
Figure 6	Selected VOCs in the First Water-Bearing Zone, October 2013
Figure 7	Selected VOC Concentration Trends in the First Water-Bearing Zone
Figure 8	Chlorobenzene and 1,2-DCB Concentration Trends in MW-03

### APPENDICES

Appendix A	Well Sampling Field Records
Appendix B	Laboratory Analytical Reports
Appendix C	Data Qualify Review



## THIRD AND FOURTH QUARTER 2013 GROUNDWATER MONITORING REPORT AND ANNUAL SUMMARY

Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

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

On July 30 and October 28 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 events and also includes a summary of the monitoring conducted in 2013.

### 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. The site consists of an approximately 4.97-acre parcel. A separate 1.36-acre parcel is also present to the south at 6707 Golden Gate Drive and was recently decoupled from the ACEH case for the 4.97-acre parcel. A new case has been opened for the Crown Chevrolet South Parcel. No groundwater impacts have been identified in the 1.36-acre parcel, and the case is currently proposed to be closed.

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

- Volatile organic compounds (VOCs), primarily tetrachloroethene (PCE) and trichloroethene (TCE), are present in shallow groundwater throughout the northern portion of the site (within the area shown on Figure 2). The PCE and TCE are attributed to an off-site source 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 the results from the previous investigations is included in AMEC's *Soil, Groundwater, and Soil Vapor Investigation Report* (AMEC, 2012b). At this time, site redevelopment is 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). Beginning in January 2013, the site wells were sampled once each quarter. The third and fourth quarter monitoring events, conducted July 30 and October 28, 2013, are reported herein.

## **2.0 GROUNDWATER MONITORING ACTIVITIES**

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

On July 30 and October 28, 2013, groundwater samples were collected from the 15 wells and well ports at the site. The monitoring well network at the site consists of three shallow monitoring wells screened in the first water-bearing zone; and four continuous multichannel tubing (CMT) wells, each with three ports (in the first water-bearing zone and in two deeper zones). Construction details for the monitoring wells and the CMT wells are presented in Table 1.

### **2.1 GROUNDWATER ELEVATION GAUGING**

Prior to collecting depth-to-groundwater measurements, the well cap was first removed from each well and the water levels were allowed to equilibrate. Equilibration was considered complete when two depth-to-groundwater measurements collected within several minutes at a well were equivalent. The depth-to-groundwater measurements were made to an accuracy of 0.01 foot with an electric sounder. The depth to groundwater at each well was recorded on well sampling field record. Copies of the well sampling records from July and October 2013 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 20 to 200 milliliters per minute (mL/min). During purging, the following field measurements were recorded and documented on field records: dissolved oxygen, oxidation/reduction potential, temperature, pH, and specific conductance. Copies of the well sampling field records are included in Appendix A. Purging was considered complete when these parameters had stabilized (three consecutive readings within the following limits:  $\pm 3$  percent change in conductivity,  $\pm 0.2$  pH units,  $\pm 0.2$  mg/l for dissolved oxygen,  $\pm 20$  mV for oxidation-reduction potential, and turbidity is  $\pm 10$  percent or  $< 10$  NTU). However, due to slow recharge, several ports at monitoring wells MP-01 through MP-04 were purged dry and then sampled; field parameters did not stabilize. During the third and fourth quarters, a sample was collected at port MP-03-2 prior to purging dry and before stabilization due to a history of slow recharge at that well.

Following purging, groundwater samples were collected from each well into laboratory-provided volatile organic analysis (VOA) containers preserved with hydrochloric acid, using a peristaltic pump. Each sample was immediately labeled with a unique identifier and the sample collection time, and then stored in an ice-chilled cooler pending transport to the analytical laboratory under AMEC chain-of-custody procedures. Purge water generated during sampling activities was placed in a 55 gallon drum. The drum is labeled and stored on-site pending off-site disposal.

One blind field duplicate groundwater sample was collected during each event from monitoring well MW-01. 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 the third and fourth quarter groundwater monitoring events using guidelines set forth in the U.S. Environmental Protection Agency's (EPA's) *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (U.S. EPA, 2013). The complete data quality review, which was

reviewed and acknowledged by an AMEC 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 the result of discrete peaks (caused by PCE and/or 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 third and fourth quarter 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 July 30 and October 28, 2013. The depths to groundwater and calculated groundwater surface elevations are shown in Table 2.

AMEC has identified and collected groundwater samples from three water bearing zones at the site. Based on observed lithology and water level elevations, the first and third water-bearing zones appear to represent generally well-connected water-bearing zones. Lithologic observations and water level elevations in second water-bearing zone indicate that it may not have the same degree of connectivity.

In the first water-bearing zone at the site, groundwater moves in an approximately easterly direction and the magnitude of the lateral hydraulic gradient was approximately 0.0025 feet per foot on July 30, 2013 and 0.0016 feet per foot on October 28, 2013. In the third water-bearing

zone at the site, groundwater moves in an approximately northeasterly direction and the magnitude of the lateral hydraulic gradient was approximately 0.0041 feet per foot on July 30, 2013 and 0.0045 feet per foot on October 28, 2013. Note that the wells in the second and third water-bearing zones are located close to an east-west trending line, making it difficult to gauge the precise direction of groundwater movement. Lateral gradients were not evaluated for the second water-bearing zone, as the depth to water measured in the second deepest port of one well (MP-03-2) does not appear to be representative of the potentiometric surface and not enough additional data are available to evaluate the direction of groundwater movement. Additionally, the water level measured in MW-03 in October 2013 did not appear to be representative of the potentiometric surface and was not included in calculations of hydraulic gradient or potentiometric surface maps for the fourth quarter. The potentiometric surface maps for first and third water-bearing zones during the third and fourth quarters of 2013 are presented on Figures 2 through 5.

Vertical hydraulic gradients were calculated for the intervals between the first and second water-bearing zones (i.e., from approximately 15 to 45 feet bgs) and between the second and third water-bearing zones (i.e., from approximately 45 to 60 feet bgs) in multi-port wells MP-01 through MP-04. For the approximately 15- to 45-foot interval, vertical gradients ranged from 0.066 feet per foot upward to 0.046 feet per foot downward on July 30, 2013, and from 0.017 to 0.051 feet per foot downward on October 28, 2013. For the approximately 45- to 60-foot interval, vertical gradients ranged from 0.095 to 0.22 feet per foot downward on July 30, 2013, and from 0.091 to 0.12 feet per foot downward on October 28, 2013. Vertical gradients were not calculated for monitoring well MP-03, as the depth to water measured in the second port (MP-03-2) does not appear to be representative of the potentiometric surface.

### **3.2 GROUNDWATER ANALYTICAL RESULTS**

As discussed above, during each quarterly monitoring event 15 groundwater samples were collected from three water-bearing zones at the site (from monitoring wells MW-01 through MW-03 and MP-01 through MP-04) and analyzed for VOCs, including TPHg. The analytical results are summarized in Table 3, and PCE and TCE concentrations in the first water-bearing zone are presented on Figure 4.

For discussion purposes, groundwater analytical results from the July and October 2013 monitoring events 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 July and October 2013 monitoring results is presented in the following sections.

### **3.2.1 First Water-Bearing Zone**

In July 2013, 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-04-1, MW-02, and MW-03; and both cis-1,2-DCE and trans-1,2-DCE at MP-02-1). 1,2-Dichlorobenzene (1,2-DCB) was detected in groundwater from monitoring well MW-03, located near the former sump within Building B, and acetone was detected in groundwater from monitoring well MP-04-1 (acetone is a common laboratory contaminant and is not a constituent of concern for the site). No other VOCs were detected.

In October 2013, PCE and TCE were also detected in groundwater samples collected from all monitoring wells screened within the first water-bearing zone. Cis-1,2-DCE and/or 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-DCB and chlorobenzene were detected in groundwater from monitoring well MW-03. No other VOCs were detected.

Some concentrations of PCE and TCE were greater than their respective ESLs for groundwater that is assumed to be a potential drinking water resource. During the July and October 2013 monitoring events, PCE was detected in groundwater samples collected from six of the seven wells in the first water-bearing zone at concentrations greater than the ESL of 5 µg/L (at a maximum concentration of 210 µg/L in MW-01 in July 2013). TCE was detected in groundwater samples from four of the seven wells in the first water-bearing zone in July 2013 and five of those wells in October 2013 at concentrations greater than the ESL of 5 µg/L (at a maximum concentration of 56 µg/L in MP-02-1 in October 2013). None of the detected concentrations of cis-1,2-DCE, trans-1,2-DCE or 1,2-DCB were greater than their respective ESLs.

### **3.2.2 Second Water-Bearing Zone**

PCE was detected in the groundwater sample collected from MP-04-2 in July, and TCE was detected in the groundwater samples collected from MP-02-2 in both July and October. The PCE and TCE concentrations were less than their respective ESLs. In October 2013, cis-1,2-DCE was detected in groundwater from monitoring wells MP-01-2 and MP-02-2; the concentration of cis-1,2-DCE in monitoring wells MP-01-2 was greater than the ESL. No other VOCs were detected in the second water-bearing zone.

### **3.2.3 Third Water-Bearing Zone**

TCE was detected in the October 2013 groundwater sample collected from MP-02-3 at a concentration less than the ESL. Acetone was also detected in groundwater samples collected



from MP-02-3 in July and MP-03-3 in October. The detected concentrations of acetone were less than the ESL. As noted above, acetone is a common laboratory contaminant and is not a constituent of concern for the site.

#### **4.0 CONCLUSIONS AND ANNUAL SUMMARY**

Conclusions and a summary of VOC results following over one year of monitoring are presented in the following sections.

##### **4.1 GROUNDWATER ELEVATIONS**

The measured depths to groundwater (Table 2) were an average of approximately 0.40 feet lower in July 2013 than in May 2013 (excluding MP-03-2, which decreased by more than 6 feet and does not appear to be representative of the potentiometric surface). The measured depths to groundwater were an average of 0.84 feet lower in October 2013 than in July 2013 (excluding MP-03-2, which increased by more than 3 feet and does not appear to be representative of the potentiometric surface). During both quarters, the potentiometric surface elevations decreased by a comparable amount in each water-bearing zone. The October 2013 groundwater elevations were the lowest measured to date for all wells/ports, with the exception of MP-02-2 and MP-03-2, likely resulting from lower-than-average rainfall in 2013.

##### **4.2 FIRST WATER-BEARING ZONE**

As of October 2013, five groundwater monitoring events have been conducted, allowing for assessment of concentration trends over a period of more than one year. PCE and TCE, the primary constituents of concern, have been consistently detected throughout the first water-bearing zone in northern portion of the site, and their concentrations, in addition to cis-1,2-DCE, are plotted over time on Figure 7.

In general, PCE concentrations in the first water-bearing zone have remained stable. PCE concentrations increased slightly in most wells until spring/summer 2013 and then decreased in October. This variation is likely seasonal, but future groundwater monitoring will provide more information regarding the seasonality of the concentration trends. The exception to this trend is at monitoring well MP-04-1, where PCE concentrations are relatively low, but the highest concentration to date was detected in October 2013.

TCE concentrations have also remained relatively stable, although two wells (MP-01-1 and MP-04-1) show an increasing trend. This trend may be indicative of increased degradation of PCE to TCE. Concentration trends for cis-1,2-DCE are generally similar to those for TCE.

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

time on Figure 8. Chlorobenzene has been sporadically detected. 1,2-Dichlorobenzene has been consistently detected; concentrations have remained stable. No other related constituents (including benzene) have been detected in MW-03.

#### **4.3 SECOND WATER-BEARING ZONE**

Several VOCs (PCE, TCE, cis-1,2-DCE, acetone, and 2-hexanone) have been detected in the second water-bearing zone. Most detections have been sporadic, with the exception that TCE was regularly detected at very low concentrations in monitoring well MP-02-2 in 2013.

#### **4.4 THIRD WATER-BEARING ZONE**

Several VOCs (TCE, TPHg, acetone, and 2-hexanone) have been sporadically detected in the third water-bearing zone.

#### **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.
- AMEC, 2013c, Second Quarter 2013 Groundwater Monitoring Report, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, August 12.
- 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  
Dublin, California

Well Type	Monitoring Well ID	Port	Date Installed	Survey Data					Construction Information <sup>1</sup>						
				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
								NAD 83/NGVD 88		36.4	36.7		0.375	0.010	#2/12 sand
								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
								NAD 83/NGVD 88		42.9	43.2		0.375	0.010	#2/12 sand
								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
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  
Dublin, California

Sample Location	Date	Top-of-Casing Elevation (feet MSL)	Depth to Groundwater (feet BTOC)	Groundwater Elevation <sup>1</sup> (feet MSL)
<b>First Water-Bearing Zone</b>				
MP-01-1	9/10/2012	343.20	13.33	329.87
	1/29/2013		11.49	331.71
	5/29/2013		12.53	330.67
	7/30/2013		13.09	330.11
	10/28/2013		14.03	329.17
MP-02-1	9/10/2012	341.15	11.83	329.32
	1/29/2013		10.30	330.85
	5/29/2013		11.11	330.04
	7/30/2013		11.65	329.50
	10/28/2013		12.44	328.71
MP-03-1	9/10/2012	342.21	12.94	329.27
	1/29/2013		11.33	330.88
	5/29/2013		12.21	330.00
	7/30/2013		12.74	329.47
	10/28/2013		13.48	328.73
MP-04-1	9/10/2012	341.22	12.41	328.81
	1/29/2013		10.77	330.45
	5/29/2013		11.51	329.71
	7/30/2013		12.11	329.11
	10/28/2013		12.61	328.61
MW-01	9/10/2012	344.24	14.64	329.60
	1/29/2013		12.96	331.28
	5/29/2013		13.89	330.35
	7/30/2013		14.44	329.80
	10/28/2013		15.24	329.00
MW-02	9/10/2012	340.24	10.90	329.34
	1/29/2013		9.35	330.89
	5/29/2013		10.20	330.04
	7/30/2013		10.72	329.52
	10/28/2013		11.49	328.75
MW-03	9/10/2012	343.77	14.62	329.15
	1/29/2013		14.53	329.24
	5/29/2013		13.90	329.87
	7/30/2013		14.37	329.40
	10/28/2013		14.72	329.05

**TABLE 2**

**GROUNDWATER ELEVATIONS**

Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

Sample Location	Date	Top-of-Casing Elevation (feet MSL)	Depth to Groundwater (feet BTOC)	Groundwater Elevation <sup>1</sup> (feet MSL)
<b>Second Water-Bearing Zone</b>				
MP-01-2	9/10/2012	343.20	14.38	328.82
	1/29/2013		12.59	330.61
	5/29/2013		13.67	329.53
	7/30/2013		14.26	328.94
	10/28/2013		15.08	328.12
MP-02-2	9/10/2012	341.15	13.93	327.22
	1/29/2013		10.67	330.48
	5/29/2013		11.50	329.65
	7/30/2013		10.07	331.08
	10/28/2013		12.84	328.31
MP-03-2	9/10/2012	342.21	39.76	302.45
	1/29/2013		15.00	327.21
	5/29/2013		15.93	326.28
	7/30/2013		22.15	320.06
	10/28/2013		19.03	323.18
MP-04-2	9/10/2012	341.22	13.83	327.39
	1/29/2013		11.95	329.27
	5/29/2013		12.77	328.45
	7/30/2013		13.31	327.91
	10/28/2013		13.94	327.28
<b>Third Water-Bearing Zone</b>				
MP-01-3	9/10/2012	343.20	15.63	327.57
	1/29/2013		14.19	329.01
	5/29/2013		15.08	328.12
	7/30/2013		15.67	327.53
	10/28/2013		16.43	326.77
MP-02-3	9/10/2012	341.15	14.88	326.27
	1/29/2013		13.38	327.77
	1/29/2013		14.24	326.91
	7/30/2013		14.61	326.54
	10/28/2013		15.39	325.76
MP-03-3	9/10/2012	342.21	15.66	326.55
	1/29/2013		14.28	327.93
	5/29/2013		15.12	327.09
	7/30/2013		15.74	326.47
	10/28/2013		16.33	325.88

**TABLE 2**

**GROUNDWATER ELEVATIONS**

Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

<b>Sample Location</b>	<b>Date</b>	<b>Top-of-Casing Elevation (feet MSL)</b>	<b>Depth to Groundwater (feet BTOC)</b>	<b>Groundwater Elevation<sup>1</sup> (feet MSL)</b>
MP-04-3	9/10/2012	341.22	15.12	326.10
	1/29/2013		13.78	327.44
	5/29/2013		14.65	326.57
	7/30/2013		15.25	325.97
	10/28/2013		15.83	325.39

Note

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  
Dublin, California

Concentrations reported in micrograms per liter (µg/L)

Location	Sample ID	Sample Type	Date	Acetone	Bromo-dichloro-methane	Chloro-benzene	Chloro-form	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,1-Dichloro-ethene	trans-1,2-Dichloro-ethene	2-Hex-anone	PCE	TCE	TPHg	All Other VOCs
<b>First Water-Bearing Zone</b>																
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-01-1	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	150	1.8	140 R	ND
	MP-01-1	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	140	5.1	120 R	ND
MP-02	MP-02-1	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	1.2	15	<50	ND
	MP-02-10	Duplicate	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	1.6	19	<50	ND
	MP-02-1	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	0.80	<50	6.6	61	100 R	ND
	MP-02-1	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		0.88	<50	1.0	43	94 R	ND
	MP-02-1	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		0.65	<50	3.0	55	<50	ND
	MP-02-1	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		0.92	<50	0.53	56	70 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	<0.50	<0.50	<50	150	11	230 R	ND
	MP-03-1	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		<0.50	<50	170	13	140 R	ND
	MP-03-1	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	160	10	170 R	ND
	MP-03-1	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		<0.50	<50	120	12	150 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		<0.50	<50	26	13	52 R	ND
	MP-04-1	Primary	7/30/2013	240	<0.50	<0.50	<1.0	<0.50	<0.50		<0.50	<50	24	13	<50	ND
	MP-04-1	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		<0.50	<50	31	24	65 R	ND
MW-01	MW-01-(17-22)-GW <sup>1</sup>	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-01	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	160	1.5	120 R	ND
	MW-100	Duplicate	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	210	1.6	140 R	ND
	MW-01	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	150	1.9	150 R	ND
	MW-100	Duplicate	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	150	1.8	160 R	ND

TABLE 3

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS

Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

Concentrations reported in micrograms per liter (µg/L)

Location	Sample ID	Sample Type	Date	Acetone	Bromo-dichloro-methane	Chloro-benzene	Chloro-form	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,1-Dichloro-ethene	trans-1,2-Dichloro-ethene	2-Hex-anone	PCE	TCE	TPHg	All Other VOCs
MW-02	MW-02-(15-20)-GW <sup>1</sup>	Primary	8/30/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<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	<0.50	0.54	<50	19	15	<50	ND
	MW-02	Primary	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		<0.50	<50	20	26	51 R	ND
	MW-200	Duplicate	5/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		<0.50	<50	15	23	<50	ND
	MW-02	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		<0.50	<50	19	21	<50	ND
MW-02	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		<0.50	<50	10	6.6	<50	ND	
MW-03	MW-03-(15-20)-GW <sup>1</sup>	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	<0.50	<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	<50	7.5	0.85	<50	ND
	MW-03	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	1.4		<0.50	<50	11	1.1	<50	ND
	MW-03	Primary	10/28/2013	<50	<0.50	0.96	<1.0	<0.50	1.6		<0.50	<50	6.9	0.63	<50	ND
<b>Second Water-Bearing Zone</b>																
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	<50	<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-01-2	Primary	7/30/2013	<50	<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	10/28/2013	<50	<0.50	<0.50	<1.0	<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	<0.50	<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-02-2	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	<0.50	1.3	<50	ND
	MP-02-2	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50		<0.50	<50	<0.50	1.9	<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-03-2	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	MP-03-2	Primary	10/28/2013	<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-04-2	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
	MP-04-2	Primary	7/30/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	0.53	<0.50	<50	ND
	MP-04-2	Primary	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND

TABLE 3

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS

Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

Concentrations reported in micrograms per liter (µg/L)

Location	Sample ID	Sample Type	Date	Acetone	Bromo-dichloro-methane	Chloro-benzene	Chloro-form	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,1-Dichloro-ethene	trans-1,2-Dichloro-ethene	2-Hex-anone	PCE	TCE	TPHg	All Other VOCs
<b>Third Water-Bearing Zone</b>																
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	<b>59</b>	<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-01-3	Primary	7/30/2013	<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	10/28/2013	<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	<b>130</b>	<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	<b>0.54</b>	<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-02-3	Primary	7/30/2013	<b>77</b>	<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	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<b>0.76</b>	<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-03-3	Primary	7/30/2013	<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	10/28/2013	<b>75</b>	<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	<b>150</b>	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<b>86</b>	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
	MP-04-3	Primary	7/30/2013	<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	10/28/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
<b>Environmental Screening Level (groundwater is a potential or current drinking water resource)<sup>2</sup></b>				<b>1500</b>	<b>100</b>	<b>25</b>	<b>70</b>	<b>80</b>	<b>10</b>	<b>6</b>	<b>10</b>	<b>--</b>	<b>5</b>	<b>5</b>	<b>100</b>	<b>--</b>



TABLE 3

**VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS**

Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

Notes:

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

Results shown in **bold** indicate a detection.

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

Abbreviations:

< = not detected at or above the laboratory reporting limit shown

-- = not applicable

J = the analyte was positively identified, and the associated numerical value is the approximate concentration of the analyte in the sample

PCE = tetrachloroethene

R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

TCE = trichloroethene

µg/L = micrograms per liter

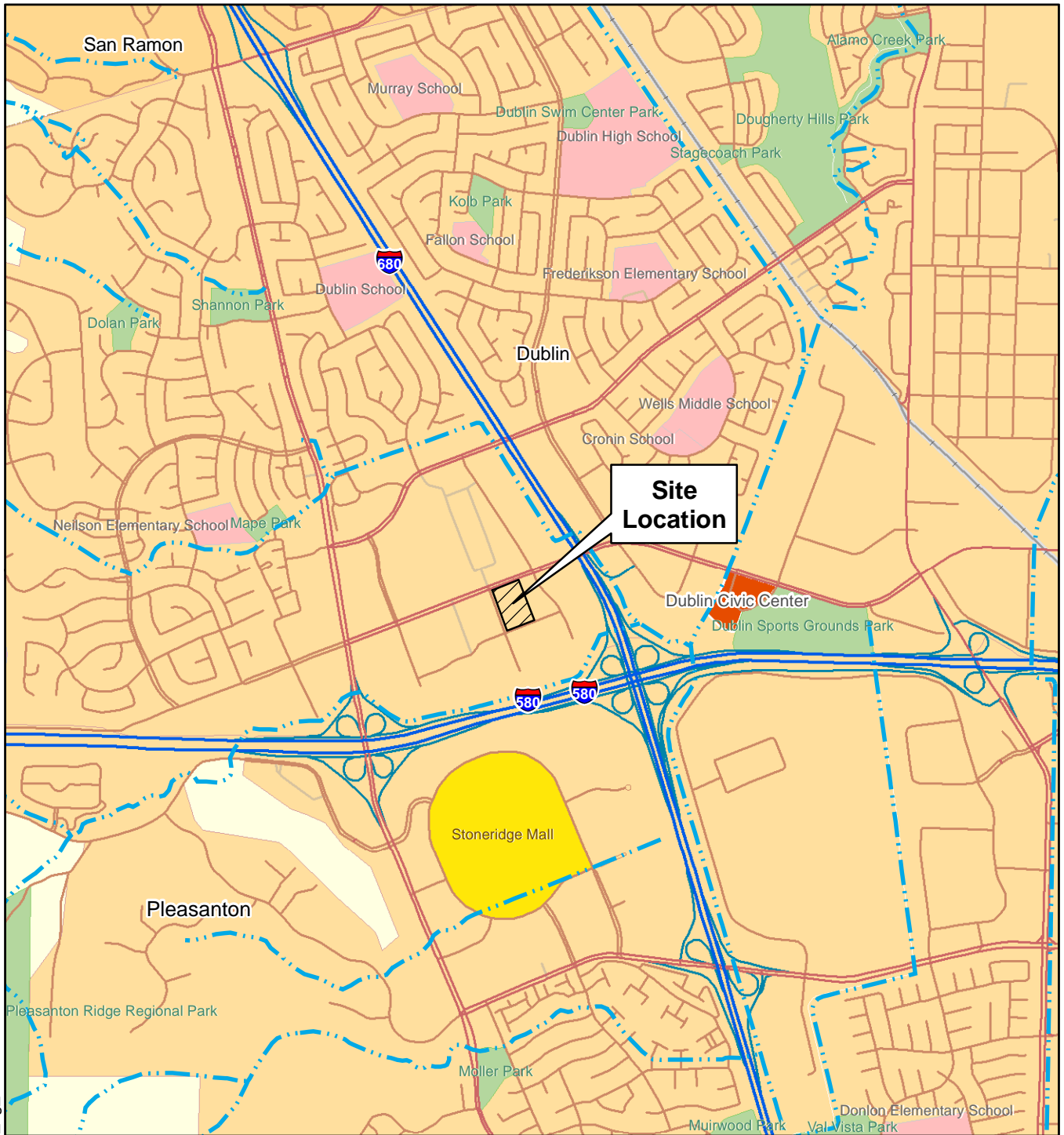
UJ = the analyte was not detected at a level greater than or equal to the quantitation limit shown; the quantitation limit is approximate and may be inaccurate or imprecise.

U.S. EPA = U.S. Environmental Protection Agency

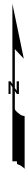
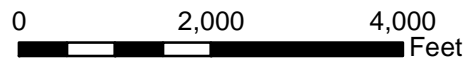
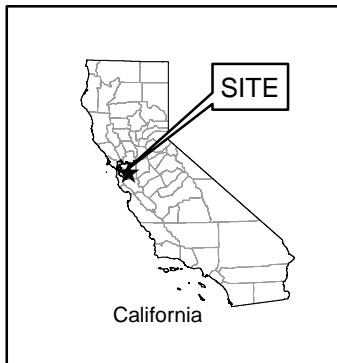
VOCs = volatile organic compounds

**FIGURES**

---



Street map from ESRI, 2007.



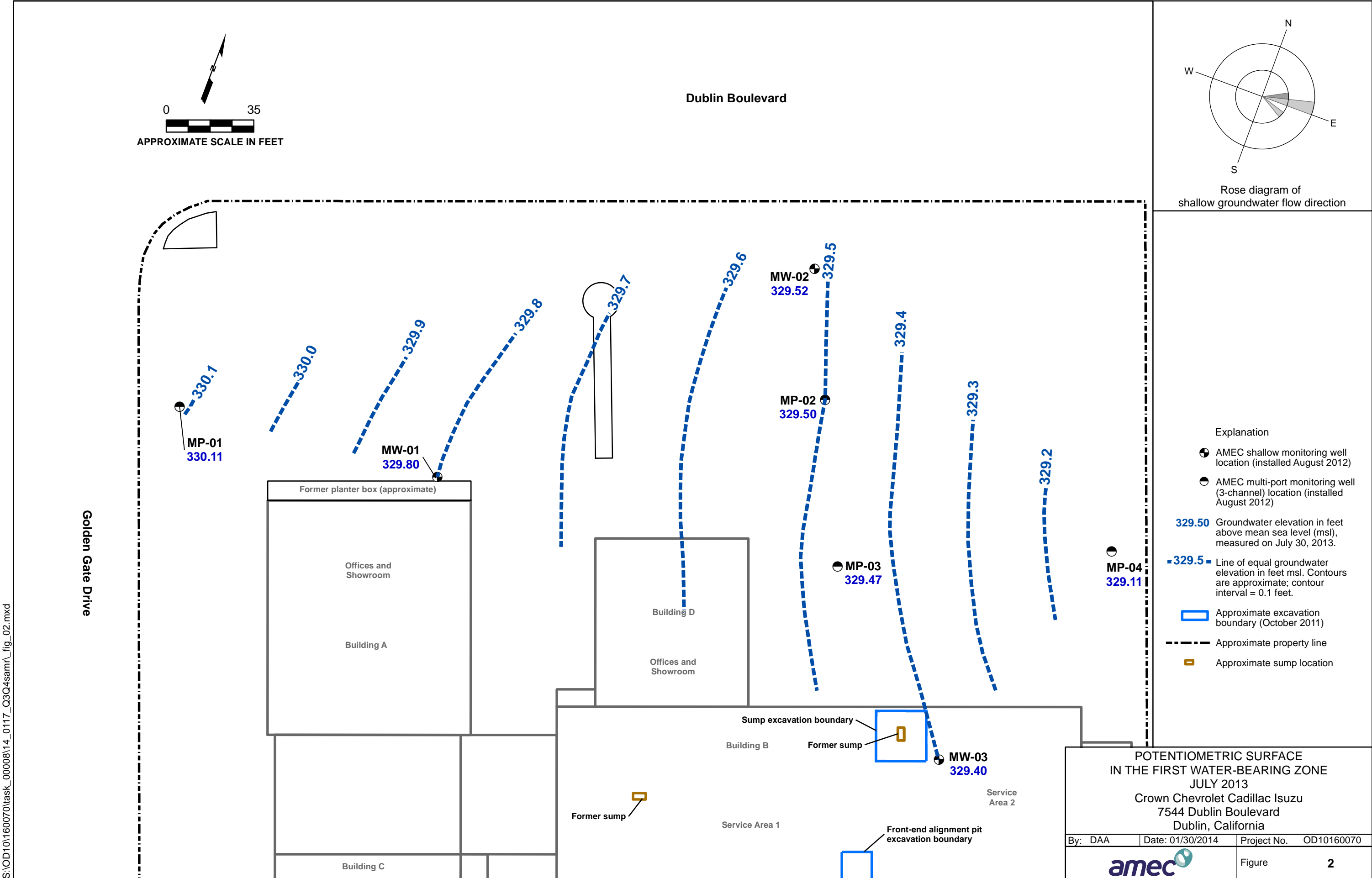
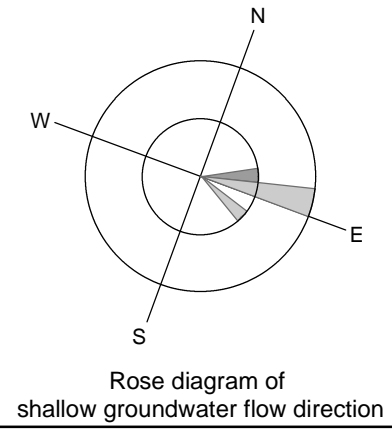
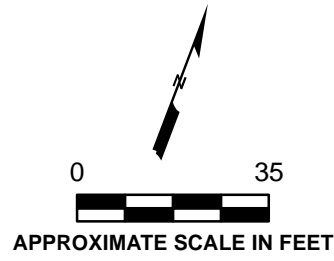
**SITE LOCATION MAP**  
 Crown Chevrolet Cadillac Isuzu  
 7544 Dublin Boulevard  
 Dublin, California

By: DAA	Date: 01/29/2014	Project No. OD10160070
---------	------------------	------------------------



Figure	<b>1</b>
--------	----------

S:\OD10160070\task\_00008\14\_0117\_Q3Q4samr\_fig\_01.mxd

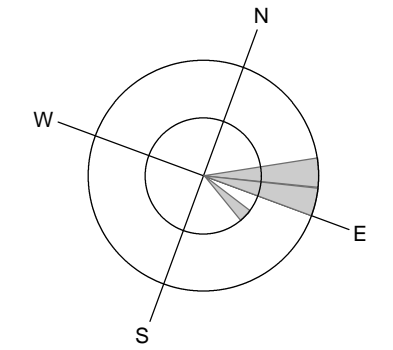
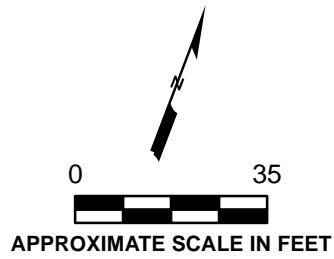


- Explanation
- AMEC shallow monitoring well location (installed August 2012)
  - AMEC multi-port monitoring well (3-channel) location (installed August 2012)
  - 329.50 Groundwater elevation in feet above mean sea level (msl), measured on July 30, 2013.
  - 329.5- Line of equal groundwater elevation in feet msl. Contours are approximate; contour interval = 0.1 feet.
  - Approximate excavation boundary (October 2011)
  - - - Approximate property line
  - ▭ Approximate sump location

POTENTIOMETRIC SURFACE  
IN THE FIRST WATER-BEARING ZONE  
JULY 2013  
Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

By: DAA	Date: 01/30/2014	Project No. OD10160070
amec		Figure 2

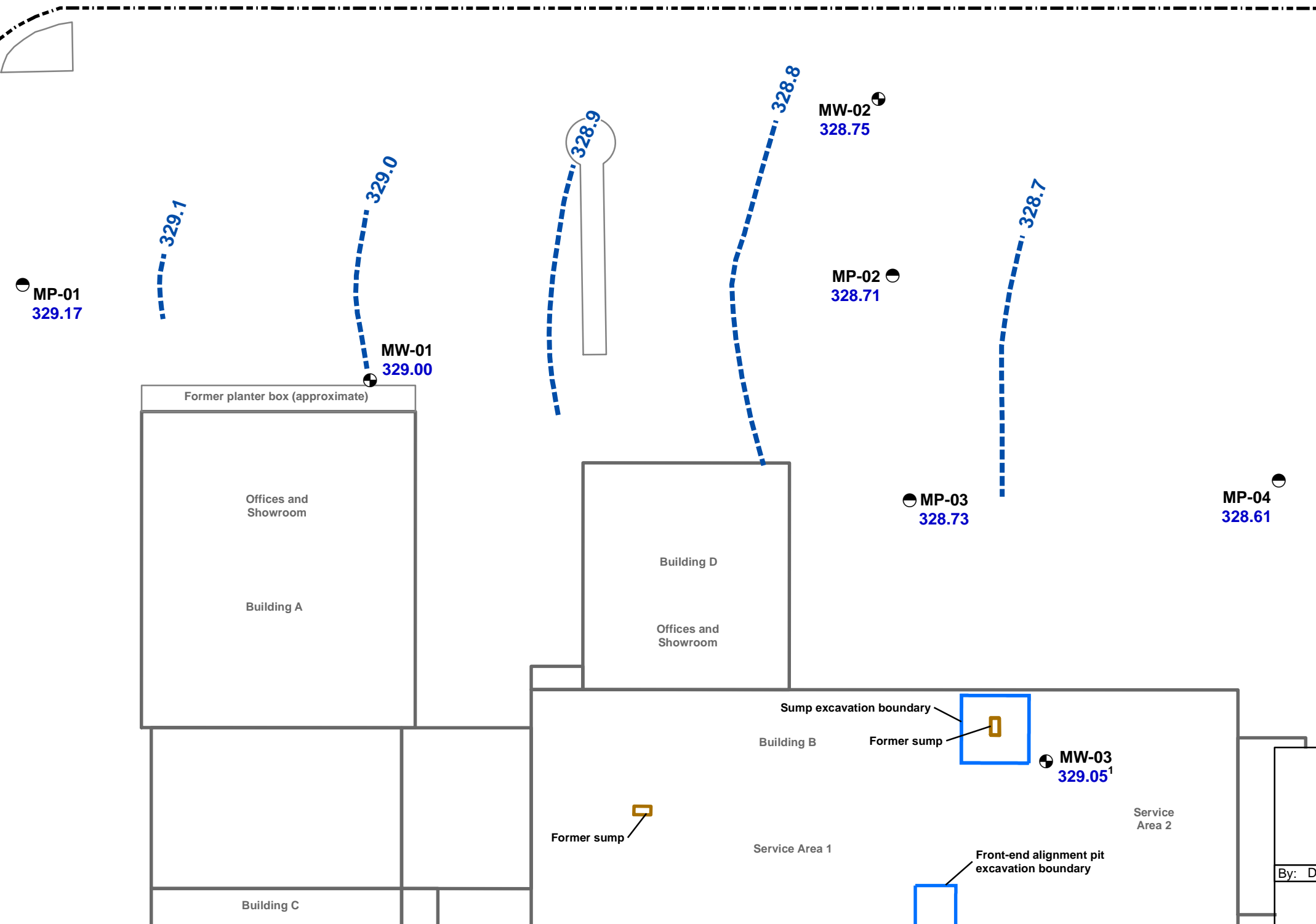
S:\OD10160070\task\_00008114\_0117\_Q3Q4samr\fig\_02.mxd



Rose diagram of shallow groundwater flow direction

Dublin Boulevard

Golden Gate Drive



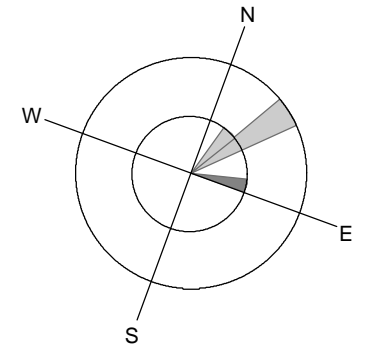
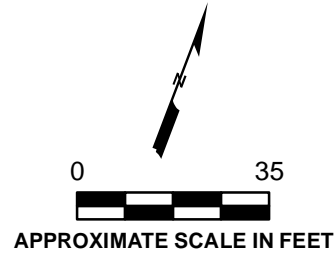
- Explanation
- AMEC shallow monitoring well location (installed August 2012)
  - AMEC multi-port monitoring well (3-channel) location (installed August 2012)
  - 329.00** Groundwater elevation in feet above mean sea level (msl), measured on October 28, 2013.
  - 329.0---** Line of equal groundwater elevation in feet msl. Contours are approximate; contour interval = 0.1 feet.
  - Approximate excavation boundary (October 2011)
  - Approximate property line
  - Approximate sump location

Note:  
1. The water level measured in MW-03 on October 28, 2013 does not appear to reflect proper equilibration with atmospheric pressure. For this reason, the groundwater elevation measured in MW-03 was not used in the contouring of the potentiometric surface.

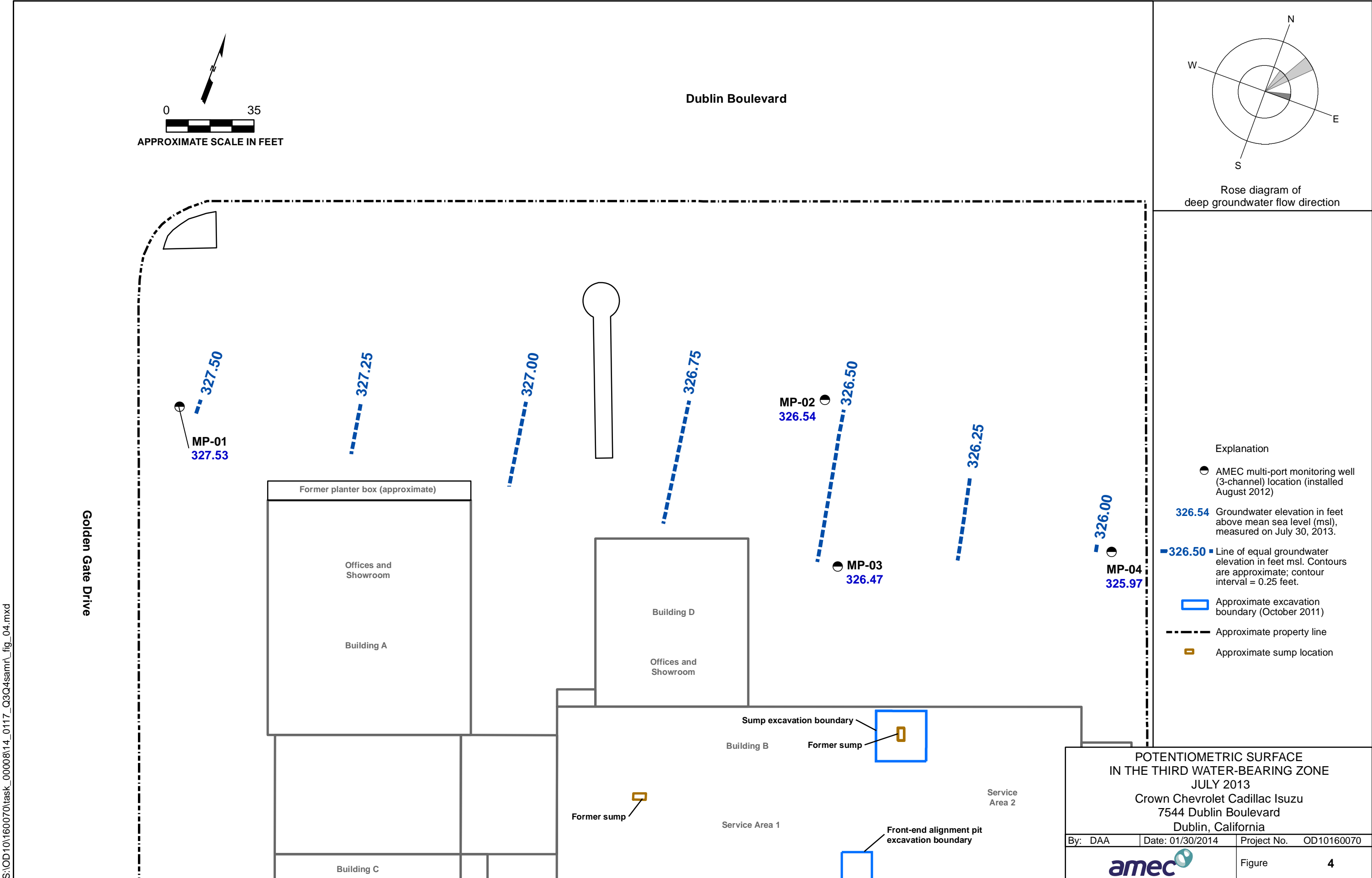
POTENTIOMETRIC SURFACE  
IN THE FIRST WATER-BEARING ZONE  
OCTOBER 2013  
Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

By: DAA Date: 01/30/2014 Project No. OD10160070

S:\OD10160070\task\_00008114\_0117\_Q3Q4samr\fig\_03.mxd



Rose diagram of deep groundwater flow direction



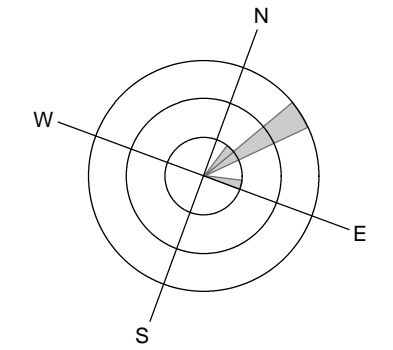
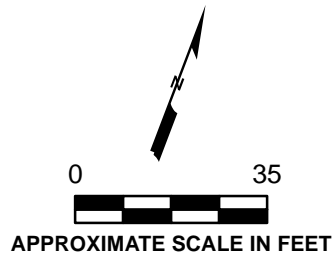
- Explanation
- AMEC multi-port monitoring well (3-channel) location (installed August 2012)
  - 326.54 Groundwater elevation in feet above mean sea level (msl), measured on July 30, 2013.
  - 326.50 — Line of equal groundwater elevation in feet msl. Contours are approximate; contour interval = 0.25 feet.
  - Approximate excavation boundary (October 2011)
  - - - Approximate property line
  - Approximate sump location

**POTENTIOMETRIC SURFACE  
IN THE THIRD WATER-BEARING ZONE  
JULY 2013**

Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

By: DAA	Date: 01/30/2014	Project No. OD10160070
		Figure 4

S:\OD10160070\task\_0000814\_0117\_Q3Q4samr\fig\_04.mxd



Rose diagram of deep groundwater flow direction

Dublin Boulevard

Golden Gate Drive

MP-01  
326.77

326.50

326.25

326.00

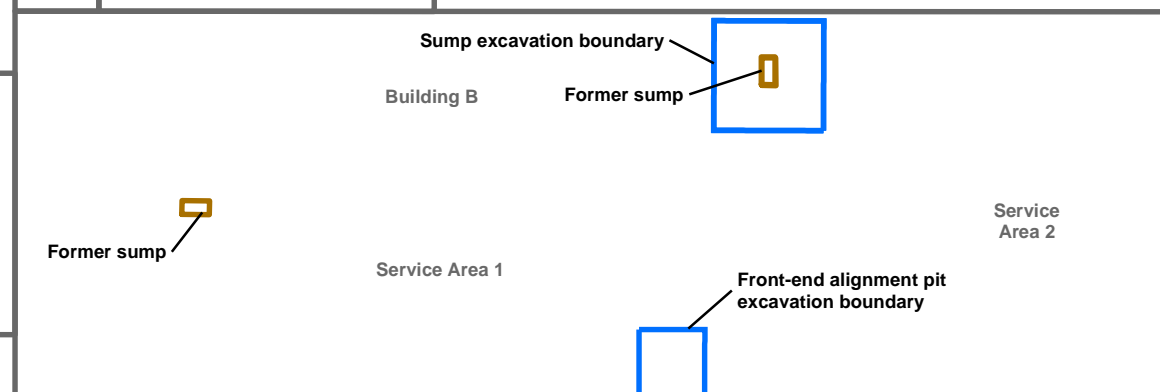
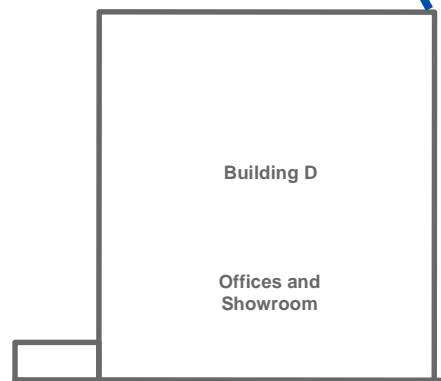
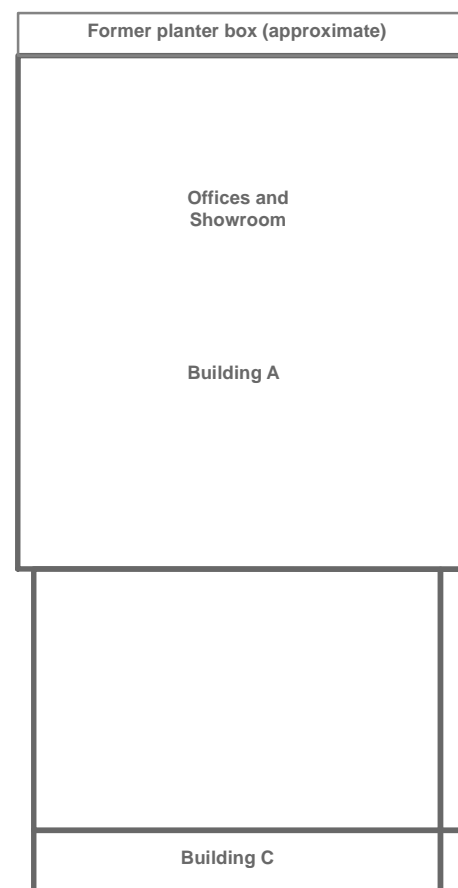
MP-02  
325.76

325.75

MP-03  
325.88

325.50

MP-04  
325.39



- Explanation
- AMEC multi-port monitoring well (3-channel) location (installed August 2012)
  - 326.77** Groundwater elevation in feet above mean sea level (msl), measured on October 28, 2013.
  - 326.75** 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

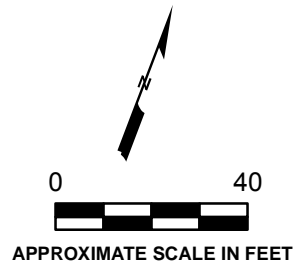
**POTENTIOMETRIC SURFACE  
IN THE THIRD WATER-BEARING ZONE  
OCTOBER 2013**

Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

By: DAA	Date: 01/30/2014	Project No. OD10160070	
			Figure <b>5</b>

S:\OD10160070\task\_00008114\_0117\_Q3Q4samr\fig\_05.mxd

S:\OD10\160070\task\_00008\14\_0117\_Q3Q4sam\fig\_06.mxd



Dublin Boulevard

MP-01			
Date	TCE	PCE	cis-1,2-DCE
9/10/2012	<0.50	120	<0.50
1/29/2013	0.80	160	<0.50
5/29/2013	1.6	190	<0.50
7/30/2013	1.8	150	<0.50
10/28/2013	5.1	140	14

MP-01

MW-01			
Date	TCE	PCE	cis-1,2-DCE
9/10/2012	1.2/1.3	150/160	<0.50/<0.50
1/29/2013	1.1/1.1	160/160	<0.50/<0.50
5/29/2013	1.1	170	<0.50
7/30/2013	1.5/1.6	160/210	<0.50/<0.50
10/28/2013	1.9/1.8	150/150	<0.50/<0.50

MW-01

MW-02			
Date	TCE	PCE	cis-1,2-DCE
9/10/2012	6.9	16	<0.50
1/29/2013	15	19	1.6
5/29/2013	26/23	20/15	2.0/2.0
7/30/2013	21	19	1.8
10/28/2013	6.6	10	0.58

MP-02			
Date	TCE	PCE	cis-1,2-DCE
9/10/2012	15/19	1.2/1.6	1.1/1.3
1/29/2013	61	6.6	4.4
5/29/2013	43	1.0	8.2
7/30/2013	55	3.0	4.8
10/28/2013	56	0.53	5.9

MP-02

MP-03			
Date	TCE	PCE	cis-1,2-DCE
9/10/2012	6.4	120	<0.50
1/29/2013	11	150	0.63
5/29/2013	13	170	0.55
7/30/2013	10	160	<0.50
10/28/2013	12	120	0.64

MP-03

MP-04			
Date	TCE	PCE	cis-1,2-DCE
9/10/2012	1.3	4.0	<0.50
1/29/2013	8.4	20	<0.50
5/29/2013	13	26	0.67
7/30/2013	13	24	0.76
10/28/2013	24	31	1.3

MP-04

MW-03					
Date	TCE	PCE	cis-1,2-DCE	Chlorobenzene	1,2-DCB
9/10/2012	<0.50	3.2	<0.50	<0.50	<0.50
1/29/2013	1.1	11	0.6	4.8	1.7
5/29/2013	0.85	7.5	<0.50	<0.50	0.86
7/30/2013	1.1	11	0.62	<0.50	1.4
10/28/2013	0.63	6.9	<0.50	0.96	1.6

MW-03

**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
7/30/2013	55	3.0
10/28/2013	56	0.53

- Sample location
- Duplicate samples
- Analyte detected in micrograms per liter (µg/L)
- Sample date

- Approximate excavation boundary (October 2011)
- Approximate property line
- Approximate sump location

ESLs (µg/L)	
TCE	5.0
PCE	5.0
cis-1,2-DCE	6.0
Chlorobenzene	25
1,2-DCB	10

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

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

**SELECTED VOCs  
 IN THE FIRST WATER-BEARING ZONE  
 OCTOBER 2013**  
 Crown Chevrolet Cadillac Isuzu  
 7544 Dublin Boulevard  
 Dublin, California

By: DAA Date: 01/30/2014 Project No. OD10160070

Golden Gate Drive

former planter box (approximate)  
 Offices and Showroom  
 Building A

Building D  
 Offices and Showroom

Building B  
 Former sump  
 Sump excavation boundary

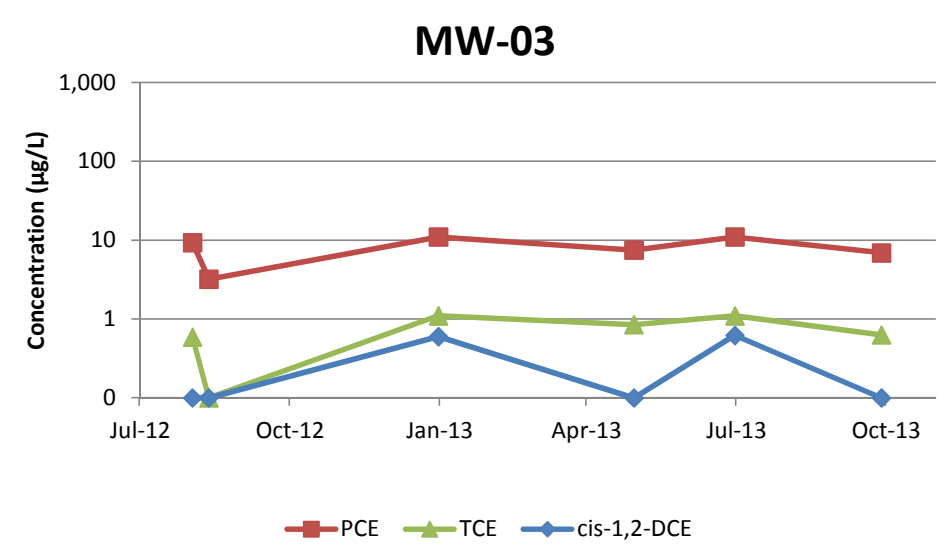
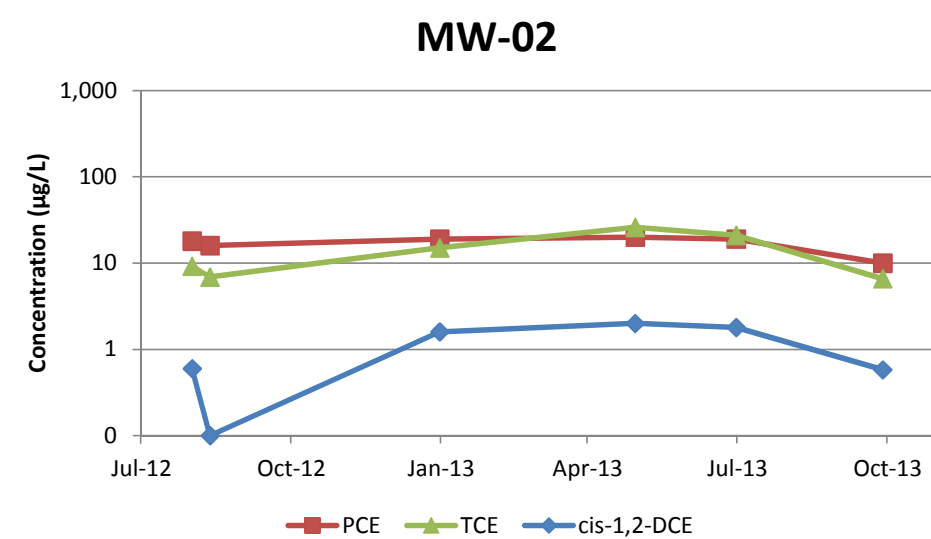
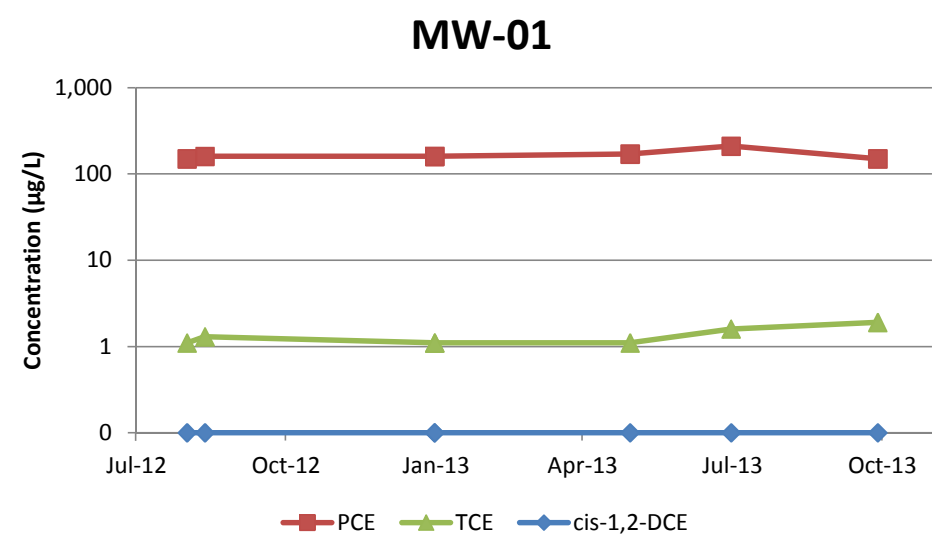
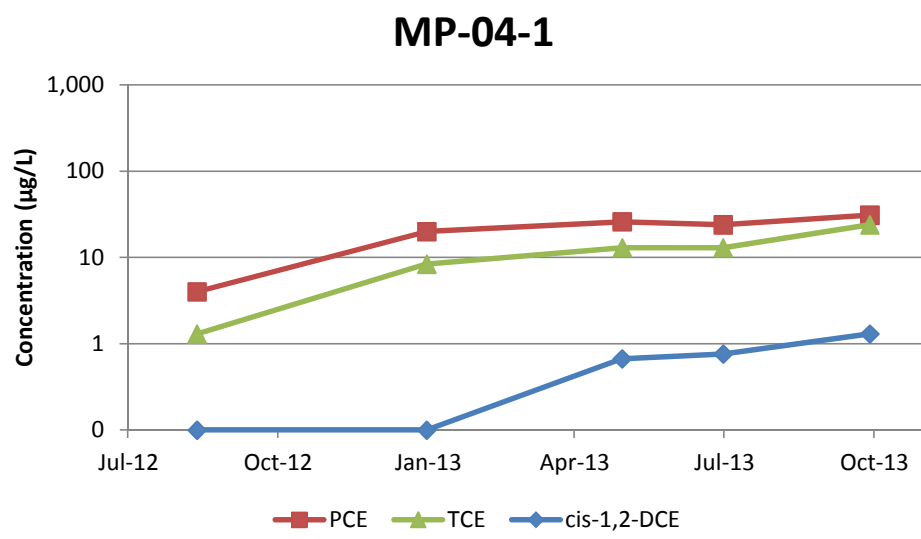
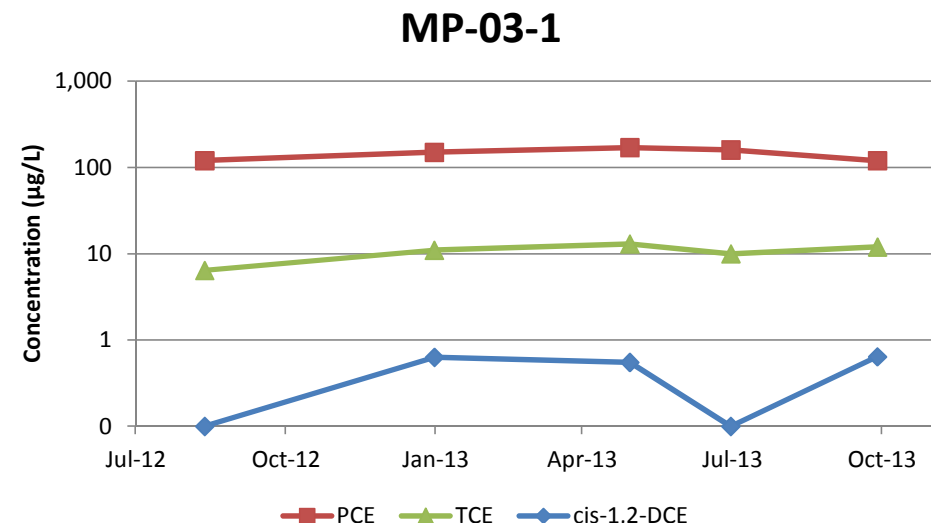
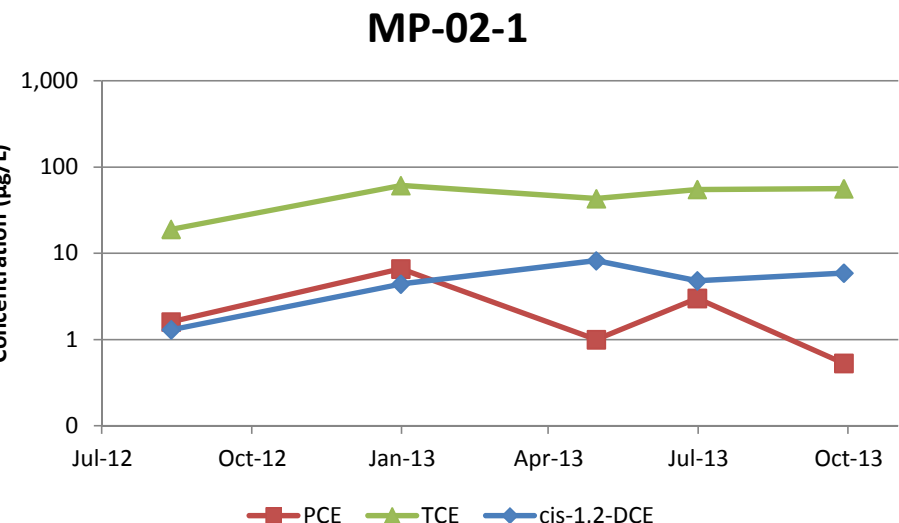
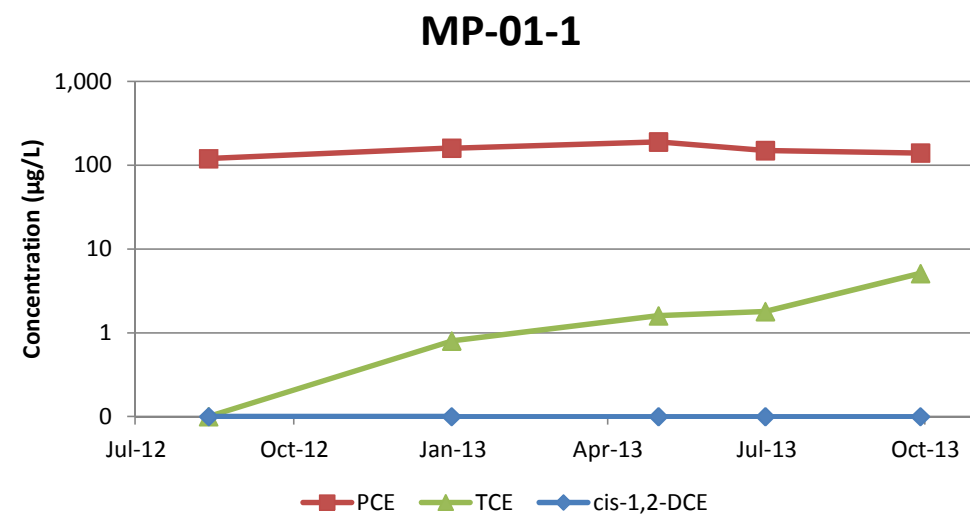
Building C

Compressor Storage Area  
 1,000-Gallon Waste Oil UST  
 Auto Detailing

Service Area 1  
 Front-end alignment pit excavation boundary  
 1,000-Gallon Gasoline UST

Drive-



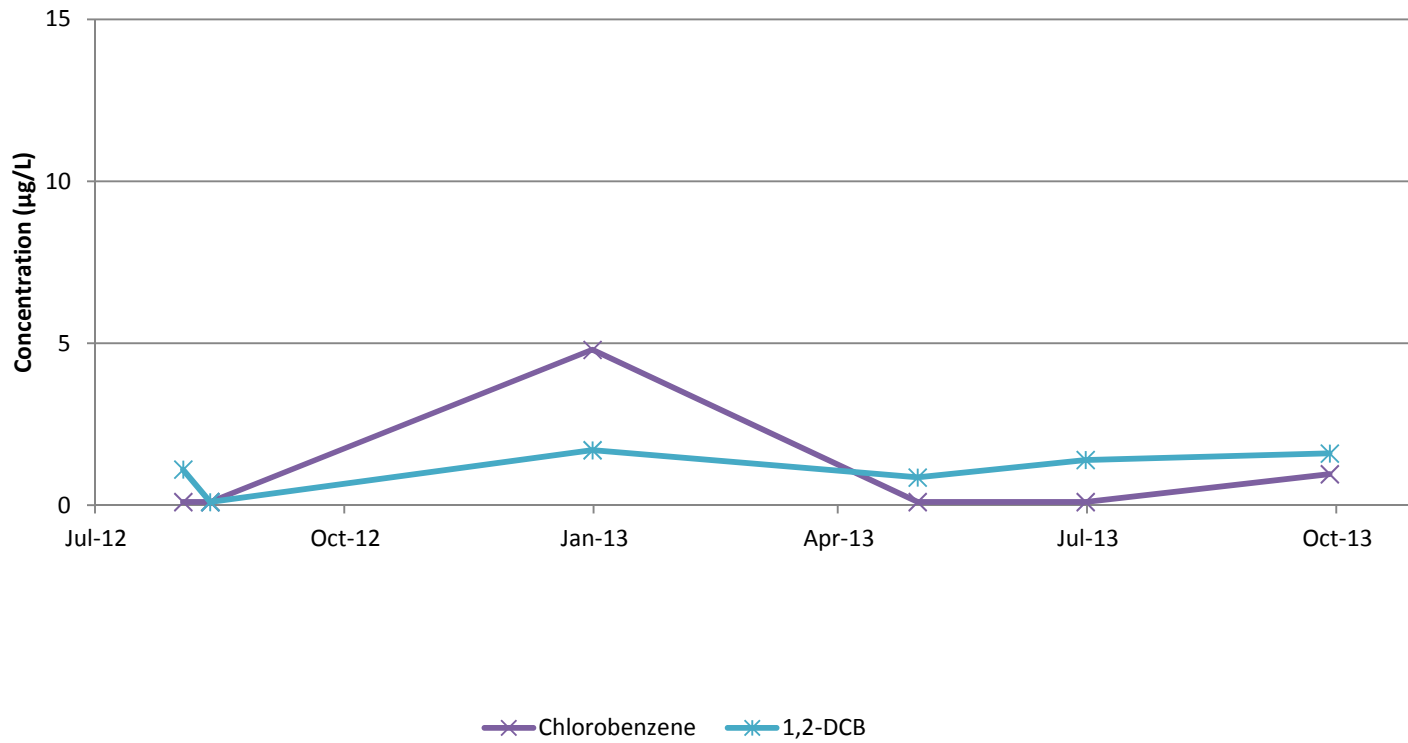


Abbreviations:  
 cis-1,2-DCE = cis-1,2-dichloroethene  
 µg/L = micrograms per liter  
 PCE = tetrachloroethene  
 TCE = trichloroethene

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

By: DAA	Date: 01/29/14	Project No.: OD10160070
		Figure 7

# MW-03



Abbreviations:  
1,2-DCB = 1,2-dichlorobenze  
µg/L = micrograms per liter

CHLOROBENZENE AND 1,2-DCB CONCENTRATION TRENDS IN MW-3 Crown Chevrolet Cadillac Isuzu 7544 Dublin Boulevard Dublin, California		
By: DAA	Date: 01/29/14	Project No. OD10160070
		Figure <b>8</b>



---

**APPENDIX A**

Well Sampling Field Records

# WATER LEVEL MONITORING RECORD



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

Date: 7/30/13 Measured by: H.Young/D. Pearson Instrument(s) Used: \_\_\_\_\_

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)	Groundwater Elevation (feet)	Remarks
MW-01	1317	344.24	14.44	329.80	
MW-02	0730	340.24	10.72	329.52	
MW-03	0945	343.77	14.37	329.40	
MP-01-1	1200	343.20	13.09	330.11	
MP-01-2	1317	343.20	14.26	328.94	
MP-01-3	1408	343.20	15.67	327.53	
MP-02-1	<del>11.65</del> 0940	341.15	11.65	329.50	
MP-02-2	0940	341.15	10.07	331.08	
MP-02-3	1051	341.15	14.61	326.54	
MP-03-1	0735	342.21	12.74	329.47	
MP-03-2	0736	342.21	22.15	320.06	
MP-03-3	0737	342.21	15.74	326.47	
MP-04-1	1043	341.22	12.11	329.11	
MP-04-2	1045	341.22	13.31	327.91	
MP-04-3	1046	341.22	15.25	325.97	



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RPP

**Date:**  
7-30-13

**Well Number/ID:**  
MP-1-1

**Sample ID:**  
MP-1-1

**Duplicate ID:**  
N/A

**Method of Purging:**  
Peri Pump

**Method of Sampling:**  
Peri Pump

**Intake Depth:**  
17

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556			
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 13.09 ft.	D. Water Column (B-A) = 4.00 ft.	Depth to Water After Sampling = 13.02 ft.
B. Well Total Depth = 17.15 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.02 gal.	Actual Volume Purged (from below) = 1850 gal (ml)
C. Well Diameter = 3/8 in.	F. 3 Well Volumes (3 x E) = 0.07 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b>	
Tubing Inside Diameter	D =	N/A	in.	N/A	Pumping System Volume (V <sub>s</sub> )
Tubing Length	L =	N/A	in.	V <sub>s</sub> = V <sub>p</sub> + π * D <sup>2</sup> / 4 * L * 16.39 ml/in <sup>3</sup>	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	V <sub>s</sub> = ( ) + (3.1415 * ( ) <sup>2</sup> / 4 * ( ) * 16.39	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1206	Initial	100	24.68	1415	2.50	7.11	-100	N/A	cloudy
1211	500	100	23.23	1409	1.76	7.05	-67	↓	clearing
1216	400	80	23.90	1394	1.67	7.04	-43		clear
1221	400	80	24.01	1384	1.60	7.01	-38		"
1226	400	80	23.97	1376	1.62	7.02	-36		"
1230	sample								

**Remarks:**

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
7-30-13

<b>Well Number/ID:</b> MP-1-2	<b>Sample ID:</b> MP-1-2	<b>Duplicate ID:</b> N/A
<b>Method of Purging:</b> peri pump	<b>Method of Sampling:</b> peri pump	<b>Intake Depth:</b> 43

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556			
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 14.26 ft.	D. Water Column (B-A) = 28.82 ft.	Depth to Water After Sampling = 37.87 ft.
B. Well Total Depth = 43.08 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = .16 gal.	Actual Volume Purged (from below) = 400 gal/ml
C. Well Diameter = 3/8 in.	F. 3 Well Volumes (3 x E) = 0.5 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A	ml	<b>Pumping System Volume Calculation</b> Pumping System Volume (V <sub>s</sub> ) $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$ $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$
Tubing Inside Diameter	D = N/A	in.	
Tubing Length	L = N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1322	80	-	29.17	1343	1.77	7.63	-146	N/A	clear
1327	80		29.76	1322	2.24	7.81	-145	↓	cloudy
1332	80		30.98	1311	2.03	7.87	-141		cloudy
1337	80		31.09	1302	1.93	7.93	-140		"
1342			dry						
1350		sample							"

**Remarks:**

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
7-30-13

<b>Well Number/ID:</b> MP-1-3	<b>Sample ID:</b> MP-1-3	<b>Duplicate ID:</b> N/A
<b>Method of Purging:</b> peri pump-foot valve	<b>Method of Sampling:</b> foot valve	<b>Intake Depth:</b> 57

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556			
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 15.67 ft.	D. Water Column (B-A) = 41.88 ft.	Depth to Water After Sampling = 39.71 ft.
B. Well Total Depth = 57.55 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.7 gal.	Actual Volume Purged (from below) = 750 gal/ml
C. Well Diameter = 3/8 in.	F. 3 Well Volumes (3 x E) = 0.72 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A	ml	<b>Pumping System Volume Calculation</b> Pumping System Volume (V <sub>s</sub> ) <del>V<sub>s</sub> = V<sub>p</sub> + π * D<sup>2</sup> / 4 * L * 16.39 ml/in<sup>3</sup></del> V <sub>s</sub> = ( ) + (3.1415 * _____ <sup>2</sup> / 4) * ( ) * 16.39
Tubing Inside Diameter	D = N/A	in.	
Tubing Length	L = N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1412	80		29.81	1307	2.30	7.62	-95	N/A	cloudy
1417	80		30.86	1305	2.01	7.72	-94	↓	"
1422	80		31.60	1298	1.94	7.77	-84		"
1425	80		31.59	1264	1.47	7.85	-92		"
1430	80		32.79	1246	0.98	7.81	-84		"
		dry			1.03	7.35	-92		
1435	100		32.60	1246	1.03	7.35	-92		"
1440	200		25.70	1225	1.08	4.62	-129		"
1450		sample						"	

**Remarks:**

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** \_\_\_\_\_ **Checked By:** \_\_\_\_\_



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
7-30-13

<b>Well Number/ID:</b> MP-2-1	<b>Sample ID:</b> MP-2-1	<b>Duplicate ID:</b> N/A
<b>Method of Purging:</b> Peri Pump	<b>Method of Sampling:</b> Peri Pump	<b>Intake Depth:</b> 12.7

**Field Equipment**

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

**Casing Purge Volume Calculations**

A. Depth to Water = 11.65 ft.	D. Water Column (B-A) = 1.35 ft.	Depth to Water After Sampling = 11.65 ft.
B. Well Total Depth = 13.00 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = .008 gal.	Actual Volume Purged (from below) = 3150 gal/mi.
C. Well Diameter = 3/8 in.	F. 3 Well Volumes (3 x E) = 0.02 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A	ml	<b>Pumping System Volume Calculation</b> Pumping System Volume (V <sub>s</sub> ) <del>V<sub>s</sub> = V<sub>p</sub> + π * D<sup>2</sup> / 4 * L * 16.39 ml/in<sup>3</sup></del> V <sub>s</sub> = ( ) + (3.1415 * <sup>2</sup> / 4) * ( ) * 16.39
Tubing Inside Diameter	D = N/A	in.	
Tubing Length	L = N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0845	450 Initial	90	22.90	1560	3.19	7.11	-111	N/A	clear
0850	450	90	23.01	1587	0.63	7.08	-115	↓	clear
0855	450	90	23.14	1586	0.42	7.08	-104		clear
0900	450	90	23.07	1588	0.28	7.07	-95		"
0905	450	90	23.15	1584	0.20	7.07	-61		"
0910	450	90	23.18	1582	0.18	7.07	-55		"
0915	450	90	23.16	1582	0.19	7.07	-54		"
0920	sample								

**Remarks:**

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** \_\_\_\_\_ **Checked By:** \_\_\_\_\_





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
7-30-13

**Well Number/ID:**  
MP-2-2

**Sample ID:**  
MP-2-2

**Duplicate ID:**  
N/A

**Method of Purging:**  
Peri pump

**Method of Sampling:**  
Peri pump

**Intake Depth:**  
37

**Field Equipment**

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

**Casing Purge Volume Calculations**

A. Depth to Water = 10.07 ft.	D. Water Column (B-A) = 26.93 ft.	Depth to Water After Sampling = <del>32.40</del> 36.53 ft.
B. Well Total Depth = 37 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.15 gal.	Actual Volume Purged (from below) = 750 gal/ml.
C. Well Diameter = 3/8 in.	F. 3 Well Volumes (3 x E) = 0.46 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A	ml
Tubing Inside Diameter	D = N/A	in.
Tubing Length	L = N/A	in.
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml

**Pumping System Volume Calculation**

N/A Pumping System Volume (V<sub>s</sub>)

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

$$V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$$

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0945	450 Initial	30	24.43	1331	2.08	7.29	529	N/A	cloudy
0950	150	30	24.26	1318	0.10	7.23	-273	↓	"
0952									purge dry
0958	750	20	24.65	1324	0.85	7.24	-249		less cloudy
1008	50		25.50	1326	0.77	7.29	-246		"
1041		let well recharge							
1050		50 sample							

**Remarks:**

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
7-30-13

<b>Well Number/ID:</b> MP-2-3	<b>Sample ID:</b> MP-2-3	<b>Duplicate ID:</b> N/A
<b>Method of Purging:</b> Peri Pump	<b>Method of Sampling:</b> Peri Pump	<b>Intake Depth:</b> 57'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556			
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 14.61 ft.	D. Water Column (B-A) = 42.64 ft.	Depth to Water After Sampling = 35.80 ft.
B. Well Total Depth = 57.25 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.24 gal.	Actual Volume Purged (from below) = 700 gal/ml
C. Well Diameter = 3/8 in.	F. 3 Well Volumes (3 x E) = 0.73 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A ml	<b>Pumping System Volume Calculation</b> Pumping System Volume (V <sub>s</sub> ) $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$ $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$
Tubing Inside Diameter	D = N/A in.	
Tubing Length	L = N/A in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39 ml	

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1056	80	30	26.86	1144	2.96	7.22	-173	N/A	cloudy
1101	80	80	24.82	1151	2.61	7.99	-199	↓	
1106	80	-	26.18	1152	1.92	7.86	-213		running dry
1116	80	-	26.46	1157	1.69	7.77	-209		
1116	80	-	27.46	1164	1.56	7.69	-201		cloudy
1121	80	-	27.72	1172	1.52	7.62	-188		
1126	80	-	27.55	1177	1.51	7.59	-184		
1438	sample	-							
1450	sample	-							

**Remarks:**

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
H. Young

**Date:**  
7/30/13

**Well Number/ID:**  
MP-03-1

**Sample ID:**  
MP-03-1

**Duplicate ID:**  
N/A

**Method of Purging:**  
Peri-pump

**Method of Sampling:**  
Peri-pump

**Intake Depth:**  
14.5'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	0200577 AH	7/29/13	7/30/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 12.74 ft.	D. Water Column (B-A) = 1.86 ft.	Depth to Water After Sampling = 12.85 ft.
B. Well Total Depth = 14.6 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.01 gal.	Actual Volume Purged (from below) = 2300 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 <sub>p</sub> =	N/A	ml	Pumping System Volume Calculation	
Tubing Inside Diameter	D =	N/A	in.	N/A	Pumping System Volume (V <sub>s</sub> )
Tubing Length	L =	N/A	in.	V <sub>s</sub> = V <sub>p</sub> + π * D <sup>2</sup> / 4 * L * 16.39 ml/in <sup>3</sup>	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	V <sub>s</sub> = ( ) + (3.1415 * ( ) <sup>2</sup> / 4) * ( ) * 16.39	

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0823	Initial	200	21.04	1321	0.52	6.84	-26.6	N/A	Water is clear, slight odor
0826	1100	↓	20.89	1322	0.39	6.90	-15.7	↓	
0829	1700	↓	20.91	1322	0.31	6.90	-9.6	↓	
0832	2300	↓	20.91	1320	0.28	6.89	-7.5	↓	

**Remarks:** Sampled @0835 for 8260B (ms/msd)

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
H. Young

**Date:**  
7/30/13

**Well Number/ID:**  
MP-03-2

**Sample ID:**  
MP-03-2

**Duplicate ID:**  
N/A

**Method of Purging:** Per-pump & tubing w/ check valve

**Method of Sampling:**  
Same as purge

**Intake Depth:**  
42.9'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	0200577 AH	7/29/13	7/30/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 22.15 ft.	D. Water Column (B-A) = 20.75 ft.	Depth to Water After Sampling = 42.61 ft.
B. Well Total Depth = 42.90 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.12 gal.	Actual Volume Purged (from below) = 300 gal (ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.36 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	Pumping System Volume Calculation	
Tubing Inside Diameter	D =	N/A	in.	N/A	Pumping System Volume (V <sub>s</sub> )
Tubing Length	L =	N/A	in.	V <sub>s</sub> = V <sub>p</sub> + π * D <sup>2</sup> / 4 * L * 16.39 ml/in <sup>3</sup>	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	V <sub>s</sub> = ( ) + (3.1415 * ( ) <sup>2</sup> / 4) * ( ) * 16.39	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0745	Initial	—	20.68	2025	2.41	8.17	44.0	N/A	Sulfur odor
0753	200	200 (ml)	19.90	1962	2.03	8.24	-30.3	N/A	
0756	300		19.48	1984	1.97	8.37	-82.8	N/A	
— Sampled before well dewatered —									

**Remarks:** Sampled @ 0800 for 82603

<sup>(1)</sup> Based on EPA low flow sampling guidelines.

**Signature:**

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**

H. Young

**Date:**

7/30/13

**Well Number/ID:**

MP-03-3

**Sample ID:**

MP-03-3

**Duplicate ID:**

N/A

**Method of Purging:**

Peri-pump

**Method of Sampling:**

Peri-pump

**Intake Depth:**

58'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	02D0577AH	7/29/13	7/30/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 15.74 ft.	D. Water Column (B-A) = 42.36 ft.	Depth to Water After Sampling = 22.17 ft.
B. Well Total Depth = 58.1 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.24 gal.	Actual Volume Purged (from below) = 2800 gal (ml)
C. Well Diameter = 0.315 in.	F. 3 Well Volumes (3 x E) = 0.73 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b>	
Tubing Inside Diameter	D =	N/A	in.	N/A	Pumping System Volume (V <sub>s</sub> )
Tubing Length	L =	N/A	in.	V <sub>s</sub> = V <sub>p</sub> + π * D <sup>2</sup> / 4 * L * 16.39 ml/in <sup>3</sup>	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	V <sub>s</sub> = ( ) + (3.1415 * ( ) <sup>2</sup> / 4 * ( ) * 16.39	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	± 10% or <10 NTU	
0856	Initial	150	20.46	1044	0.99	7.87	-175.5	N/A	cloudy/tan color, no odor.
0859	1000	↓	20.46	1043	0.65	8.00	-203.7	↓	
0902	1450		20.47	1041	0.64	7.94	-207.2		
0905	1900		20.41	1036	0.61	7.79	-205.0		
0908	2350		20.40	1033	0.52	7.72	-199.1		
0911	2800		20.38	1029	0.55	7.65	-191.8		

**Remarks:** Sampled @ 0915 for 8260B

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
H. Young

**Date:**  
7/30/13

<b>Well Number/ID:</b> MP-04-1	<b>Sample ID:</b> MP-04-1	<b>Duplicate ID:</b> N/A
<b>Method of Purging:</b> Peristaltic Pump	<b>Method of Sampling:</b> Peri-pump	<b>Intake Depth:</b> 15.7'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	0200577 AH	7/29/13	7/30/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 12.11 ft.	D. Water Column (B-A) = 3.59 ft.	Depth to Water After Sampling = 15.7 ft.
B. Well Total Depth = 15.7 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.02 gal.	Actual Volume Purged (from below) = 300 gal (ml)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.06 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A	ml	<b>Pumping System Volume Calculation</b> Pumping System Volume (V <sub>s</sub> ) <del>V<sub>s</sub> = V<sub>p</sub> + π * D<sup>2</sup> / 4 * L * 16.39 ml/in<sup>3</sup></del> <del>V<sub>s</sub> = ( ) + (3.1415 * <sup>2</sup>/4) * ( ) * 16.39</del>
Tubing Inside Diameter	D = N/A	in.	
Tubing Length	L = N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1153	Initial	85	24.53	1301	0.92	7.20	-193.6	N/A	water is clear,
1155	175	77	23.94	1345	0.92	7.17	-147.6	↓	no odor
1157	300	↓	24.39	1358	3.06	7.32	-106.1	↓	
	↳ dewatered @ 300 ml								

**Remarks:** Sampled @ 1705 for 8260B

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** **Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
H. Young

**Date:**  
7/30/13

**Well Number/ID:**

MP-04-2

**Sample ID:**

MP-04-2

**Duplicate ID:**

N/A

**Method of Purging:** Inertial lift/  
check valve

**Method of Sampling:**  
Peristaltic Pump

**Intake Depth:**

41.7'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	0200577 AH	7/29/13	7/30/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 1331 ft.	D. Water Column (B-A) = 28.39 ft.	Depth to Water After Sampling = 37.82 ft.
B. Well Total Depth = 41.7 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.16 gal.	Actual Volume Purged (from below) = 400 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.49 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b>	
Tubing Inside Diameter	D =	N/A	in.	Pumping System Volume (V <sub>s</sub> )	
Tubing Length	L =	N/A	in.	<del> <math display="block">V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3</math> </del>	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	<del> <math display="block">V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39</math> </del>	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1130	Initial	100	25.14	1259	1.43	7.99	-199.5	N/A	Lt gray color,
1132	200	50	23.56	1303	1.32	8.08	-228.3	↓	Strong H <sub>2</sub> S odor.
1134	300	↓	23.14	1275	1.22	8.12	-233.0	↓	
1136	400	↓	23.57	1278	1.20	7.97	-230.3	↓	

**Remarks:** Sampled @ 1140 for 82608

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** **Checked By:**





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
H. Young

**Date:**  
7/30/13

**Well Number/ID:**  
MP-04-3

**Sample ID:**  
MP-04-3

**Duplicate ID:**  
N/A

**Method of Purging:**  
Peni-pump

**Method of Sampling:**  
Peni-pump

**Intake Depth:**  
58.6'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/ Serviced	Date Calibrated
Multi-Probe	YSI-556	0200577 AH	7/29/13	7/30/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 15.25 ft.	D. Water Column (B-A) = 43.35 ft.	Depth to Water After Sampling = 29.11 ft.
B. Well Total Depth = 58.6 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.25 gal.	Actual Volume Purged (from below) = 2500 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 <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b>	
Tubing Inside Diameter	D =	N/A	in.	N/A	Pumping System Volume (V <sub>s</sub> ) <del>V<sub>s</sub> = V<sub>p</sub> + π * D<sup>2</sup> / 4 * L * 16.39 ml/in<sup>3</sup></del>
Tubing Length	L =	N/A	in.		
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml		

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1055	Initial	100	23.28	1021	1.57	7.89	-161.7	N/A	Dark gray color, strong sulfur odor
1100	1000	↓	22.33	1025	1.14	8.02	-203.0	↓	
1105	1500		22.48	1026	0.82	8.02	-210.7		
1110	2000		22.71	1029	0.79	8.00	-216.5		
1115	2500		22.85	1030	0.78	7.95	-218.2		

**Remarks:** Sampled @ 1115 for 8260B

<sup>(1)</sup> Based on EPA low flow sampling guidelines.

**Signature:** **Checked By:**





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
H. Young

**Date:**  
7/30/13

**Well Number/ID:**  
mw-01

**Sample ID:**  
MW-01

**Duplicate ID:**  
MW-100

**Method of Purging:**  
Peri-pump

**Method of Sampling:**  
Peri-pump

**Intake Depth:**  
20.5'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	0200577 AH	7/29/13	7/30/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = <u>14.44</u> ft.	D. Water Column (B-A) = <u>6.73</u> ft.	Depth to Water After Sampling = <u>14.46</u> ft.
B. Well Total Depth = <u>21.17</u> ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = <u>0.5</u> gal.	Actual Volume Purged (from below) = <u>2300</u> gal/ml
C. Well Diameter = <u>0.75</u> in.	F. 3 Well Volumes (3 x E) = <u>0.46</u> gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b>  Pumping System Volume (V <sub>s</sub> ) $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$ $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$
Tubing Inside Diameter	D =	N/A	in.	
Tubing Length	L =	N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1320	Initial	200	23.59	1396	0.49	7.20	24.4	N/A	water is clear, no odor
1323	1100	↓	23.26	1395	0.40	7.21	24.0	↓	DTW=14.48'
1326	1700	↓	22.77	1394	0.31	7.14	26.5	↓	
1329	2300	↓	22.57	1394	0.24	7.05	26.6	↓	DTW=14.48'

**Remarks:** Sampled @ 1330 for 8260B  
DUP (mw-100) @ 1350

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
7-30-13

**Well Number/ID:**  
mw-2

**Sample ID:**  
mw-2

**Duplicate ID:**  
N/A

**Method of Purging:**  
peri pump

**Method of Sampling:**  
peri pump

**Intake Depth:**  
14

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556			
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 10.72 ft.	D. Water Column (B-A) = 8.95 ft.	Depth to Water After Sampling = 10.75 ft.
B. Well Total Depth = 19.67 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.2 gal.	Actual Volume Purged (from below) 3500 gal/ml
C. Well Diameter = 3/4 in.	F. 3 Well Volumes (3 x E) = 0.62 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b> Pumping System Volume (V <sub>s</sub> ) $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$ $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$
Tubing Inside Diameter	D =	N/A	in.	
Tubing Length	L =	N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0735	500 Initial	100	19.34	1022	2.23	7.07	223	N/A	clear 10.89
0745	500	100	19.59	1034	0.84	7.07	211	↓	clear 10.89
0750	500	100	19.93	1035	0.60	7.06	206		" "
0755	500	100	20.05	1034	0.39	7.06	204		" "
0800	500	100	20.15	1031	0.32	7.06	199		" "
0805	500	100	20.39	1021	0.28	7.06	198		" "
0810	500	100	20.53	1018	0.31	7.06	198		" "
0815	sample								

**Remarks:**

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** \_\_\_\_\_ **Checked By:** \_\_\_\_\_





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**

H. Young

**Date:**

7/30/13

**Well Number/ID:**

MW-03

**Sample ID:**

MW-03

**Duplicate ID:**

N/A

**Method of Purging:**

Peristaltic Pump

**Method of Sampling:**

Peri-pump

**Intake Depth:**

19.0'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	02D0577 AH	7/29/13	7/30/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 14.37 ft.	D. Water Column (B-A) = 4.98 ft.	Depth to Water After Sampling = 14.40 ft.
B. Well Total Depth = 19.35 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.11 gal.	Actual Volume Purged (from below) = 2350 gal/ml.
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = 0.34 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b>	
Tubing Inside Diameter	D =	N/A	in.	N/A	Pumping System Volume (V <sub>s</sub> )
Tubing Length	L =	N/A	in.	<del>V<sub>s</sub> = V<sub>p</sub> + π * D<sup>2</sup> / 4 * L * 16.39 ml/in<sup>3</sup></del>	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	<del>V<sub>s</sub> = ( ) + (3.1415 * ( )<sup>2</sup> / 4) * ( ) * 16.39</del>	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0953	Initial	150	19.59	1287	0.83	6.71	34.0	N/A	water is tan/silty, no odor. DTW=14.92' ↓
0950	1000	↓	19.55	1289	0.66	6.74	32.2	↓	
0959	1450	↓	19.53	1291	0.54	6.76	30.5	↓	
1002	1900	↓	19.59	1294	0.59	6.77	30.8	↓	
1005	2350	↓	19.61	1297	0.51	6.74	31.4	↓	

**Remarks:** Sampled @ 1005 for 82608

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** **Checked By:**





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
D. Allbut

**Date:**  
10/28/13

**Well Number/ID:**  
MW-01

**Sample ID:**  
MW-01

**Duplicate ID:**  
MW-100

**Method of Purging:**  
peristaltic pump

**Method of Sampling:**  
same as purge

**Intake Depth:**  
20.5'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	0200577	10/25/13	10/28/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 15.24 ft.	D. Water Column (B-A) = 5.93 ft.	Depth to Water After Sampling = 15.25 ft.
B. Well Total Depth = 21.17 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.17 gal.	Actual Volume Purged (from below) = 3500 gal
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = _____ gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A	ml
Tubing Inside Diameter	D = N/A	in.
Tubing Length	L = N/A	in.
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml

**Pumping System Volume Calculation**

Pumping System Volume (V<sub>s</sub>)  
~~V<sub>s</sub> = V<sub>p</sub> + π \* D<sup>2</sup> / 4 \* L \* 16.39 ml/in<sup>3</sup>~~  
 V<sub>s</sub> = ( ) + (3.1415 \* \_\_\_\_\_<sup>2</sup> / 4) \* ( ) \* 16.39

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1310	Initial	200	19.98	1286	2.90	7.12	45.0	N/A	cloudy
1313	1100		19.83	1293	2.59	7.03	43.5		clearing
1316	1700		19.83	1295	2.14	7.04	42.0		
1319	2300		19.75	1297	1.80	6.96	42.0		
1322	2900		19.70	1298	1.72	6.92	42.8		
1325	3500		17.93	1296	1.64	6.87	44.2		

**Remarks:** 1325 Sampled for 8260B+TPHg; Duplicate MW-100 for same @ 1330

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** *D. Allbut*

**Checked By:**





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
10-28-13

**Well Number/ID:**  
mw-2

**Sample ID:**  
mw-2

**Duplicate ID:**

**Method of Purging:**  
peris pump

**Method of Sampling:**  
peris pump

**Intake Depth:**  
19.67

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556		10-25-13	10-25-13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = <u>11.49</u> ft.	D. Water Column (B-A) = <u>9.18</u> ft.	Depth to Water After Sampling = <u>11.54</u> ft.
B. Well Total Depth = <u>19.67</u> ft.	E. 1 Well Volume ( $C^2 \times 0.0408 \times D$ ) = <u>0.25</u> gal.	Actual Volume Purged (from below) = <u>4600</u> gal/ml.
C. Well Diameter = <u>3/4</u> in.	F. 3 Well Volumes ( $3 \times E$ ) = <u>0.75</u> gal.	(If applicable, see pumping system volume calculation below)

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

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1105	500 Initial	120	21.17	934	0.84	7.12	-122		slightly cloudy
1110		120	21.22	880	0.58	7.10	-153		clear
1115		"	21.30	855	0.52	7.10	-164		"
1120		"	21.41	844	0.53	7.09	-167		"
1125		"	21.57	823	0.51	7.10	-177		"
1130		"	21.59	815	0.50	7.11	-201		
1135		"	21.60	813	0.51	7.10	-181		
1140		sample							

**Remarks:**

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
D. Allbut

**Date:**  
10/28/13

**Well Number/ID:**  
Mw-03

**Sample ID:**  
Mw-03

**Duplicate ID:**  
-

**Method of Purging:**  
peristaltic pump

**Method of Sampling:**  
same as purge

**Intake Depth:**  
19.0

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	02D0577	10/25/13	10/28/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 14.72 ft.	D. Water Column (B-A) = 4.63 ft.	Depth to Water After Sampling = 14.65 ft.
B. Well Total Depth = 19.35 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.11 gal.	Actual Volume Purged (from below) = 700 gal (ml)
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = 0.33 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b> Pumping System Volume (V <sub>s</sub> ) $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$ $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$
Tubing Inside Diameter	D =	N/A	in.	
Tubing Length	L =	N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	
N/A				

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1200	Initial	200	19.62	1242	3.33	7.06	33.2	N/A	tan, cloudy
1205	Well	dewatered at		700 ml					
1450	700	-	19.79	1245	1.37	6.09	35.5	N/A	clear

**Remarks:** 1450 Sampled for 82608 + TPH (MS/MSD) 9-HCL VOAs

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** D. Allbut

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
10-28-13

**Well Number/ID:**  
MP01-1

**Sample ID:**  
MP01-1

**Duplicate ID:**

**Method of Purging:**  
peri pump

**Method of Sampling:**

**Intake Depth:**  
17.6

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556		10-25-13	10-25-13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 14.03 ft.	D. Water Column (B-A) = 3.57 ft.	Depth to Water After Sampling = 14.25 ft.
B. Well Total Depth = 17.6 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.02 gal.	Actual Volume Purged (from below) = 2500 gal/ml.
C. Well Diameter = 0.275 in.	F. 3 Well Volumes (3 x E) = 0.06 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b>  Pumping System Volume (V <sub>s</sub> )  $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$  $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$
Tubing Inside Diameter	D =	N/A	in.	
Tubing Length	L =	N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0944	Initial	70 18.81	18.81	1358	1.84	7.14	-249		cloudy
0949		70	18.94	1366	1.87	7.12	-183		clearing
0954		70	18.96	1358	2.04	7.09	157		clear
0959		70	18.92	1341	2.16	7.09	-153		"
10.04		70	19.34	1333	1.77	7.03	-153		"
10.09		70	19.32	1326	1.78	7.03	-142		
1014		70	19.34	1326	1.77	7.03	-140		
1019		sample							

**Remarks:**

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** \_\_\_\_\_ **Checked By:** \_\_\_\_\_





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RPP

**Date:**  
10-28-13

**Well Number/ID:**  
MP-01-2

**Sample ID:**  
MMP-01-2

**Duplicate ID:**  
-

**Method of Purging:**  
peris pump

**Method of Sampling:**  
peris pump

**Intake Depth:**  
43.5

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556		10-25-13	10-25-13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = <u>15.08</u> ft.	D. Water Column (B-A) = <u>28.42</u> ft.	Depth to Water After Sampling = <u>40.17</u> ft.
B. Well Total Depth = <u>43.5</u> ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = <u>0.16</u> gal.	Actual Volume Purged (from below) = <u>850</u> gal/ml.
C. Well Diameter = <u>0.375</u> in.	F. 3 Well Volumes (3 x E) = <u>0.48</u> gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b>  Pumping System Volume (V <sub>s</sub> )  $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$  $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$
Tubing Inside Diameter	D =	N/A	in.	
Tubing Length	L =	N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0855	Initial	100	16.26	1035	7.62	8.63	-130		cloudy
0859		100	18.0	1189	2.97	8.11	-361		it
0902		50							*
0912		200T	13.29	1249	3.24	7.88	-282		clearing
0923		sample							

**Remarks:** \* going dry

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** \_\_\_\_\_ **Checked By:** \_\_\_\_\_



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
10-28-13

**Well Number/ID:**  
MP-01-3

**Sample ID:**  
MP-01-3

**Duplicate ID:**  
—

**Method of Purging:**  
Peri Pump

**Method of Sampling:**  
Peri Pump

**Intake Depth:**  
58.4

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556		10-25-13	10-25-13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = <u>16.43</u> ft.	D. Water Column (B-A) = <u>41.97</u> ft.	Depth to Water After Sampling = <u>27.98</u> ft.
B. Well Total Depth = <u>58.4</u> ft.	E. 1 Well Volume ( $C^2 \times 0.0408 \times D$ ) = <u>0.24</u> gal.	Actual Volume Purged (from below) = <u>700</u> gal
C. Well Diameter = <u>8.375</u> in.	F. 3 Well Volumes ( $3 \times E$ ) = <u>0.72</u> gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	$V_p =$	<b>N/A</b>	ml
Tubing Inside Diameter	$D =$	<b>N/A</b>	in.
Tubing Length	$L =$	<b>N/A</b>	in.
Conversion from Inches <sup>3</sup> to ml	$1 \text{ in}^3 =$	16.39	ml

**Pumping System Volume Calculation**

$V_s = V_p + \pi \cdot D^2 / 4 \cdot L \cdot 16.39 \text{ ml/in}^3$

$V_s = ( \text{N/A} ) + ( 3.1415 \cdot \text{N/A}^2 / 4 ) \cdot ( \text{N/A} ) \cdot 16.39$

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0808	Initial	100	17.14	1123	3.61 46.2	7.65	-42.0		cloudy
0813		10070	16.61	1157	3.89 26.7	7.79	-262		cloudy *
0822		10050	12.51	1167	2.62	7.78	-252		"
0832	sample								

**Remarks:**

\* running dry

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
10-28-13

<b>Well Number/ID:</b> MP-02-1	<b>Sample ID:</b> MP-02-1	<b>Duplicate ID:</b> —
<b>Method of Purging:</b> Peki pump	<b>Method of Sampling:</b> Peki pump	<b>Intake Depth:</b> 12.9'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556		10-28-13	10-28-13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 12.44 ft.	D. Water Column (B-A) = 0.46 ft.	Depth to Water After Sampling = 12.47 ft.
B. Well Total Depth = 12.9 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.063 gal.	Actual Volume Purged (from below) = 1500 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.009 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A	ml	<p><b>Pumping System Volume Calculation</b></p> <p>Pumping System Volume (V<sub>s</sub>)</p> <p>N/A</p> $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$ <p>V<sub>s</sub> = ( ) + (3.1415 * _____<sup>2</sup> / 4) * ( ) * 16.39</p>
Tubing Inside Diameter	D = N/A	in.	
Tubing Length	L = N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml	

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1225	125 Initial	—	20.99	1514	2.71	7.07	-195		Clear
1228	125	—	20.63	1500	2.56	7.08	-176		"
1231	125	—	20.32	1502	2.21	7.04	-167		
1235	"		20.03	1515	2.28	7.07	-164		
1238	"		21.98	1511	1.96	7.08	-168		
1241	"		21.98	1496	1.95	7.08	-170		
1244			21.71	1494	1.81	7.07	-166		
1250		sample							

**Remarks:**

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
10-28-13

**Well Number/ID:**  
MP.02-2

**Sample ID:**  
MP.02-2

**Duplicate ID:**

**Method of Purging:**  
peri pump

**Method of Sampling:**  
peri pump

**Intake Depth:**  
36.4

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556		10-25-13	10-28-13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 12.84 ft.	D. Water Column (B-A) = 23.56 ft.	Depth to Water After Sampling = 36.21 ft.
B. Well Total Depth = 36.4 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.14 gal.	Actual Volume Purged (from below) = 80 gal (m)
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.42 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b> Pumping System Volume (V <sub>s</sub> ) $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$ $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$
Tubing Inside Diameter	D =	N/A	in.	
Tubing Length	L =	N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1348	100 Initial	100	20.47	1278	1.48	7.36	-298		clear
1352	400	100	20.18	1279	1.74	7.27	-294		" *
1402	100	-	19.96	1280	2.24	7.22	-286		"
1412	100	-	19.77	1269	2.19	7.28	-279		"
1436	sample								

**Remarks:** \* running dry

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
RDP

**Date:**  
10-28-13

<b>Well Number/ID:</b> MP-02-3	<b>Sample ID:</b> MP-02-3	<b>Duplicate ID:</b> —
<b>Method of Purging:</b> peri pump	<b>Method of Sampling:</b> peri pump	<b>Intake Depth:</b> 57.8

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556		10-25-13	10-25-13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = <u>15.39</u> ft.	D. Water Column (B-A) = <u>42.41</u> ft.	Depth to Water After Sampling = <u>47.19</u> ft.
B. Well Total Depth = <u>57.8</u> ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = <u>0.24</u> gal.	Actual Volume Purged (from below) = <u>600</u> gal/ml.
C. Well Diameter = <u>0.375</u> in.	F. 3 Well Volumes (3 x E) = <u>0.72</u> gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = <u>N/A</u> ml	<p><b>Pumping System Volume Calculation</b></p> <p>Pumping System Volume (V<sub>s</sub>)</p> $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$ <p>V<sub>s</sub> = ( ) + (3.1415 * <sup>2</sup> / 4) * ( ) * 16.39</p>
Tubing Inside Diameter	D = <u>N/A</u> in.	
Tubing Length	L = <u>N/A</u> in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39 ml	

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1455	100 Initial	80	20.55	1145	1.50	7.50	-269		cloudy
1457	200	40							*
1500	—	—	19.63	1129	2.36	7.97	-273		ll
1503	100	—	20.57	1119	1.99	7.88	-272		ll
1519	120	—	19.50	1128	2.31	7.78	-248		ll
1532		sample							

**Remarks:**

\* running dry

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
D. Allbut

**Date:**  
10/28/13

<b>Well Number/ID:</b> MP-03-1	<b>Sample ID:</b> MP-03-1	<b>Duplicate ID:</b> -
<b>Method of Purging:</b> peristaltic pump	<b>Method of Sampling:</b> see purging	<b>Intake Depth:</b> 14.6'

**Field Equipment**

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

**Casing Purge Volume Calculations**

A. Depth to Water = 13.48 ft.	D. Water Column (B-A) = 1.12 ft.	Depth to Water After Sampling = 13.48 ft.
B. Well Total Depth = 14.6 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.01 gal.	Actual Volume Purged (from below) = 2600 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 <sub>p</sub> = N/A	ml	<b>Pumping System Volume Calculation</b> Pumping System Volume (V <sub>s</sub> ) $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$ $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$
Tubing Inside Diameter	D = N/A	in.	
Tubing Length	L = N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1046	Initial	200	21.59	1282	1.31	7.18	-115.5	N/A	tanj cloudy
1049	1100		21.32	1294	0.64	7.13	-107.8		
1052	1700		21.31	1297	0.27	7.09	-97.4		
1055	2300		21.84	1296	0.32	7.06	-90.0		
1058	2600		21.14	1298	0.29	7.06	-82.5		
1400	WL =	13.48							

**Remarks:** 1100 sampled for 8260B + TPH<sub>g</sub> (3-HCL VOAs)

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

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





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
DAI/but

**Date:**  
10/28/13

**Well Number/ID:**  
MP-03-2

**Sample ID:**  
MP-03-2

**Duplicate ID:**  
-

**Method of Purging:** per pump;  
new tubing

**Method of Sampling:**  
same as purge

**Intake Depth:**  
429'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	0200577	10/25/13	10/28/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 19.03 ft.	D. Water Column (B-A) = 23.87 ft.	Depth to Water After Sampling = 31.21 ft.
B. Well Total Depth = 42.90 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.14 gal.	Actual Volume Purged (from below) = 250 gal
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.42 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A	ml
Tubing Inside Diameter	D = N/A	in.
Tubing Length	L = N/A	in.
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml

**Pumping System Volume Calculation**

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

$$V_s = ( \quad ) + (3.1415 * \quad / 4) * ( \quad ) * 16.39$$

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0827	Initial	50	17.97	1801	1.97	8.32	-195.8	N/A	H <sub>2</sub> S odor; clear
0830	150 200	-	18.21	1791	1.59	8.46	-200.8	↓	gray, cloudy, odor
0833	250	-	18.42	1768	2.04	8.66	-214.5	↓	"
Sampled before well dewatered due to previous history of slow recharge.									

**Remarks:** Sampled at 0835 for 8260B (3 HCC VOAs)

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** *[Signature]*

**Checked By:**





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
D. Allbut

**Date:**  
10/28/13

<b>Well Number/ID:</b> MP-03-3	<b>Sample ID:</b> MP-03-3	<b>Duplicate ID:</b> —
<b>Method of Purging:</b> peristaltic pump	<b>Method of Sampling:</b> peristaltic pump	<b>Intake Depth:</b> 58'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	0200577	10/25/13	10/28/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 16.33 ft.	D. Water Column (B-A) = 41.77 ft.	Depth to Water After Sampling = 28.84 ft.
B. Well Total Depth = 58.1 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.24 gal.	Actual Volume Purged (from below) = 1300 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.72 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A	ml	<p><b>Pumping System Volume Calculation</b></p> <p>Pumping System Volume (V<sub>s</sub>)</p> $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$ <p>N/A</p> $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$
Tubing Inside Diameter	D = N/A	in.	
Tubing Length	L = N/A	in.	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml	

Purging Data			Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)						
Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1350	Initial	100	20.22	1001	0.84	8.11	-250.5	N/A	clear cloudy, tan
1355	1000		20.44	990	0.45	7.91	-250.0		
1358	1300		20.39	990	0.37	7.70	-237.8		
1400	well dewatered at 1300 ml								
1520	-	-	19.36	989	1.54	6.65	-55.1	N/A	clear

**Remarks:** 1520 Sampled Collected 3-HCC vials for 8260B + TPH<sub>3</sub>

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

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



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
D. Allent

**Date:**  
10/28/13

**Well Number/ID:**  
MP-04-1

**Sample ID:**  
MP-04-1

**Duplicate ID:**  
-

**Method of Purging:**  
peri pump

**Method of Sampling:**  
peri pump

**Intake Depth:**  
15.7'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	02D0577	10/25/13	10/28/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 12.61 ft.	D. Water Column (B-A) = 3.09 ft.	Depth to Water After Sampling = 15.7 ft.
B. Well Total Depth = 15.7 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.013 gal.	Actual Volume Purged (from below) = 350 gal/ml.
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.054 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> = N/A	ml
Tubing Inside Diameter	D = N/A	in.
Tubing Length	L = N/A	in.
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> = 16.39	ml

**Pumping System Volume Calculation**

N/A Pumping System Volume (V<sub>s</sub>)  
 $V_s = V_p + \pi * D^2 / 4 * L * 16.39 \text{ ml/in}^3$   
 $V_s = ( \quad ) + (3.1415 * \quad^2 / 4) * ( \quad ) * 16.39$

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
0909	Initial	50	16.36	1300	1.33	7.14	-194.0	N/A	cloudy, slight H <sub>2</sub> S odor
0913	150		16.85	1290	1.69	7.10	-167.6		
0916	250		17.21	1267	1.08	7.09	-147.3		
0919	350		17.88	1282	0.94	7.06	-123.5		
		Deaerated at		350 ml					

**Remarks:** 1415 Sampled for 826DB+ TPHg (3-HCL V04c)

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** D. Allent

**Checked By:**



**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
D. Allbut

**Date:**  
10/28/13

**Well Number/ID:**  
MP-04-2

**Sample ID:**  
MP-04-2

**Duplicate ID:**  
-

**Method of Purging:**  
per pump + tubing w/ check  
ball

**Method of Sampling:**  
same as purge

**Intake Depth:**  
41.7'

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Service	Date Calibrated
Multi-Probe	YSI-556	0200577	10/25/13	10/28/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = 13.94 ft.	D. Water Column (B-A) = 27.76 ft.	Depth to Water After Sampling = 40.07 ft.
B. Well Total Depth = 41.7 ft.	E. 1 Well Volume (C <sup>2</sup> x 0.0408 x D) = 0.16 gal.	Actual Volume Purged (from below) = 400 gal
C. Well Diameter = 0.375 in.	F. 3 Well Volumes (3 x E) = 0.48 gal.	(If applicable, see pumping system volume calculation below)

Pump and Flow Cell Volume	V <sub>p</sub> =	N/A	ml	<b>Pumping System Volume Calculation</b>	
Tubing Inside Diameter	D =	N/A	in.	Pumping System Volume (V <sub>s</sub> )	
Tubing Length	L =	N/A	in.	V <sub>s</sub> = V <sub>p</sub> + π * D <sup>2</sup> / 4 * L * 16.39 ml/in <sup>3</sup>	
Conversion from Inches <sup>3</sup> to ml	1 in <sup>3</sup> =	16.39	ml	V <sub>s</sub> = ( ) + (3.1415 * ( ) <sup>2</sup> / 4) * ( ) * 16.39	

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	± 10% or <10 NTU	
0942	Initial	50	18.53	1216	1.63	8.15	-250.5	N/A	cloudy, H <sub>2</sub> S odor
0945	200		17.57	1253	0.96	8.18	-263.9		
0948	300		17.94	1245	1.21	8.21	-265.4		
0951	400		18.11	1237	1.59	8.29	-270.9		
Dewatered at 400 ml									

**Remarks:** 1425 Sampled for 8260B + TPH<sub>g</sub> (3-HCL VOAs)

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:** D. Allbut

**Checked By:**





**MONITORING WELL  
SAMPLE COLLECTION LOG**

**Project Name:**  
Crown Chevrolet

**Project/Task #:**  
OD10160070.00008A/B

**Sampled By:**  
D. Albut

**Date:**  
10/28/13

**Well Number/ID:**

MP-04-3

**Sample ID:**

MP-04-3

**Duplicate ID:**

N/A

**Method of Purging:**

per pump + inertial lift tubing

**Method of Sampling:**

see purge

**Intake Depth:**

58.6

**Field Equipment**

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	YSI-556	0200577	10/25/13	10/28/13
Turbidimeter	N/A	N/A	N/A	N/A

**Casing Purge Volume Calculations**

A. Depth to Water = $15.83 - 13.94$ ft.	D. Water Column (B-A) = $42.97$ ft.	Depth to Water After Sampling = $29.55$ ft.
B. Well Total Depth = $58.6$ ft.	E. 1 Well Volume ( $C^2 \times 0.0408 \times D$ ) = $0.25$ gal.	Actual Volume Purged (from below) = $1500$ gal/m
C. Well Diameter = $0.375$ in.	F. 3 Well Volumes ( $3 \times E$ ) = $0.75$ gal.	(If applicable, see pumping system volume calculation below)

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

**Purging Data**

**Water Quality Parameters (within range for 3 consecutive readings if low-flow sampling)**

Time (24 hr)	Purge Volume <input type="checkbox"/> gal <input checked="" type="checkbox"/> ml	Flow Rate <input type="checkbox"/> gpm <input checked="" type="checkbox"/> 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 <sup>(1)</sup> :	± 3%	± 0.2 mg/L	± 0.2	± 20 mV	±10% or <10 NTU	
1010	Initial	100	18.02	979	2.15	8.18	-265.2	N/A	cloudy; H <sub>2</sub> S odor
1015	1000		18.01	982	2.12	8.03	-247.6		
1020	1500		17.91	982	4.44	7.93	-239.6		
		well dewatered @ 1500 ml							
1440	-	-	23.09	1023	0.72	7.78	-118.3	-	

**Remarks:**

1440 Sampled for 8260B + TP1Hg. Collected 3-HCL VOAs

<sup>(1)</sup> Based on EPA low-flow sampling guidelines.

**Signature:**

D. Albut

**Checked By:**



---

**APPENDIX B**

Laboratory Analytical Reports

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

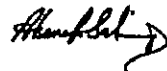
## ANALYTICAL REPORT

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

TestAmerica Job ID: 720-51298-1  
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:  
8/6/2013 4:32:36 PM

Afsaneh Salimpour, Project Manager I  
afsaneh.salimpour@testamericainc.com

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?

**?** Ask  
The  
Expert

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

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

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

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	7
QC Sample Results . . . . .	23
QC Association Summary . . . . .	48
Lab Chronicle . . . . .	50
Certification Summary . . . . .	52
Method Summary . . . . .	53
Sample Summary . . . . .	54
Chain of Custody . . . . .	55
Receipt Checklists . . . . .	56



## Definitions/Glossary

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

TestAmerica Job ID: 720-51298-1

---

### Qualifiers

---

#### GC/MS VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits

---

### Glossary

---

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

## Case Narrative

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

TestAmerica Job ID: 720-51298-1

---

**Job ID: 720-51298-1**

---

**Laboratory: TestAmerica Pleasanton**

---

**Narrative**

---

**Job Narrative**  
**720-51298-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 7/30/2013 5:53 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

**GC/MS VOA**

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 720-51298-3 is due to the presence of discrete peaks: PCE.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch recovered outside control limits for the following analytes: 2,2Dichloropropane, Carbon disulfate.

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following samples 720-51298-8 and 720-51298-9 is due to the presence of discrete peaks: PCE.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 141443 recovered outside control limits for the following analyte: 1,3-dichloropropane. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

## Detection Summary

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

TestAmerica Job ID: 720-51298-1

**Client Sample ID: MP-03-2**

**Lab Sample ID: 720-51298-1**

No Detections.

**Client Sample ID: TB073013**

**Lab Sample ID: 720-51298-2**

No Detections.

**Client Sample ID: MP-03-1**

**Lab Sample ID: 720-51298-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	160		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	10		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	170	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

**Client Sample ID: MP-03-3**

**Lab Sample ID: 720-51298-4**

No Detections.

**Client Sample ID: MW-03**

**Lab Sample ID: 720-51298-5**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.4		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
cis-1,2-Dichloroethene	0.62		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	11		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.1		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

**Client Sample ID: MP-04-3**

**Lab Sample ID: 720-51298-6**

No Detections.

**Client Sample ID: MP-04-2**

**Lab Sample ID: 720-51298-7**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.53		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

**Client Sample ID: MW-01**

**Lab Sample ID: 720-51298-8**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	160		2.5		ug/L	5		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.5		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	120	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

**Client Sample ID: MW-100**

**Lab Sample ID: 720-51298-9**

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

## Detection Summary

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

TestAmerica Job ID: 720-51298-1

**Client Sample ID: MW-100 (Continued)**

**Lab Sample ID: 720-51298-9**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	210		2.5		ug/L	5		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.6		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-02-2**

**Lab Sample ID: 720-51298-10**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.3		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton



# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MP-03-2  
 Date Collected: 07/30/13 08:00  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-1  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/01/13 21:03	1
Acetone	ND		50		ug/L			08/01/13 21:03	1
Benzene	ND		0.50		ug/L			08/01/13 21:03	1
Dichlorobromomethane	ND		0.50		ug/L			08/01/13 21:03	1
Bromobenzene	ND		1.0		ug/L			08/01/13 21:03	1
Chlorobromomethane	ND		1.0		ug/L			08/01/13 21:03	1
Bromoform	ND		1.0		ug/L			08/01/13 21:03	1
Bromomethane	ND		1.0		ug/L			08/01/13 21:03	1
2-Butanone (MEK)	ND		50		ug/L			08/01/13 21:03	1
n-Butylbenzene	ND		1.0		ug/L			08/01/13 21:03	1
sec-Butylbenzene	ND		1.0		ug/L			08/01/13 21:03	1
tert-Butylbenzene	ND		1.0		ug/L			08/01/13 21:03	1
Carbon disulfide	ND	*	5.0		ug/L			08/01/13 21:03	1
Carbon tetrachloride	ND		0.50		ug/L			08/01/13 21:03	1
Chlorobenzene	ND		0.50		ug/L			08/01/13 21:03	1
Chloroethane	ND		1.0		ug/L			08/01/13 21:03	1
Chloroform	ND		1.0		ug/L			08/01/13 21:03	1
Chloromethane	ND		1.0		ug/L			08/01/13 21:03	1
2-Chlorotoluene	ND		0.50		ug/L			08/01/13 21:03	1
4-Chlorotoluene	ND		0.50		ug/L			08/01/13 21:03	1
Chlorodibromomethane	ND		0.50		ug/L			08/01/13 21:03	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/01/13 21:03	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/01/13 21:03	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/01/13 21:03	1
1,3-Dichloropropane	ND		1.0		ug/L			08/01/13 21:03	1
1,1-Dichloropropene	ND		0.50		ug/L			08/01/13 21:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/01/13 21:03	1
Ethylene Dibromide	ND		0.50		ug/L			08/01/13 21:03	1
Dibromomethane	ND		0.50		ug/L			08/01/13 21:03	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/01/13 21:03	1
1,1-Dichloroethane	ND		0.50		ug/L			08/01/13 21:03	1
1,2-Dichloroethane	ND		0.50		ug/L			08/01/13 21:03	1
1,1-Dichloroethene	ND		0.50		ug/L			08/01/13 21:03	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/01/13 21:03	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/01/13 21:03	1
1,2-Dichloropropane	ND		0.50		ug/L			08/01/13 21:03	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/01/13 21:03	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/01/13 21:03	1
Ethylbenzene	ND		0.50		ug/L			08/01/13 21:03	1
Hexachlorobutadiene	ND		1.0		ug/L			08/01/13 21:03	1
2-Hexanone	ND		50		ug/L			08/01/13 21:03	1
Isopropylbenzene	ND		0.50		ug/L			08/01/13 21:03	1
4-Isopropyltoluene	ND		1.0		ug/L			08/01/13 21:03	1
Methylene Chloride	ND		5.0		ug/L			08/01/13 21:03	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/01/13 21:03	1
Naphthalene	ND		1.0		ug/L			08/01/13 21:03	1
N-Propylbenzene	ND		1.0		ug/L			08/01/13 21:03	1
Styrene	ND		0.50		ug/L			08/01/13 21:03	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/01/13 21:03	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-2  
 Date Collected: 07/30/13 08:00  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-1  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/01/13 21:03	1
Tetrachloroethene	ND		0.50		ug/L			08/01/13 21:03	1
Toluene	ND		0.50		ug/L			08/01/13 21:03	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/01/13 21:03	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/01/13 21:03	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/01/13 21:03	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/01/13 21:03	1
Trichloroethene	ND		0.50		ug/L			08/01/13 21:03	1
Trichlorofluoromethane	ND		1.0		ug/L			08/01/13 21:03	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/01/13 21:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/01/13 21:03	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/01/13 21:03	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/01/13 21:03	1
Vinyl acetate	ND		10		ug/L			08/01/13 21:03	1
Vinyl chloride	ND		0.50		ug/L			08/01/13 21:03	1
Xylenes, Total	ND		1.0		ug/L			08/01/13 21:03	1
2,2-Dichloropropane	ND		0.50		ug/L			08/01/13 21:03	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/01/13 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130		08/01/13 21:03	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 138		08/01/13 21:03	1
Toluene-d8 (Surr)	90		70 - 130		08/01/13 21:03	1

Client Sample ID: TB073013  
 Date Collected: 07/30/13 08:10  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-2  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 16:13	1
Acetone	ND		50		ug/L			08/02/13 16:13	1
Benzene	ND		0.50		ug/L			08/02/13 16:13	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 16:13	1
Bromobenzene	ND		1.0		ug/L			08/02/13 16:13	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 16:13	1
Bromoform	ND		1.0		ug/L			08/02/13 16:13	1
Bromomethane	ND		1.0		ug/L			08/02/13 16:13	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 16:13	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 16:13	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 16:13	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 16:13	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 16:13	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 16:13	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 16:13	1
Chloroethane	ND		1.0		ug/L			08/02/13 16:13	1
Chloroform	ND		1.0		ug/L			08/02/13 16:13	1
Chloromethane	ND		1.0		ug/L			08/02/13 16:13	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 16:13	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 16:13	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 16:13	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: TB073013  
 Date Collected: 07/30/13 08:10  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-2  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 16:13	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 16:13	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 16:13	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 16:13	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 16:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 16:13	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 16:13	1
Dibromomethane	ND		0.50		ug/L			08/02/13 16:13	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 16:13	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 16:13	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 16:13	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 16:13	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 16:13	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 16:13	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 16:13	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 16:13	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 16:13	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 16:13	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 16:13	1
2-Hexanone	ND		50		ug/L			08/02/13 16:13	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 16:13	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 16:13	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 16:13	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 16:13	1
Naphthalene	ND		1.0		ug/L			08/02/13 16:13	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 16:13	1
Styrene	ND		0.50		ug/L			08/02/13 16:13	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 16:13	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 16:13	1
Tetrachloroethene	ND		0.50		ug/L			08/02/13 16:13	1
Toluene	ND		0.50		ug/L			08/02/13 16:13	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 16:13	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 16:13	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 16:13	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 16:13	1
Trichloroethene	ND		0.50		ug/L			08/02/13 16:13	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 16:13	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 16:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 16:13	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 16:13	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 16:13	1
Vinyl acetate	ND		10		ug/L			08/02/13 16:13	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 16:13	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 16:13	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 16:13	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130		08/02/13 16:13	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: TB073013  
Date Collected: 07/30/13 08:10  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-2  
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		75 - 138		08/02/13 16:13	1
Toluene-d8 (Surr)	99		70 - 130		08/02/13 16:13	1

Client Sample ID: MP-03-1  
Date Collected: 07/30/13 08:35  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-3  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/01/13 03:58	1
Acetone	ND		50		ug/L			08/01/13 03:58	1
Benzene	ND		0.50		ug/L			08/01/13 03:58	1
Dichlorobromomethane	ND		0.50		ug/L			08/01/13 03:58	1
Bromobenzene	ND		1.0		ug/L			08/01/13 03:58	1
Chlorobromomethane	ND		1.0		ug/L			08/01/13 03:58	1
Bromoform	ND		1.0		ug/L			08/01/13 03:58	1
Bromomethane	ND		1.0		ug/L			08/01/13 03:58	1
2-Butanone (MEK)	ND		50		ug/L			08/01/13 03:58	1
n-Butylbenzene	ND		1.0		ug/L			08/01/13 03:58	1
sec-Butylbenzene	ND		1.0		ug/L			08/01/13 03:58	1
tert-Butylbenzene	ND		1.0		ug/L			08/01/13 03:58	1
Carbon disulfide	ND		5.0		ug/L			08/01/13 03:58	1
Carbon tetrachloride	ND		0.50		ug/L			08/01/13 03:58	1
Chlorobenzene	ND		0.50		ug/L			08/01/13 03:58	1
Chloroethane	ND		1.0		ug/L			08/01/13 03:58	1
Chloroform	ND		1.0		ug/L			08/01/13 03:58	1
Chloromethane	ND		1.0		ug/L			08/01/13 03:58	1
2-Chlorotoluene	ND		0.50		ug/L			08/01/13 03:58	1
4-Chlorotoluene	ND		0.50		ug/L			08/01/13 03:58	1
Chlorodibromomethane	ND		0.50		ug/L			08/01/13 03:58	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/01/13 03:58	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/01/13 03:58	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/01/13 03:58	1
1,3-Dichloropropane	ND		1.0		ug/L			08/01/13 03:58	1
1,1-Dichloropropene	ND		0.50		ug/L			08/01/13 03:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/01/13 03:58	1
Ethylene Dibromide	ND		0.50		ug/L			08/01/13 03:58	1
Dibromomethane	ND		0.50		ug/L			08/01/13 03:58	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/01/13 03:58	1
1,1-Dichloroethane	ND		0.50		ug/L			08/01/13 03:58	1
1,2-Dichloroethane	ND		0.50		ug/L			08/01/13 03:58	1
1,1-Dichloroethene	ND		0.50		ug/L			08/01/13 03:58	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/01/13 03:58	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/01/13 03:58	1
1,2-Dichloropropane	ND		0.50		ug/L			08/01/13 03:58	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/01/13 03:58	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/01/13 03:58	1
Ethylbenzene	ND		0.50		ug/L			08/01/13 03:58	1
Hexachlorobutadiene	ND		1.0		ug/L			08/01/13 03:58	1
2-Hexanone	ND		50		ug/L			08/01/13 03:58	1
Isopropylbenzene	ND		0.50		ug/L			08/01/13 03:58	1

TestAmerica Pleasanton



# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-1  
 Date Collected: 07/30/13 08:35  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-3  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			08/01/13 03:58	1
Methylene Chloride	ND		5.0		ug/L			08/01/13 03:58	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/01/13 03:58	1
Naphthalene	ND		1.0		ug/L			08/01/13 03:58	1
N-Propylbenzene	ND		1.0		ug/L			08/01/13 03:58	1
Styrene	ND		0.50		ug/L			08/01/13 03:58	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/01/13 03:58	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/01/13 03:58	1
Tetrachloroethene	160		0.50		ug/L			08/01/13 03:58	1
Toluene	ND		0.50		ug/L			08/01/13 03:58	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/01/13 03:58	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/01/13 03:58	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/01/13 03:58	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/01/13 03:58	1
Trichloroethene	10		0.50		ug/L			08/01/13 03:58	1
Trichlorofluoromethane	ND		1.0		ug/L			08/01/13 03:58	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/01/13 03:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/01/13 03:58	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/01/13 03:58	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/01/13 03:58	1
Vinyl acetate	ND		10		ug/L			08/01/13 03:58	1
Vinyl chloride	ND		0.50		ug/L			08/01/13 03:58	1
Xylenes, Total	ND		1.0		ug/L			08/01/13 03:58	1
2,2-Dichloropropane	ND		0.50		ug/L			08/01/13 03:58	1
Gasoline Range Organics (GRO) -C5-C12	170	R	50		ug/L			08/01/13 03:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130		08/01/13 03:58	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 138		08/01/13 03:58	1
Toluene-d8 (Surr)	102		70 - 130		08/01/13 03:58	1

Client Sample ID: MP-03-3  
 Date Collected: 07/30/13 09:15  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-4  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 16:44	1
Acetone	ND		50		ug/L			08/02/13 16:44	1
Benzene	ND		0.50		ug/L			08/02/13 16:44	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 16:44	1
Bromobenzene	ND		1.0		ug/L			08/02/13 16:44	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 16:44	1
Bromoform	ND		1.0		ug/L			08/02/13 16:44	1
Bromomethane	ND		1.0		ug/L			08/02/13 16:44	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 16:44	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 16:44	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 16:44	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 16:44	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 16:44	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 16:44	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Client Sample ID: MP-03-3  
 Date Collected: 07/30/13 09:15  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-4  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			08/02/13 16:44	1
Chloroethane	ND		1.0		ug/L			08/02/13 16:44	1
Chloroform	ND		1.0		ug/L			08/02/13 16:44	1
Chloromethane	ND		1.0		ug/L			08/02/13 16:44	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 16:44	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 16:44	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 16:44	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 16:44	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 16:44	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 16:44	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 16:44	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 16:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 16:44	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 16:44	1
Dibromomethane	ND		0.50		ug/L			08/02/13 16:44	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 16:44	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 16:44	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 16:44	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 16:44	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 16:44	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 16:44	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 16:44	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 16:44	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 16:44	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 16:44	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 16:44	1
2-Hexanone	ND		50		ug/L			08/02/13 16:44	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 16:44	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 16:44	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 16:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 16:44	1
Naphthalene	ND		1.0		ug/L			08/02/13 16:44	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 16:44	1
Styrene	ND		0.50		ug/L			08/02/13 16:44	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 16:44	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 16:44	1
Tetrachloroethene	ND		0.50		ug/L			08/02/13 16:44	1
Toluene	ND		0.50		ug/L			08/02/13 16:44	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 16:44	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 16:44	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 16:44	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 16:44	1
Trichloroethene	ND		0.50		ug/L			08/02/13 16:44	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 16:44	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 16:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 16:44	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 16:44	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 16:44	1
Vinyl acetate	ND		10		ug/L			08/02/13 16:44	1

TestAmerica Pleasanton

## Client Sample Results

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

TestAmerica Job ID: 720-51298-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-03-3  
Date Collected: 07/30/13 09:15  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-4  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			08/02/13 16:44	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 16:44	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 16:44	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130					08/02/13 16:44	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 138					08/02/13 16:44	1
Toluene-d8 (Surr)	99		70 - 130					08/02/13 16:44	1

Client Sample ID: MW-03  
Date Collected: 07/30/13 10:05  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-5  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 17:15	1
Acetone	ND		50		ug/L			08/02/13 17:15	1
Benzene	ND		0.50		ug/L			08/02/13 17:15	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 17:15	1
Bromobenzene	ND		1.0		ug/L			08/02/13 17:15	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 17:15	1
Bromoform	ND		1.0		ug/L			08/02/13 17:15	1
Bromomethane	ND		1.0		ug/L			08/02/13 17:15	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 17:15	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 17:15	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 17:15	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 17:15	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 17:15	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 17:15	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 17:15	1
Chloroethane	ND		1.0		ug/L			08/02/13 17:15	1
Chloroform	ND		1.0		ug/L			08/02/13 17:15	1
Chloromethane	ND		1.0		ug/L			08/02/13 17:15	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 17:15	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 17:15	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 17:15	1
1,2-Dichlorobenzene	1.4		0.50		ug/L			08/02/13 17:15	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 17:15	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 17:15	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 17:15	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 17:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 17:15	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 17:15	1
Dibromomethane	ND		0.50		ug/L			08/02/13 17:15	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 17:15	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 17:15	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 17:15	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 17:15	1
cis-1,2-Dichloroethene	0.62		0.50		ug/L			08/02/13 17:15	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 17:15	1

TestAmerica Pleasanton

## Client Sample Results

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

TestAmerica Job ID: 720-51298-1

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

Client Sample ID: MW-03  
Date Collected: 07/30/13 10:05  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-5  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 17:15	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 17:15	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 17:15	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 17:15	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 17:15	1
2-Hexanone	ND		50		ug/L			08/02/13 17:15	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 17:15	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 17:15	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 17:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 17:15	1
Naphthalene	ND		1.0		ug/L			08/02/13 17:15	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 17:15	1
Styrene	ND		0.50		ug/L			08/02/13 17:15	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 17:15	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 17:15	1
Tetrachloroethene	11		0.50		ug/L			08/02/13 17:15	1
Toluene	ND		0.50		ug/L			08/02/13 17:15	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 17:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 17:15	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 17:15	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 17:15	1
Trichloroethene	1.1		0.50		ug/L			08/02/13 17:15	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 17:15	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 17:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 17:15	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 17:15	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 17:15	1
Vinyl acetate	ND		10		ug/L			08/02/13 17:15	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 17:15	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 17:15	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 17:15	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130		08/02/13 17:15	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 138		08/02/13 17:15	1
Toluene-d8 (Surr)	96		70 - 130		08/02/13 17:15	1

Client Sample ID: MP-04-3  
Date Collected: 07/30/13 11:15  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-6  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 17:45	1
Acetone	ND		50		ug/L			08/02/13 17:45	1
Benzene	ND		0.50		ug/L			08/02/13 17:45	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 17:45	1
Bromobenzene	ND		1.0		ug/L			08/02/13 17:45	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 17:45	1
Bromoform	ND		1.0		ug/L			08/02/13 17:45	1

TestAmerica Pleasanton



# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-04-3  
 Date Collected: 07/30/13 11:15  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-6  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			08/02/13 17:45	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 17:45	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 17:45	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 17:45	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 17:45	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 17:45	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 17:45	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 17:45	1
Chloroethane	ND		1.0		ug/L			08/02/13 17:45	1
Chloroform	ND		1.0		ug/L			08/02/13 17:45	1
Chloromethane	ND		1.0		ug/L			08/02/13 17:45	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 17:45	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 17:45	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 17:45	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 17:45	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 17:45	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 17:45	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 17:45	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 17:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 17:45	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 17:45	1
Dibromomethane	ND		0.50		ug/L			08/02/13 17:45	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 17:45	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 17:45	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 17:45	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 17:45	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 17:45	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 17:45	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 17:45	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 17:45	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 17:45	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 17:45	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 17:45	1
2-Hexanone	ND		50		ug/L			08/02/13 17:45	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 17:45	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 17:45	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 17:45	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 17:45	1
Naphthalene	ND		1.0		ug/L			08/02/13 17:45	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 17:45	1
Styrene	ND		0.50		ug/L			08/02/13 17:45	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 17:45	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 17:45	1
Tetrachloroethene	ND		0.50		ug/L			08/02/13 17:45	1
Toluene	ND		0.50		ug/L			08/02/13 17:45	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 17:45	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 17:45	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 17:45	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 17:45	1

TestAmerica Pleasanton

## Client Sample Results

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

TestAmerica Job ID: 720-51298-1

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

Client Sample ID: MP-04-3  
Date Collected: 07/30/13 11:15  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-6  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			08/02/13 17:45	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 17:45	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 17:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 17:45	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 17:45	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 17:45	1
Vinyl acetate	ND		10		ug/L			08/02/13 17:45	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 17:45	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 17:45	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 17:45	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130					08/02/13 17:45	1
1,2-Dichloroethane-d4 (Surr)	90		75 - 138					08/02/13 17:45	1
Toluene-d8 (Surr)	97		70 - 130					08/02/13 17:45	1

Client Sample ID: MP-04-2  
Date Collected: 07/30/13 11:40  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-7  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 18:16	1
Acetone	ND		50		ug/L			08/02/13 18:16	1
Benzene	ND		0.50		ug/L			08/02/13 18:16	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 18:16	1
Bromobenzene	ND		1.0		ug/L			08/02/13 18:16	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 18:16	1
Bromoform	ND		1.0		ug/L			08/02/13 18:16	1
Bromomethane	ND		1.0		ug/L			08/02/13 18:16	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 18:16	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 18:16	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 18:16	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 18:16	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 18:16	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 18:16	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 18:16	1
Chloroethane	ND		1.0		ug/L			08/02/13 18:16	1
Chloroform	ND		1.0		ug/L			08/02/13 18:16	1
Chloromethane	ND		1.0		ug/L			08/02/13 18:16	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 18:16	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 18:16	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 18:16	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 18:16	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 18:16	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 18:16	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 18:16	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 18:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 18:16	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 18:16	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-04-2  
 Date Collected: 07/30/13 11:40  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-7  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			08/02/13 18:16	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 18:16	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 18:16	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 18:16	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 18:16	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 18:16	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 18:16	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 18:16	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 18:16	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 18:16	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 18:16	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 18:16	1
2-Hexanone	ND		50		ug/L			08/02/13 18:16	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 18:16	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 18:16	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 18:16	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 18:16	1
Naphthalene	ND		1.0		ug/L			08/02/13 18:16	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 18:16	1
Styrene	ND		0.50		ug/L			08/02/13 18:16	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 18:16	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 18:16	1
Tetrachloroethene	ND		0.50		ug/L			08/02/13 18:16	1
Toluene	ND		0.50		ug/L			08/02/13 18:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 18:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 18:16	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 18:16	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 18:16	1
Trichloroethene	0.53		0.50		ug/L			08/02/13 18:16	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 18:16	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 18:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 18:16	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 18:16	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 18:16	1
Vinyl acetate	ND		10		ug/L			08/02/13 18:16	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 18:16	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 18:16	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 18:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130					08/02/13 18:16	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 138					08/02/13 18:16	1
Toluene-d8 (Surr)	95		70 - 130					08/02/13 18:16	1

# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MW-01  
 Date Collected: 07/30/13 13:30  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-8  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 18:46	1
Acetone	ND		50		ug/L			08/02/13 18:46	1
Benzene	ND		0.50		ug/L			08/02/13 18:46	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 18:46	1
Bromobenzene	ND		1.0		ug/L			08/02/13 18:46	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 18:46	1
Bromoform	ND		1.0		ug/L			08/02/13 18:46	1
Bromomethane	ND		1.0		ug/L			08/02/13 18:46	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 18:46	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 18:46	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 18:46	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 18:46	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 18:46	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 18:46	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 18:46	1
Chloroethane	ND		1.0		ug/L			08/02/13 18:46	1
Chloroform	ND		1.0		ug/L			08/02/13 18:46	1
Chloromethane	ND		1.0		ug/L			08/02/13 18:46	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 18:46	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 18:46	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 18:46	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 18:46	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 18:46	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 18:46	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 18:46	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 18:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 18:46	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 18:46	1
Dibromomethane	ND		0.50		ug/L			08/02/13 18:46	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 18:46	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 18:46	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 18:46	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 18:46	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 18:46	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 18:46	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 18:46	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 18:46	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 18:46	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 18:46	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 18:46	1
2-Hexanone	ND		50		ug/L			08/02/13 18:46	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 18:46	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 18:46	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 18:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 18:46	1
Naphthalene	ND		1.0		ug/L			08/02/13 18:46	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 18:46	1
Styrene	ND		0.50		ug/L			08/02/13 18:46	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 18:46	1

TestAmerica Pleasanton



# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-01  
 Date Collected: 07/30/13 13:30  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-8  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 18:46	1
Tetrachloroethene	160		2.5		ug/L			08/06/13 13:01	5
Toluene	ND		0.50		ug/L			08/02/13 18:46	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 18:46	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 18:46	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 18:46	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 18:46	1
Trichloroethene	1.5		0.50		ug/L			08/02/13 18:46	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 18:46	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 18:46	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 18:46	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 18:46	1
Vinyl acetate	ND		10		ug/L			08/02/13 18:46	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 18:46	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 18:46	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 18:46	1
Gasoline Range Organics (GRO) -C5-C12	120	R	50		ug/L			08/02/13 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130		08/02/13 18:46	1
4-Bromofluorobenzene	99		67 - 130		08/06/13 13:01	5
1,2-Dichloroethane-d4 (Surr)	91		75 - 138		08/02/13 18:46	1
1,2-Dichloroethane-d4 (Surr)	87		75 - 138		08/06/13 13:01	5
Toluene-d8 (Surr)	93		70 - 130		08/02/13 18:46	1
Toluene-d8 (Surr)	96		70 - 130		08/06/13 13:01	5

Client Sample ID: MW-100  
 Date Collected: 07/30/13 13:50  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-9  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 19:17	1
Acetone	ND		50		ug/L			08/02/13 19:17	1
Benzene	ND		0.50		ug/L			08/02/13 19:17	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 19:17	1
Bromobenzene	ND		1.0		ug/L			08/02/13 19:17	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 19:17	1
Bromoform	ND		1.0		ug/L			08/02/13 19:17	1
Bromomethane	ND		1.0		ug/L			08/02/13 19:17	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 19:17	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 19:17	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 19:17	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 19:17	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 19:17	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 19:17	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 19:17	1
Chloroethane	ND		1.0		ug/L			08/02/13 19:17	1
Chloroform	ND		1.0		ug/L			08/02/13 19:17	1
Chloromethane	ND		1.0		ug/L			08/02/13 19:17	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

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

Client Sample ID: MW-100

Lab Sample ID: 720-51298-9

Date Collected: 07/30/13 13:50

Matrix: Water

Date Received: 07/30/13 17:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 19:17	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 19:17	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 19:17	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 19:17	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 19:17	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 19:17	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 19:17	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 19:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 19:17	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 19:17	1
Dibromomethane	ND		0.50		ug/L			08/02/13 19:17	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 19:17	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 19:17	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 19:17	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 19:17	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 19:17	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 19:17	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 19:17	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 19:17	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 19:17	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 19:17	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 19:17	1
2-Hexanone	ND		50		ug/L			08/02/13 19:17	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 19:17	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 19:17	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 19:17	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 19:17	1
Naphthalene	ND		1.0		ug/L			08/02/13 19:17	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 19:17	1
Styrene	ND		0.50		ug/L			08/02/13 19:17	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 19:17	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 19:17	1
Tetrachloroethene	210		2.5		ug/L			08/06/13 13:28	5
Toluene	ND		0.50		ug/L			08/02/13 19:17	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 19:17	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 19:17	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 19:17	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 19:17	1
Trichloroethene	1.6		0.50		ug/L			08/02/13 19:17	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 19:17	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 19:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 19:17	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 19:17	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 19:17	1
Vinyl acetate	ND		10		ug/L			08/02/13 19:17	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 19:17	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 19:17	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 19:17	1
Gasoline Range Organics (GRO) -C5-C12	140	R	50		ug/L			08/02/13 19:17	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130		08/02/13 19:17	1
4-Bromofluorobenzene	97		67 - 130		08/06/13 13:28	5
1,2-Dichloroethane-d4 (Surr)	89		75 - 138		08/02/13 19:17	1
1,2-Dichloroethane-d4 (Surr)	87		75 - 138		08/06/13 13:28	5
Toluene-d8 (Surr)	90		70 - 130		08/02/13 19:17	1
Toluene-d8 (Surr)	96		70 - 130		08/06/13 13:28	5

Client Sample ID: MP-02-2

Date Collected: 07/30/13 16:15

Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 19:48	1
Acetone	ND		50		ug/L			08/02/13 19:48	1
Benzene	ND		0.50		ug/L			08/02/13 19:48	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 19:48	1
Bromobenzene	ND		1.0		ug/L			08/02/13 19:48	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 19:48	1
Bromoform	ND		1.0		ug/L			08/02/13 19:48	1
Bromomethane	ND		1.0		ug/L			08/02/13 19:48	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 19:48	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 19:48	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 19:48	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 19:48	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 19:48	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 19:48	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 19:48	1
Chloroethane	ND		1.0		ug/L			08/02/13 19:48	1
Chloroform	ND		1.0		ug/L			08/02/13 19:48	1
Chloromethane	ND		1.0		ug/L			08/02/13 19:48	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 19:48	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 19:48	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 19:48	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 19:48	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 19:48	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 19:48	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 19:48	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 19:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 19:48	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 19:48	1
Dibromomethane	ND		0.50		ug/L			08/02/13 19:48	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 19:48	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 19:48	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 19:48	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 19:48	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 19:48	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 19:48	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 19:48	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 19:48	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 19:48	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 19:48	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 19:48	1
2-Hexanone	ND		50		ug/L			08/02/13 19:48	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51298-1

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

Client Sample ID: MP-02-2  
 Date Collected: 07/30/13 16:15  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51298-10  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.50		ug/L			08/02/13 19:48	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 19:48	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 19:48	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 19:48	1
Naphthalene	ND		1.0		ug/L			08/02/13 19:48	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 19:48	1
Styrene	ND		0.50		ug/L			08/02/13 19:48	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 19:48	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 19:48	1
Tetrachloroethene	ND		0.50		ug/L			08/06/13 13:56	1
Toluene	ND		0.50		ug/L			08/02/13 19:48	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 19:48	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 19:48	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 19:48	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 19:48	1
Trichloroethene	1.3		0.50		ug/L			08/02/13 19:48	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 19:48	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 19:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 19:48	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 19:48	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 19:48	1
Vinyl acetate	ND		10		ug/L			08/02/13 19:48	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 19:48	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 19:48	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 19:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 19:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130		08/02/13 19:48	1
4-Bromofluorobenzene	96		67 - 130		08/06/13 13:56	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 138		08/02/13 19:48	1
1,2-Dichloroethane-d4 (Surr)	80		75 - 138		08/06/13 13:56	1
Toluene-d8 (Surr)	94		70 - 130		08/02/13 19:48	1
Toluene-d8 (Surr)	96		70 - 130		08/06/13 13:56	1

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-141297/4

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141297

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			07/31/13 20:37	1
Acetone	ND		50		ug/L			07/31/13 20:37	1
Benzene	ND		0.50		ug/L			07/31/13 20:37	1
Dichlorobromomethane	ND		0.50		ug/L			07/31/13 20:37	1
Bromobenzene	ND		1.0		ug/L			07/31/13 20:37	1
Chlorobromomethane	ND		1.0		ug/L			07/31/13 20:37	1
Bromoform	ND		1.0		ug/L			07/31/13 20:37	1
Bromomethane	ND		1.0		ug/L			07/31/13 20:37	1
2-Butanone (MEK)	ND		50		ug/L			07/31/13 20:37	1
n-Butylbenzene	ND		1.0		ug/L			07/31/13 20:37	1
sec-Butylbenzene	ND		1.0		ug/L			07/31/13 20:37	1
tert-Butylbenzene	ND		1.0		ug/L			07/31/13 20:37	1
Carbon disulfide	ND		5.0		ug/L			07/31/13 20:37	1
Carbon tetrachloride	ND		0.50		ug/L			07/31/13 20:37	1
Chlorobenzene	ND		0.50		ug/L			07/31/13 20:37	1
Chloroethane	ND		1.0		ug/L			07/31/13 20:37	1
Chloroform	ND		1.0		ug/L			07/31/13 20:37	1
Chloromethane	ND		1.0		ug/L			07/31/13 20:37	1
2-Chlorotoluene	ND		0.50		ug/L			07/31/13 20:37	1
4-Chlorotoluene	ND		0.50		ug/L			07/31/13 20:37	1
Chlorodibromomethane	ND		0.50		ug/L			07/31/13 20:37	1
1,2-Dichlorobenzene	ND		0.50		ug/L			07/31/13 20:37	1
1,3-Dichlorobenzene	ND		0.50		ug/L			07/31/13 20:37	1
1,4-Dichlorobenzene	ND		0.50		ug/L			07/31/13 20:37	1
1,3-Dichloropropane	ND		1.0		ug/L			07/31/13 20:37	1
1,1-Dichloropropene	ND		0.50		ug/L			07/31/13 20:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			07/31/13 20:37	1
Ethylene Dibromide	ND		0.50		ug/L			07/31/13 20:37	1
Dibromomethane	ND		0.50		ug/L			07/31/13 20:37	1
Dichlorodifluoromethane	ND		0.50		ug/L			07/31/13 20:37	1
1,1-Dichloroethane	ND		0.50		ug/L			07/31/13 20:37	1
1,2-Dichloroethane	ND		0.50		ug/L			07/31/13 20:37	1
1,1-Dichloroethene	ND		0.50		ug/L			07/31/13 20:37	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			07/31/13 20:37	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			07/31/13 20:37	1
1,2-Dichloropropane	ND		0.50		ug/L			07/31/13 20:37	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			07/31/13 20:37	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			07/31/13 20:37	1
Ethylbenzene	ND		0.50		ug/L			07/31/13 20:37	1
Hexachlorobutadiene	ND		1.0		ug/L			07/31/13 20:37	1
2-Hexanone	ND		50		ug/L			07/31/13 20:37	1
Isopropylbenzene	ND		0.50		ug/L			07/31/13 20:37	1
4-Isopropyltoluene	ND		1.0		ug/L			07/31/13 20:37	1
Methylene Chloride	ND		5.0		ug/L			07/31/13 20:37	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			07/31/13 20:37	1
Naphthalene	ND		1.0		ug/L			07/31/13 20:37	1
N-Propylbenzene	ND		1.0		ug/L			07/31/13 20:37	1
Styrene	ND		0.50		ug/L			07/31/13 20:37	1

TestAmerica Pleasanton



## QC Sample Results

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

TestAmerica Job ID: 720-51298-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-141297/4  
Matrix: Water  
Analysis Batch: 141297

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			07/31/13 20:37	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			07/31/13 20:37	1
Tetrachloroethene	ND		0.50		ug/L			07/31/13 20:37	1
Toluene	ND		0.50		ug/L			07/31/13 20:37	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			07/31/13 20:37	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			07/31/13 20:37	1
1,1,1-Trichloroethane	ND		0.50		ug/L			07/31/13 20:37	1
1,1,2-Trichloroethane	ND		0.50		ug/L			07/31/13 20:37	1
Trichloroethene	ND		0.50		ug/L			07/31/13 20:37	1
Trichlorofluoromethane	ND		1.0		ug/L			07/31/13 20:37	1
1,2,3-Trichloropropane	ND		0.50		ug/L			07/31/13 20:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			07/31/13 20:37	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			07/31/13 20:37	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			07/31/13 20:37	1
Vinyl acetate	ND		10		ug/L			07/31/13 20:37	1
Vinyl chloride	ND		0.50		ug/L			07/31/13 20:37	1
Xylenes, Total	ND		1.0		ug/L			07/31/13 20:37	1
2,2-Dichloropropane	ND		0.50		ug/L			07/31/13 20:37	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			07/31/13 20:37	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	98		67 - 130		07/31/13 20:37	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 138		07/31/13 20:37	1
Toluene-d8 (Surr)	100		70 - 130		07/31/13 20:37	1

Lab Sample ID: LCS 720-141297/5  
Matrix: Water  
Analysis Batch: 141297

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	125	95.0		ug/L		76	26 - 180
Benzene	25.0	23.2		ug/L		93	79 - 130
Dichlorobromomethane	25.0	25.3		ug/L		101	70 - 130
Bromobenzene	25.0	26.5		ug/L		106	70 - 130
Chlorobromomethane	25.0	25.4		ug/L		102	70 - 130
Bromoform	25.0	28.6		ug/L		114	68 - 136
Bromomethane	25.0	22.4		ug/L		90	43 - 151
2-Butanone (MEK)	125	102		ug/L		82	54 - 130
n-Butylbenzene	25.0	26.9		ug/L		108	70 - 142
sec-Butylbenzene	25.0	25.4		ug/L		102	70 - 134
tert-Butylbenzene	25.0	26.2		ug/L		105	70 - 135
Carbon disulfide	25.0	18.0		ug/L		72	58 - 130
Carbon tetrachloride	25.0	25.9		ug/L		103	70 - 146
Chlorobenzene	25.0	26.8		ug/L		107	70 - 130
Chloroethane	25.0	20.7		ug/L		83	62 - 138
Chloroform	25.0	24.7		ug/L		99	70 - 130

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141297/5

Matrix: Water

Analysis Batch: 141297

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	18.5		ug/L		74	52 - 175
2-Chlorotoluene	25.0	27.1		ug/L		108	70 - 130
4-Chlorotoluene	25.0	26.4		ug/L		106	70 - 130
Chlorodibromomethane	25.0	27.2		ug/L		109	70 - 145
1,2-Dichlorobenzene	25.0	26.5		ug/L		106	70 - 130
1,3-Dichlorobenzene	25.0	28.2		ug/L		113	70 - 130
1,4-Dichlorobenzene	25.0	27.3		ug/L		109	70 - 130
1,3-Dichloropropane	25.0	24.8		ug/L		99	70 - 130
1,1-Dichloropropene	25.0	25.7		ug/L		103	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	22.3		ug/L		89	70 - 136
Ethylene Dibromide	25.0	26.5		ug/L		106	70 - 130
Dibromomethane	25.0	24.5		ug/L		98	70 - 130
Dichlorodifluoromethane	25.0	22.7		ug/L		91	34 - 132
1,1-Dichloroethane	25.0	22.1		ug/L		89	70 - 130
1,2-Dichloroethane	25.0	25.0		ug/L		100	61 - 132
1,1-Dichloroethene	25.0	21.3		ug/L		85	64 - 128
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	70 - 130
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	68 - 130
1,2-Dichloropropane	25.0	23.2		ug/L		93	70 - 130
cis-1,3-Dichloropropene	25.0	26.6		ug/L		106	70 - 130
trans-1,3-Dichloropropene	25.0	25.6		ug/L		103	70 - 140
Ethylbenzene	25.0	25.8		ug/L		103	80 - 120
Hexachlorobutadiene	25.0	25.1		ug/L		101	70 - 130
2-Hexanone	125	90.5		ug/L		72	60 - 164
Isopropylbenzene	25.0	27.4		ug/L		109	70 - 130
4-Isopropyltoluene	25.0	27.1		ug/L		108	70 - 130
Methylene Chloride	25.0	23.3		ug/L		93	70 - 147
4-Methyl-2-pentanone (MIBK)	125	94.6		ug/L		76	58 - 130
Naphthalene	25.0	24.1		ug/L		96	70 - 130
N-Propylbenzene	25.0	25.3		ug/L		101	70 - 130
Styrene	25.0	26.7		ug/L		107	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.5		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.4		ug/L		94	70 - 130
Tetrachloroethene	25.0	26.5		ug/L		106	70 - 130
Toluene	25.0	25.0		ug/L		100	78 - 120
1,2,3-Trichlorobenzene	25.0	25.6		ug/L		102	70 - 130
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	70 - 130
1,1,1-Trichloroethane	25.0	25.4		ug/L		102	70 - 130
1,1,2-Trichloroethane	25.0	25.6		ug/L		103	70 - 130
Trichloroethene	25.0	26.5		ug/L		106	70 - 130
Trichlorofluoromethane	25.0	24.2		ug/L		97	66 - 132
1,2,3-Trichloropropane	25.0	25.4		ug/L		102	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.7		ug/L		99	42 - 162
1,2,4-Trimethylbenzene	25.0	26.3		ug/L		105	70 - 132
1,3,5-Trimethylbenzene	25.0	25.9		ug/L		103	70 - 130
Vinyl acetate	25.0	24.3		ug/L		97	43 - 163
Vinyl chloride	25.0	19.2		ug/L		77	54 - 135

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-51298-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141297/5

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141297

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	50.0	56.4		ug/L		113	70 - 142
o-Xylene	25.0	27.9		ug/L		112	70 - 130
2,2-Dichloropropane	25.0	25.5		ug/L		102	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	114		67 - 130
1,2-Dichloroethane-d4 (Surr)	92		75 - 138
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: LCS 720-141297/7

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141297

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	530		ug/L		106	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	111		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		75 - 138
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 720-141297/6

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141297

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	26.2		ug/L		105	62 - 130	4	20
Acetone	125	98.9		ug/L		79	26 - 180	4	30
Benzene	25.0	23.3		ug/L		93	79 - 130	1	20
Dichlorobromomethane	25.0	25.8		ug/L		103	70 - 130	2	20
Bromobenzene	25.0	27.7		ug/L		111	70 - 130	4	20
Chlorobromomethane	25.0	26.2		ug/L		105	70 - 130	3	20
Bromoform	25.0	28.5		ug/L		114	68 - 136	0	20
Bromomethane	25.0	21.7		ug/L		87	43 - 151	3	20
2-Butanone (MEK)	125	99.2		ug/L		79	54 - 130	3	20
n-Butylbenzene	25.0	26.4		ug/L		106	70 - 142	2	20
sec-Butylbenzene	25.0	25.3		ug/L		101	70 - 134	0	20
tert-Butylbenzene	25.0	26.4		ug/L		106	70 - 135	1	20
Carbon disulfide	25.0	17.3		ug/L		69	58 - 130	4	20
Carbon tetrachloride	25.0	25.6		ug/L		102	70 - 146	1	20
Chlorobenzene	25.0	26.4		ug/L		105	70 - 130	2	20
Chloroethane	25.0	20.3		ug/L		81	62 - 138	2	20
Chloroform	25.0	24.9		ug/L		100	70 - 130	1	20
Chloromethane	25.0	18.3		ug/L		73	52 - 175	1	20
2-Chlorotoluene	25.0	27.6		ug/L		111	70 - 130	2	20
4-Chlorotoluene	25.0	26.7		ug/L		107	70 - 130	1	20
Chlorodibromomethane	25.0	28.1		ug/L		113	70 - 145	3	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141297/6

Matrix: Water

Analysis Batch: 141297

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	25.0	27.0		ug/L		108	70 - 130	2	20
1,3-Dichlorobenzene	25.0	28.3		ug/L		113	70 - 130	0	20
1,4-Dichlorobenzene	25.0	27.2		ug/L		109	70 - 130	0	20
1,3-Dichloropropane	25.0	25.2		ug/L		101	70 - 130	2	20
1,1-Dichloropropene	25.0	25.3		ug/L		101	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	22.4		ug/L		90	70 - 136	1	20
Ethylene Dibromide	25.0	27.6		ug/L		110	70 - 130	4	20
Dibromomethane	25.0	25.1		ug/L		100	70 - 130	2	20
Dichlorodifluoromethane	25.0	22.0		ug/L		88	34 - 132	3	20
1,1-Dichloroethane	25.0	22.0		ug/L		88	70 - 130	1	20
1,2-Dichloroethane	25.0	25.1		ug/L		100	61 - 132	0	20
1,1-Dichloroethene	25.0	21.2		ug/L		85	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	22.8		ug/L		91	68 - 130	1	20
1,2-Dichloropropane	25.0	23.3		ug/L		93	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	70 - 130	3	20
trans-1,3-Dichloropropene	25.0	26.9		ug/L		108	70 - 140	5	20
Ethylbenzene	25.0	25.2		ug/L		101	80 - 120	2	20
Hexachlorobutadiene	25.0	24.4		ug/L		98	70 - 130	3	20
2-Hexanone	125	94.2		ug/L		75	60 - 164	4	20
Isopropylbenzene	25.0	26.5		ug/L		106	70 - 130	3	20
4-Isopropyltoluene	25.0	26.6		ug/L		106	70 - 130	2	20
Methylene Chloride	25.0	23.3		ug/L		93	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	98.2		ug/L		79	58 - 130	4	20
Naphthalene	25.0	24.6		ug/L		98	70 - 130	2	20
N-Propylbenzene	25.0	25.6		ug/L		103	70 - 130	1	20
Styrene	25.0	26.4		ug/L		106	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	27.7		ug/L		111	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	23.9		ug/L		96	70 - 130	2	20
Tetrachloroethene	25.0	26.6		ug/L		107	70 - 130	1	20
Toluene	25.0	24.5		ug/L		98	78 - 120	2	20
1,2,3-Trichlorobenzene	25.0	25.7		ug/L		103	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	26.2		ug/L		105	70 - 130	1	20
1,1,1-Trichloroethane	25.0	25.3		ug/L		101	70 - 130	0	20
1,1,2-Trichloroethane	25.0	26.4		ug/L		106	70 - 130	3	20
Trichloroethene	25.0	26.4		ug/L		106	70 - 130	0	20
Trichlorofluoromethane	25.0	23.3		ug/L		93	66 - 132	4	20
1,2,3-Trichloropropane	25.0	26.4		ug/L		106	70 - 130	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.1		ug/L		96	42 - 162	2	20
1,2,4-Trimethylbenzene	25.0	26.4		ug/L		106	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	26.2		ug/L		105	70 - 130	1	20
Vinyl acetate	25.0	24.6		ug/L		99	43 - 163	2	20
Vinyl chloride	25.0	18.7		ug/L		75	54 - 135	3	20
m-Xylene & p-Xylene	50.0	55.0		ug/L		110	70 - 142	3	20
o-Xylene	25.0	27.4		ug/L		110	70 - 130	2	20
2,2-Dichloropropane	25.0	26.0		ug/L		104	70 - 140	2	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-51298-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141297/6  
Matrix: Water  
Analysis Batch: 141297

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)	94		75 - 138
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: LCSD 720-141297/8  
Matrix: Water  
Analysis Batch: 141297

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO) -C5-C12	500	516		ug/L		103	62 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	110		67 - 130
1,2-Dichloroethane-d4 (Surr)	97		75 - 138
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: 720-51298-3 MS  
Matrix: Water  
Analysis Batch: 141297

Client Sample ID: MP-03-1  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	ND		25.0	26.8		ug/L		107	60 - 138
Acetone	ND		125	86.1		ug/L		69	60 - 140
Benzene	ND		25.0	23.5		ug/L		94	60 - 140
Dichlorobromomethane	ND		25.0	26.2		ug/L		105	60 - 140
Bromobenzene	ND		25.0	28.2		ug/L		113	60 - 140
Chlorobromomethane	ND		25.0	26.5		ug/L		106	60 - 140
Bromoform	ND		25.0	28.7		ug/L		115	56 - 140
Bromomethane	ND		25.0	20.5		ug/L		82	23 - 140
2-Butanone (MEK)	ND		125	105		ug/L		84	60 - 140
n-Butylbenzene	ND		25.0	25.3		ug/L		101	60 - 140
sec-Butylbenzene	ND		25.0	24.9		ug/L		100	60 - 140
tert-Butylbenzene	ND		25.0	26.2		ug/L		105	60 - 140
Carbon disulfide	ND		25.0	17.5		ug/L		70	38 - 140
Carbon tetrachloride	ND		25.0	25.0		ug/L		100	60 - 140
Chlorobenzene	ND		25.0	26.5		ug/L		106	60 - 140
Chloroethane	ND		25.0	20.1		ug/L		80	51 - 140
Chloroform	ND		25.0	25.4		ug/L		102	60 - 140
Chloromethane	ND		25.0	17.8		ug/L		71	52 - 140
2-Chlorotoluene	ND		25.0	27.5		ug/L		110	60 - 140
4-Chlorotoluene	ND		25.0	26.7		ug/L		107	60 - 140
Chlorodibromomethane	ND		25.0	28.3		ug/L		113	60 - 140
1,2-Dichlorobenzene	ND		25.0	27.0		ug/L		108	60 - 140
1,3-Dichlorobenzene	ND		25.0	28.2		ug/L		113	60 - 140
1,4-Dichlorobenzene	ND		25.0	27.0		ug/L		108	60 - 140
1,3-Dichloropropane	ND		25.0	26.0		ug/L		104	60 - 140
1,1-Dichloropropene	ND		25.0	24.6		ug/L		98	60 - 140

TestAmerica Pleasanton



# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-51298-3 MS

Matrix: Water

Analysis Batch: 141297

Client Sample ID: MP-03-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	ND		25.0	23.5		ug/L		94	60 - 140
Ethylene Dibromide	ND		25.0	27.4		ug/L		110	60 - 140
Dibromomethane	ND		25.0	25.7		ug/L		103	60 - 140
Dichlorodifluoromethane	ND		25.0	20.9		ug/L		84	38 - 140
1,1-Dichloroethane	ND		25.0	22.6		ug/L		90	60 - 140
1,2-Dichloroethane	ND		25.0	25.7		ug/L		103	60 - 140
1,1-Dichloroethene	ND		25.0	20.0		ug/L		80	60 - 140
cis-1,2-Dichloroethene	ND		25.0	24.6		ug/L		97	60 - 140
trans-1,2-Dichloroethene	ND		25.0	22.3		ug/L		88	60 - 140
1,2-Dichloropropane	ND		25.0	24.1		ug/L		96	60 - 140
cis-1,3-Dichloropropene	ND		25.0	27.0		ug/L		108	60 - 140
trans-1,3-Dichloropropene	ND		25.0	26.2		ug/L		105	60 - 140
Ethylbenzene	ND		25.0	25.3		ug/L		101	60 - 140
Hexachlorobutadiene	ND		25.0	23.3		ug/L		93	60 - 140
2-Hexanone	ND		125	96.1		ug/L		77	60 - 140
Isopropylbenzene	ND		25.0	26.0		ug/L		104	60 - 140
4-Isopropyltoluene	ND		25.0	26.1		ug/L		104	60 - 140
Methylene Chloride	ND		25.0	23.1		ug/L		92	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	102		ug/L		81	58 - 130
Naphthalene	ND		25.0	24.5		ug/L		98	56 - 140
N-Propylbenzene	ND		25.0	25.5		ug/L		102	60 - 140
Styrene	ND		25.0	26.1		ug/L		104	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	28.2		ug/L		113	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	25.4		ug/L		102	60 - 140
Tetrachloroethene	160		25.0	173		ug/L		72	60 - 140
Toluene	ND		25.0	24.7		ug/L		99	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	25.4		ug/L		101	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.5		ug/L		102	60 - 140
1,1,2-Trichloroethane	ND		25.0	27.1		ug/L		108	60 - 140
Trichloroethene	10		25.0	37.0		ug/L		108	60 - 140
Trichlorofluoromethane	ND		25.0	22.9		ug/L		92	60 - 140
1,2,3-Trichloropropane	ND		25.0	27.4		ug/L		110	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.4		ug/L		90	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.1		ug/L		105	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	25.7		ug/L		103	60 - 140
Vinyl acetate	ND		25.0	23.5		ug/L		94	40 - 140
Vinyl chloride	ND		25.0	18.2		ug/L		73	58 - 140
m-Xylene & p-Xylene	ND		50.0	54.1		ug/L		108	60 - 140
o-Xylene	ND		25.0	27.6		ug/L		110	60 - 140
2,2-Dichloropropane	ND		25.0	24.5		ug/L		98	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	110		67 - 130
1,2-Dichloroethane-d4 (Surr)	97		75 - 138
Toluenes-d8 (Surr)	103		70 - 130

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-51298-3 MSD

Matrix: Water

Analysis Batch: 141297

Client Sample ID: MP-03-1

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Methyl tert-butyl ether	ND		25.0	27.3		ug/L		109	60 - 138	2	20
Acetone	ND		125	86.2		ug/L		69	60 - 140	0	20
Benzene	ND		25.0	23.5		ug/L		94	60 - 140	0	20
Dichlorobromomethane	ND		25.0	25.6		ug/L		103	60 - 140	2	20
Bromobenzene	ND		25.0	28.0		ug/L		112	60 - 140	1	20
Chlorobromomethane	ND		25.0	26.4		ug/L		106	60 - 140	0	20
Bromoform	ND		25.0	29.3		ug/L		117	56 - 140	2	20
Bromomethane	ND		25.0	20.8		ug/L		83	23 - 140	1	20
2-Butanone (MEK)	ND		125	105		ug/L		84	60 - 140	1	20
n-Butylbenzene	ND		25.0	25.9		ug/L		103	60 - 140	2	20
sec-Butylbenzene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
tert-Butylbenzene	ND		25.0	26.7		ug/L		107	60 - 140	2	20
Carbon disulfide	ND		25.0	17.2		ug/L		69	38 - 140	2	20
Carbon tetrachloride	ND		25.0	24.8		ug/L		99	60 - 140	1	20
Chlorobenzene	ND		25.0	26.8		ug/L		107	60 - 140	1	20
Chloroethane	ND		25.0	20.1		ug/L		80	51 - 140	0	20
Chloroform	ND		25.0	25.2		ug/L		101	60 - 140	1	20
Chloromethane	ND		25.0	17.5		ug/L		70	52 - 140	2	20
2-Chlorotoluene	ND		25.0	27.9		ug/L		111	60 - 140	1	20
4-Chlorotoluene	ND		25.0	27.0		ug/L		108	60 - 140	1	20
Chlorodibromomethane	ND		25.0	28.6		ug/L		115	60 - 140	1	20
1,2-Dichlorobenzene	ND		25.0	27.7		ug/L		111	60 - 140	2	20
1,3-Dichlorobenzene	ND		25.0	28.5		ug/L		114	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	26.9		ug/L		107	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	26.1		ug/L		104	60 - 140	0	20
1,1-Dichloropropane	ND		25.0	24.7		ug/L		99	60 - 140	0	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.7		ug/L		99	60 - 140	5	20
Ethylene Dibromide	ND		25.0	27.8		ug/L		111	60 - 140	1	20
Dibromomethane	ND		25.0	25.9		ug/L		103	60 - 140	1	20
Dichlorodifluoromethane	ND		25.0	20.7		ug/L		83	38 - 140	1	20
1,1-Dichloroethane	ND		25.0	22.5		ug/L		90	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	25.8		ug/L		103	60 - 140	0	20
1,1-Dichloroethene	ND		25.0	20.2		ug/L		81	60 - 140	1	20
cis-1,2-Dichloroethene	ND		25.0	24.5		ug/L		96	60 - 140	0	20
trans-1,2-Dichloroethene	ND		25.0	22.0		ug/L		87	60 - 140	1	20
1,2-Dichloropropane	ND		25.0	24.3		ug/L		97	60 - 140	1	20
cis-1,3-Dichloropropene	ND		25.0	26.8		ug/L		107	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	27.4		ug/L		109	60 - 140	4	20
Ethylbenzene	ND		25.0	25.5		ug/L		102	60 - 140	1	20
Hexachlorobutadiene	ND		25.0	25.5		ug/L		102	60 - 140	9	20
2-Hexanone	ND		125	98.5		ug/L		79	60 - 140	2	20
Isopropylbenzene	ND		25.0	26.4		ug/L		106	60 - 140	2	20
4-Isopropyltoluene	ND		25.0	26.5		ug/L		106	60 - 140	2	20
Methylene Chloride	ND		25.0	22.9		ug/L		92	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	102		ug/L		81	58 - 130	0	20
Naphthalene	ND		25.0	26.3		ug/L		105	56 - 140	7	20
N-Propylbenzene	ND		25.0	25.5		ug/L		102	60 - 140	0	20
Styrene	ND		25.0	26.6		ug/L		106	60 - 140	2	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-51298-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-51298-3 MSD

Client Sample ID: MP-03-1

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141297

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
1,1,1,2-Tetrachloroethane	ND		25.0	28.6		ug/L		114	60 - 140	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	25.6		ug/L		102	60 - 140	1	20
Tetrachloroethane	160		25.0	176		ug/L		83	60 - 140	2	20
Toluene	ND		25.0	24.9		ug/L		100	60 - 140	1	20
1,2,3-Trichlorobenzene	ND		25.0	27.2		ug/L		109	60 - 140	7	20
1,2,4-Trichlorobenzene	ND		25.0	26.8		ug/L		107	60 - 140	5	20
1,1,1-Trichloroethane	ND		25.0	25.5		ug/L		102	60 - 140	0	20
1,1,2-Trichloroethane	ND		25.0	27.3		ug/L		109	60 - 140	1	20
Trichloroethane	10		25.0	36.4		ug/L		106	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	22.6		ug/L		90	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	27.2		ug/L		109	60 - 140	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.0		ug/L		88	60 - 140	2	20
1,2,4-Trimethylbenzene	ND		25.0	26.5		ug/L		106	60 - 140	1	20
1,3,5-Trimethylbenzene	ND		25.0	26.0		ug/L		104	60 - 140	1	20
Vinyl acetate	ND		25.0	23.3		ug/L		93	40 - 140	1	20
Vinyl chloride	ND		25.0	18.2		ug/L		73	58 - 140	0	20
m-Xylene & p-Xylene	ND		50.0	54.8		ug/L		110	60 - 140	1	20
o-Xylene	ND		25.0	27.6		ug/L		111	60 - 140	0	20
2,2-Dichloropropane	ND		25.0	24.3		ug/L		97	60 - 140	1	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	110		67 - 130
1,2-Dichloroethane-d4 (Surr)	96		75 - 138
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: MB 720-141332/4

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141332

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			08/01/13 10:44	1
Acetone	ND		50		ug/L			08/01/13 10:44	1
Benzene	ND		0.50		ug/L			08/01/13 10:44	1
Dichlorobromomethane	ND		0.50		ug/L			08/01/13 10:44	1
Bromobenzene	ND		1.0		ug/L			08/01/13 10:44	1
Chlorobromomethane	ND		1.0		ug/L			08/01/13 10:44	1
Bromoform	ND		1.0		ug/L			08/01/13 10:44	1
Bromomethane	ND		1.0		ug/L			08/01/13 10:44	1
2-Butanone (MEK)	ND		50		ug/L			08/01/13 10:44	1
n-Butylbenzene	ND		1.0		ug/L			08/01/13 10:44	1
sec-Butylbenzene	ND		1.0		ug/L			08/01/13 10:44	1
tert-Butylbenzene	ND		1.0		ug/L			08/01/13 10:44	1
Carbon disulfide	ND		5.0		ug/L			08/01/13 10:44	1
Carbon tetrachloride	ND		0.50		ug/L			08/01/13 10:44	1
Chlorobenzene	ND		0.50		ug/L			08/01/13 10:44	1
Chloroethane	ND		1.0		ug/L			08/01/13 10:44	1
Chloroform	ND		1.0		ug/L			08/01/13 10:44	1

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-141332/4

Matrix: Water

Analysis Batch: 141332

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			08/01/13 10:44	1
2-Chlorotoluene	ND		0.50		ug/L			08/01/13 10:44	1
4-Chlorotoluene	ND		0.50		ug/L			08/01/13 10:44	1
Chlorodibromomethane	ND		0.50		ug/L			08/01/13 10:44	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/01/13 10:44	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/01/13 10:44	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/01/13 10:44	1
1,3-Dichloropropane	ND		1.0		ug/L			08/01/13 10:44	1
1,1-Dichloropropene	ND		0.50		ug/L			08/01/13 10:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/01/13 10:44	1
Ethylene Dibromide	ND		0.50		ug/L			08/01/13 10:44	1
Dibromomethane	ND		0.50		ug/L			08/01/13 10:44	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/01/13 10:44	1
1,1-Dichloroethane	ND		0.50		ug/L			08/01/13 10:44	1
1,2-Dichloroethane	ND		0.50		ug/L			08/01/13 10:44	1
1,1-Dichloroethene	ND		0.50		ug/L			08/01/13 10:44	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/01/13 10:44	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/01/13 10:44	1
1,2-Dichloropropane	ND		0.50		ug/L			08/01/13 10:44	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/01/13 10:44	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/01/13 10:44	1
Ethylbenzene	ND		0.50		ug/L			08/01/13 10:44	1
Hexachlorobutadiene	ND		1.0		ug/L			08/01/13 10:44	1
2-Hexanone	ND		50		ug/L			08/01/13 10:44	1
Isopropylbenzene	ND		0.50		ug/L			08/01/13 10:44	1
4-Isopropyltoluene	ND		1.0		ug/L			08/01/13 10:44	1
Methylene Chloride	ND		5.0		ug/L			08/01/13 10:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/01/13 10:44	1
Naphthalene	ND		1.0		ug/L			08/01/13 10:44	1
N-Propylbenzene	ND		1.0		ug/L			08/01/13 10:44	1
Styrene	ND		0.50		ug/L			08/01/13 10:44	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/01/13 10:44	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/01/13 10:44	1
Tetrachloroethene	ND		0.50		ug/L			08/01/13 10:44	1
Toluene	ND		0.50		ug/L			08/01/13 10:44	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/01/13 10:44	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/01/13 10:44	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/01/13 10:44	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/01/13 10:44	1
Trichloroethene	ND		0.50		ug/L			08/01/13 10:44	1
Trichlorofluoromethane	ND		1.0		ug/L			08/01/13 10:44	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/01/13 10:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/01/13 10:44	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/01/13 10:44	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/01/13 10:44	1
Vinyl acetate	ND		10		ug/L			08/01/13 10:44	1
Vinyl chloride	ND		0.50		ug/L			08/01/13 10:44	1
Xylenes, Total	ND		1.0		ug/L			08/01/13 10:44	1

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-141332/4

Matrix: Water

Analysis Batch: 141332

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			08/01/13 10:44	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/01/13 10:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130		08/01/13 10:44	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 138		08/01/13 10:44	1
Toluene-d8 (Surr)	96		70 - 130		08/01/13 10:44	1

Lab Sample ID: LCS 720-141332/5

Matrix: Water

Analysis Batch: 141332

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	28.6		ug/L		114	62 - 130
Acetone	125	112		ug/L		89	26 - 180
Benzene	25.0	26.3		ug/L		105	79 - 130
Dichlorobromomethane	25.0	26.6		ug/L		106	70 - 130
Bromobenzene	25.0	27.7		ug/L		111	70 - 130
Chlorobromomethane	25.0	26.0		ug/L		104	70 - 130
Bromoform	25.0	27.4		ug/L		110	68 - 136
Bromomethane	25.0	27.4		ug/L		110	43 - 151
2-Butanone (MEK)	125	137		ug/L		110	54 - 130
n-Butylbenzene	25.0	28.3		ug/L		113	70 - 142
sec-Butylbenzene	25.0	29.1		ug/L		116	70 - 134
tert-Butylbenzene	25.0	30.5		ug/L		122	70 - 135
Carbon disulfide	25.0	23.3		ug/L		93	58 - 130
Carbon tetrachloride	25.0	28.5		ug/L		114	70 - 146
Chlorobenzene	25.0	27.4		ug/L		110	70 - 130
Chloroethane	25.0	28.4		ug/L		114	62 - 138
Chloroform	25.0	26.9		ug/L		108	70 - 130
Chloromethane	25.0	28.9		ug/L		115	52 - 175
2-Chlorotoluene	25.0	29.3		ug/L		117	70 - 130
4-Chlorotoluene	25.0	28.2		ug/L		113	70 - 130
Chlorodibromomethane	25.0	26.5		ug/L		106	70 - 145
1,2-Dichlorobenzene	25.0	27.2		ug/L		109	70 - 130
1,3-Dichlorobenzene	25.0	28.1		ug/L		112	70 - 130
1,4-Dichlorobenzene	25.0	27.8		ug/L		111	70 - 130
1,3-Dichloropropane	25.0	27.1		ug/L		108	70 - 130
1,1-Dichloropropene	25.0	29.0		ug/L		116	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	26.3		ug/L		105	70 - 136
Ethylene Dibromide	25.0	26.4		ug/L		106	70 - 130
Dibromomethane	25.0	26.1		ug/L		104	70 - 130
Dichlorodifluoromethane	25.0	29.1		ug/L		117	34 - 132
1,1-Dichloroethane	25.0	26.3		ug/L		105	70 - 130
1,2-Dichloroethane	25.0	26.1		ug/L		104	61 - 132
1,1-Dichloroethene	25.0	24.9		ug/L		100	64 - 128
cis-1,2-Dichloroethene	25.0	26.9		ug/L		107	70 - 130

TestAmerica Pleasanton



## QC Sample Results

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

TestAmerica Job ID: 720-51298-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141332/5

Matrix: Water

Analysis Batch: 141332

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	26.4		ug/L		106	68 - 130
1,2-Dichloropropane	25.0	28.2		ug/L		113	70 - 130
cis-1,3-Dichloropropene	25.0	27.3		ug/L		109	70 - 130
trans-1,3-Dichloropropene	25.0	26.9		ug/L		108	70 - 140
Ethylbenzene	25.0	27.2		ug/L		109	80 - 120
Hexachlorobutadiene	25.0	22.6		ug/L		90	70 - 130
2-Hexanone	125	128		ug/L		103	60 - 164
Isopropylbenzene	25.0	28.9		ug/L		116	70 - 130
4-Isopropyltoluene	25.0	28.9		ug/L		116	70 - 130
Methylene Chloride	25.0	24.4		ug/L		98	70 - 147
4-Methyl-2-pentanone (MIBK)	125	132		ug/L		105	58 - 130
Naphthalene	25.0	23.6		ug/L		95	70 - 130
N-Propylbenzene	25.0	30.2		ug/L		121	70 - 130
Styrene	25.0	27.6		ug/L		111	70 - 130
1,1,1,2-Tetrachloroethane	25.0	29.0		ug/L		116	70 - 130
1,1,1,2-Tetrachloroethane	25.0	29.4		ug/L		118	70 - 130
Tetrachloroethene	25.0	27.3		ug/L		109	70 - 130
Toluene	25.0	27.5		ug/L		110	78 - 120
1,2,3-Trichlorobenzene	25.0	20.6		ug/L		82	70 - 130
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	70 - 130
1,1,1-Trichloroethane	25.0	28.9		ug/L		116	70 - 130
1,1,2-Trichloroethane	25.0	27.3		ug/L		109	70 - 130
Trichloroethene	25.0	27.9		ug/L		112	70 - 130
Trichlorofluoromethane	25.0	26.1		ug/L		104	66 - 132
1,2,3-Trichloropropane	25.0	28.1		ug/L		113	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.0		ug/L		100	42 - 162
1,2,4-Trimethylbenzene	25.0	30.1		ug/L		120	70 - 132
1,3,5-Trimethylbenzene	25.0	30.2		ug/L		121	70 - 130
Vinyl acetate	25.0	35.6		ug/L		143	43 - 163
Vinyl chloride	25.0	31.8		ug/L		127	54 - 135
m-Xylene & p-Xylene	50.0	56.4		ug/L		113	70 - 142
o-Xylene	25.0	28.2		ug/L		113	70 - 130
2,2-Dichloropropane	25.0	33.7		ug/L		135	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	89		75 - 138
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCS 720-141332/7

Matrix: Water

Analysis Batch: 141332

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	498		ug/L		100	62 - 120

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141332/7  
 Matrix: Water  
 Analysis Batch: 141332

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

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	90		75 - 138
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: LCSD 720-141332/6  
 Matrix: Water  
 Analysis Batch: 141332

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Methyl tert-butyl ether	25.0	25.5		ug/L		102	62 - 130	11	20
Acetone	125	103		ug/L		83	26 - 180	8	30
Benzene	25.0	25.1		ug/L		100	79 - 130	4	20
Dichlorobromomethane	25.0	27.1		ug/L		108	70 - 130	2	20
Bromobenzene	25.0	29.8		ug/L		119	70 - 130	7	20
Chlorobromomethane	25.0	23.6		ug/L		94	70 - 130	10	20
Bromoform	25.0	27.5		ug/L		110	68 - 136	0	20
Bromomethane	25.0	23.5		ug/L		94	43 - 151	15	20
2-Butanone (MEK)	125	144		ug/L		115	54 - 130	5	20
n-Butylbenzene	25.0	27.0		ug/L		108	70 - 142	5	20
sec-Butylbenzene	25.0	28.2		ug/L		113	70 - 134	3	20
tert-Butylbenzene	25.0	30.1		ug/L		120	70 - 135	1	20
Carbon disulfide	25.0	18.8	*	ug/L		75	58 - 130	21	20
Carbon tetrachloride	25.0	25.7		ug/L		103	70 - 146	10	20
Chlorobenzene	25.0	27.3		ug/L		109	70 - 130	1	20
Chloroethane	25.0	24.0		ug/L		96	62 - 138	17	20
Chloroform	25.0	24.0		ug/L		96	70 - 130	12	20
Chloromethane	25.0	23.9		ug/L		95	52 - 175	19	20
2-Chlorotoluene	25.0	29.5		ug/L		118	70 - 130	1	20
4-Chlorotoluene	25.0	29.6		ug/L		118	70 - 130	5	20
Chlorodibromomethane	25.0	28.6		ug/L		114	70 - 145	8	20
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130	4	20
1,3-Dichlorobenzene	25.0	27.9		ug/L		112	70 - 130	1	20
1,4-Dichlorobenzene	25.0	27.8		ug/L		111	70 - 130	0	20
1,3-Dichloropropane	25.0	31.1		ug/L		124	70 - 130	14	20
1,1-Dichloropropene	25.0	26.8		ug/L		107	70 - 130	8	20
1,2-Dibromo-3-Chloropropane	25.0	24.7		ug/L		99	70 - 136	6	20
Ethylene Dibromide	25.0	30.1		ug/L		121	70 - 130	13	20
Dibromomethane	25.0	26.2		ug/L		105	70 - 130	0	20
Dichlorodifluoromethane	25.0	23.8		ug/L		95	34 - 132	20	20
1,1-Dichloroethane	25.0	23.1		ug/L		92	70 - 130	13	20
1,2-Dichloroethane	25.0	25.7		ug/L		103	61 - 132	1	20
1,1-Dichloroethene	25.0	21.3		ug/L		85	64 - 128	16	20
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	70 - 130	13	20
trans-1,2-Dichloroethene	25.0	22.8		ug/L		91	68 - 130	15	20
1,2-Dichloropropane	25.0	28.9		ug/L		115	70 - 130	2	20
cis-1,3-Dichloropropene	25.0	30.1		ug/L		120	70 - 130	10	20
trans-1,3-Dichloropropene	25.0	31.1		ug/L		124	70 - 140	14	20
Ethylbenzene	25.0	25.7		ug/L		103	80 - 120	5	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-51298-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141332/6

Matrix: Water

Analysis Batch: 141332

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	20.7		ug/L		83	70 - 130	8	20
2-Hexanone	125	150		ug/L		120	60 - 164	16	20
Isopropylbenzene	25.0	25.6		ug/L		103	70 - 130	12	20
4-Isopropyltoluene	25.0	27.8		ug/L		111	70 - 130	4	20
Methylene Chloride	25.0	20.8		ug/L		83	70 - 147	16	20
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	58 - 130	2	20
Naphthalene	25.0	22.0		ug/L		88	70 - 130	7	20
N-Propylbenzene	25.0	30.5		ug/L		122	70 - 130	1	20
Styrene	25.0	27.1		ug/L		109	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	25.9		ug/L		104	70 - 130	11	20
1,1,2,2-Tetrachloroethane	25.0	30.0		ug/L		120	70 - 130	2	20
Tetrachloroethene	25.0	28.3		ug/L		113	70 - 130	4	20
Toluene	25.0	26.6		ug/L		107	78 - 120	3	20
1,2,3-Trichlorobenzene	25.0	19.2		ug/L		77	70 - 130	7	20
1,2,4-Trichlorobenzene	25.0	21.7		ug/L		87	70 - 130	7	20
1,1,1-Trichloroethane	25.0	25.6		ug/L		102	70 - 130	12	20
1,1,2-Trichloroethane	25.0	30.5		ug/L		122	70 - 130	11	20
Trichloroethene	25.0	26.8		ug/L		107	70 - 130	4	20
Trichlorofluoromethane	25.0	21.3		ug/L		85	66 - 132	20	20
1,2,3-Trichloropropane	25.0	29.5		ug/L		118	70 - 130	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.7		ug/L		87	42 - 162	14	20
1,2,4-Trimethylbenzene	25.0	29.4		ug/L		118	70 - 132	2	20
1,3,5-Trimethylbenzene	25.0	29.8		ug/L		119	70 - 130	1	20
Vinyl acetate	25.0	36.6		ug/L		146	43 - 163	3	20
Vinyl chloride	25.0	25.9		ug/L		104	54 - 135	20	20
m-Xylene & p-Xylene	50.0	53.3		ug/L		107	70 - 142	6	20
o-Xylene	25.0	25.5		ug/L		102	70 - 130	10	20
2,2-Dichloropropane	25.0	27.3		ug/L		109	70 - 140	21	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	94		67 - 130
1,2-Dichloroethane-d4 (Surr)	88		75 - 138
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: LCSD 720-141332/8

Matrix: Water

Analysis Batch: 141332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	500	484		ug/L		97	62 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	93		75 - 138
Toluene-d8 (Surr)	100		70 - 130

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-141443/4

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141443

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 10:49	1
Acetone	ND		50		ug/L			08/02/13 10:49	1
Benzene	ND		0.50		ug/L			08/02/13 10:49	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 10:49	1
Bromobenzene	ND		1.0		ug/L			08/02/13 10:49	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 10:49	1
Bromoform	ND		1.0		ug/L			08/02/13 10:49	1
Bromomethane	ND		1.0		ug/L			08/02/13 10:49	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 10:49	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 10:49	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 10:49	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 10:49	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 10:49	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 10:49	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 10:49	1
Chloroethane	ND		1.0		ug/L			08/02/13 10:49	1
Chloroform	ND		1.0		ug/L			08/02/13 10:49	1
Chloromethane	ND		1.0		ug/L			08/02/13 10:49	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 10:49	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 10:49	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 10:49	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 10:49	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 10:49	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 10:49	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 10:49	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 10:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 10:49	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 10:49	1
Dibromomethane	ND		0.50		ug/L			08/02/13 10:49	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 10:49	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 10:49	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 10:49	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 10:49	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 10:49	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 10:49	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 10:49	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 10:49	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 10:49	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 10:49	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 10:49	1
2-Hexanone	ND		50		ug/L			08/02/13 10:49	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 10:49	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 10:49	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 10:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 10:49	1
Naphthalene	ND		1.0		ug/L			08/02/13 10:49	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 10:49	1
Styrene	ND		0.50		ug/L			08/02/13 10:49	1

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Lab Sample ID: MB 720-141443/4  
 Matrix: Water  
 Analysis Batch: 141443

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 10:49	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 10:49	1
Tetrachloroethane	ND		0.50		ug/L			08/02/13 10:49	1
Toluene	ND		0.50		ug/L			08/02/13 10:49	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 10:49	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 10:49	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 10:49	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 10:49	1
Trichloroethene	ND		0.50		ug/L			08/02/13 10:49	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 10:49	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 10:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 10:49	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 10:49	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 10:49	1
Vinyl acetate	ND		10		ug/L			08/02/13 10:49	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 10:49	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 10:49	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 10:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 10:49	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	93		67 - 130		08/02/13 10:49	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 138		08/02/13 10:49	1
Toluene-d8 (Surr)	100		70 - 130		08/02/13 10:49	1

Lab Sample ID: LCS 720-141443/12  
 Matrix: Water  
 Analysis Batch: 141443

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	90		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCS 720-141443/5  
 Matrix: Water  
 Analysis Batch: 141443

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	125	112		ug/L		90	26 - 180
Benzene	25.0	26.6		ug/L		106	79 - 130
Dichlorobromomethane	25.0	28.8		ug/L		115	70 - 130

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Lab Sample ID: LCS 720-141443/5		Client Sample ID: Lab Control Sample					
Matrix: Water		Prep Type: Total/NA					
Analysis Batch: 141443							
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	25.0	30.7		ug/L		123	70 - 130
Chlorobromomethane	25.0	24.6		ug/L		98	70 - 130
Bromoform	25.0	28.1		ug/L		112	68 - 136
Bromomethane	25.0	23.4		ug/L		93	43 - 151
2-Butanone (MEK)	125	147		ug/L		118	54 - 130
n-Butylbenzene	25.0	28.3		ug/L		113	70 - 142
sec-Butylbenzene	25.0	29.4		ug/L		117	70 - 134
tert-Butylbenzene	25.0	31.3		ug/L		125	70 - 135
Carbon disulfide	25.0	18.4		ug/L		74	58 - 130
Carbon tetrachloride	25.0	27.5		ug/L		110	70 - 146
Chlorobenzene	25.0	28.3		ug/L		113	70 - 130
Chloroethane	25.0	23.8		ug/L		95	62 - 138
Chloroform	25.0	25.5		ug/L		102	70 - 130
Chloromethane	25.0	23.8		ug/L		95	52 - 175
2-Chlorotoluene	25.0	30.5		ug/L		122	70 - 130
4-Chlorotoluene	25.0	30.3		ug/L		121	70 - 130
Chlorodibromomethane	25.0	29.9		ug/L		120	70 - 145
1,2-Dichlorobenzene	25.0	26.8		ug/L		107	70 - 130
1,3-Dichlorobenzene	25.0	28.6		ug/L		115	70 - 130
1,4-Dichlorobenzene	25.0	28.3		ug/L		113	70 - 130
1,3-Dichloropropane	25.0	33.1		ug/L		132	70 - 130
1,1-Dichloropropene	25.0	28.5		ug/L		114	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	25.9		ug/L		104	70 - 136
Ethylene Dibromide	25.0	32.1		ug/L		128	70 - 130
Dibromomethane	25.0	27.8		ug/L		111	70 - 130
Dichlorodifluoromethane	25.0	24.8		ug/L		99	34 - 132
1,1-Dichloroethane	25.0	24.5		ug/L		98	70 - 130
1,2-Dichloroethane	25.0	27.5		ug/L		110	61 - 132
1,1-Dichloroethene	25.0	22.9		ug/L		91	64 - 128
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	70 - 130
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	68 - 130
1,2-Dichloropropane	25.0	30.5		ug/L		122	70 - 130
cis-1,3-Dichloropropene	25.0	31.4		ug/L		125	70 - 130
trans-1,3-Dichloropropene	25.0	32.4		ug/L		129	70 - 140
Ethylbenzene	25.0	26.9		ug/L		108	80 - 120
Hexachlorobutadiene	25.0	21.9		ug/L		88	70 - 130
2-Hexanone	125	156		ug/L		124	60 - 164
Isopropylbenzene	25.0	26.7		ug/L		107	70 - 130
4-Isopropyltoluene	25.0	29.0		ug/L		116	70 - 130
Methylene Chloride	25.0	22.4		ug/L		90	70 - 147
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	58 - 130
Naphthalene	25.0	23.2		ug/L		93	70 - 130
N-Propylbenzene	25.0	31.7		ug/L		127	70 - 130
Styrene	25.0	27.8		ug/L		111	70 - 130
1,1,1,2-Tetrachloroethane	25.0	26.8		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	25.0	31.0		ug/L		124	70 - 130
Tetrachloroethene	25.0	30.1		ug/L		120	70 - 130
Toluene	25.0	27.6		ug/L		111	78 - 120

TestAmerica Pleasanton



# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141443/5  
 Matrix: Water  
 Analysis Batch: 141443

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	25.0	20.5		ug/L		82	70 - 130
1,2,4-Trichlorobenzene	25.0	22.9		ug/L		91	70 - 130
1,1,1-Trichloroethane	25.0	27.4		ug/L		110	70 - 130
1,1,2-Trichloroethane	25.0	32.1		ug/L		128	70 - 130
Trichloroethene	25.0	28.4		ug/L		114	70 - 130
Trichlorofluoromethane	25.0	21.5		ug/L		86	66 - 132
1,2,3-Trichloropropane	25.0	30.7		ug/L		123	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		92	42 - 162
1,2,4-Trimethylbenzene	25.0	30.3		ug/L		121	70 - 132
1,3,5-Trimethylbenzene	25.0	30.9		ug/L		124	70 - 130
Vinyl acetate	25.0	37.4		ug/L		149	43 - 163
Vinyl chloride	25.0	25.2		ug/L		101	54 - 135
m-Xylene & p-Xylene	50.0	55.0		ug/L		110	70 - 142
o-Xylene	25.0	26.4		ug/L		106	70 - 130
2,2-Dichloropropane	25.0	28.1		ug/L		112	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	89		75 - 138
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 720-141443/13  
 Matrix: Water  
 Analysis Batch: 141443

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	535		ug/L		107	62 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	96		67 - 130
1,2-Dichloroethane-d4 (Surr)	90		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 720-141443/6  
 Matrix: Water  
 Analysis Batch: 141443

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	0	20
Acetone	125	116		ug/L		93	26 - 180	3	30
Benzene	25.0	27.3		ug/L		109	79 - 130	3	20
Dichlorobromomethane	25.0	29.0		ug/L		116	70 - 130	1	20
Bromobenzene	25.0	30.8		ug/L		123	70 - 130	0	20
Chlorobromomethane	25.0	25.2		ug/L		101	70 - 130	2	20
Bromoforn	25.0	28.1		ug/L		113	68 - 136	0	20
Bromomethane	25.0	25.0		ug/L		100	43 - 151	7	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141443/6

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141443

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
2-Butanone (MEK)	125	146		ug/L		117	54 - 130	1	20
n-Butylbenzene	25.0	28.7		ug/L		115	70 - 142	2	20
sec-Butylbenzene	25.0	30.1		ug/L		120	70 - 134	2	20
tert-Butylbenzene	25.0	32.1		ug/L		128	70 - 135	3	20
Carbon disulfide	25.0	19.5		ug/L		78	58 - 130	6	20
Carbon tetrachloride	25.0	28.3		ug/L		113	70 - 146	3	20
Chlorobenzene	25.0	28.9		ug/L		116	70 - 130	2	20
Chloroethane	25.0	25.3		ug/L		101	62 - 138	6	20
Chloroform	25.0	26.1		ug/L		104	70 - 130	2	20
Chloromethane	25.0	25.9		ug/L		103	52 - 175	8	20
2-Chlorotoluene	25.0	31.0		ug/L		124	70 - 130	2	20
4-Chlorotoluene	25.0	31.0		ug/L		124	70 - 130	2	20
Chlorodibromomethane	25.0	29.8		ug/L		119	70 - 145	0	20
1,2-Dichlorobenzene	25.0	27.2		ug/L		109	70 - 130	2	20
1,3-Dichlorobenzene	25.0	29.2		ug/L		117	70 - 130	2	20
1,4-Dichlorobenzene	25.0	28.8		ug/L		115	70 - 130	2	20
1,3-Dichloropropane	25.0	32.6		ug/L		130	70 - 130	1	20
1,1-Dichloropropene	25.0	29.3		ug/L		117	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	25.4		ug/L		102	70 - 136	2	20
Ethylene Dibromide	25.0	31.5		ug/L		126	70 - 130	2	20
Dibromomethane	25.0	27.9		ug/L		111	70 - 130	0	20
Dichlorodifluoromethane	25.0	26.4		ug/L		106	34 - 132	6	20
1,1-Dichloroethane	25.0	25.1		ug/L		100	70 - 130	3	20
1,2-Dichloroethane	25.0	27.5		ug/L		110	61 - 132	0	20
1,1-Dichloroethene	25.0	23.5		ug/L		94	64 - 128	3	20
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	70 - 130	3	20
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	68 - 130	3	20
1,2-Dichloropropane	25.0	30.8		ug/L		123	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	31.4		ug/L		126	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	32.4		ug/L		130	70 - 140	0	20
Ethylbenzene	25.0	27.7		ug/L		111	80 - 120	3	20
Hexachlorobutadiene	25.0	22.1		ug/L		88	70 - 130	1	20
2-Hexanone	125	150		ug/L		120	60 - 164	4	20
Isopropylbenzene	25.0	27.4		ug/L		110	70 - 130	3	20
4-Isopropyltoluene	25.0	29.7		ug/L		119	70 - 130	2	20
Methylene Chloride	25.0	23.1		ug/L		93	70 - 147	3	20
4-Methyl-2-pentanone (MIBK)	125	134		ug/L		107	58 - 130	2	20
Naphthalene	25.0	23.2		ug/L		93	70 - 130	0	20
N-Propylbenzene	25.0	32.2		ug/L		129	70 - 130	2	20
Styrene	25.0	28.6		ug/L		114	70 - 130	3	20
1,1,1,2-Tetrachloroethane	25.0	27.4		ug/L		110	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	30.6		ug/L		122	70 - 130	1	20
Tetrachloroethene	25.0	30.8		ug/L		123	70 - 130	2	20
Toluene	25.0	28.7		ug/L		115	78 - 120	4	20
1,2,3-Trichlorobenzene	25.0	20.5		ug/L		82	70 - 130	0	20
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	70 - 130	1	20
1,1,1-Trichloroethane	25.0	28.3		ug/L		113	70 - 130	3	20
1,1,2-Trichloroethane	25.0	31.8		ug/L		127	70 - 130	1	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141443/6

Matrix: Water

Analysis Batch: 141443

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Trichloroethene	25.0	29.2		ug/L		117	70 - 130	3	20
Trichlorofluoromethane	25.0	22.3		ug/L		89	66 - 132	4	20
1,2,3-Trichloropropane	25.0	30.2		ug/L		121	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.5		ug/L		94	42 - 162	3	20
1,2,4-Trimethylbenzene	25.0	30.9		ug/L		123	70 - 132	2	20
1,3,5-Trimethylbenzene	25.0	31.4		ug/L		126	70 - 130	2	20
Vinyl acetate	25.0	37.1		ug/L		148	43 - 163	1	20
Vinyl chloride	25.0	27.9		ug/L		112	54 - 135	10	20
m-Xylene & p-Xylene	50.0	56.6		ug/L		113	70 - 142	3	20
o-Xylene	25.0	27.2		ug/L		109	70 - 130	3	20
2,2-Dichloropropane	25.0	30.2		ug/L		121	70 - 140	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	88		75 - 138
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: MB 720-141619/4

Matrix: Water

Analysis Batch: 141619

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/06/13 08:52	1
Acetone	ND		50		ug/L			08/06/13 08:52	1
Benzene	ND		0.50		ug/L			08/06/13 08:52	1
Dichlorobromomethane	ND		0.50		ug/L			08/06/13 08:52	1
Bromobenzene	ND		1.0		ug/L			08/06/13 08:52	1
Chlorobromomethane	ND		1.0		ug/L			08/06/13 08:52	1
Bromoform	ND		1.0		ug/L			08/06/13 08:52	1
Bromomethane	ND		1.0		ug/L			08/06/13 08:52	1
2-Butanone (MEK)	ND		50		ug/L			08/06/13 08:52	1
n-Butylbenzene	ND		1.0		ug/L			08/06/13 08:52	1
sec-Butylbenzene	ND		1.0		ug/L			08/06/13 08:52	1
tert-Butylbenzene	ND		1.0		ug/L			08/06/13 08:52	1
Carbon disulfide	ND		5.0		ug/L			08/06/13 08:52	1
Carbon tetrachloride	ND		0.50		ug/L			08/06/13 08:52	1
Chlorobenzene	ND		0.50		ug/L			08/06/13 08:52	1
Chloroethane	ND		1.0		ug/L			08/06/13 08:52	1
Chloroform	ND		1.0		ug/L			08/06/13 08:52	1
Chloromethane	ND		1.0		ug/L			08/06/13 08:52	1
2-Chlorotoluene	ND		0.50		ug/L			08/06/13 08:52	1
4-Chlorotoluene	ND		0.50		ug/L			08/06/13 08:52	1
Chlorodibromomethane	ND		0.50		ug/L			08/06/13 08:52	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/06/13 08:52	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/06/13 08:52	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/06/13 08:52	1
1,3-Dichloropropane	ND		1.0		ug/L			08/06/13 08:52	1

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-141619/4

Matrix: Water

Analysis Batch: 141619

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloropropene	ND		0.50		ug/L			08/06/13 08:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/06/13 08:52	1
Ethylene Dibromide	ND		0.50		ug/L			08/06/13 08:52	1
Dibromomethane	ND		0.50		ug/L			08/06/13 08:52	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/06/13 08:52	1
1,1-Dichloroethane	ND		0.50		ug/L			08/06/13 08:52	1
1,2-Dichloroethane	ND		0.50		ug/L			08/06/13 08:52	1
1,1-Dichloroethene	ND		0.50		ug/L			08/06/13 08:52	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/06/13 08:52	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/06/13 08:52	1
1,2-Dichloropropane	ND		0.50		ug/L			08/06/13 08:52	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/06/13 08:52	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/06/13 08:52	1
Ethylbenzene	ND		0.50		ug/L			08/06/13 08:52	1
Hexachlorobutadiene	ND		1.0		ug/L			08/06/13 08:52	1
2-Hexanone	ND		50		ug/L			08/06/13 08:52	1
Isopropylbenzene	ND		0.50		ug/L			08/06/13 08:52	1
4-Isopropyltoluene	ND		1.0		ug/L			08/06/13 08:52	1
Methylene Chloride	ND		5.0		ug/L			08/06/13 08:52	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/06/13 08:52	1
Naphthalene	ND		1.0		ug/L			08/06/13 08:52	1
N-Propylbenzene	ND		1.0		ug/L			08/06/13 08:52	1
Styrene	ND		0.50		ug/L			08/06/13 08:52	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/06/13 08:52	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/06/13 08:52	1
Tetrachloroethene	ND		0.50		ug/L			08/06/13 08:52	1
Toluene	ND		0.50		ug/L			08/06/13 08:52	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/06/13 08:52	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/06/13 08:52	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/06/13 08:52	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/06/13 08:52	1
Trichloroethene	ND		0.50		ug/L			08/06/13 08:52	1
Trichlorofluoromethane	ND		1.0		ug/L			08/06/13 08:52	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/06/13 08:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/06/13 08:52	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/06/13 08:52	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/06/13 08:52	1
Vinyl acetate	ND		10		ug/L			08/06/13 08:52	1
Vinyl chloride	ND		0.50		ug/L			08/06/13 08:52	1
Xylenes, Total	ND		1.0		ug/L			08/06/13 08:52	1
2,2-Dichloropropane	ND		0.50		ug/L			08/06/13 08:52	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/06/13 08:52	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	100		67 - 130		08/06/13 08:52	1
1,2-Dichloroethane-d4 (Surr)	78		75 - 138		08/06/13 08:52	1
Toluene-d8 (Surr)	95		70 - 130		08/06/13 08:52	1

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-51298-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141619/5

Matrix: Water

Analysis Batch: 141619

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	24.1		ug/L		96	62 - 130
Acetone	125	106		ug/L		85	26 - 180
Benzene	25.0	24.3		ug/L		97	79 - 130
Dichlorobromomethane	25.0	23.0		ug/L		92	70 - 130
Bromobenzene	25.0	25.9		ug/L		104	70 - 130
Chlorobromomethane	25.0	26.1		ug/L		104	70 - 130
Bromoform	25.0	26.6		ug/L		106	68 - 136
Bromomethane	25.0	23.4		ug/L		94	43 - 151
2-Butanone (MEK)	125	116		ug/L		93	54 - 130
n-Butylbenzene	25.0	25.4		ug/L		102	70 - 142
sec-Butylbenzene	25.0	25.9		ug/L		104	70 - 134
tert-Butylbenzene	25.0	25.8		ug/L		103	70 - 135
Carbon disulfide	25.0	19.6		ug/L		79	58 - 130
Carbon tetrachloride	25.0	20.7		ug/L		83	70 - 146
Chlorobenzene	25.0	26.8		ug/L		107	70 - 130
Chloroethane	25.0	24.1		ug/L		97	62 - 138
Chloroform	25.0	22.7		ug/L		91	70 - 130
Chloromethane	25.0	20.8		ug/L		83	52 - 175
2-Chlorotoluene	25.0	24.8		ug/L		99	70 - 130
4-Chlorotoluene	25.0	24.0		ug/L		96	70 - 130
Chlorodibromomethane	25.0	25.4		ug/L		101	70 - 145
1,2-Dichlorobenzene	25.0	27.0		ug/L		108	70 - 130
1,3-Dichlorobenzene	25.0	27.7		ug/L		111	70 - 130
1,4-Dichlorobenzene	25.0	27.3		ug/L		109	70 - 130
1,3-Dichloropropane	25.0	25.5		ug/L		102	70 - 130
1,1-Dichloropropene	25.0	24.2		ug/L		97	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	26.2		ug/L		105	70 - 136
Ethylene Dibromide	25.0	26.3		ug/L		105	70 - 130
Dibromomethane	25.0	23.9		ug/L		96	70 - 130
Dichlorodifluoromethane	25.0	23.9		ug/L		95	34 - 132
1,1-Dichloroethane	25.0	22.3		ug/L		89	70 - 130
1,2-Dichloroethane	25.0	20.6		ug/L		82	61 - 132
1,1-Dichloroethene	25.0	22.1		ug/L		89	64 - 128
cis-1,2-Dichloroethene	25.0	22.3		ug/L		89	70 - 130
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	68 - 130
1,2-Dichloropropane	25.0	25.3		ug/L		101	70 - 130
cis-1,3-Dichloropropene	25.0	26.3		ug/L		105	70 - 130
trans-1,3-Dichloropropene	25.0	24.4		ug/L		98	70 - 140
Ethylbenzene	25.0	24.4		ug/L		98	80 - 120
Hexachlorobutadiene	25.0	24.6		ug/L		98	70 - 130
2-Hexanone	125	94.2		ug/L		75	60 - 164
Isopropylbenzene	25.0	26.1		ug/L		105	70 - 130
4-Isopropyltoluene	25.0	26.0		ug/L		104	70 - 130
Methylene Chloride	25.0	23.6		ug/L		94	70 - 147
4-Methyl-2-pentanone (MIBK)	125	97.9		ug/L		78	58 - 130
Naphthalene	25.0	27.7		ug/L		111	70 - 130
N-Propylbenzene	25.0	25.5		ug/L		102	70 - 130
Styrene	25.0	28.1		ug/L		112	70 - 130

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-51298-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141619/5

Matrix: Water

Analysis Batch: 141619

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	25.4		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	25.0	26.6		ug/L		107	70 - 130
Tetrachloroethane	25.0	25.4		ug/L		102	70 - 130
Toluene	25.0	25.5		ug/L		102	78 - 120
1,2,3-Trichlorobenzene	25.0	26.7		ug/L		107	70 - 130
1,2,4-Trichlorobenzene	25.0	27.4		ug/L		110	70 - 130
1,1,1-Trichloroethane	25.0	20.7		ug/L		83	70 - 130
1,1,2-Trichloroethane	25.0	27.3		ug/L		109	70 - 130
Trichloroethane	25.0	26.3		ug/L		105	70 - 130
Trichlorofluoromethane	25.0	20.9		ug/L		84	66 - 132
1,2,3-Trichloropropane	25.0	24.3		ug/L		97	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.3		ug/L		93	42 - 162
1,2,4-Trimethylbenzene	25.0	25.9		ug/L		104	70 - 132
1,3,5-Trimethylbenzene	25.0	25.8		ug/L		103	70 - 130
Vinyl acetate	25.0	23.9		ug/L		95	43 - 163
Vinyl chloride	25.0	23.3		ug/L		93	54 - 135
m-Xylene & p-Xylene	50.0	48.7		ug/L		97	70 - 142
o-Xylene	25.0	25.0		ug/L		100	70 - 130
2,2-Dichloropropane	25.0	22.1		ug/L		88	70 - 140

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

Lab Sample ID: LCS 720-141619/7

Matrix: Water

Analysis Batch: 141619

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	417		ug/L		83	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	74	X	75 - 138
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: LCSD 720-141619/6

Matrix: Water

Analysis Batch: 141619

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Methyl tert-butyl ether	25.0	24.5		ug/L		98	62 - 130	2	20
Acetone	125	104		ug/L		83	26 - 180	2	30
Benzene	25.0	24.0		ug/L		96	79 - 130	1	20
Dichlorobromomethane	25.0	22.7		ug/L		91	70 - 130	1	20

TestAmerica Pleasanton



# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141619/6

Matrix: Water

Analysis Batch: 141619

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
Bromobenzene	25.0	27.1		ug/L		109	70 - 130	5	20
Chlorobromomethane	25.0	26.4		ug/L		106	70 - 130	1	20
Bromoform	25.0	26.8		ug/L		107	68 - 136	1	20
Bromomethane	25.0	23.1		ug/L		93	43 - 151	1	20
2-Butanone (MEK)	125	127		ug/L		102	54 - 130	9	20
n-Butylbenzene	25.0	25.6		ug/L		102	70 - 142	0	20
sec-Butylbenzene	25.0	26.6		ug/L		106	70 - 134	2	20
tert-Butylbenzene	25.0	26.5		ug/L		106	70 - 135	3	20
Carbon disulfide	25.0	20.0		ug/L		80	58 - 130	2	20
Carbon tetrachloride	25.0	20.6		ug/L		83	70 - 146	0	20
Chlorobenzene	25.0	26.5		ug/L		106	70 - 130	1	20
Chloroethane	25.0	23.5		ug/L		94	62 - 138	3	20
Chloroform	25.0	22.6		ug/L		90	70 - 130	0	20
Chloromethane	25.0	20.0		ug/L		80	52 - 175	4	20
2-Chlorotoluene	25.0	25.7		ug/L		103	70 - 130	3	20
4-Chlorotoluene	25.0	24.8		ug/L		99	70 - 130	3	20
Chlorodibromomethane	25.0	25.2		ug/L		101	70 - 145	1	20
1,2-Dichlorobenzene	25.0	28.1		ug/L		112	70 - 130	4	20
1,3-Dichlorobenzene	25.0	28.2		ug/L		113	70 - 130	2	20
1,4-Dichlorobenzene	25.0	27.6		ug/L		111	70 - 130	1	20
1,3-Dichloropropane	25.0	25.4		ug/L		101	70 - 130	0	20
1,1-Dichloropropane	25.0	24.1		ug/L		96	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	27.8		ug/L		111	70 - 136	6	20
Ethylene Dibromide	25.0	26.7		ug/L		107	70 - 130	2	20
Dibromomethane	25.0	24.7		ug/L		99	70 - 130	3	20
Dichlorodifluoromethane	25.0	22.9		ug/L		92	34 - 132	4	20
1,1-Dichloroethane	25.0	22.2		ug/L		89	70 - 130	0	20
1,2-Dichloroethane	25.0	20.9		ug/L		84	61 - 132	2	20
1,1-Dichloroethene	25.0	22.3		ug/L		89	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	22.1		ug/L		88	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	24.3		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	26.4		ug/L		106	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	70 - 140	3	20
Ethylbenzene	25.0	24.1		ug/L		96	80 - 120	1	20
Hexachlorobutadiene	25.0	24.2		ug/L		97	70 - 130	2	20
2-Hexanone	125	97.1		ug/L		78	60 - 164	3	20
Isopropylbenzene	25.0	25.5		ug/L		102	70 - 130	3	20
4-Isopropyltoluene	25.0	26.1		ug/L		105	70 - 130	1	20
Methylene Chloride	25.0	23.4		ug/L		94	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	101		ug/L		81	58 - 130	3	20
Naphthalene	25.0	28.7		ug/L		115	70 - 130	4	20
N-Propylbenzene	25.0	26.5		ug/L		106	70 - 130	4	20
Styrene	25.0	27.9		ug/L		112	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	25.3		ug/L		101	70 - 130	0	20
1,1,2,2-Tetrachloroethane	25.0	28.9		ug/L		115	70 - 130	8	20
Tetrachloroethene	25.0	25.0		ug/L		100	70 - 130	2	20
Toluene	25.0	25.3		ug/L		101	78 - 120	1	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51298-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141619/6

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141619

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	25.0	27.4		ug/L		110	70 - 130	3	20
1,2,4-Trichlorobenzene	25.0	27.8		ug/L		111	70 - 130	1	20
1,1,1-Trichloroethane	25.0	20.7		ug/L		83	70 - 130	0	20
1,1,2-Trichloroethane	25.0	27.3		ug/L		109	70 - 130	0	20
Trichloroethene	25.0	25.9		ug/L		103	70 - 130	2	20
Trichlorofluoromethane	25.0	20.5		ug/L		82	66 - 132	2	20
1,2,3-Trichloropropane	25.0	25.9		ug/L		104	70 - 130	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.2		ug/L		93	42 - 162	0	20
1,2,4-Trimethylbenzene	25.0	26.2		ug/L		105	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	26.5		ug/L		106	70 - 130	2	20
Vinyl acetate	25.0	24.6		ug/L		98	43 - 163	3	20
Vinyl chloride	25.0	22.7		ug/L		91	54 - 135	3	20
m-Xylene & p-Xylene	50.0	48.4		ug/L		97	70 - 142	0	20
o-Xylene	25.0	24.8		ug/L		99	70 - 130	1	20
2,2-Dichloropropane	25.0	23.3		ug/L		93	70 - 140	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	79		75 - 138
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 720-141619/8

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141619

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	500	429		ug/L		86	62 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	78		75 - 138
Toluene-d8 (Surr)	97		70 - 130

## QC Association Summary

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

TestAmerica Job ID: 720-51298-1

### GC/MS VOA

#### Analysis Batch: 141297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51298-3	MP-03-1	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-3 MS	MP-03-1	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-3 MSD	MP-03-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141297/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141297/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141297/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141297/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-141297/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

#### Analysis Batch: 141332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51298-1	MP-03-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141332/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141332/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141332/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141332/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-141332/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

#### Analysis Batch: 141443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51298-2	TB073013	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-4	MP-03-3	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-5	MW-03	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-6	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-7	MP-04-2	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-8	MW-01	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-9	MW-100	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-10	MP-02-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141443/12	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141443/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141443/13	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	

TestAmerica Pleasanton

## QC Association Summary

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

TestAmerica Job ID: 720-51298-1

### GC/MS VOA (Continued)

#### Analysis Batch: 141443 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-141443/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-141443/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

#### Analysis Batch: 141619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51298-8	MW-01	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-9	MW-100	Total/NA	Water	8260B/CA_LUFT MS	
720-51298-10	MP-02-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141619/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141619/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141619/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141619/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-141619/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

## Lab Chronicle

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

TestAmerica Job ID: 720-51298-1

**Client Sample ID: MP-03-2**

**Lab Sample ID: 720-51298-1**

Date Collected: 07/30/13 08:00

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141332	08/01/13 21:03	YYB	TAL PLS

**Client Sample ID: TB073013**

**Lab Sample ID: 720-51298-2**

Date Collected: 07/30/13 08:10

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141443	08/02/13 16:13	YYB	TAL PLS

**Client Sample ID: MP-03-1**

**Lab Sample ID: 720-51298-3**

Date Collected: 07/30/13 08:35

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141297	08/01/13 03:58	LPL	TAL PLS

**Client Sample ID: MP-03-3**

**Lab Sample ID: 720-51298-4**

Date Collected: 07/30/13 09:15

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141443	08/02/13 16:44	YYB	TAL PLS

**Client Sample ID: MW-03**

**Lab Sample ID: 720-51298-5**

Date Collected: 07/30/13 10:05

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141443	08/02/13 17:15	YYB	TAL PLS

**Client Sample ID: MP-04-3**

**Lab Sample ID: 720-51298-6**

Date Collected: 07/30/13 11:15

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141443	08/02/13 17:45	YYB	TAL PLS

TestAmerica Pleasanton

## Lab Chronicle

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

TestAmerica Job ID: 720-51298-1

**Client Sample ID: MP-04-2**

**Lab Sample ID: 720-51298-7**

Date Collected: 07/30/13 11:40

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141443	08/02/13 18:16	YYB	TAL PLS

**Client Sample ID: MW-01**

**Lab Sample ID: 720-51298-8**

Date Collected: 07/30/13 13:30

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141443	08/02/13 18:46	YYB	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		5	141619	08/06/13 13:01	PDR	TAL PLS

**Client Sample ID: MW-100**

**Lab Sample ID: 720-51298-9**

Date Collected: 07/30/13 13:50

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141443	08/02/13 19:17	YYB	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		5	141619	08/06/13 13:28	PDR	TAL PLS

**Client Sample ID: MP-02-2**

**Lab Sample ID: 720-51298-10**

Date Collected: 07/30/13 16:15

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141443	08/02/13 19:48	YYB	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	141619	08/06/13 13:56	PDR	TAL PLS

**Laboratory References:**

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



# Certification Summary

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

TestAmerica Job ID: 720-51298-1

## 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: 720-51298-1

---

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTM S	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: 720-51298-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-51298-1	MP-03-2	Water	07/30/13 08:00	07/30/13 17:53
720-51298-2	TB073013	Water	07/30/13 08:10	07/30/13 17:53
720-51298-3	MP-03-1	Water	07/30/13 08:35	07/30/13 17:53
720-51298-4	MP-03-3	Water	07/30/13 09:15	07/30/13 17:53
720-51298-5	MW-03	Water	07/30/13 10:05	07/30/13 17:53
720-51298-6	MP-04-3	Water	07/30/13 11:15	07/30/13 17:53
720-51298-7	MP-04-2	Water	07/30/13 11:40	07/30/13 17:53
720-51298-8	MW-01	Water	07/30/13 13:30	07/30/13 17:53
720-51298-9	MW-100	Water	07/30/13 13:50	07/30/13 17:53
720-51298-10	MP-02-2	Water	07/30/13 16:15	07/30/13 17:53

Seq. 2389

1330 Broadway  
Suite 1702  
Oakland, CA 94612  
(510) 451-1001

# CHAIN OF CUSTODY FORM



Lab: Test America

Samplers: H. Young / D. Pearson

## 720-51298

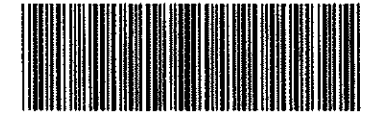
Job Number: OD101160070.00008

147582

Name/Location: Crown Chevrolet, Dublin CA

Project Manager: Avery Patton Recorder: H. Young  
(Signature Required)

### ANALYSIS REQUESTED



720-51298 Chain of Custody

Page 05 of 05

MATRIX	# CONTAINERS	DATE	STATION DESCRIPTION	DEPTH						
					Water	Soil	Air	Unpres H2SO4	HNO3	HCL
X					MP-03-2	13	07	30	08	00
X					TB073013	13	07	30	08	10
X					MP-03-1	13	07	30	08	35
X					MP-03-3	13	07	30	09	15
X					MW-03	13	07	30	10	05
X					MP-04-3	13	07	30	11	15
X					MP-04-2	13	07	30	11	40
X					MW-01	13	07	30	13	30
X					MW-100	13	07	30	13	50
X					MP-02-2	13	07	30	16	15

8260B +TPH9  
8270  
TITLE 22 METALS  
(ms/msd)

### ADDITIONAL INFORMATION

REPORT TO: Haley.Young@amec.com and Avery.Patton@amec.com

PO#: C012202707

TAT: Standard

Comments: Field Filtered Y/N

Please run ms/msd on Sample mp-03-1

### CHAIN OF CUSTODY RECORD

Relinquished By (Signature) Haley Young (Print Name) AmeC (Company) 7/30/13 1753 (Date/Time)

Received By (Signature) Justin Gonzalez (Print Name) TAP (Company) 7/30/13 1750 (Date/Time)

Relinquished By (Signature) (Print Name) (Company) (Date/Time)

Received By (Signature) (Print Name) (Company) (Date/Time)

Relinquished By (Signature) (Print Name) (Company) (Date/Time)

Received By (Signature) (Print Name) (Company) (Date/Time)

Method of Shipment:

2.4°C

Pa 1 of 1

11/07/09

## Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-51298-1

Login Number: 51298

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

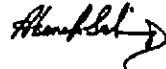
## ANALYTICAL REPORT

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

TestAmerica Job ID: 720-51300-1  
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:  
8/6/2013 4:37:34 PM

Afsaneh Salimpour, Project Manager I  
afsaneh.salimpour@testamericainc.com

### LINKS

Review your project  
results through  
**Total Access**

Have a Question?

 **Ask  
The  
Expert**

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

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

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



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	6
QC Sample Results . . . . .	17
QC Association Summary . . . . .	31
Lab Chronicle . . . . .	32
Certification Summary . . . . .	34
Method Summary . . . . .	35
Sample Summary . . . . .	36
Chain of Custody . . . . .	37
Receipt Checklists . . . . .	38

## Definitions/Glossary

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

TestAmerica Job ID: 720-51300-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

### Glossary

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

## Case Narrative

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

TestAmerica Job ID: 720-51300-1

---

**Job ID: 720-51300-1**

---

**Laboratory: TestAmerica Pleasanton**

---

**Narrative**

---

**Job Narrative**  
**720-51300-1**

**Comments**

No additional comments.

**Receipt**

The samples were received on 7/30/2013 5:53 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

**GC/MS VOA**

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 51300-3 is due to the presence of discrete peaks. <<PCE>>

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 141443 recovered outside control limits for the following analyte: 1,3-dichloropropane. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

## Detection Summary

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

TestAmerica Job ID: 720-51300-1

### Client Sample ID: MW-02

Lab Sample ID: 720-51300-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	19		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	21		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

### Client Sample ID: MP-02-1

Lab Sample ID: 720-51300-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.8		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
trans-1,2-Dichloroethene	0.65		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	3.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	55		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

### Client Sample ID: MP-01-1

Lab Sample ID: 720-51300-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	150		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.8		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	140	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

### Client Sample ID: MP-01-2

Lab Sample ID: 720-51300-4

No Detections.

### Client Sample ID: MP-02-3

Lab Sample ID: 720-51300-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	77		50		ug/L	1		8260B/CA_LUFT MS	Total/NA

### Client Sample ID: MP-01-3

Lab Sample ID: 720-51300-6

No Detections.

### Client Sample ID: MP-04-1

Lab Sample ID: 720-51300-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	240		50		ug/L	1		8260B/CA_LUFT MS	Total/NA
cis-1,2-Dichloroethene	0.76		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	24		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	13		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MW-02

Lab Sample ID: 720-51300-1

Date Collected: 07/30/13 08:15

Matrix: Water

Date Received: 07/30/13 17:53

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 20:19	1
Acetone	ND		50		ug/L			08/02/13 20:19	1
Benzene	ND		0.50		ug/L			08/02/13 20:19	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 20:19	1
Bromobenzene	ND		1.0		ug/L			08/02/13 20:19	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 20:19	1
Bromoform	ND		1.0		ug/L			08/02/13 20:19	1
Bromomethane	ND		1.0		ug/L			08/02/13 20:19	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 20:19	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 20:19	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 20:19	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 20:19	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 20:19	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 20:19	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 20:19	1
Chloroethane	ND		1.0		ug/L			08/02/13 20:19	1
Chloroform	ND		1.0		ug/L			08/02/13 20:19	1
Chloromethane	ND		1.0		ug/L			08/02/13 20:19	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 20:19	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 20:19	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 20:19	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 20:19	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 20:19	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 20:19	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 20:19	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 20:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 20:19	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 20:19	1
Dibromomethane	ND		0.50		ug/L			08/02/13 20:19	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 20:19	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 20:19	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 20:19	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 20:19	1
cis-1,2-Dichloroethene	1.8		0.50		ug/L			08/02/13 20:19	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 20:19	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 20:19	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 20:19	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 20:19	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 20:19	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 20:19	1
2-Hexanone	ND		50		ug/L			08/02/13 20:19	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 20:19	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 20:19	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 20:19	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 20:19	1
Naphthalene	ND		1.0		ug/L			08/02/13 20:19	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 20:19	1
Styrene	ND		0.50		ug/L			08/02/13 20:19	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 20:19	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MW-02  
Date Collected: 07/30/13 08:15  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-1  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 20:19	1
Tetrachloroethene	19		0.50		ug/L			08/02/13 20:19	1
Toluene	ND		0.50		ug/L			08/02/13 20:19	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 20:19	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 20:19	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 20:19	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 20:19	1
Trichloroethene	21		0.50		ug/L			08/02/13 20:19	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 20:19	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 20:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 20:19	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 20:19	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 20:19	1
Vinyl acetate	ND		10		ug/L			08/02/13 20:19	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 20:19	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 20:19	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 20:19	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 20:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130					08/02/13 20:19	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 138					08/02/13 20:19	1
Toluene-d8 (Surr)	92		70 - 130					08/02/13 20:19	1

Client Sample ID: MP-02-1  
Date Collected: 07/30/13 09:20  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-2  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 20:49	1
Acetone	ND		50		ug/L			08/02/13 20:49	1
Benzene	ND		0.50		ug/L			08/02/13 20:49	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 20:49	1
Bromobenzene	ND		1.0		ug/L			08/02/13 20:49	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 20:49	1
Bromoform	ND		1.0		ug/L			08/02/13 20:49	1
Bromomethane	ND		1.0		ug/L			08/02/13 20:49	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 20:49	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 20:49	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 20:49	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 20:49	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 20:49	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 20:49	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 20:49	1
Chloroethane	ND		1.0		ug/L			08/02/13 20:49	1
Chloroform	ND		1.0		ug/L			08/02/13 20:49	1
Chloromethane	ND		1.0		ug/L			08/02/13 20:49	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 20:49	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 20:49	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 20:49	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)**

Client Sample ID: MP-02-1  
 Date Collected: 07/30/13 09:20  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-2  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 20:49	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 20:49	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 20:49	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 20:49	1
1,1-Dichloropropane	ND		0.50		ug/L			08/02/13 20:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 20:49	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 20:49	1
Dibromomethane	ND		0.50		ug/L			08/02/13 20:49	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 20:49	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 20:49	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 20:49	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 20:49	1
cis-1,2-Dichloroethene	4.8		0.50		ug/L			08/02/13 20:49	1
trans-1,2-Dichloroethene	0.65		0.50		ug/L			08/02/13 20:49	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 20:49	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 20:49	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 20:49	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 20:49	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 20:49	1
2-Hexanone	ND		50		ug/L			08/02/13 20:49	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 20:49	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 20:49	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 20:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 20:49	1
Naphthalene	ND		1.0		ug/L			08/02/13 20:49	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 20:49	1
Styrene	ND		0.50		ug/L			08/02/13 20:49	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 20:49	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 20:49	1
Tetrachloroethene	3.0		0.50		ug/L			08/02/13 20:49	1
Toluene	ND		0.50		ug/L			08/02/13 20:49	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 20:49	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 20:49	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 20:49	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 20:49	1
Trichloroethene	55		0.50		ug/L			08/02/13 20:49	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 20:49	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 20:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 20:49	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 20:49	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 20:49	1
Vinyl acetate	ND		10		ug/L			08/02/13 20:49	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 20:49	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 20:49	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 20:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130		08/02/13 20:49	1

TestAmerica Pleasanton



# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-02-1  
 Date Collected: 07/30/13 09:20  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-2  
 Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 138		08/02/13 20:49	1
Toluene-d8 (Surr)	93		70 - 130		08/02/13 20:49	1

Client Sample ID: MP-01-1  
 Date Collected: 07/30/13 12:30  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-3  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/03/13 00:10	1
Acetone	ND		50		ug/L			08/03/13 00:10	1
Benzene	ND		0.50		ug/L			08/03/13 00:10	1
Dichlorobromomethane	ND		0.50		ug/L			08/03/13 00:10	1
Bromobenzene	ND		1.0		ug/L			08/03/13 00:10	1
Chlorobromomethane	ND		1.0		ug/L			08/03/13 00:10	1
Bromoform	ND		1.0		ug/L			08/03/13 00:10	1
Bromomethane	ND		1.0		ug/L			08/03/13 00:10	1
2-Butanone (MEK)	ND		50		ug/L			08/03/13 00:10	1
n-Butylbenzene	ND		1.0		ug/L			08/03/13 00:10	1
sec-Butylbenzene	ND		1.0		ug/L			08/03/13 00:10	1
tert-Butylbenzene	ND		1.0		ug/L			08/03/13 00:10	1
Carbon disulfide	ND		5.0		ug/L			08/03/13 00:10	1
Carbon tetrachloride	ND		0.50		ug/L			08/03/13 00:10	1
Chlorobenzene	ND		0.50		ug/L			08/03/13 00:10	1
Chloroethane	ND		1.0		ug/L			08/03/13 00:10	1
Chloroform	ND		1.0		ug/L			08/03/13 00:10	1
Chloromethane	ND		1.0		ug/L			08/03/13 00:10	1
2-Chlorotoluene	ND		0.50		ug/L			08/03/13 00:10	1
4-Chlorotoluene	ND		0.50		ug/L			08/03/13 00:10	1
Chlorodibromomethane	ND		0.50		ug/L			08/03/13 00:10	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/03/13 00:10	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/03/13 00:10	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/03/13 00:10	1
1,3-Dichloropropane	ND		1.0		ug/L			08/03/13 00:10	1
1,1-Dichloropropene	ND		0.50		ug/L			08/03/13 00:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/03/13 00:10	1
Ethylene Dibromide	ND		0.50		ug/L			08/03/13 00:10	1
Dibromomethane	ND		0.50		ug/L			08/03/13 00:10	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/03/13 00:10	1
1,1-Dichloroethane	ND		0.50		ug/L			08/03/13 00:10	1
1,2-Dichloroethane	ND		0.50		ug/L			08/03/13 00:10	1
1,1-Dichloroethene	ND		0.50		ug/L			08/03/13 00:10	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/03/13 00:10	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/03/13 00:10	1
1,2-Dichloropropane	ND		0.50		ug/L			08/03/13 00:10	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/03/13 00:10	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/03/13 00:10	1
Ethylbenzene	ND		0.50		ug/L			08/03/13 00:10	1
Hexachlorobutadiene	ND		1.0		ug/L			08/03/13 00:10	1
2-Hexanone	ND		50		ug/L			08/03/13 00:10	1
Isopropylbenzene	ND		0.50		ug/L			08/03/13 00:10	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-1  
 Date Collected: 07/30/13 12:30  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-3  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			08/03/13 00:10	1
Methylene Chloride	ND		5.0		ug/L			08/03/13 00:10	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/03/13 00:10	1
Naphthalene	ND		1.0		ug/L			08/03/13 00:10	1
N-Propylbenzene	ND		1.0		ug/L			08/03/13 00:10	1
Styrene	ND		0.50		ug/L			08/03/13 00:10	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/03/13 00:10	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/03/13 00:10	1
Tetrachloroethene	150		0.50		ug/L			08/03/13 00:10	1
Toluene	ND		0.50		ug/L			08/03/13 00:10	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/03/13 00:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/03/13 00:10	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/03/13 00:10	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/03/13 00:10	1
Trichloroethene	1.8		0.50		ug/L			08/03/13 00:10	1
Trichlorofluoromethane	ND		1.0		ug/L			08/03/13 00:10	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/03/13 00:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/03/13 00:10	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/03/13 00:10	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/03/13 00:10	1
Vinyl acetate	ND		10		ug/L			08/03/13 00:10	1
Vinyl chloride	ND		0.50		ug/L			08/03/13 00:10	1
Xylenes, Total	ND		1.0		ug/L			08/03/13 00:10	1
2,2-Dichloropropane	ND		0.50		ug/L			08/03/13 00:10	1
Gasoline Range Organics (GRO) -C5-C12	140	R	50		ug/L			08/03/13 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130		08/03/13 00:10	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 138		08/03/13 00:10	1
Toluene-d8 (Surr)	99		70 - 130		08/03/13 00:10	1

Client Sample ID: MP-01-2  
 Date Collected: 07/30/13 13:50  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-4  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/03/13 00:38	1
Acetone	ND		50		ug/L			08/03/13 00:38	1
Benzene	ND		0.50		ug/L			08/03/13 00:38	1
Dichlorobromomethane	ND		0.50		ug/L			08/03/13 00:38	1
Bromobenzene	ND		1.0		ug/L			08/03/13 00:38	1
Chlorobromomethane	ND		1.0		ug/L			08/03/13 00:38	1
Bromoform	ND		1.0		ug/L			08/03/13 00:38	1
Bromomethane	ND		1.0		ug/L			08/03/13 00:38	1
2-Butanone (MEK)	ND		50		ug/L			08/03/13 00:38	1
n-Butylbenzene	ND		1.0		ug/L			08/03/13 00:38	1
sec-Butylbenzene	ND		1.0		ug/L			08/03/13 00:38	1
tert-Butylbenzene	ND		1.0		ug/L			08/03/13 00:38	1
Carbon disulfide	ND		5.0		ug/L			08/03/13 00:38	1
Carbon tetrachloride	ND		0.50		ug/L			08/03/13 00:38	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

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

Client Sample ID: MP-01-2  
 Date Collected: 07/30/13 13:50  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-4  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			08/03/13 00:38	1
Chloroethane	ND		1.0		ug/L			08/03/13 00:38	1
Chloroform	ND		1.0		ug/L			08/03/13 00:38	1
Chloromethane	ND		1.0		ug/L			08/03/13 00:38	1
2-Chlorotoluene	ND		0.50		ug/L			08/03/13 00:38	1
4-Chlorotoluene	ND		0.50		ug/L			08/03/13 00:38	1
Chlorodibromomethane	ND		0.50		ug/L			08/03/13 00:38	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/03/13 00:38	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/03/13 00:38	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/03/13 00:38	1
1,3-Dichloropropane	ND		1.0		ug/L			08/03/13 00:38	1
1,1-Dichloropropene	ND		0.50		ug/L			08/03/13 00:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/03/13 00:38	1
Ethylene Dibromide	ND		0.50		ug/L			08/03/13 00:38	1
Dibromomethane	ND		0.50		ug/L			08/03/13 00:38	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/03/13 00:38	1
1,1-Dichloroethane	ND		0.50		ug/L			08/03/13 00:38	1
1,2-Dichloroethane	ND		0.50		ug/L			08/03/13 00:38	1
1,1-Dichloroethene	ND		0.50		ug/L			08/03/13 00:38	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/03/13 00:38	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/03/13 00:38	1
1,2-Dichloropropane	ND		0.50		ug/L			08/03/13 00:38	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/03/13 00:38	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/03/13 00:38	1
Ethylbenzene	ND		0.50		ug/L			08/03/13 00:38	1
Hexachlorobutadiene	ND		1.0		ug/L			08/03/13 00:38	1
2-Hexanone	ND		50		ug/L			08/03/13 00:38	1
Isopropylbenzene	ND		0.50		ug/L			08/03/13 00:38	1
4-Isopropyltoluene	ND		1.0		ug/L			08/03/13 00:38	1
Methylene Chloride	ND		5.0		ug/L			08/03/13 00:38	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/03/13 00:38	1
Naphthalene	ND		1.0		ug/L			08/03/13 00:38	1
N-Propylbenzene	ND		1.0		ug/L			08/03/13 00:38	1
Styrene	ND		0.50		ug/L			08/03/13 00:38	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/03/13 00:38	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/03/13 00:38	1
Tetrachloroethene	ND		0.50		ug/L			08/03/13 00:38	1
Toluene	ND		0.50		ug/L			08/03/13 00:38	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/03/13 00:38	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/03/13 00:38	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/03/13 00:38	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/03/13 00:38	1
Trichloroethene	ND		0.50		ug/L			08/03/13 00:38	1
Trichlorofluoromethane	ND		1.0		ug/L			08/03/13 00:38	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/03/13 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/03/13 00:38	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/03/13 00:38	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/03/13 00:38	1
Vinyl acetate	ND		10		ug/L			08/03/13 00:38	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-2  
Date Collected: 07/30/13 13:50  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-4  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			08/03/13 00:38	1
Xylenes, Total	ND		1.0		ug/L			08/03/13 00:38	1
2,2-Dichloropropane	ND		0.50		ug/L			08/03/13 00:38	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/03/13 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130					08/03/13 00:38	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 138					08/03/13 00:38	1
Toluene-d8 (Surr)	98		70 - 130					08/03/13 00:38	1

Client Sample ID: MP-02-3  
Date Collected: 07/30/13 14:50  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-5  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/03/13 01:05	1
Acetone	77		50		ug/L			08/03/13 01:05	1
Benzene	ND		0.50		ug/L			08/03/13 01:05	1
Dichlorobromomethane	ND		0.50		ug/L			08/03/13 01:05	1
Bromobenzene	ND		1.0		ug/L			08/03/13 01:05	1
Chlorobromomethane	ND		1.0		ug/L			08/03/13 01:05	1
Bromoform	ND		1.0		ug/L			08/03/13 01:05	1
Bromomethane	ND		1.0		ug/L			08/03/13 01:05	1
2-Butanone (MEK)	ND		50		ug/L			08/03/13 01:05	1
n-Butylbenzene	ND		1.0		ug/L			08/03/13 01:05	1
sec-Butylbenzene	ND		1.0		ug/L			08/03/13 01:05	1
tert-Butylbenzene	ND		1.0		ug/L			08/03/13 01:05	1
Carbon disulfide	ND		5.0		ug/L			08/03/13 01:05	1
Carbon tetrachloride	ND		0.50		ug/L			08/03/13 01:05	1
Chlorobenzene	ND		0.50		ug/L			08/03/13 01:05	1
Chloroethane	ND		1.0		ug/L			08/03/13 01:05	1
Chloroform	ND		1.0		ug/L			08/03/13 01:05	1
Chloromethane	ND		1.0		ug/L			08/03/13 01:05	1
2-Chlorotoluene	ND		0.50		ug/L			08/03/13 01:05	1
4-Chlorotoluene	ND		0.50		ug/L			08/03/13 01:05	1
Chlorodibromomethane	ND		0.50		ug/L			08/03/13 01:05	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/03/13 01:05	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/03/13 01:05	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/03/13 01:05	1
1,3-Dichloropropane	ND		1.0		ug/L			08/03/13 01:05	1
1,1-Dichloropropene	ND		0.50		ug/L			08/03/13 01:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/03/13 01:05	1
Ethylene Dibromide	ND		0.50		ug/L			08/03/13 01:05	1
Dibromomethane	ND		0.50		ug/L			08/03/13 01:05	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/03/13 01:05	1
1,1-Dichloroethane	ND		0.50		ug/L			08/03/13 01:05	1
1,2-Dichloroethane	ND		0.50		ug/L			08/03/13 01:05	1
1,1-Dichloroethene	ND		0.50		ug/L			08/03/13 01:05	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/03/13 01:05	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/03/13 01:05	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-02-3  
 Date Collected: 07/30/13 14:50  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-5  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			08/03/13 01:05	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/03/13 01:05	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/03/13 01:05	1
Ethylbenzene	ND		0.50		ug/L			08/03/13 01:05	1
Hexachlorobutadiene	ND		1.0		ug/L			08/03/13 01:05	1
2-Hexanone	ND		50		ug/L			08/03/13 01:05	1
Isopropylbenzene	ND		0.50		ug/L			08/03/13 01:05	1
4-Isopropyltoluene	ND		1.0		ug/L			08/03/13 01:05	1
Methylene Chloride	ND		5.0		ug/L			08/03/13 01:05	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/03/13 01:05	1
Naphthalene	ND		1.0		ug/L			08/03/13 01:05	1
N-Propylbenzene	ND		1.0		ug/L			08/03/13 01:05	1
Styrene	ND		0.50		ug/L			08/03/13 01:05	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/03/13 01:05	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/03/13 01:05	1
Tetrachloroethene	ND		0.50		ug/L			08/03/13 01:05	1
Toluene	ND		0.50		ug/L			08/03/13 01:05	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/03/13 01:05	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/03/13 01:05	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/03/13 01:05	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/03/13 01:05	1
Trichloroethene	ND		0.50		ug/L			08/03/13 01:05	1
Trichlorofluoromethane	ND		1.0		ug/L			08/03/13 01:05	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/03/13 01:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/03/13 01:05	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/03/13 01:05	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/03/13 01:05	1
Vinyl acetate	ND		10		ug/L			08/03/13 01:05	1
Vinyl chloride	ND		0.50		ug/L			08/03/13 01:05	1
Xylenes, Total	ND		1.0		ug/L			08/03/13 01:05	1
2,2-Dichloropropane	ND		0.50		ug/L			08/03/13 01:05	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/03/13 01:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130		08/03/13 01:05	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 138		08/03/13 01:05	1
Toluene-d8 (Surr)	98		70 - 130		08/03/13 01:05	1

Client Sample ID: MP-01-3  
 Date Collected: 07/30/13 14:50  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-6  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/03/13 01:33	1
Acetone	ND		50		ug/L			08/03/13 01:33	1
Benzene	ND		0.50		ug/L			08/03/13 01:33	1
Dichlorobromomethane	ND		0.50		ug/L			08/03/13 01:33	1
Bromobenzene	ND		1.0		ug/L			08/03/13 01:33	1
Chlorobromomethane	ND		1.0		ug/L			08/03/13 01:33	1
Bromofom	ND		1.0		ug/L			08/03/13 01:33	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

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

Client Sample ID: MP-01-3  
 Date Collected: 07/30/13 14:50  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-6  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			08/03/13 01:33	1
2-Butanone (MEK)	ND		50		ug/L			08/03/13 01:33	1
n-Butylbenzene	ND		1.0		ug/L			08/03/13 01:33	1
sec-Butylbenzene	ND		1.0		ug/L			08/03/13 01:33	1
tert-Butylbenzene	ND		1.0		ug/L			08/03/13 01:33	1
Carbon disulfide	ND		5.0		ug/L			08/03/13 01:33	1
Carbon tetrachloride	ND		0.50		ug/L			08/03/13 01:33	1
Chlorobenzene	ND		0.50		ug/L			08/03/13 01:33	1
Chloroethane	ND		1.0		ug/L			08/03/13 01:33	1
Chloroform	ND		1.0		ug/L			08/03/13 01:33	1
Chloromethane	ND		1.0		ug/L			08/03/13 01:33	1
2-Chlorotoluene	ND		0.50		ug/L			08/03/13 01:33	1
4-Chlorotoluene	ND		0.50		ug/L			08/03/13 01:33	1
Chlorodibromomethane	ND		0.50		ug/L			08/03/13 01:33	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/03/13 01:33	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/03/13 01:33	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/03/13 01:33	1
1,3-Dichloropropane	ND		1.0		ug/L			08/03/13 01:33	1
1,1-Dichloropropene	ND		0.50		ug/L			08/03/13 01:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/03/13 01:33	1
Ethylene Dibromide	ND		0.50		ug/L			08/03/13 01:33	1
Dibromomethane	ND		0.50		ug/L			08/03/13 01:33	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/03/13 01:33	1
1,1-Dichloroethane	ND		0.50		ug/L			08/03/13 01:33	1
1,2-Dichloroethane	ND		0.50		ug/L			08/03/13 01:33	1
1,1-Dichloroethene	ND		0.50		ug/L			08/03/13 01:33	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/03/13 01:33	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/03/13 01:33	1
1,2-Dichloropropane	ND		0.50		ug/L			08/03/13 01:33	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/03/13 01:33	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/03/13 01:33	1
Ethylbenzene	ND		0.50		ug/L			08/03/13 01:33	1
Hexachlorobutadiene	ND		1.0		ug/L			08/03/13 01:33	1
2-Hexanone	ND		50		ug/L			08/03/13 01:33	1
Isopropylbenzene	ND		0.50		ug/L			08/03/13 01:33	1
4-Isopropyltoluene	ND		1.0		ug/L			08/03/13 01:33	1
Methylene Chloride	ND		5.0		ug/L			08/03/13 01:33	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/03/13 01:33	1
Naphthalene	ND		1.0		ug/L			08/03/13 01:33	1
N-Propylbenzene	ND		1.0		ug/L			08/03/13 01:33	1
Styrene	ND		0.50		ug/L			08/03/13 01:33	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/03/13 01:33	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/03/13 01:33	1
Tetrachloroethene	ND		0.50		ug/L			08/03/13 01:33	1
Toluene	ND		0.50		ug/L			08/03/13 01:33	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/03/13 01:33	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/03/13 01:33	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/03/13 01:33	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/03/13 01:33	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-01-3  
Date Collected: 07/30/13 14:50  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-6  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			08/03/13 01:33	1
Trichlorofluoromethane	ND		1.0		ug/L			08/03/13 01:33	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/03/13 01:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/03/13 01:33	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/03/13 01:33	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/03/13 01:33	1
Vinyl acetate	ND		10		ug/L			08/03/13 01:33	1
Vinyl chloride	ND		0.50		ug/L			08/03/13 01:33	1
Xylenes, Total	ND		1.0		ug/L			08/03/13 01:33	1
2,2-Dichloropropane	ND		0.50		ug/L			08/03/13 01:33	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/03/13 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130					08/03/13 01:33	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 138					08/03/13 01:33	1
Toluene-d8 (Surr)	98		70 - 130					08/03/13 01:33	1

Client Sample ID: MP-04-1  
Date Collected: 07/30/13 17:05  
Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-7  
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/03/13 02:01	1
Acetone	240		50		ug/L			08/03/13 02:01	1
Benzene	ND		0.50		ug/L			08/03/13 02:01	1
Dichlorobromomethane	ND		0.50		ug/L			08/03/13 02:01	1
Bromobenzene	ND		1.0		ug/L			08/03/13 02:01	1
Chlorobromomethane	ND		1.0		ug/L			08/03/13 02:01	1
Bromoform	ND		1.0		ug/L			08/03/13 02:01	1
Bromomethane	ND		1.0		ug/L			08/03/13 02:01	1
2-Butanone (MEK)	ND		50		ug/L			08/03/13 02:01	1
n-Butylbenzene	ND		1.0		ug/L			08/03/13 02:01	1
sec-Butylbenzene	ND		1.0		ug/L			08/03/13 02:01	1
tert-Butylbenzene	ND		1.0		ug/L			08/03/13 02:01	1
Carbon disulfide	ND		5.0		ug/L			08/03/13 02:01	1
Carbon tetrachloride	ND		0.50		ug/L			08/03/13 02:01	1
Chlorobenzene	ND		0.50		ug/L			08/03/13 02:01	1
Chloroethane	ND		1.0		ug/L			08/03/13 02:01	1
Chloroform	ND		1.0		ug/L			08/03/13 02:01	1
Chloromethane	ND		1.0		ug/L			08/03/13 02:01	1
2-Chlorotoluene	ND		0.50		ug/L			08/03/13 02:01	1
4-Chlorotoluene	ND		0.50		ug/L			08/03/13 02:01	1
Chlorodibromomethane	ND		0.50		ug/L			08/03/13 02:01	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/03/13 02:01	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/03/13 02:01	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/03/13 02:01	1
1,3-Dichloropropane	ND		1.0		ug/L			08/03/13 02:01	1
1,1-Dichloropropene	ND		0.50		ug/L			08/03/13 02:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/03/13 02:01	1
Ethylene Dibromide	ND		0.50		ug/L			08/03/13 02:01	1

TestAmerica Pleasanton



# Client Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Client Sample ID: MP-04-1  
 Date Collected: 07/30/13 17:05  
 Date Received: 07/30/13 17:53

Lab Sample ID: 720-51300-7  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			08/03/13 02:01	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/03/13 02:01	1
1,1-Dichloroethane	ND		0.50		ug/L			08/03/13 02:01	1
1,2-Dichloroethane	ND		0.50		ug/L			08/03/13 02:01	1
1,1-Dichloroethene	ND		0.50		ug/L			08/03/13 02:01	1
cis-1,2-Dichloroethene	0.76		0.50		ug/L			08/03/13 02:01	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/03/13 02:01	1
1,2-Dichloropropane	ND		0.50		ug/L			08/03/13 02:01	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/03/13 02:01	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/03/13 02:01	1
Ethylbenzene	ND		0.50		ug/L			08/03/13 02:01	1
Hexachlorobutadiene	ND		1.0		ug/L			08/03/13 02:01	1
2-Hexanone	ND		50		ug/L			08/03/13 02:01	1
Isopropylbenzene	ND		0.50		ug/L			08/03/13 02:01	1
4-Isopropyltoluene	ND		1.0		ug/L			08/03/13 02:01	1
Methylene Chloride	ND		5.0		ug/L			08/03/13 02:01	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/03/13 02:01	1
Naphthalene	ND		1.0		ug/L			08/03/13 02:01	1
N-Propylbenzene	ND		1.0		ug/L			08/03/13 02:01	1
Styrene	ND		0.50		ug/L			08/03/13 02:01	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/03/13 02:01	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/03/13 02:01	1
Tetrachloroethene	24		0.50		ug/L			08/03/13 02:01	1
Toluene	ND		0.50		ug/L			08/03/13 02:01	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/03/13 02:01	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/03/13 02:01	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/03/13 02:01	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/03/13 02:01	1
Trichloroethene	13		0.50		ug/L			08/03/13 02:01	1
Trichlorofluoromethane	ND		1.0		ug/L			08/03/13 02:01	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/03/13 02:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/03/13 02:01	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/03/13 02:01	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/03/13 02:01	1
Vinyl acetate	ND		10		ug/L			08/03/13 02:01	1
Vinyl chloride	ND		0.50		ug/L			08/03/13 02:01	1
Xylenes, Total	ND		1.0		ug/L			08/03/13 02:01	1
2,2-Dichloropropane	ND		0.50		ug/L			08/03/13 02:01	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/03/13 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130		08/03/13 02:01	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 138		08/03/13 02:01	1
Toluene-d8 (Surr)	99		70 - 130		08/03/13 02:01	1

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51300-1

Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-141443/4  
 Matrix: Water  
 Analysis Batch: 141443

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 10:49	1
Acetone	ND		50		ug/L			08/02/13 10:49	1
Benzene	ND		0.50		ug/L			08/02/13 10:49	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 10:49	1
Bromobenzene	ND		1.0		ug/L			08/02/13 10:49	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 10:49	1
Bromoform	ND		1.0		ug/L			08/02/13 10:49	1
Bromomethane	ND		1.0		ug/L			08/02/13 10:49	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 10:49	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 10:49	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 10:49	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 10:49	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 10:49	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 10:49	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 10:49	1
Chloroethane	ND		1.0		ug/L			08/02/13 10:49	1
Chloroform	ND		1.0		ug/L			08/02/13 10:49	1
Chloromethane	ND		1.0		ug/L			08/02/13 10:49	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 10:49	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 10:49	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 10:49	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 10:49	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 10:49	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 10:49	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 10:49	1
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 10:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 10:49	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 10:49	1
Dibromomethane	ND		0.50		ug/L			08/02/13 10:49	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 10:49	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 10:49	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 10:49	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 10:49	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 10:49	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 10:49	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 10:49	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 10:49	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 10:49	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 10:49	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 10:49	1
2-Hexanone	ND		50		ug/L			08/02/13 10:49	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 10:49	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 10:49	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 10:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 10:49	1
Naphthalene	ND		1.0		ug/L			08/02/13 10:49	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 10:49	1
Styrene	ND		0.50		ug/L			08/02/13 10:49	1

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-51300-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-141443/4

Matrix: Water

Analysis Batch: 141443

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 10:49	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 10:49	1
Tetrachloroethene	ND		0.50		ug/L			08/02/13 10:49	1
Toluene	ND		0.50		ug/L			08/02/13 10:49	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 10:49	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 10:49	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 10:49	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 10:49	1
Trichloroethene	ND		0.50		ug/L			08/02/13 10:49	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 10:49	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 10:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 10:49	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 10:49	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 10:49	1
Vinyl acetate	ND		10		ug/L			08/02/13 10:49	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 10:49	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 10:49	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 10:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 10:49	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	93		67 - 130		08/02/13 10:49	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 138		08/02/13 10:49	1
Toluene-d8 (Surr)	100		70 - 130		08/02/13 10:49	1

Lab Sample ID: LCS 720-141443/12

Matrix: Water

Analysis Batch: 141443

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	520		ug/L		104	62 - 120

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	90		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCS 720-141443/5

Matrix: Water

Analysis Batch: 141443

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	26.8		ug/L		107	62 - 130
Acetone	125	112		ug/L		90	26 - 180
Benzene	25.0	26.6		ug/L		106	79 - 130
Dichlorobromomethane	25.0	28.8		ug/L		115	70 - 130

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-51300-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141443/5

Matrix: Water

Analysis Batch: 141443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	25.0	30.7		ug/L		123	70 - 130
Chlorobromomethane	25.0	24.6		ug/L		98	70 - 130
Bromoform	25.0	28.1		ug/L		112	68 - 136
Bromomethane	25.0	23.4		ug/L		93	43 - 151
2-Butanone (MEK)	125	147		ug/L		118	54 - 130
n-Butylbenzene	25.0	28.3		ug/L		113	70 - 142
sec-Butylbenzene	25.0	29.4		ug/L		117	70 - 134
tert-Butylbenzene	25.0	31.3		ug/L		125	70 - 135
Carbon disulfide	25.0	18.4		ug/L		74	58 - 130
Carbon tetrachloride	25.0	27.5		ug/L		110	70 - 146
Chlorobenzene	25.0	28.3		ug/L		113	70 - 130
Chloroethane	25.0	23.8		ug/L		95	62 - 138
Chloroform	25.0	25.5		ug/L		102	70 - 130
Chloromethane	25.0	23.8		ug/L		95	52 - 175
2-Chlorotoluene	25.0	30.5		ug/L		122	70 - 130
4-Chlorotoluene	25.0	30.3		ug/L		121	70 - 130
Chlorodibromomethane	25.0	29.9		ug/L		120	70 - 145
1,2-Dichlorobenzene	25.0	26.8		ug/L		107	70 - 130
1,3-Dichlorobenzene	25.0	28.6		ug/L		115	70 - 130
1,4-Dichlorobenzene	25.0	28.3		ug/L		113	70 - 130
1,3-Dichloropropane	25.0	33.1		ug/L		132	70 - 130
1,1-Dichloropropene	25.0	28.5		ug/L		114	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	25.9		ug/L		104	70 - 136
Ethylene Dibromide	25.0	32.1		ug/L		128	70 - 130
Dibromomethane	25.0	27.8		ug/L		111	70 - 130
Dichlorodifluoromethane	25.0	24.8		ug/L		99	34 - 132
1,1-Dichloroethane	25.0	24.5		ug/L		98	70 - 130
1,2-Dichloroethane	25.0	27.5		ug/L		110	61 - 132
1,1-Dichloroethene	25.0	22.9		ug/L		91	64 - 128
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	70 - 130
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	68 - 130
1,2-Dichloropropane	25.0	30.5		ug/L		122	70 - 130
cis-1,3-Dichloropropene	25.0	31.4		ug/L		125	70 - 130
trans-1,3-Dichloropropene	25.0	32.4		ug/L		129	70 - 140
Ethylbenzene	25.0	26.9		ug/L		108	80 - 120
Hexachlorobutadiene	25.0	21.9		ug/L		88	70 - 130
2-Hexanone	125	156		ug/L		124	60 - 164
Isopropylbenzene	25.0	26.7		ug/L		107	70 - 130
4-Isopropyltoluene	25.0	29.0		ug/L		116	70 - 130
Methylene Chloride	25.0	22.4		ug/L		90	70 - 147
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	58 - 130
Naphthalene	25.0	23.2		ug/L		93	70 - 130
N-Propylbenzene	25.0	31.7		ug/L		127	70 - 130
Styrene	25.0	27.8		ug/L		111	70 - 130
1,1,1,2-Tetrachloroethane	25.0	26.8		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	25.0	31.0		ug/L		124	70 - 130
Tetrachloroethene	25.0	30.1		ug/L		120	70 - 130
Toluene	25.0	27.6		ug/L		111	78 - 120

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141443/5  
 Matrix: Water  
 Analysis Batch: 141443

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	25.0	20.5		ug/L		82	70 - 130
1,2,4-Trichlorobenzene	25.0	22.9		ug/L		91	70 - 130
1,1,1-Trichloroethane	25.0	27.4		ug/L		110	70 - 130
1,1,2-Trichloroethane	25.0	32.1		ug/L		128	70 - 130
Trichloroethene	25.0	28.4		ug/L		114	70 - 130
Trichlorofluoromethane	25.0	21.5		ug/L		86	66 - 132
1,2,3-Trichloropropane	25.0	30.7		ug/L		123	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		92	42 - 162
1,2,4-Trimethylbenzene	25.0	30.3		ug/L		121	70 - 132
1,3,5-Trimethylbenzene	25.0	30.9		ug/L		124	70 - 130
Vinyl acetate	25.0	37.4		ug/L		149	43 - 163
Vinyl chloride	25.0	25.2		ug/L		101	54 - 135
m-Xylene & p-Xylene	50.0	55.0		ug/L		110	70 - 142
o-Xylene	25.0	26.4		ug/L		106	70 - 130
2,2-Dichloropropane	25.0	28.1		ug/L		112	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	89		75 - 138
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 720-141443/13  
 Matrix: Water  
 Analysis Batch: 141443

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	535		ug/L		107	62 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	96		67 - 130
1,2-Dichloroethane-d4 (Surr)	90		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 720-141443/6  
 Matrix: Water  
 Analysis Batch: 141443

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	0	20
Acetone	125	116		ug/L		93	26 - 180	3	30
Benzene	25.0	27.3		ug/L		109	79 - 130	3	20
Dichlorobromomethane	25.0	29.0		ug/L		116	70 - 130	1	20
Bromobenzene	25.0	30.8		ug/L		123	70 - 130	0	20
Chlorobromomethane	25.0	25.2		ug/L		101	70 - 130	2	20
Bromoform	25.0	28.1		ug/L		113	68 - 136	0	20
Bromomethane	25.0	25.0		ug/L		100	43 - 151	7	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141443/6

Matrix: Water

Analysis Batch: 141443

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	146		ug/L		117	54 - 130	1	20
n-Butylbenzene	25.0	28.7		ug/L		115	70 - 142	2	20
sec-Butylbenzene	25.0	30.1		ug/L		120	70 - 134	2	20
tert-Butylbenzene	25.0	32.1		ug/L		128	70 - 135	3	20
Carbon disulfide	25.0	19.5		ug/L		78	58 - 130	6	20
Carbon tetrachloride	25.0	28.3		ug/L		113	70 - 146	3	20
Chlorobenzene	25.0	28.9		ug/L		116	70 - 130	2	20
Chloroethane	25.0	25.3		ug/L		101	62 - 138	6	20
Chloroform	25.0	26.1		ug/L		104	70 - 130	2	20
Chloromethane	25.0	25.9		ug/L		103	52 - 175	8	20
2-Chlorotoluene	25.0	31.0		ug/L		124	70 - 130	2	20
4-Chlorotoluene	25.0	31.0		ug/L		124	70 - 130	2	20
Chlorodibromomethane	25.0	29.8		ug/L		119	70 - 145	0	20
1,2-Dichlorobenzene	25.0	27.2		ug/L		109	70 - 130	2	20
1,3-Dichlorobenzene	25.0	29.2		ug/L		117	70 - 130	2	20
1,4-Dichlorobenzene	25.0	28.8		ug/L		115	70 - 130	2	20
1,3-Dichloropropane	25.0	32.6		ug/L		130	70 - 130	1	20
1,1-Dichloropropene	25.0	29.3		ug/L		117	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	25.4		ug/L		102	70 - 136	2	20
Ethylene Dibromide	25.0	31.5		ug/L		126	70 - 130	2	20
Dibromomethane	25.0	27.9		ug/L		111	70 - 130	0	20
Dichlorodifluoromethane	25.0	26.4		ug/L		106	34 - 132	6	20
1,1-Dichloroethane	25.0	25.1		ug/L		100	70 - 130	3	20
1,2-Dichloroethane	25.0	27.5		ug/L		110	61 - 132	0	20
1,1-Dichloroethene	25.0	23.5		ug/L		94	64 - 128	3	20
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	70 - 130	3	20
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	68 - 130	3	20
1,2-Dichloropropane	25.0	30.8		ug/L		123	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	31.4		ug/L		126	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	32.4		ug/L		130	70 - 140	0	20
Ethylbenzene	25.0	27.7		ug/L		111	80 - 120	3	20
Hexachlorobutadiene	25.0	22.1		ug/L		88	70 - 130	1	20
2-Hexanone	125	150		ug/L		120	60 - 164	4	20
Isopropylbenzene	25.0	27.4		ug/L		110	70 - 130	3	20
4-Isopropyltoluene	25.0	29.7		ug/L		119	70 - 130	2	20
Methylene Chloride	25.0	23.1		ug/L		93	70 - 147	3	20
4-Methyl-2-pentanone (MIBK)	125	134		ug/L		107	58 - 130	2	20
Naphthalene	25.0	23.2		ug/L		93	70 - 130	0	20
N-Propylbenzene	25.0	32.2		ug/L		129	70 - 130	2	20
Styrene	25.0	28.6		ug/L		114	70 - 130	3	20
1,1,1,2-Tetrachloroethane	25.0	27.4		ug/L		110	70 - 130	2	20
1,1,1,2,2-Tetrachloroethane	25.0	30.6		ug/L		122	70 - 130	1	20
Tetrachloroethene	25.0	30.8		ug/L		123	70 - 130	2	20
Toluene	25.0	28.7		ug/L		115	78 - 120	4	20
1,2,3-Trichlorobenzene	25.0	20.5		ug/L		82	70 - 130	0	20
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	70 - 130	1	20
1,1,1-Trichloroethane	25.0	28.3		ug/L		113	70 - 130	3	20
1,1,2-Trichloroethane	25.0	31.8		ug/L		127	70 - 130	1	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141443/6  
Matrix: Water  
Analysis Batch: 141443

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	29.2		ug/L		117	70 - 130	3	20
Trichlorofluoromethane	25.0	22.3		ug/L		89	66 - 132	4	20
1,2,3-Trichloropropane	25.0	30.2		ug/L		121	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.5		ug/L		94	42 - 162	3	20
1,2,4-Trimethylbenzene	25.0	30.9		ug/L		123	70 - 132	2	20
1,3,5-Trimethylbenzene	25.0	31.4		ug/L		126	70 - 130	2	20
Vinyl acetate	25.0	37.1		ug/L		148	43 - 163	1	20
Vinyl chloride	25.0	27.9		ug/L		112	54 - 135	10	20
m-Xylene & p-Xylene	50.0	56.6		ug/L		113	70 - 142	3	20
o-Xylene	25.0	27.2		ug/L		109	70 - 130	3	20
2,2-Dichloropropane	25.0	30.2		ug/L		121	70 - 140	7	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Sum)	88		75 - 138
Toluene-d8 (Sum)	104		70 - 130

Lab Sample ID: MB 720-141494/4  
Matrix: Water  
Analysis Batch: 141494

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

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			08/02/13 19:32	1
Acetone	ND		50		ug/L			08/02/13 19:32	1
Benzene	ND		0.50		ug/L			08/02/13 19:32	1
Dichlorobromomethane	ND		0.50		ug/L			08/02/13 19:32	1
Bromobenzene	ND		1.0		ug/L			08/02/13 19:32	1
Chlorobromomethane	ND		1.0		ug/L			08/02/13 19:32	1
Bromoform	ND		1.0		ug/L			08/02/13 19:32	1
Bromomethane	ND		1.0		ug/L			08/02/13 19:32	1
2-Butanone (MEK)	ND		50		ug/L			08/02/13 19:32	1
n-Butylbenzene	ND		1.0		ug/L			08/02/13 19:32	1
sec-Butylbenzene	ND		1.0		ug/L			08/02/13 19:32	1
tert-Butylbenzene	ND		1.0		ug/L			08/02/13 19:32	1
Carbon disulfide	ND		5.0		ug/L			08/02/13 19:32	1
Carbon tetrachloride	ND		0.50		ug/L			08/02/13 19:32	1
Chlorobenzene	ND		0.50		ug/L			08/02/13 19:32	1
Chloroethane	ND		1.0		ug/L			08/02/13 19:32	1
Chloroform	ND		1.0		ug/L			08/02/13 19:32	1
Chloromethane	ND		1.0		ug/L			08/02/13 19:32	1
2-Chlorotoluene	ND		0.50		ug/L			08/02/13 19:32	1
4-Chlorotoluene	ND		0.50		ug/L			08/02/13 19:32	1
Chlorodibromomethane	ND		0.50		ug/L			08/02/13 19:32	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/02/13 19:32	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/02/13 19:32	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/02/13 19:32	1
1,3-Dichloropropane	ND		1.0		ug/L			08/02/13 19:32	1

TestAmerica Pleasanton



# QC Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-141494/4  
Matrix: Water  
Analysis Batch: 141494

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.50		ug/L			08/02/13 19:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/02/13 19:32	1
Ethylene Dibromide	ND		0.50		ug/L			08/02/13 19:32	1
Dibromomethane	ND		0.50		ug/L			08/02/13 19:32	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/02/13 19:32	1
1,1-Dichloroethane	ND		0.50		ug/L			08/02/13 19:32	1
1,2-Dichloroethane	ND		0.50		ug/L			08/02/13 19:32	1
1,1-Dichloroethene	ND		0.50		ug/L			08/02/13 19:32	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 19:32	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/02/13 19:32	1
1,2-Dichloropropane	ND		0.50		ug/L			08/02/13 19:32	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 19:32	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/02/13 19:32	1
Ethylbenzene	ND		0.50		ug/L			08/02/13 19:32	1
Hexachlorobutadiene	ND		1.0		ug/L			08/02/13 19:32	1
2-Hexanone	ND		50		ug/L			08/02/13 19:32	1
Isopropylbenzene	ND		0.50		ug/L			08/02/13 19:32	1
4-Isopropyltoluene	ND		1.0		ug/L			08/02/13 19:32	1
Methylene Chloride	ND		5.0		ug/L			08/02/13 19:32	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/02/13 19:32	1
Naphthalene	ND		1.0		ug/L			08/02/13 19:32	1
N-Propylbenzene	ND		1.0		ug/L			08/02/13 19:32	1
Styrene	ND		0.50		ug/L			08/02/13 19:32	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 19:32	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/02/13 19:32	1
Tetrachloroethene	ND		0.50		ug/L			08/02/13 19:32	1
Toluene	ND		0.50		ug/L			08/02/13 19:32	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/02/13 19:32	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/02/13 19:32	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/02/13 19:32	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/02/13 19:32	1
Trichloroethene	ND		0.50		ug/L			08/02/13 19:32	1
Trichlorofluoromethane	ND		1.0		ug/L			08/02/13 19:32	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/02/13 19:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/02/13 19:32	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/02/13 19:32	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/02/13 19:32	1
Vinyl acetate	ND		10		ug/L			08/02/13 19:32	1
Vinyl chloride	ND		0.50		ug/L			08/02/13 19:32	1
Xylenes, Total	ND		1.0		ug/L			08/02/13 19:32	1
2,2-Dichloropropane	ND		0.50		ug/L			08/02/13 19:32	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/02/13 19:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		67 - 130		08/02/13 19:32	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 138		08/02/13 19:32	1
Toluene-d8 (Surr)	99		70 - 130		08/02/13 19:32	1

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141494/5

Matrix: Water

Analysis Batch: 141494

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	24.7		ug/L		99	62 - 130
Acetone	125	134		ug/L		107	26 - 180
Benzene	25.0	22.7		ug/L		91	79 - 130
Dichlorobromomethane	25.0	23.1		ug/L		92	70 - 130
Bromobenzene	25.0	24.0		ug/L		96	70 - 130
Chlorobromomethane	25.0	23.8		ug/L		95	70 - 130
Bromoform	25.0	26.1		ug/L		104	68 - 136
Bromomethane	25.0	25.1		ug/L		100	43 - 151
2-Butanone (MEK)	125	140		ug/L		112	54 - 130
n-Butylbenzene	25.0	24.9		ug/L		100	70 - 142
sec-Butylbenzene	25.0	24.8		ug/L		99	70 - 134
tert-Butylbenzene	25.0	25.3		ug/L		101	70 - 135
Carbon disulfide	25.0	20.6		ug/L		83	58 - 130
Carbon tetrachloride	25.0	22.8		ug/L		91	70 - 146
Chlorobenzene	25.0	24.4		ug/L		98	70 - 130
Chloroethane	25.0	25.1		ug/L		101	62 - 138
Chloroform	25.0	23.3		ug/L		93	70 - 130
Chloromethane	25.0	22.8		ug/L		91	52 - 175
2-Chlorotoluene	25.0	24.4		ug/L		98	70 - 130
4-Chlorotoluene	25.0	23.8		ug/L		95	70 - 130
Chlorodibromomethane	25.0	25.4		ug/L		102	70 - 145
1,2-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130
1,3-Dichlorobenzene	25.0	25.4		ug/L		102	70 - 130
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	70 - 130
1,3-Dichloropropane	25.0	25.2		ug/L		101	70 - 130
1,1-Dichloropropane	25.0	24.0		ug/L		96	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	28.3		ug/L		113	70 - 136
Ethylene Dibromide	25.0	26.3		ug/L		105	70 - 130
Dibromomethane	25.0	24.4		ug/L		97	70 - 130
Dichlorodifluoromethane	25.0	21.3		ug/L		85	34 - 132
1,1-Dichloroethane	25.0	22.3		ug/L		89	70 - 130
1,2-Dichloroethane	25.0	23.8		ug/L		95	61 - 132
1,1-Dichloroethene	25.0	20.2		ug/L		81	64 - 128
cis-1,2-Dichloroethene	25.0	23.1		ug/L		93	70 - 130
trans-1,2-Dichloroethene	25.0	21.8		ug/L		87	68 - 130
1,2-Dichloropropane	25.0	24.7		ug/L		99	70 - 130
cis-1,3-Dichloropropane	25.0	24.3		ug/L		97	70 - 130
trans-1,3-Dichloropropane	25.0	23.8		ug/L		95	70 - 140
Ethylbenzene	25.0	23.3		ug/L		93	80 - 120
Hexachlorobutadiene	25.0	24.9		ug/L		99	70 - 130
2-Hexanone	125	144		ug/L		115	60 - 164
Isopropylbenzene	25.0	25.9		ug/L		104	70 - 130
4-Isopropyltoluene	25.0	25.1		ug/L		101	70 - 130
Methylene Chloride	25.0	22.1		ug/L		88	70 - 147
4-Methyl-2-pentanone (MIBK)	125	144		ug/L		115	58 - 130
Naphthalene	25.0	28.3		ug/L		113	70 - 130
N-Propylbenzene	25.0	24.6		ug/L		98	70 - 130
Styrene	25.0	24.1		ug/L		96	70 - 130

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-51300-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-141494/5  
Matrix: Water  
Analysis Batch: 141494

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	24.1		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	25.0	27.1		ug/L		108	70 - 130
Tetrachloroethene	25.0	24.3		ug/L		97	70 - 130
Toluene	25.0	23.1		ug/L		92	78 - 120
1,2,3-Trichlorobenzene	25.0	26.1		ug/L		104	70 - 130
1,2,4-Trichlorobenzene	25.0	25.8		ug/L		103	70 - 130
1,1,1-Trichloroethane	25.0	23.9		ug/L		95	70 - 130
1,1,2-Trichloroethane	25.0	26.3		ug/L		105	70 - 130
Trichloroethene	25.0	24.0		ug/L		96	70 - 130
Trichlorofluoromethane	25.0	24.3		ug/L		97	66 - 132
1,2,3-Trichloropropane	25.0	25.9		ug/L		104	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.5		ug/L		86	42 - 162
1,2,4-Trimethylbenzene	25.0	25.7		ug/L		103	70 - 132
1,3,5-Trimethylbenzene	25.0	25.2		ug/L		101	70 - 130
Vinyl acetate	25.0	33.4		ug/L		133	43 - 163
Vinyl chloride	25.0	23.7		ug/L		95	54 - 135
m-Xylene & p-Xylene	50.0	49.1		ug/L		98	70 - 142
o-Xylene	25.0	25.3		ug/L		101	70 - 130
2,2-Dichloropropane	25.0	25.4		ug/L		101	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	96		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCS 720-141494/7  
Matrix: Water  
Analysis Batch: 141494

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	488		ug/L		98	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	96		67 - 130
1,2-Dichloroethane-d4 (Surr)	94		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 720-141494/6  
Matrix: Water  
Analysis Batch: 141494

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Methyl tert-butyl ether	25.0	23.5		ug/L		94	62 - 130	5	20
Acetone	125	120		ug/L		96	26 - 180	11	30
Benzene	25.0	22.5		ug/L		90	79 - 130	1	20
Dichlorobromomethane	25.0	22.8		ug/L		91	70 - 130	1	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141494/6

Matrix: Water

Analysis Batch: 141494

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
Bromobenzene	25.0	23.8		ug/L		95	70 - 130	1	20
Chlorobromomethane	25.0	23.3		ug/L		93	70 - 130	2	20
Bromoform	25.0	24.5		ug/L		98	68 - 136	6	20
Bromomethane	25.0	25.0		ug/L		100	43 - 151	0	20
2-Butanone (MEK)	125	120		ug/L		96	54 - 130	16	20
n-Butylbenzene	25.0	24.8		ug/L		99	70 - 142	0	20
sec-Butylbenzene	25.0	24.8		ug/L		99	70 - 134	0	20
tert-Butylbenzene	25.0	25.5		ug/L		102	70 - 135	0	20
Carbon disulfide	25.0	20.8		ug/L		83	58 - 130	1	20
Carbon tetrachloride	25.0	22.9		ug/L		92	70 - 146	0	20
Chlorobenzene	25.0	24.1		ug/L		96	70 - 130	1	20
Chloroethane	25.0	25.1		ug/L		101	62 - 138	0	20
Chloroform	25.0	23.1		ug/L		92	70 - 130	1	20
Chloromethane	25.0	22.7		ug/L		91	52 - 175	0	20
2-Chlorotoluene	25.0	24.5		ug/L		98	70 - 130	0	20
4-Chlorotoluene	25.0	23.9		ug/L		95	70 - 130	0	20
Chlorodibromomethane	25.0	24.7		ug/L		99	70 - 145	3	20
1,2-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130	2	20
1,3-Dichlorobenzene	25.0	25.3		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	24.1		ug/L		96	70 - 130	5	20
1,1-Dichloropropene	25.0	24.0		ug/L		96	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	25.0		ug/L		100	70 - 136	12	20
Ethylene Dibromide	25.0	24.9		ug/L		100	70 - 130	6	20
Dibromomethane	25.0	23.1		ug/L		92	70 - 130	5	20
Dichlorodifluoromethane	25.0	21.0		ug/L		84	34 - 132	1	20
1,1-Dichloroethane	25.0	22.1		ug/L		89	70 - 130	1	20
1,2-Dichloroethane	25.0	23.0		ug/L		92	61 - 132	3	20
1,1-Dichloroethene	25.0	19.9		ug/L		80	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	22.9		ug/L		92	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	21.8		ug/L		87	68 - 130	0	20
1,2-Dichloropropane	25.0	24.3		ug/L		97	70 - 130	2	20
cis-1,3-Dichloropropene	25.0	23.9		ug/L		96	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	23.0		ug/L		92	70 - 140	3	20
Ethylbenzene	25.0	23.0		ug/L		92	80 - 120	1	20
Hexachlorobutadiene	25.0	25.6		ug/L		103	70 - 130	3	20
2-Hexanone	125	122		ug/L		98	60 - 164	16	20
Isopropylbenzene	25.0	25.7		ug/L		103	70 - 130	1	20
4-Isopropyltoluene	25.0	25.1		ug/L		101	70 - 130	0	20
Methylene Chloride	25.0	21.9		ug/L		88	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	58 - 130	14	20
Naphthalene	25.0	26.6		ug/L		106	70 - 130	6	20
N-Propylbenzene	25.0	24.7		ug/L		99	70 - 130	0	20
Styrene	25.0	23.8		ug/L		95	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	23.8		ug/L		95	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	24.8		ug/L		99	70 - 130	9	20
Tetrachloroethene	25.0	23.9		ug/L		96	70 - 130	2	20
Toluene	25.0	22.8		ug/L		91	78 - 120	1	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-51300-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-141494/6

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141494

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	25.0	26.1		ug/L		104	70 - 130	0	20
1,2,4-Trichlorobenzene	25.0	25.8		ug/L		103	70 - 130	0	20
1,1,1-Trichloroethane	25.0	24.0		ug/L		96	70 - 130	1	20
1,1,2-Trichloroethane	25.0	24.9		ug/L		100	70 - 130	5	20
Trichloroethene	25.0	24.0		ug/L		96	70 - 130	0	20
Trichlorofluoromethane	25.0	24.1		ug/L		96	66 - 132	1	20
1,2,3-Trichloropropane	25.0	24.0		ug/L		96	70 - 130	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.1		ug/L		84	42 - 162	2	20
1,2,4-Trimethylbenzene	25.0	25.8		ug/L		103	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	25.2		ug/L		101	70 - 130	0	20
Vinyl acetate	25.0	30.3		ug/L		121	43 - 163	10	20
Vinyl chloride	25.0	23.7		ug/L		95	54 - 135	0	20
m-Xylene & p-Xylene	50.0	48.6		ug/L		97	70 - 142	1	20
o-Xylene	25.0	25.1		ug/L		100	70 - 130	1	20
2,2-Dichloropropane	25.0	25.6		ug/L		103	70 - 140	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	94		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 720-141494/8

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141494

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	500	496		ug/L		99	62 - 120	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	96		67 - 130
1,2-Dichloroethane-d4 (Surr)	94		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: 720-51300-3 MS

Client Sample ID: MP-01-1

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141494

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	ND		25.0	26.9		ug/L		108	60 - 138
Acetone	ND		125	112		ug/L		90	60 - 140
Benzene	ND		25.0	23.1		ug/L		93	60 - 140
Dichlorobromomethane	ND		25.0	24.7		ug/L		99	60 - 140
Bromobenzene	ND		25.0	25.1		ug/L		100	60 - 140
Chlorobromomethane	ND		25.0	25.4		ug/L		102	60 - 140
Bromoform	ND		25.0	27.8		ug/L		111	56 - 140
Bromomethane	ND		25.0	22.6		ug/L		90	23 - 140

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-51300-3 MS

Client Sample ID: MP-01-1

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141494

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2-Butanone (MEK)	ND		125	130		ug/L		104	60 - 140
n-Butylbenzene	ND		25.0	23.6		ug/L		95	60 - 140
sec-Butylbenzene	ND		25.0	23.8		ug/L		95	60 - 140
tert-Butylbenzene	ND		25.0	25.1		ug/L		101	60 - 140
Carbon disulfide	ND		25.0	20.1		ug/L		80	38 - 140
Carbon tetrachloride	ND		25.0	23.4		ug/L		93	60 - 140
Chlorobenzene	ND		25.0	24.6		ug/L		98	60 - 140
Chloroethane	ND		25.0	24.1		ug/L		96	51 - 140
Chloroform	ND		25.0	24.1		ug/L		96	60 - 140
Chloromethane	ND		25.0	20.1		ug/L		80	52 - 140
2-Chlorotoluene	ND		25.0	24.6		ug/L		98	60 - 140
4-Chlorotoluene	ND		25.0	23.9		ug/L		96	60 - 140
Chlorodibromomethane	ND		25.0	28.2		ug/L		113	60 - 140
1,2-Dichlorobenzene	ND		25.0	26.3		ug/L		105	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.8		ug/L		103	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.7		ug/L		103	60 - 140
1,3-Dichloropropane	ND		25.0	27.7		ug/L		111	60 - 140
1,1-Dichloropropene	ND		25.0	23.9		ug/L		96	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	27.8		ug/L		111	60 - 140
Ethylene Dibromide	ND		25.0	28.7		ug/L		115	60 - 140
Dibromomethane	ND		25.0	26.0		ug/L		104	60 - 140
Dichlorodifluoromethane	ND		25.0	19.9		ug/L		80	38 - 140
1,1-Dichloroethane	ND		25.0	22.5		ug/L		90	60 - 140
1,2-Dichloroethane	ND		25.0	25.2		ug/L		101	60 - 140
1,1-Dichloroethene	ND		25.0	19.2		ug/L		77	60 - 140
cis-1,2-Dichloroethene	ND		25.0	23.6		ug/L		94	60 - 140
trans-1,2-Dichloroethene	ND		25.0	21.7		ug/L		87	60 - 140
1,2-Dichloropropane	ND		25.0	26.3		ug/L		105	60 - 140
cis-1,3-Dichloropropene	ND		25.0	26.5		ug/L		106	60 - 140
trans-1,3-Dichloropropene	ND		25.0	26.3		ug/L		105	60 - 140
Ethylbenzene	ND		25.0	22.5		ug/L		90	60 - 140
Hexachlorobutadiene	ND		25.0	24.4		ug/L		98	60 - 140
2-Hexanone	ND		125	139		ug/L		111	60 - 140
Isopropylbenzene	ND		25.0	25.0		ug/L		100	60 - 140
4-Isopropyltoluene	ND		25.0	24.1		ug/L		96	60 - 140
Methylene Chloride	ND		25.0	22.5		ug/L		90	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	145		ug/L		116	58 - 130
Naphthalene	ND		25.0	27.8		ug/L		111	56 - 140
N-Propylbenzene	ND		25.0	23.9		ug/L		96	60 - 140
Styrene	ND		25.0	24.6		ug/L		98	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	27.2		ug/L		109	60 - 140
Tetrachloroethene	150		25.0	164		ug/L		55	60 - 140
Toluene	ND		25.0	22.8		ug/L		91	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	26.8		ug/L		107	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.6		ug/L		106	60 - 140
1,1,1-Trichloroethane	ND		25.0	24.0		ug/L		96	60 - 140
1,1,2-Trichloroethane	ND		25.0	32.8		ug/L		131	60 - 140

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-51300-3 MS

Client Sample ID: MP-01-1

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141494

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	1.8		25.0	26.2		ug/L		98	60 - 140
Trichlorofluoromethane	ND		25.0	21.9		ug/L		88	60 - 140
1,2,3-Trichloropropane	ND		25.0	26.9		ug/L		107	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	20.9		ug/L		83	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	25.7		ug/L		103	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	25.0		ug/L		100	60 - 140
Vinyl acetate	ND		25.0	33.8		ug/L		135	40 - 140
Vinyl chloride	ND		25.0	21.5		ug/L		86	58 - 140
m-Xylene & p-Xylene	ND		50.0	47.5		ug/L		95	60 - 140
o-Xylene	ND		25.0	25.0		ug/L		100	60 - 140
2,2-Dichloropropane	ND		25.0	24.3		ug/L		97	60 - 140

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

Lab Sample ID: 720-51300-3 MSD

Client Sample ID: MP-01-1

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141494

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	27.1		ug/L		108	60 - 138	0	20
Acetone	ND		125	112		ug/L		90	60 - 140	0	20
Benzene	ND		25.0	23.0		ug/L		92	60 - 140	0	20
Dichlorobromomethane	ND		25.0	25.0		ug/L		100	60 - 140	1	20
Bromobenzene	ND		25.0	24.9		ug/L		100	60 - 140	1	20
Chlorobromomethane	ND		25.0	25.2		ug/L		101	60 - 140	1	20
Bromoform	ND		25.0	26.8		ug/L		107	56 - 140	4	20
Bromomethane	ND		25.0	23.1		ug/L		92	23 - 140	2	20
2-Butanone (MEK)	ND		125	129		ug/L		103	60 - 140	1	20
n-Butylbenzene	ND		25.0	23.3		ug/L		93	60 - 140	1	20
sec-Butylbenzene	ND		25.0	23.7		ug/L		95	60 - 140	0	20
tert-Butylbenzene	ND		25.0	24.8		ug/L		99	60 - 140	1	20
Carbon disulfide	ND		25.0	20.4		ug/L		82	38 - 140	2	20
Carbon tetrachloride	ND		25.0	22.8		ug/L		91	60 - 140	2	20
Chlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140	0	20
Chloroethane	ND		25.0	24.5		ug/L		98	51 - 140	2	20
Chloroform	ND		25.0	24.2		ug/L		97	60 - 140	1	20
Chloromethane	ND		25.0	21.6		ug/L		86	52 - 140	7	20
2-Chlorotoluene	ND		25.0	24.2		ug/L		97	60 - 140	2	20
4-Chlorotoluene	ND		25.0	23.7		ug/L		95	60 - 140	1	20
Chlorodibromomethane	ND		25.0	27.6		ug/L		110	60 - 140	2	20
1,2-Dichlorobenzene	ND		25.0	26.1		ug/L		105	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	25.7		ug/L		103	60 - 140	0	20
1,3-Dichloropropane	ND		25.0	26.4		ug/L		106	60 - 140	5	20

TestAmerica Pleasanton



# QC Sample Results

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

TestAmerica Job ID: 720-51300-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-51300-3 MSD

Client Sample ID: MP-01-1

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 141494

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
1,1-Dichloropropene	ND		25.0	23.7		ug/L		95	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	26.6		ug/L		106	60 - 140	5	20
Ethylene Dibromide	ND		25.0	27.5		ug/L		110	60 - 140	4	20
Dibromomethane	ND		25.0	25.4		ug/L		102	60 - 140	2	20
Dichlorodifluoromethane	ND		25.0	20.2		ug/L		81	38 - 140	1	20
1,1-Dichloroethane	ND		25.0	22.8		ug/L		91	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	25.1		ug/L		101	60 - 140	0	20
1,1-Dichloroethane	ND		25.0	19.7		ug/L		79	60 - 140	2	20
cis-1,2-Dichloroethene	ND		25.0	23.8		ug/L		95	60 - 140	1	20
trans-1,2-Dichloroethene	ND		25.0	21.9		ug/L		88	60 - 140	1	20
1,2-Dichloropropane	ND		25.0	26.1		ug/L		104	60 - 140	1	20
cis-1,3-Dichloropropene	ND		25.0	26.0		ug/L		104	60 - 140	2	20
trans-1,3-Dichloropropene	ND		25.0	25.5		ug/L		102	60 - 140	3	20
Ethylbenzene	ND		25.0	22.7		ug/L		91	60 - 140	1	20
Hexachlorobutadiene	ND		25.0	24.3		ug/L		97	60 - 140	0	20
2-Hexanone	ND		125	132		ug/L		106	60 - 140	5	20
Isopropylbenzene	ND		25.0	25.1		ug/L		100	60 - 140	0	20
4-Isopropyltoluene	ND		25.0	24.0		ug/L		96	60 - 140	1	20
Methylene Chloride	ND		25.0	22.9		ug/L		92	40 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		125	137		ug/L		110	58 - 130	6	20
Naphthalene	ND		25.0	27.3		ug/L		109	56 - 140	2	20
N-Propylbenzene	ND		25.0	23.4		ug/L		94	60 - 140	2	20
Styrene	ND		25.0	22.6		ug/L		90	60 - 140	8	20
1,1,1,2-Tetrachloroethane	ND		25.0	25.4		ug/L		101	60 - 140	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	26.3		ug/L		105	60 - 140	3	20
Tetrachloroethene	150		25.0	163		ug/L		53	60 - 140	0	20
Toluene	ND		25.0	22.6		ug/L		90	60 - 140	1	20
1,2,3-Trichlorobenzene	ND		25.0	26.8		ug/L		107	60 - 140	0	20
1,2,4-Trichlorobenzene	ND		25.0	26.5		ug/L		106	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	24.3		ug/L		97	60 - 140	1	20
1,1,2-Trichloroethane	ND		25.0	27.4		ug/L		110	60 - 140	18	20
Trichloroethene	1.8		25.0	26.0		ug/L		97	60 - 140	1	20
Trichlorofluoromethane	ND		25.0	23.9		ug/L		96	60 - 140	9	20
1,2,3-Trichloropropane	ND		25.0	25.4		ug/L		102	60 - 140	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.3		ug/L		85	60 - 140	2	20
1,2,4-Trimethylbenzene	ND		25.0	24.4		ug/L		98	60 - 140	5	20
1,3,5-Trimethylbenzene	ND		25.0	24.2		ug/L		97	60 - 140	3	20
Vinyl acetate	ND		25.0	33.1		ug/L		132	40 - 140	2	20
Vinyl chloride	ND		25.0	22.2		ug/L		89	58 - 140	3	20
m-Xylene & p-Xylene	ND		50.0	47.6		ug/L		95	60 - 140	0	20
o-Xylene	ND		25.0	25.1		ug/L		100	60 - 140	0	20
2,2-Dichloropropane	ND		25.0	24.2		ug/L		97	60 - 140	0	20

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

TestAmerica Pleasanton

## QC Association Summary

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

TestAmerica Job ID: 720-51300-1

### GC/MS VOA

#### Analysis Batch: 141443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51300-1	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-51300-2	MP-02-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141443/12	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141443/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141443/13	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141443/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-141443/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

#### Analysis Batch: 141494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51300-3	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-51300-3 MS	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-51300-3 MSD	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-51300-4	MP-01-2	Total/NA	Water	8260B/CA_LUFT MS	
720-51300-5	MP-02-3	Total/NA	Water	8260B/CA_LUFT MS	
720-51300-6	MP-01-3	Total/NA	Water	8260B/CA_LUFT MS	
720-51300-7	MP-04-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141494/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-141494/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141494/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-141494/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-141494/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

# Lab Chronicle

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

TestAmerica Job ID: 720-51300-1

**Client Sample ID: MW-02**

**Lab Sample ID: 720-51300-1**

Date Collected: 07/30/13 08:15

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141443	08/02/13 20:19	YYB	TAL PLS

**Client Sample ID: MP-02-1**

**Lab Sample ID: 720-51300-2**

Date Collected: 07/30/13 09:20

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141443	08/02/13 20:49	YYB	TAL PLS

**Client Sample ID: MP-01-1**

**Lab Sample ID: 720-51300-3**

Date Collected: 07/30/13 12:30

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141494	08/03/13 00:10	ASC	TAL PLS

**Client Sample ID: MP-01-2**

**Lab Sample ID: 720-51300-4**

Date Collected: 07/30/13 13:50

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141494	08/03/13 00:38	ASC	TAL PLS

**Client Sample ID: MP-02-3**

**Lab Sample ID: 720-51300-5**

Date Collected: 07/30/13 14:50

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141494	08/03/13 01:05	ASC	TAL PLS

**Client Sample ID: MP-01-3**

**Lab Sample ID: 720-51300-6**

Date Collected: 07/30/13 14:50

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141494	08/03/13 01:33	ASC	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

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

TestAmerica Job ID: 720-51300-1

Client Sample ID: MP-04-1

Lab Sample ID: 720-51300-7

Date Collected: 07/30/13 17:05

Matrix: Water

Date Received: 07/30/13 17:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	141494	08/03/13 02:01	ASC	TAL PLS

**Laboratory References:**

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

# Certification Summary

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

TestAmerica Job ID: 720-51300-1

## 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: 720-51300-1

---

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTM S	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: 720-51300-1

---

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-51300-1	MW-02	Water	07/30/13 08:15	07/30/13 17:53
720-51300-2	MP-02-1	Water	07/30/13 09:20	07/30/13 17:53
720-51300-3	MP-01-1	Water	07/30/13 12:30	07/30/13 17:53
720-51300-4	MP-01-2	Water	07/30/13 13:50	07/30/13 17:53
720-51300-5	MP-02-3	Water	07/30/13 14:50	07/30/13 17:53
720-51300-6	MP-01-3	Water	07/30/13 14:50	07/30/13 17:53
720-51300-7	MP-04-1	Water	07/30/13 17:05	07/30/13 17:53



Seq. 2390

1330 Broadway  
Suite 1702  
Oakland, CA 94612  
(510) 451-1001

# CHAIN OF CUSTODY FORM



Lab: Test America


Samplers: H. Young / D. Pearson

Job Number: OD10160070.00008 **720-51300**

147583

Name/Location: Crown Chevrolet, Dublin CA

Project Manager: Avery Patton Recorder: [Signature]  
(Signature Required)

ANALYSIS REQUESTED	
	
720-51300 Chain of Custody	
9260B + TPNG 9270	TITLE 22 METALS
[Grid for analysis results]	

MATRIX		# CONTAINERS				DATE				STATION DESCRIPTION		
Water	Soil	Air	Unpres.	H2SO4	HNO3	HCL						DEPTH
								YR	MO	DAY	TIME	
X							MW-02	13	07	30	0815	
X							MP-02-1	13	07	30	0920	
X							MP-01-1	13	07	30	1230	
X							MP-01-2	13	07	30	1350	
X							MP-02-3	13	07	30	1450	
X							MP-01-3	13	07	30	1450	
X							MP-04-1	13	07	30	1705	

Page 37 of 38

### ADDITIONAL INFORMATION

REPORT TO: Haely.Young@amec.com and Avery.Patt@amec.com

PO#: CO12202707

TAT: Standard

Comments: Field Filtered (N)

### CHAIN OF CUSTODY RECORD

Relinquished By (Signature) [Signature] (Print Name) Haely Young (Company) AMEC (Date/Time) 7/30/13 @ 1753

Received By (Signature) [Signature] (Print Name) Justin Jones (Company) TAP (Date/Time) 7/30/13 1753

Relinquished By (Signature) \_\_\_\_\_ (Print Name) \_\_\_\_\_ (Company) \_\_\_\_\_ (Date/Time)

Received By (Signature): \_\_\_\_\_ (Print Name) \_\_\_\_\_ (Company) \_\_\_\_\_ (Date/Time)

Relinquished By (Signature) \_\_\_\_\_ (Print Name) \_\_\_\_\_ (Company) \_\_\_\_\_ (Date/Time)

Received By (Signature): \_\_\_\_\_ (Print Name) \_\_\_\_\_ (Company) \_\_\_\_\_ (Date/Time)

Method of Shipment: 2.4°C

White - Laboratory Copy

Yellow - Project Office Copy

Pink - Field or Office Copy

Page 1 of 1

F1008-B

8/6/2013

## Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-51300-1

**Login Number: 51300**

**List Source: TestAmerica Pleasanton**

**List Number: 1**

**Creator: Gonzales, Justinn**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $< 6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

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

TestAmerica Job ID: 720-53382-1  
Client Project/Site: Crown Chevrolet  
Revision: 2

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

Attn: Avery Patton



Authorized for release by:  
12/6/2013 1:27:22 PM

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

### LINKS

Review your project  
results through

**Total Access**

Have a Question?

**Ask  
The  
Expert**

Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

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

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



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	7
QC Sample Results . . . . .	23
QC Association Summary . . . . .	41
Lab Chronicle . . . . .	42
Certification Summary . . . . .	44
Method Summary . . . . .	45
Sample Summary . . . . .	46
Chain of Custody . . . . .	47
Receipt Checklists . . . . .	48

## Definitions/Glossary

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

TestAmerica Job ID: 720-53382-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
F	MS/MSD Recovery and/or RPD exceeds the control limits

### Glossary

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

## Case Narrative

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

TestAmerica Job ID: 720-53382-1

Job ID: 720-53382-1

Laboratory: TestAmerica Pleasanton

Narrative

### Job Narrative 720-53382-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 10/28/2013 5:12 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.6° C.

#### GC/MS VOA

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 53382-5,9 is due to the presence of discrete peaks. <<PCE>>

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 53383-8 is due to the presence of discrete peaks. <<TCE>>

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 53382-6 is due to the presence of discrete peaks. <<PCE,TCE>>

No other analytical or quality issues were noted.

## Detection Summary

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

TestAmerica Job ID: 720-53382-1

**Client Sample ID: TB-102813-1**

**Lab Sample ID: 720-53382-1**

No Detections.

**Client Sample ID: MP-01-3**

**Lab Sample ID: 720-53382-2**

No Detections.

**Client Sample ID: MP-03-2**

**Lab Sample ID: 720-53382-3**

No Detections.

**Client Sample ID: MP-01-2**

**Lab Sample ID: 720-53382-4**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	14		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

**Client Sample ID: MP-01-1**

**Lab Sample ID: 720-53382-5**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	140		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	5.1		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	120	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

**Client Sample ID: MP-03-1**

**Lab Sample ID: 720-53382-6**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.64		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	120		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	12		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	150	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

**Client Sample ID: MW-02**

**Lab Sample ID: 720-53382-7**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.58		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	10		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	6.6		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

**Client Sample ID: MP-02-1**

**Lab Sample ID: 720-53382-8**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.9		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
trans-1,2-Dichloroethene	0.92		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

## Detection Summary

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

TestAmerica Job ID: 720-53382-1

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

Lab Sample ID: 720-53382-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	0.53		0.50		ug/L	1			8260B/CA_LUFT MS	Total/NA
Trichloroethene	56		0.50		ug/L	1			8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	70	R	50		ug/L	1			8260B/CA_LUFT MS	Total/NA

### Client Sample ID: MW-01

Lab Sample ID: 720-53382-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	150		1.0		ug/L	2			8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.9		1.0		ug/L	2			8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	150	R	100		ug/L	2			8260B/CA_LUFT MS	Total/NA

### Client Sample ID: MW-03

Lab Sample ID: 720-53382-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chlorobenzene	0.96		0.50		ug/L	1			8260B/CA_LUFT MS	Total/NA
1,2-Dichlorobenzene	1.6		0.50		ug/L	1			8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	6.9		0.50		ug/L	1			8260B/CA_LUFT MS	Total/NA
Trichloroethene	0.63		0.50		ug/L	1			8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton



# Client Sample Results

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

TestAmerica Job ID: 720-53382-1

Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: TB-102813-1

Date Collected: 10/28/13 08:00

Date Received: 10/28/13 17:12

Lab Sample ID: 720-53382-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/31/13 23:36	1
Acetone	ND		50		ug/L			10/31/13 23:36	1
Benzene	ND		0.50		ug/L			10/31/13 23:36	1
Dichlorobromomethane	ND		0.50		ug/L			10/31/13 23:36	1
Bromobenzene	ND		1.0		ug/L			10/31/13 23:36	1
Chlorobromomethane	ND		1.0		ug/L			10/31/13 23:36	1
Bromoform	ND		1.0		ug/L			10/31/13 23:36	1
Bromomethane	ND		1.0		ug/L			10/31/13 23:36	1
2-Butanone (MEK)	ND		50		ug/L			10/31/13 23:36	1
n-Butylbenzene	ND		1.0		ug/L			10/31/13 23:36	1
sec-Butylbenzene	ND		1.0		ug/L			10/31/13 23:36	1
tert-Butylbenzene	ND		1.0		ug/L			10/31/13 23:36	1
Carbon disulfide	ND		5.0		ug/L			10/31/13 23:36	1
Carbon tetrachloride	ND		0.50		ug/L			10/31/13 23:36	1
Chlorobenzene	ND		0.50		ug/L			10/31/13 23:36	1
Chloroethane	ND		1.0		ug/L			10/31/13 23:36	1
Chloroform	ND		1.0		ug/L			10/31/13 23:36	1
Chloromethane	ND		1.0		ug/L			10/31/13 23:36	1
2-Chlorotoluene	ND		0.50		ug/L			10/31/13 23:36	1
4-Chlorotoluene	ND		0.50		ug/L			10/31/13 23:36	1
Chlorodibromomethane	ND		0.50		ug/L			10/31/13 23:36	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/31/13 23:36	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/31/13 23:36	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/31/13 23:36	1
1,3-Dichloropropane	ND		1.0		ug/L			10/31/13 23:36	1
1,1-Dichloropropene	ND		0.50		ug/L			10/31/13 23:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/31/13 23:36	1
Ethylene Dibromide	ND		0.50		ug/L			10/31/13 23:36	1
Dibromomethane	ND		0.50		ug/L			10/31/13 23:36	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/31/13 23:36	1
1,1-Dichloroethane	ND		0.50		ug/L			10/31/13 23:36	1
1,2-Dichloroethane	ND		0.50		ug/L			10/31/13 23:36	1
1,1-Dichloroethene	ND		0.50		ug/L			10/31/13 23:36	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/31/13 23:36	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/31/13 23:36	1
1,2-Dichloropropane	ND		0.50		ug/L			10/31/13 23:36	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/31/13 23:36	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/31/13 23:36	1
Ethylbenzene	ND		0.50		ug/L			10/31/13 23:36	1
Hexachlorobutadiene	ND		1.0		ug/L			10/31/13 23:36	1
2-Hexanone	ND		50		ug/L			10/31/13 23:36	1
Isopropylbenzene	ND		0.50		ug/L			10/31/13 23:36	1
4-Isopropyltoluene	ND		1.0		ug/L			10/31/13 23:36	1
Methylene Chloride	ND		5.0		ug/L			10/31/13 23:36	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/31/13 23:36	1
Naphthalene	ND		1.0		ug/L			10/31/13 23:36	1
N-Propylbenzene	ND		1.0		ug/L			10/31/13 23:36	1
Styrene	ND		0.50		ug/L			10/31/13 23:36	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/31/13 23:36	1

TestAmerica Pleasanton

## Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

Client Sample ID: TB-102813-1

Date Collected: 10/28/13 08:00

Date Received: 10/28/13 17:12

Lab Sample ID: 720-53382-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/31/13 23:36	1
Tetrachloroethene	ND		0.50		ug/L			10/31/13 23:36	1
Toluene	ND		0.50		ug/L			10/31/13 23:36	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/31/13 23:36	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/31/13 23:36	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/31/13 23:36	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/31/13 23:36	1
Trichloroethene	ND		0.50		ug/L			10/31/13 23:36	1
Trichlorofluoromethane	ND		1.0		ug/L			10/31/13 23:36	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/31/13 23:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/31/13 23:36	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/31/13 23:36	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/31/13 23:36	1
Vinyl acetate	ND		10		ug/L			10/31/13 23:36	1
Vinyl chloride	ND		0.50		ug/L			10/31/13 23:36	1
Xylenes, Total	ND		1.0		ug/L			10/31/13 23:36	1
2,2-Dichloropropane	ND		0.50		ug/L			10/31/13 23:36	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/31/13 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130		10/31/13 23:36	1
1,2-Dichloroethane-d4 (Surr)	109		72 - 130		10/31/13 23:36	1
Toluene-d8 (Surr)	96		70 - 130		10/31/13 23:36	1

Client Sample ID: MP-01-3

Date Collected: 10/28/13 08:32

Date Received: 10/28/13 17:12

Lab Sample ID: 720-53382-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 12:17	1
Acetone	ND		50		ug/L			11/01/13 12:17	1
Benzene	ND		0.50		ug/L			11/01/13 12:17	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 12:17	1
Bromobenzene	ND		1.0		ug/L			11/01/13 12:17	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 12:17	1
Bromoform	ND		1.0		ug/L			11/01/13 12:17	1
Bromomethane	ND		1.0		ug/L			11/01/13 12:17	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 12:17	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 12:17	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 12:17	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 12:17	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 12:17	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 12:17	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 12:17	1
Chloroethane	ND		1.0		ug/L			11/01/13 12:17	1
Chloroform	ND		1.0		ug/L			11/01/13 12:17	1
Chloromethane	ND		1.0		ug/L			11/01/13 12:17	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 12:17	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 12:17	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 12:17	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

Client Sample ID: MP-01-3

Lab Sample ID: 720-53382-2

Date Collected: 10/28/13 08:32

Matrix: Water

Date Received: 10/28/13 17:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 12:17	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 12:17	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 12:17	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 12:17	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 12:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 12:17	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 12:17	1
Dibromomethane	ND		0.50		ug/L			11/01/13 12:17	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 12:17	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 12:17	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 12:17	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 12:17	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 12:17	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 12:17	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 12:17	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 12:17	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 12:17	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 12:17	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 12:17	1
2-Hexanone	ND		50		ug/L			11/01/13 12:17	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 12:17	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 12:17	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 12:17	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 12:17	1
Naphthalene	ND		1.0		ug/L			11/01/13 12:17	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 12:17	1
Styrene	ND		0.50		ug/L			11/01/13 12:17	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 12:17	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 12:17	1
Tetrachloroethene	ND		0.50		ug/L			11/01/13 12:17	1
Toluene	ND		0.50		ug/L			11/01/13 12:17	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 12:17	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 12:17	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 12:17	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 12:17	1
Trichloroethene	ND		0.50		ug/L			11/01/13 12:17	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 12:17	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 12:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 12:17	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 12:17	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 12:17	1
Vinyl acetate	ND		10		ug/L			11/01/13 12:17	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 12:17	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 12:17	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 12:17	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/01/13 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130		11/01/13 12:17	1

TestAmerica Pleasanton

## Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

**Client Sample ID: MP-01-3**  
**Date Collected: 10/28/13 08:32**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-2**  
**Matrix: Water**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		72 - 130		11/01/13 12:17	1
Toluene-d8 (Surr)	96		70 - 130		11/01/13 12:17	1

**Client Sample ID: MP-03-2**  
**Date Collected: 10/28/13 08:35**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-3**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 12:43	1
Acetone	ND		50		ug/L			11/01/13 12:43	1
Benzene	ND		0.50		ug/L			11/01/13 12:43	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 12:43	1
Bromobenzene	ND		1.0		ug/L			11/01/13 12:43	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 12:43	1
Bromoform	ND		1.0		ug/L			11/01/13 12:43	1
Bromomethane	ND		1.0		ug/L			11/01/13 12:43	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 12:43	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 12:43	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 12:43	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 12:43	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 12:43	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 12:43	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 12:43	1
Chloroethane	ND		1.0		ug/L			11/01/13 12:43	1
Chloroform	ND		1.0		ug/L			11/01/13 12:43	1
Chloromethane	ND		1.0		ug/L			11/01/13 12:43	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 12:43	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 12:43	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 12:43	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 12:43	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 12:43	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 12:43	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 12:43	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 12:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 12:43	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 12:43	1
Dibromomethane	ND		0.50		ug/L			11/01/13 12:43	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 12:43	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 12:43	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 12:43	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 12:43	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 12:43	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 12:43	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 12:43	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 12:43	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 12:43	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 12:43	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 12:43	1
2-Hexanone	ND		50		ug/L			11/01/13 12:43	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 12:43	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

**Client Sample ID: MP-03-2**

**Date Collected: 10/28/13 08:35**

**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 12:43	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 12:43	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 12:43	1
Naphthalene	ND		1.0		ug/L			11/01/13 12:43	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 12:43	1
Styrene	ND		0.50		ug/L			11/01/13 12:43	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 12:43	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 12:43	1
Tetrachloroethene	ND		0.50		ug/L			11/01/13 12:43	1
Toluene	ND		0.50		ug/L			11/01/13 12:43	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 12:43	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 12:43	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 12:43	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 12:43	1
Trichloroethene	ND		0.50		ug/L			11/01/13 12:43	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 12:43	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 12:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 12:43	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 12:43	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 12:43	1
Vinyl acetate	ND		10		ug/L			11/01/13 12:43	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 12:43	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 12:43	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 12:43	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/01/13 12:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130		11/01/13 12:43	1
1,2-Dichloroethane-d4 (Surr)	113		72 - 130		11/01/13 12:43	1
Toluene-d8 (Surr)	97		70 - 130		11/01/13 12:43	1

**Client Sample ID: MP-01-2**

**Date Collected: 10/28/13 09:23**

**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 13:09	1
Acetone	ND		50		ug/L			11/01/13 13:09	1
Benzene	ND		0.50		ug/L			11/01/13 13:09	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 13:09	1
Bromobenzene	ND		1.0		ug/L			11/01/13 13:09	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 13:09	1
Bromoform	ND		1.0		ug/L			11/01/13 13:09	1
Bromomethane	ND		1.0		ug/L			11/01/13 13:09	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 13:09	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 13:09	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 13:09	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 13:09	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 13:09	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 13:09	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

**Client Sample ID: MP-01-2**  
**Date Collected: 10/28/13 09:23**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-4**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			11/01/13 13:09	1
Chloroethane	ND		1.0		ug/L			11/01/13 13:09	1
Chloroform	ND		1.0		ug/L			11/01/13 13:09	1
Chloromethane	ND		1.0		ug/L			11/01/13 13:09	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 13:09	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 13:09	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 13:09	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 13:09	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 13:09	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 13:09	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 13:09	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 13:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 13:09	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 13:09	1
Dibromomethane	ND		0.50		ug/L			11/01/13 13:09	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 13:09	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 13:09	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 13:09	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 13:09	1
<b>cis-1,2-Dichloroethene</b>	<b>14</b>		0.50		ug/L			11/01/13 13:09	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 13:09	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 13:09	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 13:09	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 13:09	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 13:09	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 13:09	1
2-Hexanone	ND		50		ug/L			11/01/13 13:09	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 13:09	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 13:09	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 13:09	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 13:09	1
Naphthalene	ND		1.0		ug/L			11/01/13 13:09	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 13:09	1
Styrene	ND		0.50		ug/L			11/01/13 13:09	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 13:09	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 13:09	1
Tetrachloroethene	ND		0.50		ug/L			11/01/13 13:09	1
Toluene	ND		0.50		ug/L			11/01/13 13:09	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 13:09	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 13:09	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 13:09	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 13:09	1
Trichloroethene	ND		0.50		ug/L			11/01/13 13:09	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 13:09	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 13:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 13:09	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 13:09	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 13:09	1
Vinyl acetate	ND		10		ug/L			11/01/13 13:09	1

TestAmerica Pleasanton

## Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

**Client Sample ID: MP-01-2**

**Date Collected: 10/28/13 09:23**

**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			11/01/13 13:09	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 13:09	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 13:09	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/01/13 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		67 - 130		11/01/13 13:09	1
1,2-Dichloroethane-d4 (Surr)	114		72 - 130		11/01/13 13:09	1
Toluene-d8 (Surr)	99		70 - 130		11/01/13 13:09	1

**Client Sample ID: MP-01-1**

**Date Collected: 10/28/13 10:19**

**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 13:35	1
Acetone	ND		50		ug/L			11/01/13 13:35	1
Benzene	ND		0.50		ug/L			11/01/13 13:35	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 13:35	1
Bromobenzene	ND		1.0		ug/L			11/01/13 13:35	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 13:35	1
Bromoform	ND		1.0		ug/L			11/01/13 13:35	1
Bromomethane	ND		1.0		ug/L			11/01/13 13:35	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 13:35	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 13:35	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 13:35	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 13:35	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 13:35	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 13:35	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 13:35	1
Chloroethane	ND		1.0		ug/L			11/01/13 13:35	1
Chloroform	ND		1.0		ug/L			11/01/13 13:35	1
Chloromethane	ND		1.0		ug/L			11/01/13 13:35	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 13:35	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 13:35	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 13:35	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 13:35	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 13:35	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 13:35	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 13:35	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 13:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 13:35	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 13:35	1
Dibromomethane	ND		0.50		ug/L			11/01/13 13:35	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 13:35	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 13:35	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 13:35	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 13:35	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 13:35	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 13:35	1

TestAmerica Pleasanton

# Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

TestAmerica Job ID: 720-53382-1

Project/Site: Crown Chevrolet

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

**Client Sample ID: MP-01-1**

**Date Collected: 10/28/13 10:19**

**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 13:35	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 13:35	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 13:35	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 13:35	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 13:35	1
2-Hexanone	ND		50		ug/L			11/01/13 13:35	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 13:35	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 13:35	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 13:35	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 13:35	1
Naphthalene	ND		1.0		ug/L			11/01/13 13:35	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 13:35	1
Styrene	ND		0.50		ug/L			11/01/13 13:35	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 13:35	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 13:35	1
<b>Tetrachloroethene</b>	<b>140</b>		0.50		ug/L			11/01/13 13:35	1
Toluene	ND		0.50		ug/L			11/01/13 13:35	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 13:35	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 13:35	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 13:35	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 13:35	1
<b>Trichloroethene</b>	<b>5.1</b>		0.50		ug/L			11/01/13 13:35	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 13:35	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 13:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 13:35	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 13:35	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 13:35	1
Vinyl acetate	ND		10		ug/L			11/01/13 13:35	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 13:35	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 13:35	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 13:35	1
<b>Gasoline Range Organics (GRO)</b>	<b>120</b>	<b>R</b>	50		ug/L			11/01/13 13:35	1
<b>-C5-C12</b>									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130		11/01/13 13:35	1
1,2-Dichloroethane-d4 (Surr)	112		72 - 130		11/01/13 13:35	1
Toluene-d8 (Surr)	96		70 - 130		11/01/13 13:35	1

**Client Sample ID: MP-03-1**

**Date Collected: 10/28/13 11:00**

**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 14:01	1
Acetone	ND		50		ug/L			11/01/13 14:01	1
Benzene	ND		0.50		ug/L			11/01/13 14:01	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 14:01	1
Bromobenzene	ND		1.0		ug/L			11/01/13 14:01	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 14:01	1
Bromoform	ND		1.0		ug/L			11/01/13 14:01	1

TestAmerica Pleasanton



# Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

Client Sample ID: MP-03-1

Lab Sample ID: 720-53382-6

Date Collected: 10/28/13 11:00

Matrix: Water

Date Received: 10/28/13 17:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			11/01/13 14:01	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 14:01	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 14:01	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 14:01	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 14:01	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 14:01	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 14:01	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 14:01	1
Chloroethane	ND		1.0		ug/L			11/01/13 14:01	1
Chloroform	ND		1.0		ug/L			11/01/13 14:01	1
Chloromethane	ND		1.0		ug/L			11/01/13 14:01	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 14:01	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 14:01	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 14:01	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 14:01	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 14:01	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 14:01	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 14:01	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 14:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 14:01	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 14:01	1
Dibromomethane	ND		0.50		ug/L			11/01/13 14:01	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 14:01	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 14:01	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 14:01	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 14:01	1
<b>cis-1,2-Dichloroethene</b>	<b>0.64</b>		0.50		ug/L			11/01/13 14:01	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 14:01	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 14:01	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 14:01	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 14:01	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 14:01	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 14:01	1
2-Hexanone	ND		50		ug/L			11/01/13 14:01	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 14:01	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 14:01	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 14:01	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 14:01	1
Naphthalene	ND		1.0		ug/L			11/01/13 14:01	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 14:01	1
Styrene	ND		0.50		ug/L			11/01/13 14:01	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 14:01	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 14:01	1
<b>Tetrachloroethene</b>	<b>120</b>		0.50		ug/L			11/01/13 14:01	1
Toluene	ND		0.50		ug/L			11/01/13 14:01	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 14:01	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 14:01	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 14:01	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 14:01	1

TestAmerica Pleasanton

## Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

Client Sample ID: MP-03-1

Date Collected: 10/28/13 11:00

Date Received: 10/28/13 17:12

Lab Sample ID: 720-53382-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	12		0.50		ug/L			11/01/13 14:01	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 14:01	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 14:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 14:01	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 14:01	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 14:01	1
Vinyl acetate	ND		10		ug/L			11/01/13 14:01	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 14:01	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 14:01	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 14:01	1
Gasoline Range Organics (GRO) -C5-C12	150	R	50		ug/L			11/01/13 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130		11/01/13 14:01	1
1,2-Dichloroethane-d4 (Surr)	115		72 - 130		11/01/13 14:01	1
Toluene-d8 (Surr)	96		70 - 130		11/01/13 14:01	1

Client Sample ID: MW-02

Date Collected: 10/28/13 11:40

Date Received: 10/28/13 17:12

Lab Sample ID: 720-53382-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 14:27	1
Acetone	ND		50		ug/L			11/01/13 14:27	1
Benzene	ND		0.50		ug/L			11/01/13 14:27	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 14:27	1
Bromobenzene	ND		1.0		ug/L			11/01/13 14:27	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 14:27	1
Bromoform	ND		1.0		ug/L			11/01/13 14:27	1
Bromomethane	ND		1.0		ug/L			11/01/13 14:27	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 14:27	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 14:27	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 14:27	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 14:27	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 14:27	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 14:27	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 14:27	1
Chloroethane	ND		1.0		ug/L			11/01/13 14:27	1
Chloroform	ND		1.0		ug/L			11/01/13 14:27	1
Chloromethane	ND		1.0		ug/L			11/01/13 14:27	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 14:27	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 14:27	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 14:27	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 14:27	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 14:27	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 14:27	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 14:27	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 14:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 14:27	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 14:27	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

Client Sample ID: MW-02  
 Date Collected: 10/28/13 11:40  
 Date Received: 10/28/13 17:12

Lab Sample ID: 720-53382-7  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			11/01/13 14:27	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 14:27	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 14:27	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 14:27	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 14:27	1
<b>cis-1,2-Dichloroethene</b>	<b>0.58</b>		0.50		ug/L			11/01/13 14:27	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 14:27	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 14:27	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 14:27	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 14:27	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 14:27	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 14:27	1
2-Hexanone	ND		50		ug/L			11/01/13 14:27	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 14:27	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 14:27	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 14:27	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 14:27	1
Naphthalene	ND		1.0		ug/L			11/01/13 14:27	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 14:27	1
Styrene	ND		0.50		ug/L			11/01/13 14:27	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 14:27	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 14:27	1
<b>Tetrachloroethene</b>	<b>10</b>		0.50		ug/L			11/01/13 14:27	1
Toluene	ND		0.50		ug/L			11/01/13 14:27	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 14:27	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 14:27	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 14:27	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 14:27	1
<b>Trichloroethene</b>	<b>6.6</b>		0.50		ug/L			11/01/13 14:27	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 14:27	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 14:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 14:27	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 14:27	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 14:27	1
Vinyl acetate	ND		10		ug/L			11/01/13 14:27	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 14:27	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 14:27	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 14:27	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/01/13 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130		11/01/13 14:27	1
1,2-Dichloroethane-d4 (Surr)	114		72 - 130		11/01/13 14:27	1
Toluene-d8 (Surr)	96		70 - 130		11/01/13 14:27	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53382-1

Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MP-02-1  
 Date Collected: 10/28/13 12:50  
 Date Received: 10/28/13 17:12

Lab Sample ID: 720-53382-8  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 14:53	1
Acetone	ND		50		ug/L			11/01/13 14:53	1
Benzene	ND		0.50		ug/L			11/01/13 14:53	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 14:53	1
Bromobenzene	ND		1.0		ug/L			11/01/13 14:53	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 14:53	1
Bromoform	ND		1.0		ug/L			11/01/13 14:53	1
Bromomethane	ND		1.0		ug/L			11/01/13 14:53	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 14:53	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 14:53	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 14:53	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 14:53	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 14:53	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 14:53	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 14:53	1
Chloroethane	ND		1.0		ug/L			11/01/13 14:53	1
Chloroform	ND		1.0		ug/L			11/01/13 14:53	1
Chloromethane	ND		1.0		ug/L			11/01/13 14:53	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 14:53	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 14:53	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 14:53	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 14:53	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 14:53	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 14:53	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 14:53	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 14:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 14:53	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 14:53	1
Dibromomethane	ND		0.50		ug/L			11/01/13 14:53	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 14:53	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 14:53	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 14:53	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 14:53	1
<b>cis-1,2-Dichloroethene</b>	<b>5.9</b>		0.50		ug/L			11/01/13 14:53	1
<b>trans-1,2-Dichloroethene</b>	<b>0.92</b>		0.50		ug/L			11/01/13 14:53	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 14:53	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 14:53	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 14:53	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 14:53	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 14:53	1
2-Hexanone	ND		50		ug/L			11/01/13 14:53	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 14:53	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 14:53	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 14:53	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 14:53	1
Naphthalene	ND		1.0		ug/L			11/01/13 14:53	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 14:53	1
Styrene	ND		0.50		ug/L			11/01/13 14:53	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 14:53	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53382-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Client Sample ID: MP-02-1**  
**Date Collected: 10/28/13 12:50**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-8**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 14:53	1
<b>Tetrachloroethene</b>	<b>0.53</b>		0.50		ug/L			11/01/13 14:53	1
Toluene	ND		0.50		ug/L			11/01/13 14:53	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 14:53	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 14:53	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 14:53	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 14:53	1
<b>Trichloroethene</b>	<b>56</b>		0.50		ug/L			11/01/13 14:53	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 14:53	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 14:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 14:53	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 14:53	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 14:53	1
Vinyl acetate	ND		10		ug/L			11/01/13 14:53	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 14:53	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 14:53	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 14:53	1
<b>Gasoline Range Organics (GRO)</b>	<b>70</b>	<b>R</b>	50		ug/L			11/01/13 14:53	1
<b>-C5-C12</b>									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		67 - 130		11/01/13 14:53	1
1,2-Dichloroethane-d4 (Surr)	112		72 - 130		11/01/13 14:53	1
Toluene-d8 (Surr)	98		70 - 130		11/01/13 14:53	1

**Client Sample ID: MW-01**  
**Date Collected: 10/28/13 13:25**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-9**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0		ug/L			11/01/13 15:18	2
Acetone	ND		100		ug/L			11/01/13 15:18	2
Benzene	ND		1.0		ug/L			11/01/13 15:18	2
Dichlorobromomethane	ND		1.0		ug/L			11/01/13 15:18	2
Bromobenzene	ND		2.0		ug/L			11/01/13 15:18	2
Chlorobromomethane	ND		2.0		ug/L			11/01/13 15:18	2
Bromoform	ND		2.0		ug/L			11/01/13 15:18	2
Bromomethane	ND		2.0		ug/L			11/01/13 15:18	2
2-Butanone (MEK)	ND		100		ug/L			11/01/13 15:18	2
n-Butylbenzene	ND		2.0		ug/L			11/01/13 15:18	2
sec-Butylbenzene	ND		2.0		ug/L			11/01/13 15:18	2
tert-Butylbenzene	ND		2.0		ug/L			11/01/13 15:18	2
Carbon disulfide	ND		10		ug/L			11/01/13 15:18	2
Carbon tetrachloride	ND		1.0		ug/L			11/01/13 15:18	2
Chlorobenzene	ND		1.0		ug/L			11/01/13 15:18	2
Chloroethane	ND		2.0		ug/L			11/01/13 15:18	2
Chloroform	ND		2.0		ug/L			11/01/13 15:18	2
Chloromethane	ND		2.0		ug/L			11/01/13 15:18	2
2-Chlorotoluene	ND		1.0		ug/L			11/01/13 15:18	2
4-Chlorotoluene	ND		1.0		ug/L			11/01/13 15:18	2
Chlorodibromomethane	ND		1.0		ug/L			11/01/13 15:18	2

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

Client Sample ID: MW-01  
 Date Collected: 10/28/13 13:25  
 Date Received: 10/28/13 17:12

Lab Sample ID: 720-53382-9  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0		ug/L			11/01/13 15:18	2
1,3-Dichlorobenzene	ND		1.0		ug/L			11/01/13 15:18	2
1,4-Dichlorobenzene	ND		1.0		ug/L			11/01/13 15:18	2
1,3-Dichloropropane	ND		2.0		ug/L			11/01/13 15:18	2
1,1-Dichloropropene	ND		1.0		ug/L			11/01/13 15:18	2
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			11/01/13 15:18	2
Ethylene Dibromide	ND		1.0		ug/L			11/01/13 15:18	2
Dibromomethane	ND		1.0		ug/L			11/01/13 15:18	2
Dichlorodifluoromethane	ND		1.0		ug/L			11/01/13 15:18	2
1,1-Dichloroethane	ND		1.0		ug/L			11/01/13 15:18	2
1,2-Dichloroethane	ND		1.0		ug/L			11/01/13 15:18	2
1,1-Dichloroethene	ND		1.0		ug/L			11/01/13 15:18	2
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/01/13 15:18	2
trans-1,2-Dichloroethene	ND		1.0		ug/L			11/01/13 15:18	2
1,2-Dichloropropane	ND		1.0		ug/L			11/01/13 15:18	2
cis-1,3-Dichloropropene	ND		1.0		ug/L			11/01/13 15:18	2
trans-1,3-Dichloropropene	ND		1.0		ug/L			11/01/13 15:18	2
Ethylbenzene	ND		1.0		ug/L			11/01/13 15:18	2
Hexachlorobutadiene	ND		2.0		ug/L			11/01/13 15:18	2
2-Hexanone	ND		100		ug/L			11/01/13 15:18	2
Isopropylbenzene	ND		1.0		ug/L			11/01/13 15:18	2
4-Isopropyltoluene	ND		2.0		ug/L			11/01/13 15:18	2
Methylene Chloride	ND		10		ug/L			11/01/13 15:18	2
4-Methyl-2-pentanone (MIBK)	ND		100		ug/L			11/01/13 15:18	2
Naphthalene	ND		2.0		ug/L			11/01/13 15:18	2
N-Propylbenzene	ND		2.0		ug/L			11/01/13 15:18	2
Styrene	ND		1.0		ug/L			11/01/13 15:18	2
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			11/01/13 15:18	2
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			11/01/13 15:18	2
<b>Tetrachloroethene</b>	<b>150</b>		1.0		ug/L			11/01/13 15:18	2
Toluene	ND		1.0		ug/L			11/01/13 15:18	2
1,2,3-Trichlorobenzene	ND		2.0		ug/L			11/01/13 15:18	2
1,2,4-Trichlorobenzene	ND		2.0		ug/L			11/01/13 15:18	2
1,1,1-Trichloroethane	ND		1.0		ug/L			11/01/13 15:18	2
1,1,2-Trichloroethane	ND		1.0		ug/L			11/01/13 15:18	2
<b>Trichloroethene</b>	<b>1.9</b>		1.0		ug/L			11/01/13 15:18	2
Trichlorofluoromethane	ND		2.0		ug/L			11/01/13 15:18	2
1,2,3-Trichloropropane	ND		1.0		ug/L			11/01/13 15:18	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			11/01/13 15:18	2
1,2,4-Trimethylbenzene	ND		1.0		ug/L			11/01/13 15:18	2
1,3,5-Trimethylbenzene	ND		1.0		ug/L			11/01/13 15:18	2
Vinyl acetate	ND		20		ug/L			11/01/13 15:18	2
Vinyl chloride	ND		1.0		ug/L			11/01/13 15:18	2
Xylenes, Total	ND		2.0		ug/L			11/01/13 15:18	2
2,2-Dichloropropane	ND		1.0		ug/L			11/01/13 15:18	2
<b>Gasoline Range Organics (GRO)</b>	<b>150</b>	<b>R</b>	100		ug/L			11/01/13 15:18	2
<b>-C5-C12</b>									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		67 - 130		11/01/13 15:18	2

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53382-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Client Sample ID: MW-01**  
**Date Collected: 10/28/13 13:25**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-9**  
**Matrix: Water**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		72 - 130		11/01/13 15:18	2
Toluene-d8 (Surr)	96		70 - 130		11/01/13 15:18	2

**Client Sample ID: MW-03**  
**Date Collected: 10/28/13 14:50**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53382-10**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/31/13 23:10	1
Acetone	ND		50		ug/L			10/31/13 23:10	1
Benzene	ND		0.50		ug/L			10/31/13 23:10	1
Dichlorobromomethane	ND		0.50		ug/L			10/31/13 23:10	1
Bromobenzene	ND		1.0		ug/L			10/31/13 23:10	1
Chlorobromomethane	ND		1.0		ug/L			10/31/13 23:10	1
Bromoform	ND		1.0		ug/L			10/31/13 23:10	1
Bromomethane	ND		1.0		ug/L			10/31/13 23:10	1
2-Butanone (MEK)	ND		50		ug/L			10/31/13 23:10	1
n-Butylbenzene	ND		1.0		ug/L			10/31/13 23:10	1
sec-Butylbenzene	ND		1.0		ug/L			10/31/13 23:10	1
tert-Butylbenzene	ND		1.0		ug/L			10/31/13 23:10	1
Carbon disulfide	ND		5.0		ug/L			10/31/13 23:10	1
Carbon tetrachloride	ND		0.50		ug/L			10/31/13 23:10	1
<b>Chlorobenzene</b>	<b>0.96</b>		0.50		ug/L			10/31/13 23:10	1
Chloroethane	ND		1.0		ug/L			10/31/13 23:10	1
Chloroform	ND		1.0		ug/L			10/31/13 23:10	1
Chloromethane	ND		1.0		ug/L			10/31/13 23:10	1
2-Chlorotoluene	ND		0.50		ug/L			10/31/13 23:10	1
4-Chlorotoluene	ND		0.50		ug/L			10/31/13 23:10	1
Chlorodibromomethane	ND		0.50		ug/L			10/31/13 23:10	1
<b>1,2-Dichlorobenzene</b>	<b>1.6</b>		0.50		ug/L			10/31/13 23:10	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/31/13 23:10	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/31/13 23:10	1
1,3-Dichloropropane	ND		1.0		ug/L			10/31/13 23:10	1
1,1-Dichloropropene	ND		0.50		ug/L			10/31/13 23:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/31/13 23:10	1
Ethylene Dibromide	ND		0.50		ug/L			10/31/13 23:10	1
Dibromomethane	ND		0.50		ug/L			10/31/13 23:10	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/31/13 23:10	1
1,1-Dichloroethane	ND		0.50		ug/L			10/31/13 23:10	1
1,2-Dichloroethane	ND		0.50		ug/L			10/31/13 23:10	1
1,1-Dichloroethene	ND		0.50		ug/L			10/31/13 23:10	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/31/13 23:10	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/31/13 23:10	1
1,2-Dichloropropane	ND		0.50		ug/L			10/31/13 23:10	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/31/13 23:10	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/31/13 23:10	1
Ethylbenzene	ND		0.50		ug/L			10/31/13 23:10	1
Hexachlorobutadiene	ND		1.0		ug/L			10/31/13 23:10	1
2-Hexanone	ND		50		ug/L			10/31/13 23:10	1
Isopropylbenzene	ND		0.50		ug/L			10/31/13 23:10	1

TestAmerica Pleasanton

## Client Sample Results

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

TestAmerica Job ID: 720-53382-1

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

Client Sample ID: MW-03  
 Date Collected: 10/28/13 14:50  
 Date Received: 10/28/13 17:12

Lab Sample ID: 720-53382-10  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			10/31/13 23:10	1
Methylene Chloride	ND		5.0		ug/L			10/31/13 23:10	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/31/13 23:10	1
Naphthalene	ND		1.0		ug/L			10/31/13 23:10	1
N-Propylbenzene	ND		1.0		ug/L			10/31/13 23:10	1
Styrene	ND		0.50		ug/L			10/31/13 23:10	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/31/13 23:10	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/31/13 23:10	1
<b>Tetrachloroethene</b>	<b>6.9</b>		0.50		ug/L			10/31/13 23:10	1
Toluene	ND		0.50		ug/L			10/31/13 23:10	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/31/13 23:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/31/13 23:10	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/31/13 23:10	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/31/13 23:10	1
<b>Trichloroethene</b>	<b>0.63</b>		0.50		ug/L			10/31/13 23:10	1
Trichlorofluoromethane	ND		1.0		ug/L			10/31/13 23:10	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/31/13 23:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/31/13 23:10	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/31/13 23:10	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/31/13 23:10	1
Vinyl acetate	ND		10		ug/L			10/31/13 23:10	1
Vinyl chloride	ND		0.50		ug/L			10/31/13 23:10	1
Xylenes, Total	ND		1.0		ug/L			10/31/13 23:10	1
2,2-Dichloropropane	ND		0.50		ug/L			10/31/13 23:10	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/31/13 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		67 - 130		10/31/13 23:10	1
1,2-Dichloroethane-d4 (Surr)	107		72 - 130		10/31/13 23:10	1
Toluene-d8 (Surr)	98		70 - 130		10/31/13 23:10	1

TestAmerica Pleasanton



# QC Sample Results

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

TestAmerica Job ID: 720-53382-1

Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-147489/4

Matrix: Water

Analysis Batch: 147489

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			10/31/13 19:16	1
Acetone	ND		50		ug/L			10/31/13 19:16	1
Benzene	ND		0.50		ug/L			10/31/13 19:16	1
Dichlorobromomethane	ND		0.50		ug/L			10/31/13 19:16	1
Bromobenzene	ND		1.0		ug/L			10/31/13 19:16	1
Chlorobromomethane	ND		1.0		ug/L			10/31/13 19:16	1
Bromoform	ND		1.0		ug/L			10/31/13 19:16	1
Bromomethane	ND		1.0		ug/L			10/31/13 19:16	1
2-Butanone (MEK)	ND		50		ug/L			10/31/13 19:16	1
n-Butylbenzene	ND		1.0		ug/L			10/31/13 19:16	1
sec-Butylbenzene	ND		1.0		ug/L			10/31/13 19:16	1
tert-Butylbenzene	ND		1.0		ug/L			10/31/13 19:16	1
Carbon disulfide	ND		5.0		ug/L			10/31/13 19:16	1
Carbon tetrachloride	ND		0.50		ug/L			10/31/13 19:16	1
Chlorobenzene	ND		0.50		ug/L			10/31/13 19:16	1
Chloroethane	ND		1.0		ug/L			10/31/13 19:16	1
Chloroform	ND		1.0		ug/L			10/31/13 19:16	1
Chloromethane	ND		1.0		ug/L			10/31/13 19:16	1
2-Chlorotoluene	ND		0.50		ug/L			10/31/13 19:16	1
4-Chlorotoluene	ND		0.50		ug/L			10/31/13 19:16	1
Chlorodibromomethane	ND		0.50		ug/L			10/31/13 19:16	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/31/13 19:16	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/31/13 19:16	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/31/13 19:16	1
1,3-Dichloropropane	ND		1.0		ug/L			10/31/13 19:16	1
1,1-Dichloropropene	ND		0.50		ug/L			10/31/13 19:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/31/13 19:16	1
Ethylene Dibromide	ND		0.50		ug/L			10/31/13 19:16	1
Dibromomethane	ND		0.50		ug/L			10/31/13 19:16	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/31/13 19:16	1
1,1-Dichloroethane	ND		0.50		ug/L			10/31/13 19:16	1
1,2-Dichloroethane	ND		0.50		ug/L			10/31/13 19:16	1
1,1-Dichloroethene	ND		0.50		ug/L			10/31/13 19:16	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/31/13 19:16	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/31/13 19:16	1
1,2-Dichloropropane	ND		0.50		ug/L			10/31/13 19:16	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/31/13 19:16	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/31/13 19:16	1
Ethylbenzene	ND		0.50		ug/L			10/31/13 19:16	1
Hexachlorobutadiene	ND		1.0		ug/L			10/31/13 19:16	1
2-Hexanone	ND		50		ug/L			10/31/13 19:16	1
Isopropylbenzene	ND		0.50		ug/L			10/31/13 19:16	1
4-Isopropyltoluene	ND		1.0		ug/L			10/31/13 19:16	1
Methylene Chloride	ND		5.0		ug/L			10/31/13 19:16	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/31/13 19:16	1
Naphthalene	ND		1.0		ug/L			10/31/13 19:16	1
N-Propylbenzene	ND		1.0		ug/L			10/31/13 19:16	1
Styrene	ND		0.50		ug/L			10/31/13 19:16	1

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-147489/4  
 Matrix: Water  
 Analysis Batch: 147489

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/31/13 19:16	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/31/13 19:16	1
Tetrachloroethene	ND		0.50		ug/L			10/31/13 19:16	1
Toluene	ND		0.50		ug/L			10/31/13 19:16	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/31/13 19:16	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/31/13 19:16	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/31/13 19:16	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/31/13 19:16	1
Trichloroethene	ND		0.50		ug/L			10/31/13 19:16	1
Trichlorofluoromethane	ND		1.0		ug/L			10/31/13 19:16	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/31/13 19:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/31/13 19:16	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/31/13 19:16	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/31/13 19:16	1
Vinyl acetate	ND		10		ug/L			10/31/13 19:16	1
Vinyl chloride	ND		0.50		ug/L			10/31/13 19:16	1
Xylenes, Total	ND		1.0		ug/L			10/31/13 19:16	1
2,2-Dichloropropane	ND		0.50		ug/L			10/31/13 19:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			10/31/13 19:16	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	94		67 - 130		10/31/13 19:16	1
1,2-Dichloroethane-d4 (Surr)	105		72 - 130		10/31/13 19:16	1
Toluene-d8 (Surr)	96		70 - 130		10/31/13 19:16	1

Lab Sample ID: LCS 720-147489/5  
 Matrix: Water  
 Analysis Batch: 147489

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	27.3		ug/L		109	62 - 130
Acetone	125	114		ug/L		91	26 - 180
Benzene	25.0	23.9		ug/L		96	79 - 130
Dichlorobromomethane	25.0	26.6		ug/L		106	70 - 130
Bromobenzene	25.0	24.6		ug/L		99	70 - 130
Chlorobromomethane	25.0	26.0		ug/L		104	70 - 130
Bromoform	25.0	28.9		ug/L		116	68 - 136
Bromomethane	25.0	28.4		ug/L		113	43 - 151
2-Butanone (MEK)	125	140		ug/L		112	54 - 130
n-Butylbenzene	25.0	25.2		ug/L		101	70 - 142
sec-Butylbenzene	25.0	25.0		ug/L		100	70 - 134
tert-Butylbenzene	25.0	25.3		ug/L		101	70 - 135
Carbon disulfide	25.0	27.6		ug/L		110	58 - 130
Carbon tetrachloride	25.0	31.4		ug/L		126	70 - 146
Chlorobenzene	25.0	24.9		ug/L		100	70 - 130
Chloroethane	25.0	25.3		ug/L		101	62 - 138
Chloroform	25.0	26.5		ug/L		106	70 - 130

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-147489/5

Matrix: Water

Analysis Batch: 147489

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	25.0	22.8		ug/L		91	52 - 175
2-Chlorotoluene	25.0	24.6		ug/L		98	70 - 130
4-Chlorotoluene	25.0	24.1		ug/L		96	70 - 130
Chlorodibromomethane	25.0	28.0		ug/L		112	70 - 145
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	70 - 130
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,3-Dichloropropane	25.0	25.0		ug/L		100	70 - 130
1,1-Dichloropropene	25.0	28.3		ug/L		113	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.0		ug/L		108	70 - 136
Ethylene Dibromide	25.0	27.0		ug/L		108	70 - 130
Dibromomethane	25.0	27.2		ug/L		109	70 - 130
Dichlorodifluoromethane	25.0	24.4		ug/L		97	34 - 132
1,1-Dichloroethane	25.0	25.2		ug/L		101	70 - 130
1,2-Dichloroethane	25.0	27.1		ug/L		109	61 - 132
1,1-Dichloroethene	25.0	25.2		ug/L		101	64 - 128
cis-1,2-Dichloroethene	25.0	25.9		ug/L		103	70 - 130
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	68 - 130
1,2-Dichloropropane	25.0	22.6		ug/L		90	70 - 130
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	70 - 130
trans-1,3-Dichloropropene	25.0	27.5		ug/L		110	70 - 140
Ethylbenzene	25.0	25.6		ug/L		102	80 - 120
Hexachlorobutadiene	25.0	24.9		ug/L		99	70 - 130
2-Hexanone	125	120		ug/L		96	60 - 164
Isopropylbenzene	25.0	26.8		ug/L		107	70 - 130
4-Isopropyltoluene	25.0	25.3		ug/L		101	70 - 130
Methylene Chloride	25.0	23.6		ug/L		95	70 - 147
4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	58 - 130
Naphthalene	25.0	24.0		ug/L		96	70 - 130
N-Propylbenzene	25.0	24.5		ug/L		98	70 - 130
Styrene	25.0	25.9		ug/L		104	70 - 130
1,1,1,2-Tetrachloroethane	25.0	26.2		ug/L		105	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	70 - 130
Tetrachloroethene	25.0	28.1		ug/L		113	70 - 130
Toluene	25.0	25.5		ug/L		102	78 - 120
1,2,3-Trichlorobenzene	25.0	22.8		ug/L		91	70 - 130
1,2,4-Trichlorobenzene	25.0	23.6		ug/L		94	70 - 130
1,1,1-Trichloroethane	25.0	31.4		ug/L		125	70 - 130
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	70 - 130
Trichloroethene	25.0	26.1		ug/L		104	70 - 130
Trichlorofluoromethane	25.0	31.3		ug/L		125	66 - 132
1,2,3-Trichloropropane	25.0	26.6		ug/L		107	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.5		ug/L		114	42 - 162
1,2,4-Trimethylbenzene	25.0	24.8		ug/L		99	70 - 132
1,3,5-Trimethylbenzene	25.0	25.2		ug/L		101	70 - 130
Vinyl acetate	25.0	30.2		ug/L		121	43 - 163
Vinyl chloride	25.0	24.7		ug/L		99	54 - 135

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-147489/5

Matrix: Water

Analysis Batch: 147489

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	52.5		ug/L		105	70 - 142
o-Xylene	25.0	26.5		ug/L		106	70 - 130
2,2-Dichloropropane	25.0	30.2		ug/L		121	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: LCS 720-147489/7

Matrix: Water

Analysis Batch: 147489

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	426		ug/L		85	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	106		72 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 720-147489/6

Matrix: Water

Analysis Batch: 147489

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Methyl tert-butyl ether	25.0	26.7		ug/L		107	62 - 130	2	20
Acetone	125	114		ug/L		91	26 - 180	0	30
Benzene	25.0	24.3		ug/L		97	79 - 130	1	20
Dichlorobromomethane	25.0	25.9		ug/L		103	70 - 130	3	20
Bromobenzene	25.0	25.0		ug/L		100	70 - 130	1	20
Chlorobromomethane	25.0	25.9		ug/L		104	70 - 130	0	20
Bromoform	25.0	29.1		ug/L		116	68 - 136	1	20
Bromomethane	25.0	29.3		ug/L		117	43 - 151	3	20
2-Butanone (MEK)	125	133		ug/L		106	54 - 130	5	20
n-Butylbenzene	25.0	25.2		ug/L		101	70 - 142	0	20
sec-Butylbenzene	25.0	25.4		ug/L		102	70 - 134	2	20
tert-Butylbenzene	25.0	25.9		ug/L		103	70 - 135	2	20
Carbon disulfide	25.0	28.5		ug/L		114	58 - 130	3	20
Carbon tetrachloride	25.0	31.6		ug/L		127	70 - 146	1	20
Chlorobenzene	25.0	25.1		ug/L		100	70 - 130	1	20
Chloroethane	25.0	26.0		ug/L		104	62 - 138	3	20
Chloroform	25.0	26.2		ug/L		105	70 - 130	1	20
Chloromethane	25.0	23.7		ug/L		95	52 - 175	4	20
2-Chlorotoluene	25.0	25.5		ug/L		102	70 - 130	4	20
4-Chlorotoluene	25.0	24.9		ug/L		100	70 - 130	3	20
Chlorodibromomethane	25.0	28.1		ug/L		112	70 - 145	1	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

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

Lab Sample ID: LCSD 720-147489/6

Matrix: Water

Analysis Batch: 147489

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Added	Result	Qualifier				Limits		Limit
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	70 - 130	2	20
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130	0	20
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130	0	20
1,3-Dichloropropane	25.0	25.1		ug/L		100	70 - 130	0	20
1,1-Dichloropropene	25.0	28.0		ug/L		112	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	26.6		ug/L		106	70 - 136	1	20
Ethylene Dibromide	25.0	27.1		ug/L		108	70 - 130	0	20
Dibromomethane	25.0	27.1		ug/L		108	70 - 130	1	20
Dichlorodifluoromethane	25.0	25.2		ug/L		101	34 - 132	3	20
1,1-Dichloroethane	25.0	25.3		ug/L		101	70 - 130	1	20
1,2-Dichloroethane	25.0	27.0		ug/L		108	61 - 132	1	20
1,1-Dichloroethene	25.0	25.9		ug/L		104	64 - 128	3	20
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	68 - 130	0	20
1,2-Dichloropropane	25.0	22.5		ug/L		90	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	25.8		ug/L		103	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	27.4		ug/L		109	70 - 140	0	20
Ethylbenzene	25.0	26.0		ug/L		104	80 - 120	1	20
Hexachlorobutadiene	25.0	24.8		ug/L		99	70 - 130	0	20
2-Hexanone	125	115		ug/L		92	60 - 164	4	20
Isopropylbenzene	25.0	27.4		ug/L		110	70 - 130	2	20
4-Isopropyltoluene	25.0	25.5		ug/L		102	70 - 130	1	20
Methylene Chloride	25.0	24.4		ug/L		97	70 - 147	3	20
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	58 - 130	4	20
Naphthalene	25.0	24.0		ug/L		96	70 - 130	0	20
N-Propylbenzene	25.0	25.2		ug/L		101	70 - 130	3	20
Styrene	25.0	26.4		ug/L		105	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	26.7		ug/L		107	70 - 130	2	20
1,1,1,2,2-Tetrachloroethane	25.0	23.4		ug/L		93	70 - 130	1	20
Tetrachloroethene	25.0	28.2		ug/L		113	70 - 130	0	20
Toluene	25.0	25.3		ug/L		101	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	22.9		ug/L		92	70 - 130	0	20
1,2,4-Trichlorobenzene	25.0	23.8		ug/L		95	70 - 130	1	20
1,1,1-Trichloroethane	25.0	31.5		ug/L		126	70 - 130	0	20
1,1,2-Trichloroethane	25.0	24.7		ug/L		99	70 - 130	1	20
Trichloroethene	25.0	25.9		ug/L		104	70 - 130	1	20
Trichlorofluoromethane	25.0	32.1		ug/L		128	66 - 132	2	20
1,2,3-Trichloropropane	25.0	26.8		ug/L		107	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.6		ug/L		118	42 - 162	4	20
1,2,4-Trimethylbenzene	25.0	25.3		ug/L		101	70 - 132	2	20
1,3,5-Trimethylbenzene	25.0	25.8		ug/L		103	70 - 130	2	20
Vinyl acetate	25.0	29.9		ug/L		120	43 - 163	1	20
Vinyl chloride	25.0	25.5		ug/L		102	54 - 135	3	20
m-Xylene & p-Xylene	50.0	52.6		ug/L		105	70 - 142	0	20
o-Xylene	25.0	27.0		ug/L		108	70 - 130	2	20
2,2-Dichloropropane	25.0	30.4		ug/L		122	70 - 140	1	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-53382-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID:** LCSD 720-147489/6  
**Matrix:** Water  
**Analysis Batch:** 147489

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

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130
Toluene-d8 (Surr)	98		70 - 130

**Lab Sample ID:** LCSD 720-147489/8  
**Matrix:** Water  
**Analysis Batch:** 147489

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

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO) -C5-C12	500	433		ug/L		87	62 - 120	2	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	96		67 - 130
1,2-Dichloroethane-d4 (Surr)	103		72 - 130
Toluene-d8 (Surr)	97		70 - 130

**Lab Sample ID:** 720-53382-10 MS  
**Matrix:** Water  
**Analysis Batch:** 147489

**Client Sample ID:** MW-03  
**Prep Type:** Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Methyl tert-butyl ether	ND		25.0	28.4		ug/L		114	60 - 138
Acetone	ND		125	105		ug/L		84	60 - 140
Benzene	ND		25.0	24.8		ug/L		99	60 - 140
Dichlorobromomethane	ND		25.0	27.9		ug/L		112	60 - 140
Bromobenzene	ND		25.0	24.5		ug/L		98	60 - 140
Chlorobromomethane	ND		25.0	27.2		ug/L		109	60 - 140
Bromoform	ND		25.0	28.7		ug/L		115	56 - 140
Bromomethane	ND		25.0	27.9		ug/L		112	23 - 140
2-Butanone (MEK)	ND		125	133		ug/L		107	60 - 140
n-Butylbenzene	ND		25.0	24.7		ug/L		99	60 - 140
sec-Butylbenzene	ND		25.0	23.9		ug/L		95	60 - 140
tert-Butylbenzene	ND		25.0	24.1		ug/L		96	60 - 140
Carbon disulfide	ND		25.0	29.1		ug/L		116	38 - 140
Carbon tetrachloride	ND		25.0	31.2		ug/L		125	60 - 140
Chlorobenzene	0.96		25.0	26.2		ug/L		101	60 - 140
Chloroethane	ND		25.0	25.5		ug/L		102	51 - 140
Chloroform	ND		25.0	27.6		ug/L		110	60 - 140
Chloromethane	ND		25.0	22.4		ug/L		90	52 - 140
2-Chlorotoluene	ND		25.0	24.4		ug/L		98	60 - 140
4-Chlorotoluene	ND		25.0	24.3		ug/L		97	60 - 140
Chlorodibromomethane	ND		25.0	29.5		ug/L		118	60 - 140
1,2-Dichlorobenzene	1.6		25.0	26.0		ug/L		98	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140
1,3-Dichloropropane	ND		25.0	26.5		ug/L		106	60 - 140
1,1-Dichloropropene	ND		25.0	27.8		ug/L		111	60 - 140

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-53382-10 MS

Matrix: Water

Analysis Batch: 147489

Client Sample ID: MW-03

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
1,2-Dibromo-3-Chloropropane	ND		25.0	23.8		ug/L		95	60 - 140
Ethylene Dibromide	ND		25.0	27.9		ug/L		112	60 - 140
Dibromomethane	ND		25.0	28.2		ug/L		113	60 - 140
Dichlorodifluoromethane	ND		25.0	24.8		ug/L		99	38 - 140
1,1-Dichloroethane	ND		25.0	25.9		ug/L		104	60 - 140
1,2-Dichloroethane	ND		25.0	28.6		ug/L		114	60 - 140
1,1-Dichloroethene	ND		25.0	25.1		ug/L		100	60 - 140
cis-1,2-Dichloroethene	ND		25.0	27.4		ug/L		108	60 - 140
trans-1,2-Dichloroethene	ND		25.0	25.0		ug/L		100	60 - 140
1,2-Dichloropropane	ND		25.0	23.8		ug/L		95	60 - 140
cis-1,3-Dichloropropene	ND		25.0	27.2		ug/L		109	60 - 140
trans-1,3-Dichloropropene	ND		25.0	28.7		ug/L		115	60 - 140
Ethylbenzene	ND		25.0	25.5		ug/L		102	60 - 140
Hexachlorobutadiene	ND		25.0	23.9		ug/L		96	60 - 140
2-Hexanone	ND		125	111		ug/L		89	60 - 140
Isopropylbenzene	ND		25.0	26.5		ug/L		106	60 - 140
4-Isopropyltoluene	ND		25.0	24.6		ug/L		98	60 - 140
Methylene Chloride	ND		25.0	23.3		ug/L		93	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	114		ug/L		91	58 - 130
Naphthalene	ND		25.0	22.8		ug/L		91	56 - 140
N-Propylbenzene	ND		25.0	23.9		ug/L		96	60 - 140
Styrene	ND		25.0	26.3		ug/L		105	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	26.8		ug/L		107	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	22.0		ug/L		88	60 - 140
Tetrachloroethene	6.9		25.0	35.7		ug/L		115	60 - 140
Toluene	ND		25.0	25.0		ug/L		100	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	22.8		ug/L		91	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	24.4		ug/L		98	60 - 140
1,1,1-Trichloroethane	ND		25.0	31.5		ug/L		126	60 - 140
1,1,2-Trichloroethane	ND		25.0	26.0		ug/L		104	60 - 140
Trichloroethene	0.63		25.0	27.2		ug/L		106	60 - 140
Trichlorofluoromethane	ND		25.0	32.4		ug/L		130	60 - 140
1,2,3-Trichloropropane	ND		25.0	24.8		ug/L		99	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.3		ug/L		113	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	24.7		ug/L		99	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	24.8		ug/L		99	60 - 140
Vinyl acetate	ND		25.0	32.8		ug/L		131	40 - 140
Vinyl chloride	ND		25.0	24.5		ug/L		98	58 - 140
m-Xylene & p-Xylene	ND		50.0	52.2		ug/L		104	60 - 140
o-Xylene	ND		25.0	26.8		ug/L		107	60 - 140
2,2-Dichloropropane	ND		25.0	29.7		ug/L		119	60 - 140

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	100		67 - 130
1,2-Dichloroethane-d4 (Surr)	103		72 - 130
Toluene-d8 (Surr)	97		70 - 130

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-53382-10 MSD

Matrix: Water

Analysis Batch: 147489

Client Sample ID: MW-03

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Methyl tert-butyl ether	ND		25.0	28.4		ug/L		113	60 - 138	0	20
Acetone	ND		125	103		ug/L		83	60 - 140	2	20
Benzene	ND		25.0	24.8		ug/L		99	60 - 140	0	20
Dichlorobromomethane	ND		25.0	28.2		ug/L		113	60 - 140	1	20
Bromobenzene	ND		25.0	25.2		ug/L		101	60 - 140	3	20
Chlorobromomethane	ND		25.0	27.4		ug/L		110	60 - 140	1	20
Bromoform	ND		25.0	28.7		ug/L		115	56 - 140	0	20
Bromomethane	ND		25.0	27.1		ug/L		108	23 - 140	3	20
2-Butanone (MEK)	ND		125	128		ug/L		103	60 - 140	4	20
n-Butylbenzene	ND		25.0	24.7		ug/L		99	60 - 140	0	20
sec-Butylbenzene	ND		25.0	24.0		ug/L		96	60 - 140	1	20
tert-Butylbenzene	ND		25.0	24.6		ug/L		98	60 - 140	2	20
Carbon disulfide	ND		25.0	27.9		ug/L		112	38 - 140	4	20
Carbon tetrachloride	ND		25.0	31.3		ug/L		125	60 - 140	0	20
Chlorobenzene	0.96		25.0	26.1		ug/L		101	60 - 140	1	20
Chloroethane	ND		25.0	25.2		ug/L		101	51 - 140	1	20
Chloroform	ND		25.0	27.5		ug/L		110	60 - 140	1	20
Chloromethane	ND		25.0	21.4		ug/L		86	52 - 140	5	20
2-Chlorotoluene	ND		25.0	24.9		ug/L		100	60 - 140	2	20
4-Chlorotoluene	ND		25.0	24.8		ug/L		99	60 - 140	2	20
Chlorodibromomethane	ND		25.0	29.3		ug/L		117	60 - 140	0	20
1,2-Dichlorobenzene	1.6		25.0	25.7		ug/L		96	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	25.5		ug/L		102	60 - 140	2	20
1,4-Dichlorobenzene	ND		25.0	25.9		ug/L		104	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	26.2		ug/L		105	60 - 140	1	20
1,1-Dichloropropene	ND		25.0	28.0		ug/L		112	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	23.8		ug/L		95	60 - 140	0	20
Ethylene Dibromide	ND		25.0	28.4		ug/L		114	60 - 140	2	20
Dibromomethane	ND		25.0	28.1		ug/L		112	60 - 140	1	20
Dichlorodifluoromethane	ND		25.0	24.3		ug/L		97	38 - 140	2	20
1,1-Dichloroethane	ND		25.0	25.8		ug/L		103	60 - 140	0	20
1,2-Dichloroethane	ND		25.0	28.5		ug/L		114	60 - 140	0	20
1,1-Dichloroethene	ND		25.0	24.5		ug/L		98	60 - 140	2	20
cis-1,2-Dichloroethene	ND		25.0	27.2		ug/L		107	60 - 140	1	20
trans-1,2-Dichloroethene	ND		25.0	24.9		ug/L		100	60 - 140	0	20
1,2-Dichloropropane	ND		25.0	23.8		ug/L		95	60 - 140	0	20
cis-1,3-Dichloropropene	ND		25.0	27.2		ug/L		109	60 - 140	0	20
trans-1,3-Dichloropropene	ND		25.0	29.0		ug/L		116	60 - 140	1	20
Ethylbenzene	ND		25.0	25.4		ug/L		102	60 - 140	0	20
Hexachlorobutadiene	ND		25.0	23.5		ug/L		94	60 - 140	2	20
2-Hexanone	ND		125	107		ug/L		85	60 - 140	4	20
Isopropylbenzene	ND		25.0	26.5		ug/L		106	60 - 140	0	20
4-Isopropyltoluene	ND		25.0	24.7		ug/L		99	60 - 140	1	20
Methylene Chloride	ND		25.0	23.2		ug/L		93	40 - 140	0	20
4-Methyl-2-pentanone (MIBK)	ND		125	110		ug/L		88	58 - 130	3	20
Naphthalene	ND		25.0	22.8		ug/L		91	56 - 140	0	20
N-Propylbenzene	ND		25.0	24.2		ug/L		97	60 - 140	1	20
Styrene	ND		25.0	26.3		ug/L		105	60 - 140	0	20

TestAmerica Pleasanton



## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-53382-10 MSD

Matrix: Water

Analysis Batch: 147489

Client Sample ID: MW-03

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
1,1,1,2-Tetrachloroethane	ND		25.0	26.9		ug/L		107	60 - 140	0	20
1,1,2,2-Tetrachloroethane	ND		25.0	22.4		ug/L		90	60 - 140	2	20
Tetrachloroethene	6.9		25.0	33.7		ug/L		107	60 - 140	6	20
Toluene	ND		25.0	25.2		ug/L		101	60 - 140	1	20
1,2,3-Trichlorobenzene	ND		25.0	22.8		ug/L		91	60 - 140	0	20
1,2,4-Trichlorobenzene	ND		25.0	24.4		ug/L		98	60 - 140	0	20
1,1,1-Trichloroethane	ND		25.0	31.4		ug/L		126	60 - 140	0	20
1,1,2-Trichloroethane	ND		25.0	26.4		ug/L		106	60 - 140	2	20
Trichloroethene	0.63		25.0	26.6		ug/L		104	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	31.4		ug/L		126	60 - 140	3	20
1,2,3-Trichloropropane	ND		25.0	25.1		ug/L		100	60 - 140	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	27.9		ug/L		112	60 - 140	1	20
1,2,4-Trimethylbenzene	ND		25.0	24.9		ug/L		100	60 - 140	1	20
1,3,5-Trimethylbenzene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
Vinyl acetate	ND		25.0	32.7		ug/L		131	40 - 140	0	20
Vinyl chloride	ND		25.0	23.8		ug/L		95	58 - 140	3	20
m-Xylene & p-Xylene	ND		50.0	52.5		ug/L		105	60 - 140	0	20
o-Xylene	ND		25.0	26.9		ug/L		108	60 - 140	1	20
2,2-Dichloropropane	ND		25.0	30.0		ug/L		120	60 - 140	1	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	102		72 - 130
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: MB 720-147530/4

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 09:15	1
Acetone	ND		50		ug/L			11/01/13 09:15	1
Benzene	ND		0.50		ug/L			11/01/13 09:15	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 09:15	1
Bromobenzene	ND		1.0		ug/L			11/01/13 09:15	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 09:15	1
Bromoform	ND		1.0		ug/L			11/01/13 09:15	1
Bromomethane	ND		1.0		ug/L			11/01/13 09:15	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 09:15	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 09:15	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 09:15	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 09:15	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 09:15	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 09:15	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 09:15	1
Chloroethane	ND		1.0		ug/L			11/01/13 09:15	1
Chloroform	ND		1.0		ug/L			11/01/13 09:15	1

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-147530/4  
 Matrix: Water  
 Analysis Batch: 147530

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloromethane	ND		1.0		ug/L			11/01/13 09:15	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 09:15	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 09:15	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 09:15	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 09:15	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 09:15	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 09:15	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 09:15	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 09:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 09:15	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 09:15	1
Dibromomethane	ND		0.50		ug/L			11/01/13 09:15	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 09:15	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 09:15	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 09:15	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 09:15	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 09:15	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 09:15	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 09:15	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 09:15	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 09:15	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 09:15	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 09:15	1
2-Hexanone	ND		50		ug/L			11/01/13 09:15	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 09:15	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 09:15	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 09:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 09:15	1
Naphthalene	ND		1.0		ug/L			11/01/13 09:15	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 09:15	1
Styrene	ND		0.50		ug/L			11/01/13 09:15	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 09:15	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 09:15	1
Tetrachloroethene	ND		0.50		ug/L			11/01/13 09:15	1
Toluene	ND		0.50		ug/L			11/01/13 09:15	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 09:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 09:15	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 09:15	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 09:15	1
Trichloroethene	ND		0.50		ug/L			11/01/13 09:15	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 09:15	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 09:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 09:15	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 09:15	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 09:15	1
Vinyl acetate	ND		10		ug/L			11/01/13 09:15	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 09:15	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 09:15	1

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-147530/4

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 09:15	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/01/13 09:15	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	97		67 - 130		11/01/13 09:15	1
1,2-Dichloroethane-d4 (Surr)	102		72 - 130		11/01/13 09:15	1
Toluene-d8 (Surr)	96		70 - 130		11/01/13 09:15	1

Lab Sample ID: LCS 720-147530/5

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Methyl tert-butyl ether	25.0	26.8		ug/L		107	62 - 130
Acetone	125	122		ug/L		98	26 - 180
Benzene	25.0	24.2		ug/L		97	79 - 130
Dichlorobromomethane	25.0	25.6		ug/L		102	70 - 130
Bromobenzene	25.0	21.8		ug/L		87	70 - 130
Chlorobromomethane	25.0	25.5		ug/L		102	70 - 130
Bromoform	25.0	27.9		ug/L		111	68 - 136
Bromomethane	25.0	28.2		ug/L		113	43 - 151
2-Butanone (MEK)	125	144		ug/L		115	54 - 130
n-Butylbenzene	25.0	22.9		ug/L		92	70 - 142
sec-Butylbenzene	25.0	22.4		ug/L		90	70 - 134
tert-Butylbenzene	25.0	22.4		ug/L		90	70 - 135
Carbon disulfide	25.0	28.4		ug/L		114	58 - 130
Carbon tetrachloride	25.0	32.0		ug/L		128	70 - 146
Chlorobenzene	25.0	24.1		ug/L		96	70 - 130
Chloroethane	25.0	24.9		ug/L		100	62 - 138
Chloroform	25.0	26.6		ug/L		106	70 - 130
Chloromethane	25.0	22.7		ug/L		91	52 - 175
2-Chlorotoluene	25.0	22.1		ug/L		88	70 - 130
4-Chlorotoluene	25.0	21.7		ug/L		87	70 - 130
Chlorodibromomethane	25.0	27.5		ug/L		110	70 - 145
1,2-Dichlorobenzene	25.0	21.2		ug/L		85	70 - 130
1,3-Dichlorobenzene	25.0	22.1		ug/L		88	70 - 130
1,4-Dichlorobenzene	25.0	22.5		ug/L		90	70 - 130
1,3-Dichloropropane	25.0	24.5		ug/L		98	70 - 130
1,1-Dichloropropene	25.0	29.1		ug/L		116	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	23.6		ug/L		95	70 - 136
Ethylene Dibromide	25.0	27.3		ug/L		109	70 - 130
Dibromomethane	25.0	26.6		ug/L		106	70 - 130
Dichlorodifluoromethane	25.0	24.8		ug/L		99	34 - 132
1,1-Dichloroethane	25.0	25.3		ug/L		101	70 - 130
1,2-Dichloroethane	25.0	27.1		ug/L		108	61 - 132
1,1-Dichloroethene	25.0	25.1		ug/L		100	64 - 128
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	70 - 130

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-147530/5

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	68 - 130
1,2-Dichloropropane	25.0	22.2		ug/L		89	70 - 130
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	70 - 130
trans-1,3-Dichloropropene	25.0	27.4		ug/L		110	70 - 140
Ethylbenzene	25.0	25.1		ug/L		101	80 - 120
Hexachlorobutadiene	25.0	22.1		ug/L		88	70 - 130
2-Hexanone	125	117		ug/L		93	60 - 164
Isopropylbenzene	25.0	25.9		ug/L		104	70 - 130
4-Isopropyltoluene	25.0	22.8		ug/L		91	70 - 130
Methylene Chloride	25.0	21.1		ug/L		85	70 - 147
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	58 - 130
Naphthalene	25.0	21.1		ug/L		85	70 - 130
N-Propylbenzene	25.0	22.3		ug/L		89	70 - 130
Styrene	25.0	24.7		ug/L		99	70 - 130
1,1,1,2-Tetrachloroethane	25.0	25.1		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	25.0	20.7		ug/L		83	70 - 130
Tetrachloroethene	25.0	28.4		ug/L		114	70 - 130
Toluene	25.0	24.8		ug/L		99	78 - 120
1,2,3-Trichlorobenzene	25.0	19.8		ug/L		79	70 - 130
1,2,4-Trichlorobenzene	25.0	21.0		ug/L		84	70 - 130
1,1,1-Trichloroethane	25.0	31.4		ug/L		126	70 - 130
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	70 - 130
Trichloroethene	25.0	26.0		ug/L		104	70 - 130
Trichlorofluoromethane	25.0	31.8		ug/L		127	66 - 132
1,2,3-Trichloropropane	25.0	23.6		ug/L		95	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.8		ug/L		115	42 - 162
1,2,4-Trimethylbenzene	25.0	22.2		ug/L		89	70 - 132
1,3,5-Trimethylbenzene	25.0	22.6		ug/L		90	70 - 130
Vinyl acetate	25.0	31.0		ug/L		124	43 - 163
Vinyl chloride	25.0	24.8		ug/L		99	54 - 135
m-Xylene & p-Xylene	50.0	51.1		ug/L		102	70 - 142
o-Xylene	25.0	25.5		ug/L		102	70 - 130
2,2-Dichloropropane	25.0	32.4		ug/L		129	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	96		72 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCS 720-147530/7

Matrix: Water

Analysis Batch: 147530

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	435		ug/L		87	62 - 120

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-147530/7

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	103		72 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 720-147530/6

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec.		RPD	Limit
		Result	Qualifier				Limits	RPD		
Methyl tert-butyl ether	25.0	26.7		ug/L		107	62 - 130	0	20	
Acetone	125	121		ug/L		97	26 - 180	1	30	
Benzene	25.0	24.2		ug/L		97	79 - 130	0	20	
Dichlorobromomethane	25.0	26.6		ug/L		106	70 - 130	4	20	
Bromobenzene	25.0	24.1		ug/L		97	70 - 130	10	20	
Chlorobromomethane	25.0	25.8		ug/L		103	70 - 130	1	20	
Bromoform	25.0	28.0		ug/L		112	68 - 136	0	20	
Bromomethane	25.0	28.8		ug/L		115	43 - 151	2	20	
2-Butanone (MEK)	125	146		ug/L		116	54 - 130	1	20	
n-Butylbenzene	25.0	25.0		ug/L		100	70 - 142	9	20	
sec-Butylbenzene	25.0	24.6		ug/L		99	70 - 134	10	20	
tert-Butylbenzene	25.0	24.8		ug/L		99	70 - 135	10	20	
Carbon disulfide	25.0	28.3		ug/L		113	58 - 130	0	20	
Carbon tetrachloride	25.0	31.6		ug/L		126	70 - 146	1	20	
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130	2	20	
Chloroethane	25.0	25.1		ug/L		100	62 - 138	1	20	
Chloroform	25.0	26.4		ug/L		106	70 - 130	1	20	
Chloromethane	25.0	23.2		ug/L		93	52 - 175	2	20	
2-Chlorotoluene	25.0	24.6		ug/L		99	70 - 130	11	20	
4-Chlorotoluene	25.0	24.0		ug/L		96	70 - 130	10	20	
Chlorodibromomethane	25.0	27.9		ug/L		112	70 - 145	2	20	
1,2-Dichlorobenzene	25.0	23.4		ug/L		93	70 - 130	10	20	
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	70 - 130	9	20	
1,4-Dichlorobenzene	25.0	24.4		ug/L		98	70 - 130	8	20	
1,3-Dichloropropane	25.0	25.6		ug/L		103	70 - 130	5	20	
1,1-Dichloropropene	25.0	28.6		ug/L		115	70 - 130	1	20	
1,2-Dibromo-3-Chloropropane	25.0	26.8		ug/L		107	70 - 136	13	20	
Ethylene Dibromide	25.0	27.7		ug/L		111	70 - 130	2	20	
Dibromomethane	25.0	27.3		ug/L		109	70 - 130	3	20	
Dichlorodifluoromethane	25.0	24.0		ug/L		96	34 - 132	3	20	
1,1-Dichloroethane	25.0	25.1		ug/L		100	70 - 130	1	20	
1,2-Dichloroethane	25.0	27.1		ug/L		109	61 - 132	0	20	
1,1-Dichloroethene	25.0	25.6		ug/L		102	64 - 128	2	20	
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	70 - 130	1	20	
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	68 - 130	2	20	
1,2-Dichloropropane	25.0	22.4		ug/L		90	70 - 130	1	20	
cis-1,3-Dichloropropene	25.0	25.7		ug/L		103	70 - 130	0	20	
trans-1,3-Dichloropropene	25.0	27.5		ug/L		110	70 - 140	0	20	
Ethylbenzene	25.0	25.5		ug/L		102	80 - 120	2	20	

TestAmerica Pleasanton

## QC Sample Results

Client: AMEC Environment & Infrastructure, Inc.

TestAmerica Job ID: 720-53382-1

Project/Site: Crown Chevrolet

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-147530/6

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 147530

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	25.0	24.0		ug/L		96	70 - 130	8	20
2-Hexanone	125	118		ug/L		95	60 - 164	1	20
Isopropylbenzene	25.0	26.5		ug/L		106	70 - 130	2	20
4-Isopropyltoluene	25.0	25.0		ug/L		100	70 - 130	9	20
Methylene Chloride	25.0	20.9		ug/L		83	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	58 - 130	1	20
Naphthalene	25.0	23.2		ug/L		93	70 - 130	9	20
N-Propylbenzene	25.0	24.7		ug/L		99	70 - 130	10	20
Styrene	25.0	25.3		ug/L		101	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	25.6		ug/L		102	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		92	70 - 130	10	20
Tetrachloroethene	25.0	28.6		ug/L		114	70 - 130	0	20
Toluene	25.0	25.0		ug/L		100	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	21.8		ug/L		87	70 - 130	9	20
1,2,4-Trichlorobenzene	25.0	22.7		ug/L		91	70 - 130	8	20
1,1,1-Trichloroethane	25.0	31.5		ug/L		126	70 - 130	0	20
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	70 - 130	2	20
Trichloroethene	25.0	25.9		ug/L		104	70 - 130	0	20
Trichlorofluoromethane	25.0	31.6		ug/L		126	66 - 132	1	20
1,2,3-Trichloropropane	25.0	26.5		ug/L		106	70 - 130	12	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.8		ug/L		115	42 - 162	0	20
1,2,4-Trimethylbenzene	25.0	24.3		ug/L		97	70 - 132	9	20
1,3,5-Trimethylbenzene	25.0	24.8		ug/L		99	70 - 130	9	20
Vinyl acetate	25.0	30.4		ug/L		122	43 - 163	2	20
Vinyl chloride	25.0	25.1		ug/L		100	54 - 135	1	20
m-Xylene & p-Xylene	50.0	52.1		ug/L		104	70 - 142	2	20
o-Xylene	25.0	26.0		ug/L		104	70 - 130	2	20
2,2-Dichloropropane	25.0	31.5		ug/L		126	70 - 140	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	96		67 - 130
1,2-Dichloroethane-d4 (Surr)	99		72 - 130
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: LCSD 720-147530/8

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 147530

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	500	434		ug/L		87	62 - 120	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	105		72 - 130
Toluene-d8 (Surr)	98		70 - 130

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-53334-B-6 MS

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Methyl tert-butyl ether	ND		25.0	32.6		ug/L		130	60 - 138
Acetone	ND		125	130		ug/L		104	60 - 140
Benzene	ND		25.0	26.7		ug/L		107	60 - 140
Dichlorobromomethane	ND		25.0	31.8		ug/L		127	60 - 140
Bromobenzene	ND		25.0	26.0		ug/L		104	60 - 140
Chlorobromomethane	ND		25.0	30.6		ug/L		122	60 - 140
Bromoform	ND		25.0	31.3		ug/L		125	56 - 140
Bromomethane	ND		25.0	29.6		ug/L		118	23 - 140
2-Butanone (MEK)	ND		125	148		ug/L		118	60 - 140
n-Butylbenzene	ND		25.0	24.0		ug/L		96	60 - 140
sec-Butylbenzene	ND		25.0	24.1		ug/L		96	60 - 140
tert-Butylbenzene	ND		25.0	24.9		ug/L		100	60 - 140
Carbon disulfide	ND		25.0	31.3		ug/L		125	38 - 140
Carbon tetrachloride	ND		25.0	34.7		ug/L		139	60 - 140
Chlorobenzene	ND		25.0	26.7		ug/L		107	60 - 140
Chloroethane	ND		25.0	28.2		ug/L		113	51 - 140
Chloroform	ND		25.0	31.0		ug/L		122	60 - 140
Chloromethane	ND		25.0	24.1		ug/L		96	52 - 140
2-Chlorotoluene	ND		25.0	25.0		ug/L		100	60 - 140
4-Chlorotoluene	ND		25.0	24.6		ug/L		99	60 - 140
Chlorodibromomethane	ND		25.0	33.2		ug/L		133	60 - 140
1,2-Dichlorobenzene	ND		25.0	24.6		ug/L		98	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140
1,3-Dichloropropane	ND		25.0	30.4		ug/L		122	60 - 140
1,1-Dichloropropene	ND		25.0	30.4		ug/L		122	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	26.9		ug/L		108	60 - 140
Ethylene Dibromide	ND		25.0	32.5		ug/L		130	60 - 140
Dibromomethane	ND		25.0	32.4		ug/L		130	60 - 140
Dichlorodifluoromethane	ND		25.0	27.0		ug/L		108	38 - 140
1,1-Dichloroethane	ND		25.0	28.5		ug/L		113	60 - 140
1,2-Dichloroethane	ND		25.0	32.9		ug/L		131	60 - 140
1,1-Dichloroethene	0.76		25.0	27.6		ug/L		107	60 - 140
cis-1,2-Dichloroethene	5.4		25.0	35.6		ug/L		121	60 - 140
trans-1,2-Dichloroethene	ND		25.0	27.0		ug/L		108	60 - 140
1,2-Dichloropropane	ND		25.0	26.0		ug/L		104	60 - 140
cis-1,3-Dichloropropene	ND		25.0	29.8		ug/L		119	60 - 140
trans-1,3-Dichloropropene	ND		25.0	32.0		ug/L		128	60 - 140
Ethylbenzene	ND		25.0	26.5		ug/L		106	60 - 140
Hexachlorobutadiene	ND		25.0	23.6		ug/L		94	60 - 140
2-Hexanone	ND		125	137		ug/L		110	60 - 140
Isopropylbenzene	ND		25.0	27.7		ug/L		111	60 - 140
4-Isopropyltoluene	ND		25.0	24.6		ug/L		98	60 - 140
Methylene Chloride	ND		25.0	24.8		ug/L		99	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	141		ug/L		113	58 - 130
Naphthalene	ND		25.0	24.1		ug/L		97	56 - 140
N-Propylbenzene	ND		25.0	24.3		ug/L		97	60 - 140
Styrene	ND		25.0	26.8		ug/L		107	60 - 140

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-53334-B-6 MS

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,1,2-Tetrachloroethane	ND		25.0	28.6		ug/L		115	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	60 - 140
Tetrachloroethene	ND		25.0	30.7		ug/L		123	60 - 140
Toluene	ND		25.0	26.3		ug/L		105	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	22.9		ug/L		92	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	23.5		ug/L		94	60 - 140
1,1,1-Trichloroethane	0.98		25.0	36.6	F	ug/L		142	60 - 140
1,1,2-Trichloroethane	ND		25.0	29.7		ug/L		119	60 - 140
Trichloroethene	44		25.0	77.4		ug/L		132	60 - 140
Trichlorofluoromethane	ND		25.0	35.3	F	ug/L		141	60 - 140
1,2,3-Trichloropropane	ND		25.0	27.5		ug/L		110	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2		25.0	31.6		ug/L		121	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	24.6		ug/L		98	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	25.0		ug/L		100	60 - 140
Vinyl acetate	ND		25.0	36.2	F	ug/L		145	40 - 140
Vinyl chloride	ND		25.0	25.8		ug/L		103	58 - 140
m-Xylene & p-Xylene	ND		50.0	54.6		ug/L		109	60 - 140
o-Xylene	ND		25.0	28.2		ug/L		113	60 - 140
2,2-Dichloropropane	ND		25.0	33.9		ug/L		136	60 - 140

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	110		72 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 720-53334-B-6 MSD

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		25.0	31.6		ug/L		126	60 - 138	3	20
Acetone	ND		125	123		ug/L		99	60 - 140	6	20
Benzene	ND		25.0	26.4		ug/L		106	60 - 140	1	20
Dichlorobromomethane	ND		25.0	30.4		ug/L		122	60 - 140	4	20
Bromobenzene	ND		25.0	25.1		ug/L		101	60 - 140	3	20
Chlorobromomethane	ND		25.0	29.3		ug/L		117	60 - 140	4	20
Bromoform	ND		25.0	31.4		ug/L		126	56 - 140	0	20
Bromomethane	ND		25.0	30.3		ug/L		121	23 - 140	2	20
2-Butanone (MEK)	ND		125	149		ug/L		120	60 - 140	1	20
n-Butylbenzene	ND		25.0	23.9		ug/L		96	60 - 140	0	20
sec-Butylbenzene	ND		25.0	24.0		ug/L		96	60 - 140	0	20
tert-Butylbenzene	ND		25.0	24.6		ug/L		99	60 - 140	1	20
Carbon disulfide	ND		25.0	31.0		ug/L		124	38 - 140	1	20
Carbon tetrachloride	ND		25.0	34.1		ug/L		136	60 - 140	2	20
Chlorobenzene	ND		25.0	26.4		ug/L		106	60 - 140	1	20
Chloroethane	ND		25.0	28.2		ug/L		113	51 - 140	0	20
Chloroform	ND		25.0	30.2		ug/L		119	60 - 140	3	20

TestAmerica Pleasanton



## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-53334-B-6 MSD

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Chloromethane	ND		25.0	24.3		ug/L		97	52 - 140	1	20
2-Chlorotoluene	ND		25.0	24.5		ug/L		98	60 - 140	2	20
4-Chlorotoluene	ND		25.0	24.2		ug/L		97	60 - 140	2	20
Chlorodibromomethane	ND		25.0	32.5		ug/L		130	60 - 140	2	20
1,2-Dichlorobenzene	ND		25.0	24.3		ug/L		97	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	24.6		ug/L		98	60 - 140	2	20
1,4-Dichlorobenzene	ND		25.0	25.3		ug/L		101	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	28.9		ug/L		116	60 - 140	5	20
1,1-Dichloropropene	ND		25.0	30.0		ug/L		120	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	26.4		ug/L		106	60 - 140	2	20
Ethylene Dibromide	ND		25.0	31.9		ug/L		128	60 - 140	2	20
Dibromomethane	ND		25.0	31.3		ug/L		125	60 - 140	3	20
Dichlorodifluoromethane	ND		25.0	27.1		ug/L		108	38 - 140	0	20
1,1-Dichloroethane	ND		25.0	28.0		ug/L		111	60 - 140	2	20
1,2-Dichloroethane	ND		25.0	31.6		ug/L		126	60 - 140	4	20
1,1-Dichloroethene	0.76		25.0	27.7		ug/L		108	60 - 140	1	20
cis-1,2-Dichloroethene	5.4		25.0	34.7		ug/L		117	60 - 140	3	20
trans-1,2-Dichloroethene	ND		25.0	26.5		ug/L		106	60 - 140	2	20
1,2-Dichloropropane	ND		25.0	25.5		ug/L		102	60 - 140	2	20
cis-1,3-Dichloropropene	ND		25.0	29.2		ug/L		117	60 - 140	2	20
trans-1,3-Dichloropropene	ND		25.0	31.5		ug/L		126	60 - 140	1	20
Ethylbenzene	ND		25.0	26.3		ug/L		105	60 - 140	1	20
Hexachlorobutadiene	ND		25.0	23.9		ug/L		95	60 - 140	1	20
2-Hexanone	ND		125	132		ug/L		106	60 - 140	4	20
Isopropylbenzene	ND		25.0	28.1		ug/L		112	60 - 140	1	20
4-Isopropyltoluene	ND		25.0	24.3		ug/L		97	60 - 140	1	20
Methylene Chloride	ND		25.0	25.2		ug/L		101	40 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		125	133		ug/L		107	58 - 130	6	20
Naphthalene	ND		25.0	23.8		ug/L		95	56 - 140	1	20
N-Propylbenzene	ND		25.0	24.1		ug/L		96	60 - 140	1	20
Styrene	ND		25.0	27.0		ug/L		108	60 - 140	1	20
1,1,1,2-Tetrachloroethane	ND		25.0	28.3		ug/L		113	60 - 140	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	23.4		ug/L		93	60 - 140	4	20
Tetrachloroethene	ND		25.0	30.4		ug/L		122	60 - 140	1	20
Toluene	ND		25.0	25.7		ug/L		103	60 - 140	2	20
1,2,3-Trichlorobenzene	ND		25.0	22.7		ug/L		91	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		25.0	23.7		ug/L		95	60 - 140	1	20
1,1,1-Trichloroethane	0.98		25.0	35.8		ug/L		139	60 - 140	2	20
1,1,2-Trichloroethane	ND		25.0	28.4		ug/L		114	60 - 140	4	20
Trichloroethene	44		25.0	76.3		ug/L		127	60 - 140	1	20
Trichlorofluoromethane	ND		25.0	34.8		ug/L		139	60 - 140	2	20
1,2,3-Trichloropropane	ND		25.0	27.4		ug/L		110	60 - 140	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2		25.0	32.5		ug/L		125	60 - 140	3	20
1,2,4-Trimethylbenzene	ND		25.0	24.4		ug/L		98	60 - 140	1	20
1,3,5-Trimethylbenzene	ND		25.0	24.8		ug/L		99	60 - 140	1	20
Vinyl acetate	ND		25.0	33.8		ug/L		135	40 - 140	7	20
Vinyl chloride	ND		25.0	26.6		ug/L		106	58 - 140	3	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53382-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-53334-B-6 MSD  
 Matrix: Water  
 Analysis Batch: 147530

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

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
m-Xylene & p-Xylene	ND		50.0	54.2		ug/L		108	60 - 140	1	20
o-Xylene	ND		25.0	28.1		ug/L		112	60 - 140	0	20
2,2-Dichloropropane	ND		25.0	31.9		ug/L		128	60 - 140	6	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene	104		67 - 130								
1,2-Dichloroethane-d4 (Surr)	114		72 - 130								
Toluene-d8 (Surr)	100		70 - 130								

## QC Association Summary

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

TestAmerica Job ID: 720-53382-1

### GC/MS VOA

#### Analysis Batch: 147489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-53382-1	TB-102813-1	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-10	MW-03	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-10 MS	MW-03	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-10 MSD	MW-03	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147489/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147489/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147489/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147489/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-147489/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

#### Analysis Batch: 147530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-53334-B-6 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
720-53334-B-6 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-2	MP-01-3	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-3	MP-03-2	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-4	MP-01-2	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-5	MP-01-1	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-6	MP-03-1	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-7	MW-02	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-8	MP-02-1	Total/NA	Water	8260B/CA_LUFT MS	
720-53382-9	MW-01	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147530/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147530/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147530/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147530/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-147530/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

TestAmerica Pleasanton

## Lab Chronicle

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

TestAmerica Job ID: 720-53382-1

**Client Sample ID: TB-102813-1**

**Lab Sample ID: 720-53382-1**

Date Collected: 10/28/13 08:00

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147489	10/31/13 23:36	PDR	TAL PLS

**Client Sample ID: MP-01-3**

**Lab Sample ID: 720-53382-2**

Date Collected: 10/28/13 08:32

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147530	11/01/13 12:17	PDR	TAL PLS

**Client Sample ID: MP-03-2**

**Lab Sample ID: 720-53382-3**

Date Collected: 10/28/13 08:35

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147530	11/01/13 12:43	PDR	TAL PLS

**Client Sample ID: MP-01-2**

**Lab Sample ID: 720-53382-4**

Date Collected: 10/28/13 09:23

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147530	11/01/13 13:09	PDR	TAL PLS

**Client Sample ID: MP-01-1**

**Lab Sample ID: 720-53382-5**

Date Collected: 10/28/13 10:19

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147530	11/01/13 13:35	PDR	TAL PLS

**Client Sample ID: MP-03-1**

**Lab Sample ID: 720-53382-6**

Date Collected: 10/28/13 11:00

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147530	11/01/13 14:01	PDR	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

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

TestAmerica Job ID: 720-53382-1

**Client Sample ID: MW-02**

**Lab Sample ID: 720-53382-7**

Date Collected: 10/28/13 11:40

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147530	11/01/13 14:27	PDR	TAL PLS

**Client Sample ID: MP-02-1**

**Lab Sample ID: 720-53382-8**

Date Collected: 10/28/13 12:50

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147530	11/01/13 14:53	PDR	TAL PLS

**Client Sample ID: MW-01**

**Lab Sample ID: 720-53382-9**

Date Collected: 10/28/13 13:25

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		2	147530	11/01/13 15:18	PDR	TAL PLS

**Client Sample ID: MW-03**

**Lab Sample ID: 720-53382-10**

Date Collected: 10/28/13 14:50

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147489	10/31/13 23:10	PDR	TAL PLS

**Laboratory References:**

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

## Certification Summary

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

TestAmerica Job ID: 720-53382-1

### 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: 720-53382-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTM S	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: 720-53382-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-53382-1	TB-102813-1	Water	10/28/13 08:00	10/28/13 17:12
720-53382-2	MP-01-3	Water	10/28/13 08:32	10/28/13 17:12
720-53382-3	MP-03-2	Water	10/28/13 08:35	10/28/13 17:12
720-53382-4	MP-01-2	Water	10/28/13 09:23	10/28/13 17:12
720-53382-5	MP-01-1	Water	10/28/13 10:19	10/28/13 17:12
720-53382-6	MP-03-1	Water	10/28/13 11:00	10/28/13 17:12
720-53382-7	MW-02	Water	10/28/13 11:40	10/28/13 17:12
720-53382-8	MP-02-1	Water	10/28/13 12:50	10/28/13 17:12
720-53382-9	MW-01	Water	10/28/13 13:25	10/28/13 17:12
720-53382-10	MW-03	Water	10/28/13 14:50	10/28/13 17:12



Seq. No. 1156

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

CHAIN OF CUSTODY FORM

Lab: Test America

Samplers: D. Allbut / D. Pearson



Job Number: 0D10160070.00008.A 720-53382

149669

Name/Location: 4013 Crown Chev Groundwater Monitoring

Project Manager: Avery Whitmarsh Recorder: D. Allbut  
(Signature Required)

ANALYSIS REQUESTED									

MATRIX	# CONTAINERS	DATE				STATION DESCRIPTION	DEPTH
		YR	MO	DAY	TIME		
Water	2	13	10	28	0800	TR-102813-1	
Soil	3	13	10	28	0832	MP-01-3	
Air	3	13	10	28	0835	MP-03-2	
Unpres.	3	13	10	28	0923	MP-01-2	
H2SO4	3	13	10	28	1019	MP-01-1	
HNO3	3	13	10	28	1100	MP-03-1	
HCL	3	13	10	28	1140	MW-02	
	3	13	10	28	1250	MP-02-1	
	3	13	10	28	1325	MW-01	
	9	13	10	28	1450	MW-03	

CHAIN OF CUSTODY RECORD			
Relinquished By (Signature): <u>D. Allbut</u>	(Print Name): <u>David Allbut</u>	(Company): <u>AMEC</u>	(Date/Time): <u>10/28/13 1712</u>
Received By (Signature): <u>T. Block</u>	(Print Name): <u>T. Block</u>	(Company): <u>TA</u>	(Date/Time): <u>10/28/13 1712</u>
Relinquished By (Signature):	(Print Name):	(Company):	(Date/Time):
Received By (Signature):	(Print Name):	(Company):	(Date/Time):
Relinquished By (Signature):	(Print Name):	(Company):	(Date/Time):
Received By (Signature):	(Print Name):	(Company):	(Date/Time):
Relinquished By (Signature):	(Print Name):	(Company):	(Date/Time):
Received By (Signature):	(Print Name):	(Company):	(Date/Time):
Method of Shipment: <u>2.6°C</u>			

ADDITIONAL INFORMATION

REPORT TO: Haely.young@amec.com  
Avery Whitmarsh@amec.com

PO#: C012202707

TAT: Standard

Comments: Field Filtered Y/N

Geotracker Required; Global Site ID: SL720641214

MW-03 MS/MSD

720-53382 Chain of Custody

12/6/2013

Page 47 of 48

## Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-53382-1

Login Number: 53382

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

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

TestAmerica Job ID: 720-53383-1  
Client Project/Site: Crown Chevrolet  
Revision: 1

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

Attn: Avery Patton



Authorized for release by:  
11/6/2013 5:53:20 PM

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

### LINKS

Review your project  
results through  
**Total Access**

Have a Question?

 **Ask  
The  
Expert**

Visit us at:  
[www.testamericainc.com](http://www.testamericainc.com)

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

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



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	6
QC Sample Results . . . . .	17
QC Association Summary . . . . .	42
Lab Chronicle . . . . .	44
Certification Summary . . . . .	46
Method Summary . . . . .	47
Sample Summary . . . . .	48
Chain of Custody . . . . .	49
Receipt Checklists . . . . .	50

## Definitions/Glossary

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

TestAmerica Job ID: 720-53383-1

### Glossary

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

## Case Narrative

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

TestAmerica Job ID: 720-53383-1

Job ID: 720-53383-1

Laboratory: TestAmerica Pleasanton

### Narrative

Job Narrative  
720-53383-1

### Comments

No additional comments.

### Receipt

The samples were received on 10/28/2013 5:12 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.6° C.

### GC/MS VOA

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch #147621 recovered above the upper control limit for FREON-11. 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 720-147621/3).

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 53383-2 is due to the presence of discrete peaks. <<PCE,TCE>>

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 53383-1 is due to the presence of discrete peaks. <<PCE>>

No other analytical or quality issues were noted.

## Detection Summary

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

TestAmerica Job ID: 720-53383-1

### Client Sample ID: MW-100

Lab Sample ID: 720-53383-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	150		1.0		ug/L	2		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.8		1.0		ug/L	2		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	160	R	100		ug/L	2		8260B/CA_LUFT MS	Total/NA

### Client Sample ID: MP-04-1

Lab Sample ID: 720-53383-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	31		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	24		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	65	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA

### Client Sample ID: MP-04-2

Lab Sample ID: 720-53383-3

No Detections.

### Client Sample ID: MP-02-2

Lab Sample ID: 720-53383-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.64		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	1.9		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

### Client Sample ID: MP-04-3

Lab Sample ID: 720-53383-5

No Detections.

### Client Sample ID: MP-03-3

Lab Sample ID: 720-53383-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	75		50		ug/L	1		8260B/CA_LUFT MS	Total/NA

### Client Sample ID: MP-02-3

Lab Sample ID: 720-53383-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.76		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53383-1

Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: MW-100  
 Date Collected: 10/28/13 13:30  
 Date Received: 10/28/13 17:12

Lab Sample ID: 720-53383-1  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0		ug/L			11/01/13 11:17	2
Acetone	ND		100		ug/L			11/01/13 11:17	2
Benzene	ND		1.0		ug/L			11/01/13 11:17	2
Dichlorobromomethane	ND		1.0		ug/L			11/01/13 11:17	2
Bromobenzene	ND		2.0		ug/L			11/01/13 11:17	2
Chlorobromomethane	ND		2.0		ug/L			11/01/13 11:17	2
Bromoform	ND		2.0		ug/L			11/01/13 11:17	2
Bromomethane	ND		2.0		ug/L			11/01/13 11:17	2
2-Butanone (MEK)	ND		100		ug/L			11/01/13 11:17	2
n-Butylbenzene	ND		2.0		ug/L			11/01/13 11:17	2
sec-Butylbenzene	ND		2.0		ug/L			11/01/13 11:17	2
tert-Butylbenzene	ND		2.0		ug/L			11/01/13 11:17	2
Carbon disulfide	ND		10		ug/L			11/01/13 11:17	2
Carbon tetrachloride	ND		1.0		ug/L			11/01/13 11:17	2
Chlorobenzene	ND		1.0		ug/L			11/01/13 11:17	2
Chloroethane	ND		2.0		ug/L			11/01/13 11:17	2
Chloroform	ND		2.0		ug/L			11/01/13 11:17	2
Chloromethane	ND		2.0		ug/L			11/01/13 11:17	2
2-Chlorotoluene	ND		1.0		ug/L			11/01/13 11:17	2
4-Chlorotoluene	ND		1.0		ug/L			11/01/13 11:17	2
Chlorodibromomethane	ND		1.0		ug/L			11/01/13 11:17	2
1,2-Dichlorobenzene	ND		1.0		ug/L			11/01/13 11:17	2
1,3-Dichlorobenzene	ND		1.0		ug/L			11/01/13 11:17	2
1,4-Dichlorobenzene	ND		1.0		ug/L			11/01/13 11:17	2
1,3-Dichloropropane	ND		2.0		ug/L			11/01/13 11:17	2
1,1-Dichloropropene	ND		1.0		ug/L			11/01/13 11:17	2
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			11/01/13 11:17	2
Ethylene Dibromide	ND		1.0		ug/L			11/01/13 11:17	2
Dibromomethane	ND		1.0		ug/L			11/01/13 11:17	2
Dichlorodifluoromethane	ND		1.0		ug/L			11/01/13 11:17	2
1,1-Dichloroethane	ND		1.0		ug/L			11/01/13 11:17	2
1,2-Dichloroethane	ND		1.0		ug/L			11/01/13 11:17	2
1,1-Dichloroethene	ND		1.0		ug/L			11/01/13 11:17	2
cis-1,2-Dichloroethene	ND		1.0		ug/L			11/01/13 11:17	2
trans-1,2-Dichloroethene	ND		1.0		ug/L			11/01/13 11:17	2
1,2-Dichloropropane	ND		1.0		ug/L			11/01/13 11:17	2
cis-1,3-Dichloropropene	ND		1.0		ug/L			11/01/13 11:17	2
trans-1,3-Dichloropropene	ND		1.0		ug/L			11/01/13 11:17	2
Ethylbenzene	ND		1.0		ug/L			11/01/13 11:17	2
Hexachlorobutadiene	ND		2.0		ug/L			11/01/13 11:17	2
2-Hexanone	ND		100		ug/L			11/01/13 11:17	2
Isopropylbenzene	ND		1.0		ug/L			11/01/13 11:17	2
4-Isopropyltoluene	ND		2.0		ug/L			11/01/13 11:17	2
Methylene Chloride	ND		10		ug/L			11/01/13 11:17	2
4-Methyl-2-pentanone (MIBK)	ND		100		ug/L			11/01/13 11:17	2
Naphthalene	ND		2.0		ug/L			11/01/13 11:17	2
N-Propylbenzene	ND		2.0		ug/L			11/01/13 11:17	2
Styrene	ND		1.0		ug/L			11/01/13 11:17	2
1,1,1,2-Tetrachloroethane	ND		1.0		ug/L			11/01/13 11:17	2

TestAmerica Pleasanton



## Client Sample Results

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

TestAmerica Job ID: 720-53383-1

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

**Client Sample ID: MW-100**  
**Date Collected: 10/28/13 13:30**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-1**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			11/01/13 11:17	2
<b>Tetrachloroethene</b>	<b>150</b>		1.0		ug/L			11/01/13 11:17	2
Toluene	ND		1.0		ug/L			11/01/13 11:17	2
1,2,3-Trichlorobenzene	ND		2.0		ug/L			11/01/13 11:17	2
1,2,4-Trichlorobenzene	ND		2.0		ug/L			11/01/13 11:17	2
1,1,1-Trichloroethane	ND		1.0		ug/L			11/01/13 11:17	2
1,1,2-Trichloroethane	ND		1.0		ug/L			11/01/13 11:17	2
<b>Trichloroethene</b>	<b>1.8</b>		1.0		ug/L			11/01/13 11:17	2
Trichlorofluoromethane	ND		2.0		ug/L			11/01/13 11:17	2
1,2,3-Trichloropropane	ND		1.0		ug/L			11/01/13 11:17	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			11/01/13 11:17	2
1,2,4-Trimethylbenzene	ND		1.0		ug/L			11/01/13 11:17	2
1,3,5-Trimethylbenzene	ND		1.0		ug/L			11/01/13 11:17	2
Vinyl acetate	ND		20		ug/L			11/01/13 11:17	2
Vinyl chloride	ND		1.0		ug/L			11/01/13 11:17	2
Xylenes, Total	ND		2.0		ug/L			11/01/13 11:17	2
2,2-Dichloropropane	ND		1.0		ug/L			11/01/13 11:17	2
<b>Gasoline Range Organics (GRO)</b>	<b>160</b>	<b>R</b>	100		ug/L			11/01/13 11:17	2
<b>-C5-C12</b>									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		67 - 130		11/01/13 11:17	2
1,2-Dichloroethane-d4 (Surr)	88		72 - 130		11/01/13 11:17	2
Toluene-d8 (Surr)	96		70 - 130		11/01/13 11:17	2

**Client Sample ID: MP-04-1**  
**Date Collected: 10/28/13 14:15**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-2**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 17:54	1
Acetone	ND		50		ug/L			11/01/13 17:54	1
Benzene	ND		0.50		ug/L			11/01/13 17:54	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 17:54	1
Bromobenzene	ND		1.0		ug/L			11/01/13 17:54	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 17:54	1
Bromoform	ND		1.0		ug/L			11/01/13 17:54	1
Bromomethane	ND		1.0		ug/L			11/01/13 17:54	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 17:54	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 17:54	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 17:54	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 17:54	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 17:54	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 17:54	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 17:54	1
Chloroethane	ND		1.0		ug/L			11/01/13 17:54	1
Chloroform	ND		1.0		ug/L			11/01/13 17:54	1
Chloromethane	ND		1.0		ug/L			11/01/13 17:54	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 17:54	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 17:54	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 17:54	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53383-1

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

Client Sample ID: MP-04-1  
 Date Collected: 10/28/13 14:15  
 Date Received: 10/28/13 17:12

Lab Sample ID: 720-53383-2  
 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 17:54	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 17:54	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 17:54	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 17:54	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 17:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 17:54	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 17:54	1
Dibromomethane	ND		0.50		ug/L			11/01/13 17:54	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 17:54	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 17:54	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 17:54	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 17:54	1
<b>cis-1,2-Dichloroethene</b>	<b>1.3</b>		0.50		ug/L			11/01/13 17:54	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 17:54	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 17:54	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 17:54	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 17:54	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 17:54	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 17:54	1
2-Hexanone	ND		50		ug/L			11/01/13 17:54	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 17:54	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 17:54	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 17:54	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 17:54	1
Naphthalene	ND		1.0		ug/L			11/01/13 17:54	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 17:54	1
Styrene	ND		0.50		ug/L			11/01/13 17:54	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 17:54	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 17:54	1
<b>Tetrachloroethene</b>	<b>31</b>		0.50		ug/L			11/01/13 17:54	1
Toluene	ND		0.50		ug/L			11/01/13 17:54	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 17:54	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 17:54	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 17:54	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 17:54	1
<b>Trichloroethene</b>	<b>24</b>		0.50		ug/L			11/01/13 17:54	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 17:54	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 17:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 17:54	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 17:54	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 17:54	1
Vinyl acetate	ND		10		ug/L			11/01/13 17:54	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 17:54	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 17:54	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 17:54	1
<b>Gasoline Range Organics (GRO)</b>	<b>65</b>	<b>R</b>	50		ug/L			11/01/13 17:54	1
<b>-C5-C12</b>									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		67 - 130		11/01/13 17:54	1

TestAmerica Pleasanton

## Client Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Client Sample ID: MP-04-1**  
**Date Collected: 10/28/13 14:15**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-2**  
**Matrix: Water**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		72 - 130		11/01/13 17:54	1
Toluene-d8 (Surr)	118		70 - 130		11/01/13 17:54	1

**Client Sample ID: MP-04-2**  
**Date Collected: 10/28/13 14:25**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-3**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 18:20	1
Acetone	ND		50		ug/L			11/01/13 18:20	1
Benzene	ND		0.50		ug/L			11/01/13 18:20	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 18:20	1
Bromobenzene	ND		1.0		ug/L			11/01/13 18:20	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 18:20	1
Bromoform	ND		1.0		ug/L			11/01/13 18:20	1
Bromomethane	ND		1.0		ug/L			11/01/13 18:20	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 18:20	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 18:20	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 18:20	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 18:20	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 18:20	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 18:20	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 18:20	1
Chloroethane	ND		1.0		ug/L			11/01/13 18:20	1
Chloroform	ND		1.0		ug/L			11/01/13 18:20	1
Chloromethane	ND		1.0		ug/L			11/01/13 18:20	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 18:20	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 18:20	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 18:20	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 18:20	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 18:20	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 18:20	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 18:20	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 18:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 18:20	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 18:20	1
Dibromomethane	ND		0.50		ug/L			11/01/13 18:20	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 18:20	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 18:20	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 18:20	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 18:20	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 18:20	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 18:20	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 18:20	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 18:20	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 18:20	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 18:20	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 18:20	1
2-Hexanone	ND		50		ug/L			11/01/13 18:20	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 18:20	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53383-1

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

**Client Sample ID: MP-04-2**  
**Date Collected: 10/28/13 14:25**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-3**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 18:20	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 18:20	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 18:20	1
Naphthalene	ND		1.0		ug/L			11/01/13 18:20	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 18:20	1
Styrene	ND		0.50		ug/L			11/01/13 18:20	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 18:20	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 18:20	1
Tetrachloroethene	ND		0.50		ug/L			11/01/13 18:20	1
Toluene	ND		0.50		ug/L			11/01/13 18:20	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 18:20	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 18:20	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 18:20	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 18:20	1
Trichloroethene	ND		0.50		ug/L			11/01/13 18:20	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 18:20	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 18:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 18:20	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 18:20	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 18:20	1
Vinyl acetate	ND		10		ug/L			11/01/13 18:20	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 18:20	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 18:20	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 18:20	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/01/13 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		11/01/13 18:20	1
1,2-Dichloroethane-d4 (Surr)	117		72 - 130		11/01/13 18:20	1
Toluene-d8 (Surr)	117		70 - 130		11/01/13 18:20	1

**Client Sample ID: MP-02-2**  
**Date Collected: 10/28/13 14:36**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-4**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/02/13 01:02	1
Acetone	ND		50		ug/L			11/02/13 01:02	1
Benzene	ND		0.50		ug/L			11/02/13 01:02	1
Dichlorobromomethane	ND		0.50		ug/L			11/02/13 01:02	1
Bromobenzene	ND		1.0		ug/L			11/02/13 01:02	1
Chlorobromomethane	ND		1.0		ug/L			11/02/13 01:02	1
Bromoform	ND		1.0		ug/L			11/02/13 01:02	1
Bromomethane	ND		1.0		ug/L			11/02/13 01:02	1
2-Butanone (MEK)	ND		50		ug/L			11/02/13 01:02	1
n-Butylbenzene	ND		1.0		ug/L			11/02/13 01:02	1
sec-Butylbenzene	ND		1.0		ug/L			11/02/13 01:02	1
tert-Butylbenzene	ND		1.0		ug/L			11/02/13 01:02	1
Carbon disulfide	ND		5.0		ug/L			11/02/13 01:02	1
Carbon tetrachloride	ND		0.50		ug/L			11/02/13 01:02	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53383-1

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

Client Sample ID: MP-02-2

Date Collected: 10/28/13 14:36

Date Received: 10/28/13 17:12

Lab Sample ID: 720-53383-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50		ug/L			11/02/13 01:02	1
Chloroethane	ND		1.0		ug/L			11/02/13 01:02	1
Chloroform	ND		1.0		ug/L			11/02/13 01:02	1
Chloromethane	ND		1.0		ug/L			11/02/13 01:02	1
2-Chlorotoluene	ND		0.50		ug/L			11/02/13 01:02	1
4-Chlorotoluene	ND		0.50		ug/L			11/02/13 01:02	1
Chlorodibromomethane	ND		0.50		ug/L			11/02/13 01:02	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/02/13 01:02	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/02/13 01:02	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/02/13 01:02	1
1,3-Dichloropropane	ND		1.0		ug/L			11/02/13 01:02	1
1,1-Dichloropropene	ND		0.50		ug/L			11/02/13 01:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/02/13 01:02	1
Ethylene Dibromide	ND		0.50		ug/L			11/02/13 01:02	1
Dibromomethane	ND		0.50		ug/L			11/02/13 01:02	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/02/13 01:02	1
1,1-Dichloroethane	ND		0.50		ug/L			11/02/13 01:02	1
1,2-Dichloroethane	ND		0.50		ug/L			11/02/13 01:02	1
1,1-Dichloroethene	ND		0.50		ug/L			11/02/13 01:02	1
<b>cis-1,2-Dichloroethene</b>	<b>0.64</b>		0.50		ug/L			11/02/13 01:02	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/02/13 01:02	1
1,2-Dichloropropane	ND		0.50		ug/L			11/02/13 01:02	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/02/13 01:02	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/02/13 01:02	1
Ethylbenzene	ND		0.50		ug/L			11/02/13 01:02	1
Hexachlorobutadiene	ND		1.0		ug/L			11/02/13 01:02	1
2-Hexanone	ND		50		ug/L			11/02/13 01:02	1
Isopropylbenzene	ND		0.50		ug/L			11/02/13 01:02	1
4-Isopropyltoluene	ND		1.0		ug/L			11/02/13 01:02	1
Methylene Chloride	ND		5.0		ug/L			11/02/13 01:02	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/02/13 01:02	1
Naphthalene	ND		1.0		ug/L			11/02/13 01:02	1
N-Propylbenzene	ND		1.0		ug/L			11/02/13 01:02	1
Styrene	ND		0.50		ug/L			11/02/13 01:02	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/02/13 01:02	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/02/13 01:02	1
Tetrachloroethene	ND		0.50		ug/L			11/02/13 01:02	1
Toluene	ND		0.50		ug/L			11/02/13 01:02	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/02/13 01:02	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/02/13 01:02	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/02/13 01:02	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/02/13 01:02	1
<b>Trichloroethene</b>	<b>1.9</b>		0.50		ug/L			11/02/13 01:02	1
Trichlorofluoromethane	ND		1.0		ug/L			11/02/13 01:02	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/02/13 01:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/02/13 01:02	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/02/13 01:02	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/02/13 01:02	1
Vinyl acetate	ND		10		ug/L			11/02/13 01:02	1

TestAmerica Pleasanton

## Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

TestAmerica Job ID: 720-53383-1

Project/Site: Crown Chevrolet

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

**Client Sample ID: MP-02-2**

**Date Collected: 10/28/13 14:36**

**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50		ug/L			11/02/13 01:02	1
Xylenes, Total	ND		1.0		ug/L			11/02/13 01:02	1
2,2-Dichloropropane	ND		0.50		ug/L			11/02/13 01:02	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/02/13 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		67 - 130		11/02/13 01:02	1
1,2-Dichloroethane-d4 (Surr)	113		72 - 130		11/02/13 01:02	1
Toluene-d8 (Surr)	95		70 - 130		11/02/13 01:02	1

**Client Sample ID: MP-04-3**

**Date Collected: 10/28/13 14:40**

**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/02/13 01:28	1
Acetone	ND		50		ug/L			11/02/13 01:28	1
Benzene	ND		0.50		ug/L			11/02/13 01:28	1
Dichlorobromomethane	ND		0.50		ug/L			11/02/13 01:28	1
Bromobenzene	ND		1.0		ug/L			11/02/13 01:28	1
Chlorobromomethane	ND		1.0		ug/L			11/02/13 01:28	1
Bromoform	ND		1.0		ug/L			11/02/13 01:28	1
Bromomethane	ND		1.0		ug/L			11/02/13 01:28	1
2-Butanone (MEK)	ND		50		ug/L			11/02/13 01:28	1
n-Butylbenzene	ND		1.0		ug/L			11/02/13 01:28	1
sec-Butylbenzene	ND		1.0		ug/L			11/02/13 01:28	1
tert-Butylbenzene	ND		1.0		ug/L			11/02/13 01:28	1
Carbon disulfide	ND		5.0		ug/L			11/02/13 01:28	1
Carbon tetrachloride	ND		0.50		ug/L			11/02/13 01:28	1
Chlorobenzene	ND		0.50		ug/L			11/02/13 01:28	1
Chloroethane	ND		1.0		ug/L			11/02/13 01:28	1
Chloroform	ND		1.0		ug/L			11/02/13 01:28	1
Chloromethane	ND		1.0		ug/L			11/02/13 01:28	1
2-Chlorotoluene	ND		0.50		ug/L			11/02/13 01:28	1
4-Chlorotoluene	ND		0.50		ug/L			11/02/13 01:28	1
Chlorodibromomethane	ND		0.50		ug/L			11/02/13 01:28	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/02/13 01:28	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/02/13 01:28	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/02/13 01:28	1
1,3-Dichloropropane	ND		1.0		ug/L			11/02/13 01:28	1
1,1-Dichloropropene	ND		0.50		ug/L			11/02/13 01:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/02/13 01:28	1
Ethylene Dibromide	ND		0.50		ug/L			11/02/13 01:28	1
Dibromomethane	ND		0.50		ug/L			11/02/13 01:28	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/02/13 01:28	1
1,1-Dichloroethane	ND		0.50		ug/L			11/02/13 01:28	1
1,2-Dichloroethane	ND		0.50		ug/L			11/02/13 01:28	1
1,1-Dichloroethene	ND		0.50		ug/L			11/02/13 01:28	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/02/13 01:28	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/02/13 01:28	1

TestAmerica Pleasanton

# Client Sample Results

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

TestAmerica Job ID: 720-53383-1

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

**Client Sample ID: MP-04-3**  
**Date Collected: 10/28/13 14:40**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-5**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.50		ug/L			11/02/13 01:28	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/02/13 01:28	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/02/13 01:28	1
Ethylbenzene	ND		0.50		ug/L			11/02/13 01:28	1
Hexachlorobutadiene	ND		1.0		ug/L			11/02/13 01:28	1
2-Hexanone	ND		50		ug/L			11/02/13 01:28	1
Isopropylbenzene	ND		0.50		ug/L			11/02/13 01:28	1
4-Isopropyltoluene	ND		1.0		ug/L			11/02/13 01:28	1
Methylene Chloride	ND		5.0		ug/L			11/02/13 01:28	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/02/13 01:28	1
Naphthalene	ND		1.0		ug/L			11/02/13 01:28	1
N-Propylbenzene	ND		1.0		ug/L			11/02/13 01:28	1
Styrene	ND		0.50		ug/L			11/02/13 01:28	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/02/13 01:28	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/02/13 01:28	1
Tetrachloroethene	ND		0.50		ug/L			11/02/13 01:28	1
Toluene	ND		0.50		ug/L			11/02/13 01:28	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/02/13 01:28	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/02/13 01:28	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/02/13 01:28	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/02/13 01:28	1
Trichloroethene	ND		0.50		ug/L			11/02/13 01:28	1
Trichlorofluoromethane	ND		1.0		ug/L			11/02/13 01:28	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/02/13 01:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/02/13 01:28	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/02/13 01:28	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/02/13 01:28	1
Vinyl acetate	ND		10		ug/L			11/02/13 01:28	1
Vinyl chloride	ND		0.50		ug/L			11/02/13 01:28	1
Xylenes, Total	ND		1.0		ug/L			11/02/13 01:28	1
2,2-Dichloropropane	ND		0.50		ug/L			11/02/13 01:28	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/02/13 01:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		67 - 130		11/02/13 01:28	1
1,2-Dichloroethane-d4 (Surr)	110		72 - 130		11/02/13 01:28	1
Toluene-d8 (Surr)	96		70 - 130		11/02/13 01:28	1

**Client Sample ID: MP-03-3**  
**Date Collected: 10/28/13 15:20**  
**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-6**  
**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/04/13 14:04	1
<b>Acetone</b>	<b>75</b>		50		ug/L			11/04/13 14:04	1
Benzene	ND		0.50		ug/L			11/04/13 14:04	1
Dichlorobromomethane	ND		0.50		ug/L			11/04/13 14:04	1
Bromobenzene	ND		1.0		ug/L			11/04/13 14:04	1
Chlorobromomethane	ND		1.0		ug/L			11/04/13 14:04	1
Bromoform	ND		1.0		ug/L			11/04/13 14:04	1

TestAmerica Pleasanton

# Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

TestAmerica Job ID: 720-53383-1

Project/Site: Crown Chevrolet

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

Client Sample ID: MP-03-3

Lab Sample ID: 720-53383-6

Date Collected: 10/28/13 15:20

Matrix: Water

Date Received: 10/28/13 17:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0		ug/L			11/04/13 14:04	1
2-Butanone (MEK)	ND		50		ug/L			11/04/13 14:04	1
n-Butylbenzene	ND		1.0		ug/L			11/04/13 14:04	1
sec-Butylbenzene	ND		1.0		ug/L			11/04/13 14:04	1
tert-Butylbenzene	ND		1.0		ug/L			11/04/13 14:04	1
Carbon disulfide	ND		5.0		ug/L			11/04/13 14:04	1
Carbon tetrachloride	ND		0.50		ug/L			11/04/13 14:04	1
Chlorobenzene	ND		0.50		ug/L			11/04/13 14:04	1
Chloroethane	ND		1.0		ug/L			11/04/13 14:04	1
Chloroform	ND		1.0		ug/L			11/04/13 14:04	1
Chloromethane	ND		1.0		ug/L			11/04/13 14:04	1
2-Chlorotoluene	ND		0.50		ug/L			11/04/13 14:04	1
4-Chlorotoluene	ND		0.50		ug/L			11/04/13 14:04	1
Chlorodibromomethane	ND		0.50		ug/L			11/04/13 14:04	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/04/13 14:04	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/04/13 14:04	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/04/13 14:04	1
1,3-Dichloropropane	ND		1.0		ug/L			11/04/13 14:04	1
1,1-Dichloropropene	ND		0.50		ug/L			11/04/13 14:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/04/13 14:04	1
Ethylene Dibromide	ND		0.50		ug/L			11/04/13 14:04	1
Dibromomethane	ND		0.50		ug/L			11/04/13 14:04	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/04/13 14:04	1
1,1-Dichloroethane	ND		0.50		ug/L			11/04/13 14:04	1
1,2-Dichloroethane	ND		0.50		ug/L			11/04/13 14:04	1
1,1-Dichloroethene	ND		0.50		ug/L			11/04/13 14:04	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/04/13 14:04	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/04/13 14:04	1
1,2-Dichloropropane	ND		0.50		ug/L			11/04/13 14:04	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/04/13 14:04	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/04/13 14:04	1
Ethylbenzene	ND		0.50		ug/L			11/04/13 14:04	1
Hexachlorobutadiene	ND		1.0		ug/L			11/04/13 14:04	1
2-Hexanone	ND		50		ug/L			11/04/13 14:04	1
Isopropylbenzene	ND		0.50		ug/L			11/04/13 14:04	1
4-Isopropyltoluene	ND		1.0		ug/L			11/04/13 14:04	1
Methylene Chloride	ND		5.0		ug/L			11/04/13 14:04	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/04/13 14:04	1
Naphthalene	ND		1.0		ug/L			11/04/13 14:04	1
N-Propylbenzene	ND		1.0		ug/L			11/04/13 14:04	1
Styrene	ND		0.50		ug/L			11/04/13 14:04	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/04/13 14:04	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/04/13 14:04	1
Tetrachloroethene	ND		0.50		ug/L			11/04/13 14:04	1
Toluene	ND		0.50		ug/L			11/04/13 14:04	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/04/13 14:04	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/04/13 14:04	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/04/13 14:04	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/04/13 14:04	1

TestAmerica Pleasanton



## Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

TestAmerica Job ID: 720-53383-1

Project/Site: Crown Chevrolet

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

**Client Sample ID: MP-03-3**

**Date Collected: 10/28/13 15:20**

**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			11/04/13 14:04	1
Trichlorofluoromethane	ND		1.0		ug/L			11/04/13 14:04	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/04/13 14:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/04/13 14:04	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/04/13 14:04	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/04/13 14:04	1
Vinyl acetate	ND		10		ug/L			11/04/13 14:04	1
Vinyl chloride	ND		0.50		ug/L			11/04/13 14:04	1
Xylenes, Total	ND		1.0		ug/L			11/04/13 14:04	1
2,2-Dichloropropane	ND		0.50		ug/L			11/04/13 14:04	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/04/13 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		67 - 130		11/04/13 14:04	1
1,2-Dichloroethane-d4 (Surr)	107		72 - 130		11/04/13 14:04	1
Toluene-d8 (Surr)	96		70 - 130		11/04/13 14:04	1

**Client Sample ID: MP-02-3**

**Date Collected: 10/28/13 15:32**

**Date Received: 10/28/13 17:12**

**Lab Sample ID: 720-53383-7**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			11/04/13 14:44	1
Acetone	ND		50		ug/L			11/04/13 14:44	1
Benzene	ND		0.50		ug/L			11/04/13 14:44	1
Dichlorobromomethane	ND		0.50		ug/L			11/04/13 14:44	1
Bromobenzene	ND		1.0		ug/L			11/04/13 14:44	1
Chlorobromomethane	ND		1.0		ug/L			11/04/13 14:44	1
Bromoform	ND		1.0		ug/L			11/04/13 14:44	1
Bromomethane	ND		1.0		ug/L			11/04/13 14:44	1
2-Butanone (MEK)	ND		50		ug/L			11/04/13 14:44	1
n-Butylbenzene	ND		1.0		ug/L			11/04/13 14:44	1
sec-Butylbenzene	ND		1.0		ug/L			11/04/13 14:44	1
tert-Butylbenzene	ND		1.0		ug/L			11/04/13 14:44	1
Carbon disulfide	ND		5.0		ug/L			11/04/13 14:44	1
Carbon tetrachloride	ND		0.50		ug/L			11/04/13 14:44	1
Chlorobenzene	ND		0.50		ug/L			11/04/13 14:44	1
Chloroethane	ND		1.0		ug/L			11/04/13 14:44	1
Chloroform	ND		1.0		ug/L			11/04/13 14:44	1
Chloromethane	ND		1.0		ug/L			11/04/13 14:44	1
2-Chlorotoluene	ND		0.50		ug/L			11/04/13 14:44	1
4-Chlorotoluene	ND		0.50		ug/L			11/04/13 14:44	1
Chlorodibromomethane	ND		0.50		ug/L			11/04/13 14:44	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/04/13 14:44	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/04/13 14:44	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/04/13 14:44	1
1,3-Dichloropropane	ND		1.0		ug/L			11/04/13 14:44	1
1,1-Dichloropropene	ND		0.50		ug/L			11/04/13 14:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/04/13 14:44	1
Ethylene Dibromide	ND		0.50		ug/L			11/04/13 14:44	1

TestAmerica Pleasanton

# Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

TestAmerica Job ID: 720-53383-1

Project/Site: Crown Chevrolet

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

Client Sample ID: MP-02-3

Lab Sample ID: 720-53383-7

Date Collected: 10/28/13 15:32

Matrix: Water

Date Received: 10/28/13 17:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50		ug/L			11/04/13 14:44	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/04/13 14:44	1
1,1-Dichloroethane	ND		0.50		ug/L			11/04/13 14:44	1
1,2-Dichloroethane	ND		0.50		ug/L			11/04/13 14:44	1
1,1-Dichloroethene	ND		0.50		ug/L			11/04/13 14:44	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/04/13 14:44	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/04/13 14:44	1
1,2-Dichloropropane	ND		0.50		ug/L			11/04/13 14:44	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/04/13 14:44	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/04/13 14:44	1
Ethylbenzene	ND		0.50		ug/L			11/04/13 14:44	1
Hexachlorobutadiene	ND		1.0		ug/L			11/04/13 14:44	1
2-Hexanone	ND		50		ug/L			11/04/13 14:44	1
Isopropylbenzene	ND		0.50		ug/L			11/04/13 14:44	1
4-Isopropyltoluene	ND		1.0		ug/L			11/04/13 14:44	1
Methylene Chloride	ND		5.0		ug/L			11/04/13 14:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/04/13 14:44	1
Naphthalene	ND		1.0		ug/L			11/04/13 14:44	1
N-Propylbenzene	ND		1.0		ug/L			11/04/13 14:44	1
Styrene	ND		0.50		ug/L			11/04/13 14:44	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/04/13 14:44	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/04/13 14:44	1
Tetrachloroethene	ND		0.50		ug/L			11/04/13 14:44	1
Toluene	ND		0.50		ug/L			11/04/13 14:44	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/04/13 14:44	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/04/13 14:44	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/04/13 14:44	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/04/13 14:44	1
<b>Trichloroethene</b>	<b>0.76</b>		0.50		ug/L			11/04/13 14:44	1
Trichlorofluoromethane	ND		1.0		ug/L			11/04/13 14:44	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/04/13 14:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/04/13 14:44	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/04/13 14:44	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/04/13 14:44	1
Vinyl acetate	ND		10		ug/L			11/04/13 14:44	1
Vinyl chloride	ND		0.50		ug/L			11/04/13 14:44	1
Xylenes, Total	ND		1.0		ug/L			11/04/13 14:44	1
2,2-Dichloropropane	ND		0.50		ug/L			11/04/13 14:44	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/04/13 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		67 - 130		11/04/13 14:44	1
1,2-Dichloroethane-d4 (Surr)	112		72 - 130		11/04/13 14:44	1
Toluene-d8 (Surr)	95		70 - 130		11/04/13 14:44	1

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-53383-1

Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-147530/4

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 09:15	1
Acetone	ND		50		ug/L			11/01/13 09:15	1
Benzene	ND		0.50		ug/L			11/01/13 09:15	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 09:15	1
Bromobenzene	ND		1.0		ug/L			11/01/13 09:15	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 09:15	1
Bromoform	ND		1.0		ug/L			11/01/13 09:15	1
Bromomethane	ND		1.0		ug/L			11/01/13 09:15	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 09:15	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 09:15	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 09:15	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 09:15	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 09:15	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 09:15	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 09:15	1
Chloroethane	ND		1.0		ug/L			11/01/13 09:15	1
Chloroform	ND		1.0		ug/L			11/01/13 09:15	1
Chloromethane	ND		1.0		ug/L			11/01/13 09:15	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 09:15	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 09:15	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 09:15	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 09:15	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 09:15	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 09:15	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 09:15	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 09:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 09:15	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 09:15	1
Dibromomethane	ND		0.50		ug/L			11/01/13 09:15	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 09:15	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 09:15	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 09:15	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 09:15	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 09:15	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 09:15	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 09:15	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 09:15	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 09:15	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 09:15	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 09:15	1
2-Hexanone	ND		50		ug/L			11/01/13 09:15	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 09:15	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 09:15	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 09:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 09:15	1
Naphthalene	ND		1.0		ug/L			11/01/13 09:15	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 09:15	1
Styrene	ND		0.50		ug/L			11/01/13 09:15	1

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-147530/4  
Matrix: Water  
Analysis Batch: 147530

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 09:15	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 09:15	1
Tetrachloroethene	ND		0.50		ug/L			11/01/13 09:15	1
Toluene	ND		0.50		ug/L			11/01/13 09:15	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 09:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 09:15	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 09:15	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 09:15	1
Trichloroethene	ND		0.50		ug/L			11/01/13 09:15	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 09:15	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 09:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 09:15	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 09:15	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 09:15	1
Vinyl acetate	ND		10		ug/L			11/01/13 09:15	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 09:15	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 09:15	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 09:15	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/01/13 09:15	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	97		67 - 130		11/01/13 09:15	1
1,2-Dichloroethane-d4 (Surr)	102		72 - 130		11/01/13 09:15	1
Toluene-d8 (Surr)	96		70 - 130		11/01/13 09:15	1

Lab Sample ID: LCS 720-147530/5  
Matrix: Water  
Analysis Batch: 147530

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	125	122		ug/L		98	26 - 180
Benzene	25.0	24.2		ug/L		97	79 - 130
Dichlorobromomethane	25.0	25.6		ug/L		102	70 - 130
Bromobenzene	25.0	21.8		ug/L		87	70 - 130
Chlorobromomethane	25.0	25.5		ug/L		102	70 - 130
Bromoform	25.0	27.9		ug/L		111	68 - 136
Bromomethane	25.0	28.2		ug/L		113	43 - 151
2-Butanone (MEK)	125	144		ug/L		115	54 - 130
n-Butylbenzene	25.0	22.9		ug/L		92	70 - 142
sec-Butylbenzene	25.0	22.4		ug/L		90	70 - 134
tert-Butylbenzene	25.0	22.4		ug/L		90	70 - 135
Carbon disulfide	25.0	28.4		ug/L		114	58 - 130
Carbon tetrachloride	25.0	32.0		ug/L		128	70 - 146
Chlorobenzene	25.0	24.1		ug/L		96	70 - 130
Chloroethane	25.0	24.9		ug/L		100	62 - 138
Chloroform	25.0	26.6		ug/L		106	70 - 130

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-147530/5  
 Matrix: Water  
 Analysis Batch: 147530

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	25.0	22.7		ug/L		91	52 - 175
2-Chlorotoluene	25.0	22.1		ug/L		88	70 - 130
4-Chlorotoluene	25.0	21.7		ug/L		87	70 - 130
Chlorodibromomethane	25.0	27.5		ug/L		110	70 - 145
1,2-Dichlorobenzene	25.0	21.2		ug/L		85	70 - 130
1,3-Dichlorobenzene	25.0	22.1		ug/L		88	70 - 130
1,4-Dichlorobenzene	25.0	22.5		ug/L		90	70 - 130
1,3-Dichloropropane	25.0	24.5		ug/L		98	70 - 130
1,1-Dichloropropene	25.0	29.1		ug/L		116	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	23.6		ug/L		95	70 - 136
Ethylene Dibromide	25.0	27.3		ug/L		109	70 - 130
Dibromomethane	25.0	26.6		ug/L		106	70 - 130
Dichlorodifluoromethane	25.0	24.8		ug/L		99	34 - 132
1,1-Dichloroethane	25.0	25.3		ug/L		101	70 - 130
1,2-Dichloroethane	25.0	27.1		ug/L		108	61 - 132
1,1-Dichloroethene	25.0	25.1		ug/L		100	64 - 128
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	70 - 130
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	68 - 130
1,2-Dichloropropane	25.0	22.2		ug/L		89	70 - 130
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	70 - 130
trans-1,3-Dichloropropene	25.0	27.4		ug/L		110	70 - 140
Ethylbenzene	25.0	25.1		ug/L		101	80 - 120
Hexachlorobutadiene	25.0	22.1		ug/L		88	70 - 130
2-Hexanone	125	117		ug/L		93	60 - 164
Isopropylbenzene	25.0	25.9		ug/L		104	70 - 130
4-Isopropyltoluene	25.0	22.8		ug/L		91	70 - 130
Methylene Chloride	25.0	21.1		ug/L		85	70 - 147
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	58 - 130
Naphthalene	25.0	21.1		ug/L		85	70 - 130
N-Propylbenzene	25.0	22.3		ug/L		89	70 - 130
Styrene	25.0	24.7		ug/L		99	70 - 130
1,1,1,2-Tetrachloroethane	25.0	25.1		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	25.0	20.7		ug/L		83	70 - 130
Tetrachloroethene	25.0	28.4		ug/L		114	70 - 130
Toluene	25.0	24.8		ug/L		99	78 - 120
1,2,3-Trichlorobenzene	25.0	19.8		ug/L		79	70 - 130
1,2,4-Trichlorobenzene	25.0	21.0		ug/L		84	70 - 130
1,1,1-Trichloroethane	25.0	31.4		ug/L		126	70 - 130
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	70 - 130
Trichloroethene	25.0	26.0		ug/L		104	70 - 130
Trichlorofluoromethane	25.0	31.8		ug/L		127	66 - 132
1,2,3-Trichloropropane	25.0	23.6		ug/L		95	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.8		ug/L		115	42 - 162
1,2,4-Trimethylbenzene	25.0	22.2		ug/L		89	70 - 132
1,3,5-Trimethylbenzene	25.0	22.6		ug/L		90	70 - 130
Vinyl acetate	25.0	31.0		ug/L		124	43 - 163
Vinyl chloride	25.0	24.8		ug/L		99	54 - 135

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-147530/5

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	50.0	51.1		ug/L		102	70 - 142
o-Xylene	25.0	25.5		ug/L		102	70 - 130
2,2-Dichloropropane	25.0	32.4		ug/L		129	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	96		72 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCS 720-147530/7

Matrix: Water

Analysis Batch: 147530

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	435		ug/L		87	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	103		72 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: LCSD 720-147530/6

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Methyl tert-butyl ether	25.0	26.7		ug/L		107	62 - 130	0	20
Acetone	125	121		ug/L		97	26 - 180	1	30
Benzene	25.0	24.2		ug/L		97	79 - 130	0	20
Dichlorobromomethane	25.0	26.6		ug/L		106	70 - 130	4	20
Bromobenzene	25.0	24.1		ug/L		97	70 - 130	10	20
Chlorobromomethane	25.0	25.8		ug/L		103	70 - 130	1	20
Bromoform	25.0	28.0		ug/L		112	68 - 136	0	20
Bromomethane	25.0	28.8		ug/L		115	43 - 151	2	20
2-Butanone (MEK)	125	146		ug/L		116	54 - 130	1	20
n-Butylbenzene	25.0	25.0		ug/L		100	70 - 142	9	20
sec-Butylbenzene	25.0	24.6		ug/L		99	70 - 134	10	20
tert-Butylbenzene	25.0	24.8		ug/L		99	70 - 135	10	20
Carbon disulfide	25.0	28.3		ug/L		113	58 - 130	0	20
Carbon tetrachloride	25.0	31.6		ug/L		126	70 - 146	1	20
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130	2	20
Chloroethane	25.0	25.1		ug/L		100	62 - 138	1	20
Chloroform	25.0	26.4		ug/L		106	70 - 130	1	20
Chloromethane	25.0	23.2		ug/L		93	52 - 175	2	20
2-Chlorotoluene	25.0	24.6		ug/L		99	70 - 130	11	20
4-Chlorotoluene	25.0	24.0		ug/L		96	70 - 130	10	20
Chlorodibromomethane	25.0	27.9		ug/L		112	70 - 145	2	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-147530/6

Matrix: Water

Analysis Batch: 147530

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD
							Limits		
1,2-Dichlorobenzene	25.0	23.4		ug/L		93	70 - 130	10	20
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	70 - 130	9	20
1,4-Dichlorobenzene	25.0	24.4		ug/L		98	70 - 130	8	20
1,3-Dichloropropane	25.0	25.6		ug/L		103	70 - 130	5	20
1,1-Dichloropropene	25.0	28.6		ug/L		115	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	26.8		ug/L		107	70 - 136	13	20
Ethylene Dibromide	25.0	27.7		ug/L		111	70 - 130	2	20
Dibromomethane	25.0	27.3		ug/L		109	70 - 130	3	20
Dichlorodifluoromethane	25.0	24.0		ug/L		96	34 - 132	3	20
1,1-Dichloroethane	25.0	25.1		ug/L		100	70 - 130	1	20
1,2-Dichloroethane	25.0	27.1		ug/L		109	61 - 132	0	20
1,1-Dichloroethene	25.0	25.6		ug/L		102	64 - 128	2	20
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	68 - 130	2	20
1,2-Dichloropropane	25.0	22.4		ug/L		90	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	25.7		ug/L		103	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	27.5		ug/L		110	70 - 140	0	20
Ethylbenzene	25.0	25.5		ug/L		102	80 - 120	2	20
Hexachlorobutadiene	25.0	24.0		ug/L		96	70 - 130	8	20
2-Hexanone	125	118		ug/L		95	60 - 164	1	20
Isopropylbenzene	25.0	26.5		ug/L		106	70 - 130	2	20
4-Isopropyltoluene	25.0	25.0		ug/L		100	70 - 130	9	20
Methylene Chloride	25.0	20.9		ug/L		83	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	58 - 130	1	20
Naphthalene	25.0	23.2		ug/L		93	70 - 130	9	20
N-Propylbenzene	25.0	24.7		ug/L		99	70 - 130	10	20
Styrene	25.0	25.3		ug/L		101	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	25.6		ug/L		102	70 - 130	2	20
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		92	70 - 130	10	20
Tetrachloroethene	25.0	28.6		ug/L		114	70 - 130	0	20
Toluene	25.0	25.0		ug/L		100	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	21.8		ug/L		87	70 - 130	9	20
1,2,4-Trichlorobenzene	25.0	22.7		ug/L		91	70 - 130	8	20
1,1,1-Trichloroethane	25.0	31.5		ug/L		126	70 - 130	0	20
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	70 - 130	2	20
Trichloroethene	25.0	25.9		ug/L		104	70 - 130	0	20
Trichlorofluoromethane	25.0	31.6		ug/L		126	66 - 132	1	20
1,2,3-Trichloropropane	25.0	26.5		ug/L		106	70 - 130	12	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.8		ug/L		115	42 - 162	0	20
1,2,4-Trimethylbenzene	25.0	24.3		ug/L		97	70 - 132	9	20
1,3,5-Trimethylbenzene	25.0	24.8		ug/L		99	70 - 130	9	20
Vinyl acetate	25.0	30.4		ug/L		122	43 - 163	2	20
Vinyl chloride	25.0	25.1		ug/L		100	54 - 135	1	20
m-Xylene & p-Xylene	50.0	52.1		ug/L		104	70 - 142	2	20
o-Xylene	25.0	26.0		ug/L		104	70 - 130	2	20
2,2-Dichloropropane	25.0	31.5		ug/L		126	70 - 140	3	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-53383-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID:** LCSD 720-147530/6  
**Matrix:** Water  
**Analysis Batch:** 147530

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

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	96		67 - 130
1,2-Dichloroethane-d4 (Surr)	99		72 - 130
Toluene-d8 (Surr)	95		70 - 130

**Lab Sample ID:** LCSD 720-147530/8  
**Matrix:** Water  
**Analysis Batch:** 147530

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

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec.		RPD	
		Result	Qualifier				Limits	RPD	Limit	
Gasoline Range Organics (GRO) -C5-C12	500	434		ug/L		87	62 - 120	0	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	105		72 - 130
Toluene-d8 (Surr)	98		70 - 130

**Lab Sample ID:** MB 720-147534/4  
**Matrix:** Water  
**Analysis Batch:** 147534

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

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			11/01/13 08:57	1
Acetone	ND		50		ug/L			11/01/13 08:57	1
Benzene	ND		0.50		ug/L			11/01/13 08:57	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 08:57	1
Bromobenzene	ND		1.0		ug/L			11/01/13 08:57	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 08:57	1
Bromoform	ND		1.0		ug/L			11/01/13 08:57	1
Bromomethane	ND		1.0		ug/L			11/01/13 08:57	1
2-Butanone (MEK)	ND		50		ug/L			11/01/13 08:57	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 08:57	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 08:57	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 08:57	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 08:57	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 08:57	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 08:57	1
Chloroethane	ND		1.0		ug/L			11/01/13 08:57	1
Chloroform	ND		1.0		ug/L			11/01/13 08:57	1
Chloromethane	ND		1.0		ug/L			11/01/13 08:57	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 08:57	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 08:57	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 08:57	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 08:57	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 08:57	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 08:57	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 08:57	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 08:57	1

TestAmerica Pleasanton



## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

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

Lab Sample ID: MB 720-147534/4

Matrix: Water

Analysis Batch: 147534

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 08:57	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 08:57	1
Dibromomethane	ND		0.50		ug/L			11/01/13 08:57	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 08:57	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 08:57	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 08:57	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 08:57	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 08:57	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 08:57	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 08:57	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 08:57	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 08:57	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 08:57	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 08:57	1
2-Hexanone	ND		50		ug/L			11/01/13 08:57	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 08:57	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 08:57	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 08:57	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 08:57	1
Naphthalene	ND		1.0		ug/L			11/01/13 08:57	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 08:57	1
Styrene	ND		0.50		ug/L			11/01/13 08:57	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 08:57	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 08:57	1
Tetrachloroethene	ND		0.50		ug/L			11/01/13 08:57	1
Toluene	ND		0.50		ug/L			11/01/13 08:57	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 08:57	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 08:57	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 08:57	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 08:57	1
Trichloroethene	ND		0.50		ug/L			11/01/13 08:57	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 08:57	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 08:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 08:57	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 08:57	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 08:57	1
Vinyl acetate	ND		10		ug/L			11/01/13 08:57	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 08:57	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 08:57	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 08:57	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/01/13 08:57	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	95		67 - 130		11/01/13 08:57	1
1,2-Dichloroethane-d4 (Surr)	93		72 - 130		11/01/13 08:57	1
Toluene-d8 (Surr)	97		70 - 130		11/01/13 08:57	1

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-147534/5

Matrix: Water

Analysis Batch: 147534

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	117		ug/L		93	26 - 180
Benzene	25.0	25.7		ug/L		103	79 - 130
Dichlorobromomethane	25.0	25.5		ug/L		102	70 - 130
Bromobenzene	25.0	24.6		ug/L		98	70 - 130
Chlorobromomethane	25.0	28.3		ug/L		113	70 - 130
Bromoform	25.0	27.9		ug/L		112	68 - 136
Bromomethane	25.0	23.5		ug/L		94	43 - 151
2-Butanone (MEK)	125	138		ug/L		110	54 - 130
n-Butylbenzene	25.0	24.2		ug/L		97	70 - 142
sec-Butylbenzene	25.0	24.3		ug/L		97	70 - 134
tert-Butylbenzene	25.0	24.9		ug/L		100	70 - 135
Carbon disulfide	25.0	26.2		ug/L		105	58 - 130
Carbon tetrachloride	25.0	28.4		ug/L		114	70 - 146
Chlorobenzene	25.0	25.0		ug/L		100	70 - 130
Chloroethane	25.0	22.3		ug/L		89	62 - 138
Chloroform	25.0	25.6		ug/L		102	70 - 130
Chloromethane	25.0	20.7		ug/L		83	52 - 175
2-Chlorotoluene	25.0	23.7		ug/L		95	70 - 130
4-Chlorotoluene	25.0	22.8		ug/L		91	70 - 130
Chlorodibromomethane	25.0	27.2		ug/L		109	70 - 145
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	70 - 130
1,3-Dichlorobenzene	25.0	25.0		ug/L		100	70 - 130
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130
1,3-Dichloropropane	25.0	24.9		ug/L		100	70 - 130
1,1-Dichloropropene	25.0	27.5		ug/L		110	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	23.9		ug/L		95	70 - 136
Ethylene Dibromide	25.0	26.5		ug/L		106	70 - 130
Dibromomethane	25.0	26.2		ug/L		105	70 - 130
Dichlorodifluoromethane	25.0	20.7		ug/L		83	34 - 132
1,1-Dichloroethane	25.0	25.1		ug/L		100	70 - 130
1,2-Dichloroethane	25.0	24.5		ug/L		98	61 - 132
1,1-Dichloroethene	25.0	26.8		ug/L		107	64 - 128
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	70 - 130
trans-1,2-Dichloroethene	25.0	26.2		ug/L		105	68 - 130
1,2-Dichloropropane	25.0	23.9		ug/L		96	70 - 130
cis-1,3-Dichloropropene	25.0	27.5		ug/L		110	70 - 130
trans-1,3-Dichloropropene	25.0	28.7		ug/L		115	70 - 140
Ethylbenzene	25.0	24.2		ug/L		97	80 - 120
Hexachlorobutadiene	25.0	22.5		ug/L		90	70 - 130
2-Hexanone	125	119		ug/L		95	60 - 164
Isopropylbenzene	25.0	26.1		ug/L		104	70 - 130
4-Isopropyltoluene	25.0	24.8		ug/L		99	70 - 130
Methylene Chloride	25.0	25.7		ug/L		103	70 - 147
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	58 - 130
Naphthalene	25.0	24.2		ug/L		97	70 - 130
N-Propylbenzene	25.0	23.6		ug/L		94	70 - 130
Styrene	25.0	26.2		ug/L		105	70 - 130

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-53383-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID:** LCS 720-147534/5  
**Matrix:** Water  
**Analysis Batch:** 147534

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	26.7		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	25.0	22.5		ug/L		90	70 - 130
Tetrachloroethene	25.0	28.9		ug/L		116	70 - 130
Toluene	25.0	24.6		ug/L		98	78 - 120
1,2,3-Trichlorobenzene	25.0	23.1		ug/L		92	70 - 130
1,2,4-Trichlorobenzene	25.0	24.9		ug/L		100	70 - 130
1,1,1-Trichloroethane	25.0	27.5		ug/L		110	70 - 130
1,1,2-Trichloroethane	25.0	26.3		ug/L		105	70 - 130
Trichloroethene	25.0	27.4		ug/L		110	70 - 130
Trichlorofluoromethane	25.0	23.7		ug/L		95	66 - 132
1,2,3-Trichloropropane	25.0	23.7		ug/L		95	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.7		ug/L		111	42 - 162
1,2,4-Trimethylbenzene	25.0	24.6		ug/L		98	70 - 132
1,3,5-Trimethylbenzene	25.0	24.9		ug/L		99	70 - 130
Vinyl acetate	25.0	33.7		ug/L		135	43 - 163
Vinyl chloride	25.0	22.3		ug/L		89	54 - 135
m-Xylene & p-Xylene	50.0	48.8		ug/L		98	70 - 142
o-Xylene	25.0	24.8		ug/L		99	70 - 130
2,2-Dichloropropane	25.0	29.3		ug/L		117	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	94		67 - 130
1,2-Dichloroethane-d4 (Surr)	89		72 - 130
Toluene-d8 (Surr)	99		70 - 130

**Lab Sample ID:** LCS 720-147534/7  
**Matrix:** Water  
**Analysis Batch:** 147534

**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	539		ug/L		108	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	92		72 - 130
Toluene-d8 (Surr)	103		70 - 130

**Lab Sample ID:** LCSD 720-147534/6  
**Matrix:** Water  
**Analysis Batch:** 147534

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Methyl tert-butyl ether	25.0	27.1		ug/L		108	62 - 130	5	20
Acetone	125	131		ug/L		104	26 - 180	11	30
Benzene	25.0	25.6		ug/L		102	79 - 130	0	20
Dichlorobromomethane	25.0	25.6		ug/L		102	70 - 130	0	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-147534/6

Matrix: Water

Analysis Batch: 147534

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD
									Limit
Bromobenzene	25.0	24.3		ug/L		97	70 - 130	1	20
Chlorobromomethane	25.0	27.8		ug/L		111	70 - 130	2	20
Bromoform	25.0	28.4		ug/L		114	68 - 136	2	20
Bromomethane	25.0	22.7		ug/L		91	43 - 151	3	20
2-Butanone (MEK)	125	137		ug/L		109	54 - 130	1	20
n-Butylbenzene	25.0	23.6		ug/L		94	70 - 142	3	20
sec-Butylbenzene	25.0	23.8		ug/L		95	70 - 134	2	20
tert-Butylbenzene	25.0	24.2		ug/L		97	70 - 135	3	20
Carbon disulfide	25.0	25.6		ug/L		103	58 - 130	2	20
Carbon tetrachloride	25.0	27.5		ug/L		110	70 - 146	3	20
Chlorobenzene	25.0	25.0		ug/L		100	70 - 130	0	20
Chloroethane	25.0	22.3		ug/L		89	62 - 138	0	20
Chloroform	25.0	25.0		ug/L		100	70 - 130	2	20
Chloromethane	25.0	20.4		ug/L		82	52 - 175	1	20
2-Chlorotoluene	25.0	23.3		ug/L		93	70 - 130	2	20
4-Chlorotoluene	25.0	22.4		ug/L		90	70 - 130	2	20
Chlorodibromomethane	25.0	27.2		ug/L		109	70 - 145	0	20
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	70 - 130	2	20
1,3-Dichlorobenzene	25.0	24.4		ug/L		98	70 - 130	2	20
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	70 - 130	2	20
1,3-Dichloropropane	25.0	25.4		ug/L		101	70 - 130	2	20
1,1-Dichloropropene	25.0	26.8		ug/L		107	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	25.0	25.7		ug/L		103	70 - 136	7	20
Ethylene Dibromide	25.0	26.7		ug/L		107	70 - 130	1	20
Dibromomethane	25.0	26.5		ug/L		106	70 - 130	1	20
Dichlorodifluoromethane	25.0	19.9		ug/L		79	34 - 132	4	20
1,1-Dichloroethane	25.0	24.9		ug/L		100	70 - 130	1	20
1,2-Dichloroethane	25.0	24.6		ug/L		98	61 - 132	1	20
1,1-Dichloroethene	25.0	25.4		ug/L		102	64 - 128	5	20
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	70 - 130	3	20
trans-1,2-Dichloroethene	25.0	25.8		ug/L		103	68 - 130	2	20
1,2-Dichloropropane	25.0	24.0		ug/L		96	70 - 130	0	20
cis-1,3-Dichloropropene	25.0	27.9		ug/L		112	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	28.7		ug/L		115	70 - 140	0	20
Ethylbenzene	25.0	23.7		ug/L		95	80 - 120	2	20
Hexachlorobutadiene	25.0	22.5		ug/L		90	70 - 130	0	20
2-Hexanone	125	126		ug/L		101	60 - 164	6	20
Isopropylbenzene	25.0	25.4		ug/L		101	70 - 130	3	20
4-Isopropyltoluene	25.0	24.4		ug/L		98	70 - 130	2	20
Methylene Chloride	25.0	25.7		ug/L		103	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	58 - 130	6	20
Naphthalene	25.0	25.0		ug/L		100	70 - 130	3	20
N-Propylbenzene	25.0	22.9		ug/L		92	70 - 130	3	20
Styrene	25.0	25.9		ug/L		104	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	26.9		ug/L		107	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	23.7		ug/L		95	70 - 130	5	20
Tetrachloroethene	25.0	28.3		ug/L		113	70 - 130	2	20
Toluene	25.0	24.1		ug/L		96	78 - 120	2	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-53383-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-147534/6  
 Matrix: Water  
 Analysis Batch: 147534

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	25.0	23.2		ug/L		93	70 - 130	0	20
1,2,4-Trichlorobenzene	25.0	24.8		ug/L		99	70 - 130	1	20
1,1,1-Trichloroethane	25.0	26.8		ug/L		107	70 - 130	2	20
1,1,2-Trichloroethane	25.0	26.9		ug/L		108	70 - 130	2	20
Trichloroethene	25.0	27.0		ug/L		108	70 - 130	1	20
Trichlorofluoromethane	25.0	22.3		ug/L		89	66 - 132	6	20
1,2,3-Trichloropropane	25.0	24.3		ug/L		97	70 - 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.0		ug/L		108	42 - 162	3	20
1,2,4-Trimethylbenzene	25.0	23.8		ug/L		95	70 - 132	3	20
1,3,5-Trimethylbenzene	25.0	24.2		ug/L		97	70 - 130	3	20
Vinyl acetate	25.0	34.6		ug/L		138	43 - 163	3	20
Vinyl chloride	25.0	21.3		ug/L		85	54 - 135	5	20
m-Xylene & p-Xylene	50.0	47.4		ug/L		95	70 - 142	3	20
o-Xylene	25.0	24.2		ug/L		97	70 - 130	2	20
2,2-Dichloropropane	25.0	28.6		ug/L		114	70 - 140	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	93		67 - 130
1,2-Dichloroethane-d4 (Surr)	91		72 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 720-147534/8  
 Matrix: Water  
 Analysis Batch: 147534

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	572		ug/L		114	62 - 120	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	89		72 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: MB 720-147584/10  
 Matrix: Water  
 Analysis Batch: 147584

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			11/01/13 22:37	1
Acetone	ND		50		ug/L			11/01/13 22:37	1
Benzene	ND		0.50		ug/L			11/01/13 22:37	1
Dichlorobromomethane	ND		0.50		ug/L			11/01/13 22:37	1
Bromobenzene	ND		1.0		ug/L			11/01/13 22:37	1
Chlorobromomethane	ND		1.0		ug/L			11/01/13 22:37	1
Bromoform	ND		1.0		ug/L			11/01/13 22:37	1
Bromomethane	ND		1.0		ug/L			11/01/13 22:37	1

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-147584/10

Matrix: Water

Analysis Batch: 147584

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Butanone (MEK)	ND		50		ug/L			11/01/13 22:37	1
n-Butylbenzene	ND		1.0		ug/L			11/01/13 22:37	1
sec-Butylbenzene	ND		1.0		ug/L			11/01/13 22:37	1
tert-Butylbenzene	ND		1.0		ug/L			11/01/13 22:37	1
Carbon disulfide	ND		5.0		ug/L			11/01/13 22:37	1
Carbon tetrachloride	ND		0.50		ug/L			11/01/13 22:37	1
Chlorobenzene	ND		0.50		ug/L			11/01/13 22:37	1
Chloroethane	ND		1.0		ug/L			11/01/13 22:37	1
Chloroform	ND		1.0		ug/L			11/01/13 22:37	1
Chloromethane	ND		1.0		ug/L			11/01/13 22:37	1
2-Chlorotoluene	ND		0.50		ug/L			11/01/13 22:37	1
4-Chlorotoluene	ND		0.50		ug/L			11/01/13 22:37	1
Chlorodibromomethane	ND		0.50		ug/L			11/01/13 22:37	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/01/13 22:37	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/01/13 22:37	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/01/13 22:37	1
1,3-Dichloropropane	ND		1.0		ug/L			11/01/13 22:37	1
1,1-Dichloropropene	ND		0.50		ug/L			11/01/13 22:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/01/13 22:37	1
Ethylene Dibromide	ND		0.50		ug/L			11/01/13 22:37	1
Dibromomethane	ND		0.50		ug/L			11/01/13 22:37	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/01/13 22:37	1
1,1-Dichloroethane	ND		0.50		ug/L			11/01/13 22:37	1
1,2-Dichloroethane	ND		0.50		ug/L			11/01/13 22:37	1
1,1-Dichloroethene	ND		0.50		ug/L			11/01/13 22:37	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 22:37	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/01/13 22:37	1
1,2-Dichloropropane	ND		0.50		ug/L			11/01/13 22:37	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 22:37	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/01/13 22:37	1
Ethylbenzene	ND		0.50		ug/L			11/01/13 22:37	1
Hexachlorobutadiene	ND		1.0		ug/L			11/01/13 22:37	1
2-Hexanone	ND		50		ug/L			11/01/13 22:37	1
Isopropylbenzene	ND		0.50		ug/L			11/01/13 22:37	1
4-Isopropyltoluene	ND		1.0		ug/L			11/01/13 22:37	1
Methylene Chloride	ND		5.0		ug/L			11/01/13 22:37	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/01/13 22:37	1
Naphthalene	ND		1.0		ug/L			11/01/13 22:37	1
N-Propylbenzene	ND		1.0		ug/L			11/01/13 22:37	1
Styrene	ND		0.50		ug/L			11/01/13 22:37	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 22:37	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/01/13 22:37	1
Tetrachloroethene	ND		0.50		ug/L			11/01/13 22:37	1
Toluene	ND		0.50		ug/L			11/01/13 22:37	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/01/13 22:37	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/01/13 22:37	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/01/13 22:37	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/01/13 22:37	1

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-53383-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-147584/10**  
**Matrix: Water**  
**Analysis Batch: 147584**

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	ND		0.50		ug/L			11/01/13 22:37	1
Trichlorofluoromethane	ND		1.0		ug/L			11/01/13 22:37	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/01/13 22:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/01/13 22:37	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/01/13 22:37	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/01/13 22:37	1
Vinyl acetate	ND		10		ug/L			11/01/13 22:37	1
Vinyl chloride	ND		0.50		ug/L			11/01/13 22:37	1
Xylenes, Total	ND		1.0		ug/L			11/01/13 22:37	1
2,2-Dichloropropane	ND		0.50		ug/L			11/01/13 22:37	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/01/13 22:37	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	97		67 - 130		11/01/13 22:37	1
1,2-Dichloroethane-d4 (Surr)	104		72 - 130		11/01/13 22:37	1
Toluene-d8 (Surr)	96		70 - 130		11/01/13 22:37	1

**Lab Sample ID: LCS 720-147584/5**  
**Matrix: Water**  
**Analysis Batch: 147584**

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

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Methyl tert-butyl ether	25.0	25.7		ug/L		103	62 - 130	
Acetone	125	110		ug/L		88	26 - 180	
Benzene	25.0	23.2		ug/L		93	79 - 130	
Dichlorobromomethane	25.0	25.2		ug/L		101	70 - 130	
Bromobenzene	25.0	23.7		ug/L		95	70 - 130	
Chlorobromomethane	25.0	24.9		ug/L		100	70 - 130	
Bromoform	25.0	27.3		ug/L		109	68 - 136	
Bromomethane	25.0	27.8		ug/L		111	43 - 151	
2-Butanone (MEK)	125	129		ug/L		103	54 - 130	
n-Butylbenzene	25.0	25.5		ug/L		102	70 - 142	
sec-Butylbenzene	25.0	24.3		ug/L		97	70 - 134	
tert-Butylbenzene	25.0	24.2		ug/L		97	70 - 135	
Carbon disulfide	25.0	27.1		ug/L		108	58 - 130	
Carbon tetrachloride	25.0	31.1		ug/L		124	70 - 146	
Chlorobenzene	25.0	24.3		ug/L		97	70 - 130	
Chloroethane	25.0	24.3		ug/L		97	62 - 138	
Chloroform	25.0	25.8		ug/L		103	70 - 130	
Chloromethane	25.0	22.3		ug/L		89	52 - 175	
2-Chlorotoluene	25.0	24.3		ug/L		97	70 - 130	
4-Chlorotoluene	25.0	23.8		ug/L		95	70 - 130	
Chlorodibromomethane	25.0	26.9		ug/L		108	70 - 145	
1,2-Dichlorobenzene	25.0	23.3		ug/L		93	70 - 130	
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	70 - 130	
1,4-Dichlorobenzene	25.0	24.6		ug/L		99	70 - 130	
1,3-Dichloropropane	25.0	24.2		ug/L		97	70 - 130	

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-147584/5

Matrix: Water

Analysis Batch: 147584

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloropropene	25.0	27.6		ug/L		111	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.7		ug/L		99	70 - 136
Ethylene Dibromide	25.0	26.1		ug/L		105	70 - 130
Dibromomethane	25.0	26.1		ug/L		104	70 - 130
Dichlorodifluoromethane	25.0	23.0		ug/L		92	34 - 132
1,1-Dichloroethane	25.0	24.3		ug/L		97	70 - 130
1,2-Dichloroethane	25.0	26.4		ug/L		106	61 - 132
1,1-Dichloroethene	25.0	24.4		ug/L		98	64 - 128
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	70 - 130
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	68 - 130
1,2-Dichloropropane	25.0	21.5		ug/L		86	70 - 130
cis-1,3-Dichloropropene	25.0	24.9		ug/L		99	70 - 130
trans-1,3-Dichloropropene	25.0	26.8		ug/L		107	70 - 140
Ethylbenzene	25.0	25.1		ug/L		101	80 - 120
Hexachlorobutadiene	25.0	24.9		ug/L		100	70 - 130
2-Hexanone	125	111		ug/L		89	60 - 164
Isopropylbenzene	25.0	26.6		ug/L		106	70 - 130
4-Isopropyltoluene	25.0	24.9		ug/L		99	70 - 130
Methylene Chloride	25.0	20.8		ug/L		83	70 - 147
4-Methyl-2-pentanone (MIBK)	125	111		ug/L		89	58 - 130
Naphthalene	25.0	22.8		ug/L		91	70 - 130
N-Propylbenzene	25.0	24.3		ug/L		97	70 - 130
Styrene	25.0	25.1		ug/L		100	70 - 130
1,1,1,2-Tetrachloroethane	25.0	25.4		ug/L		102	70 - 130
1,1,1,2,2-Tetrachloroethane	25.0	21.5		ug/L		86	70 - 130
Tetrachloroethene	25.0	28.1		ug/L		113	70 - 130
Toluene	25.0	24.6		ug/L		98	78 - 120
1,2,3-Trichlorobenzene	25.0	22.2		ug/L		89	70 - 130
1,2,4-Trichlorobenzene	25.0	23.5		ug/L		94	70 - 130
1,1,1-Trichloroethane	25.0	31.0		ug/L		124	70 - 130
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	70 - 130
Trichloroethene	25.0	25.2		ug/L		101	70 - 130
Trichlorofluoromethane	25.0	30.9		ug/L		124	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	28.0		ug/L		112	42 - 162
1,2,4-Trimethylbenzene	25.0	24.4		ug/L		98	70 - 132
1,3,5-Trimethylbenzene	25.0	24.5		ug/L		98	70 - 130
Vinyl acetate	25.0	30.7		ug/L		123	43 - 163
Vinyl chloride	25.0	23.8		ug/L		95	54 - 135
m-Xylene & p-Xylene	50.0	51.7		ug/L		103	70 - 142
o-Xylene	25.0	26.0		ug/L		104	70 - 130
2,2-Dichloropropane	25.0	31.2		ug/L		125	70 - 140

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130
Toluene-d8 (Surr)	96		70 - 130

TestAmerica Pleasanton



## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-147584/7**  
**Matrix: Water**  
**Analysis Batch: 147584**

**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	406		ug/L		81	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	106		72 - 130
Toluene-d8 (Surr)	97		70 - 130

**Lab Sample ID: LCSD 720-147584/6**  
**Matrix: Water**  
**Analysis Batch: 147584**

**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	26.4		ug/L		106	62 - 130	3	20
Acetone	125	106		ug/L		85	26 - 180	3	30
Benzene	25.0	23.2		ug/L		93	79 - 130	0	20
Dichlorobromomethane	25.0	26.0		ug/L		104	70 - 130	3	20
Bromobenzene	25.0	24.0		ug/L		96	70 - 130	1	20
Chlorobromomethane	25.0	25.6		ug/L		102	70 - 130	3	20
Bromoform	25.0	27.6		ug/L		110	68 - 136	1	20
Bromomethane	25.0	28.2		ug/L		113	43 - 151	1	20
2-Butanone (MEK)	125	123		ug/L		98	54 - 130	5	20
n-Butylbenzene	25.0	24.9		ug/L		100	70 - 142	2	20
sec-Butylbenzene	25.0	23.6		ug/L		95	70 - 134	3	20
tert-Butylbenzene	25.0	24.0		ug/L		96	70 - 135	1	20
Carbon disulfide	25.0	26.8		ug/L		107	58 - 130	1	20
Carbon tetrachloride	25.0	30.0		ug/L		120	70 - 146	4	20
Chlorobenzene	25.0	24.2		ug/L		97	70 - 130	0	20
Chloroethane	25.0	24.2		ug/L		97	62 - 138	0	20
Chloroform	25.0	25.9		ug/L		104	70 - 130	0	20
Chloromethane	25.0	22.0		ug/L		88	52 - 175	1	20
2-Chlorotoluene	25.0	24.2		ug/L		97	70 - 130	1	20
4-Chlorotoluene	25.0	23.7		ug/L		95	70 - 130	0	20
Chlorodibromomethane	25.0	27.3		ug/L		109	70 - 145	2	20
1,2-Dichlorobenzene	25.0	23.3		ug/L		93	70 - 130	0	20
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	70 - 130	0	20
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130	0	20
1,3-Dichloropropane	25.0	24.6		ug/L		99	70 - 130	2	20
1,1-Dichloropropene	25.0	27.3		ug/L		109	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	23.6		ug/L		94	70 - 136	4	20
Ethylene Dibromide	25.0	26.5		ug/L		106	70 - 130	1	20
Dibromomethane	25.0	26.4		ug/L		106	70 - 130	1	20
Dichlorodifluoromethane	25.0	22.7		ug/L		91	34 - 132	1	20
1,1-Dichloroethane	25.0	24.4		ug/L		98	70 - 130	0	20
1,2-Dichloroethane	25.0	26.8		ug/L		107	61 - 132	1	20
1,1-Dichloroethene	25.0	24.3		ug/L		97	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	68 - 130	2	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-147584/6

Matrix: Water

Analysis Batch: 147584

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-Dichloropropane	25.0	21.6		ug/L		87	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	70 - 130	2	20
trans-1,3-Dichloropropene	25.0	27.1		ug/L		108	70 - 140	1	20
Ethylbenzene	25.0	24.7		ug/L		99	80 - 120	2	20
Hexachlorobutadiene	25.0	24.4		ug/L		98	70 - 130	2	20
2-Hexanone	125	111		ug/L		89	60 - 164	0	20
Isopropylbenzene	25.0	26.2		ug/L		105	70 - 130	1	20
4-Isopropyltoluene	25.0	24.6		ug/L		98	70 - 130	1	20
Methylene Chloride	25.0	21.2		ug/L		85	70 - 147	2	20
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	58 - 130	1	20
Naphthalene	25.0	22.9		ug/L		91	70 - 130	0	20
N-Propylbenzene	25.0	23.8		ug/L		95	70 - 130	2	20
Styrene	25.0	25.0		ug/L		100	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	25.5		ug/L		102	70 - 130	0	20
1,1,2,2-Tetrachloroethane	25.0	21.3		ug/L		85	70 - 130	1	20
Tetrachloroethene	25.0	28.0		ug/L		112	70 - 130	1	20
Toluene	25.0	23.9		ug/L		96	78 - 120	3	20
1,2,3-Trichlorobenzene	25.0	22.5		ug/L		90	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	24.1		ug/L		97	70 - 130	3	20
1,1,1-Trichloroethane	25.0	30.2		ug/L		121	70 - 130	3	20
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	70 - 130	0	20
Trichloroethene	25.0	24.8		ug/L		99	70 - 130	2	20
Trichlorofluoromethane	25.0	31.0		ug/L		124	66 - 132	0	20
1,2,3-Trichloropropane	25.0	24.1		ug/L		97	70 - 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.7		ug/L		111	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	24.1		ug/L		96	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	24.5		ug/L		98	70 - 130	0	20
Vinyl acetate	25.0	30.1		ug/L		120	43 - 163	2	20
Vinyl chloride	25.0	23.9		ug/L		96	54 - 135	1	20
m-Xylene & p-Xylene	50.0	51.1		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	29.7		ug/L		119	70 - 140	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	102		72 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 720-147584/8

Matrix: Water

Analysis Batch: 147584

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	404		ug/L		81	62 - 120	0	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-53383-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-147584/8  
 Matrix: Water  
 Analysis Batch: 147584

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	104		72 - 130
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: 720-53383-5 MS  
 Matrix: Water  
 Analysis Batch: 147584

Client Sample ID: MP-04-3  
 Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Methyl tert-butyl ether	ND		25.0	27.5		ug/L		110	60 - 138
Acetone	ND		125	104		ug/L		77	60 - 140
Benzene	ND		25.0	23.4		ug/L		94	60 - 140
Dichlorobromomethane	ND		25.0	27.0		ug/L		108	60 - 140
Bromobenzene	ND		25.0	24.7		ug/L		99	60 - 140
Chlorobromomethane	ND		25.0	25.5		ug/L		102	60 - 140
Bromoform	ND		25.0	27.4		ug/L		110	56 - 140
Bromomethane	ND		25.0	22.8		ug/L		91	23 - 140
2-Butanone (MEK)	ND		125	115		ug/L		92	60 - 140
n-Butylbenzene	ND		25.0	23.1		ug/L		93	60 - 140
sec-Butylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
tert-Butylbenzene	ND		25.0	23.9		ug/L		96	60 - 140
Carbon disulfide	ND		25.0	26.1		ug/L		98	38 - 140
Carbon tetrachloride	ND		25.0	29.3		ug/L		117	60 - 140
Chlorobenzene	ND		25.0	24.4		ug/L		98	60 - 140
Chloroethane	ND		25.0	22.8		ug/L		91	51 - 140
Chloroform	ND		25.0	26.3		ug/L		105	60 - 140
Chloromethane	ND		25.0	19.0		ug/L		76	52 - 140
2-Chlorotoluene	ND		25.0	24.0		ug/L		96	60 - 140
4-Chlorotoluene	ND		25.0	23.6		ug/L		94	60 - 140
Chlorodibromomethane	ND		25.0	28.2		ug/L		113	60 - 140
1,2-Dichlorobenzene	ND		25.0	23.9		ug/L		96	60 - 140
1,3-Dichlorobenzene	ND		25.0	24.4		ug/L		98	60 - 140
1,4-Dichlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140
1,3-Dichloropropane	ND		25.0	24.9		ug/L		100	60 - 140
1,1-Dichloropropane	ND		25.0	26.2		ug/L		105	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	23.8		ug/L		95	60 - 140
Ethylene Dibromide	ND		25.0	27.5		ug/L		110	60 - 140
Dibromomethane	ND		25.0	27.5		ug/L		110	60 - 140
Dichlorodifluoromethane	ND		25.0	20.5		ug/L		82	38 - 140
1,1-Dichloroethane	ND		25.0	24.3		ug/L		97	60 - 140
1,2-Dichloroethane	ND		25.0	27.8		ug/L		111	60 - 140
1,1-Dichloroethene	ND		25.0	23.3		ug/L		93	60 - 140
cis-1,2-Dichloroethene	ND		25.0	25.3		ug/L		101	60 - 140
trans-1,2-Dichloroethene	ND		25.0	23.1		ug/L		92	60 - 140
1,2-Dichloropropane	ND		25.0	22.0		ug/L		88	60 - 140
cis-1,3-Dichloropropene	ND		25.0	24.6		ug/L		98	60 - 140
trans-1,3-Dichloropropene	ND		25.0	26.8		ug/L		107	60 - 140
Ethylbenzene	ND		25.0	24.2		ug/L		97	60 - 140

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-53383-5 MS

Matrix: Water

Analysis Batch: 147584

Client Sample ID: MP-04-3

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Hexachlorobutadiene	ND		25.0	22.7		ug/L		91	60 - 140
2-Hexanone	ND		125	113		ug/L		86	60 - 140
Isopropylbenzene	ND		25.0	25.6		ug/L		102	60 - 140
4-Isopropyltoluene	ND		25.0	23.7		ug/L		95	60 - 140
Methylene Chloride	ND		25.0	21.2		ug/L		85	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	106		ug/L		85	58 - 130
Naphthalene	ND		25.0	22.2		ug/L		89	56 - 140
N-Propylbenzene	ND		25.0	23.5		ug/L		94	60 - 140
Styrene	ND		25.0	24.1		ug/L		96	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	26.1		ug/L		105	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	22.2		ug/L		89	60 - 140
Tetrachloroethene	ND		25.0	26.9		ug/L		108	60 - 140
Toluene	ND		25.0	23.9		ug/L		96	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	21.8		ug/L		87	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	22.8		ug/L		91	60 - 140
1,1,1-Trichloroethane	ND		25.0	30.6		ug/L		122	60 - 140
1,1,2-Trichloroethane	ND		25.0	25.6		ug/L		102	60 - 140
Trichloroethene	ND		25.0	24.8		ug/L		99	60 - 140
Trichlorofluoromethane	ND		25.0	28.6		ug/L		114	60 - 140
1,2,3-Trichloropropane	ND		25.0	25.3		ug/L		101	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.9		ug/L		108	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	23.9		ug/L		95	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	24.0		ug/L		96	60 - 140
Vinyl acetate	ND		25.0	28.3		ug/L		113	40 - 140
Vinyl chloride	ND		25.0	21.0		ug/L		84	58 - 140
m-Xylene & p-Xylene	ND		50.0	50.5		ug/L		101	60 - 140
o-Xylene	ND		25.0	26.1		ug/L		104	60 - 140
2,2-Dichloropropane	ND		25.0	28.3		ug/L		113	60 - 140

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	107		72 - 130
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: 720-53383-5 MSD

Matrix: Water

Analysis Batch: 147584

Client Sample ID: MP-04-3

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		25.0	28.0		ug/L		112	60 - 138	2	20
Acetone	ND		125	110		ug/L		81	60 - 140	5	20
Benzene	ND		25.0	23.6		ug/L		94	60 - 140	1	20
Dichlorobromomethane	ND		25.0	27.1		ug/L		108	60 - 140	0	20
Bromobenzene	ND		25.0	24.6		ug/L		98	60 - 140	1	20
Chlorobromomethane	ND		25.0	25.9		ug/L		104	60 - 140	2	20
Bromoform	ND		25.0	26.0		ug/L		104	56 - 140	6	20
Bromomethane	ND		25.0	23.7		ug/L		95	23 - 140	4	20

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-53383-1

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

Lab Sample ID: 720-53383-5 MSD

Matrix: Water

Analysis Batch: 147584

Client Sample ID: MP-04-3

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2-Butanone (MEK)	ND		125	116		ug/L		93	60 - 140	1	20
n-Butylbenzene	ND		25.0	23.5		ug/L		94	60 - 140	1	20
sec-Butylbenzene	ND		25.0	23.5		ug/L		94	60 - 140	1	20
tert-Butylbenzene	ND		25.0	24.0		ug/L		96	60 - 140	0	20
Carbon disulfide	ND		25.0	26.3		ug/L		99	38 - 140	1	20
Carbon tetrachloride	ND		25.0	29.3		ug/L		117	60 - 140	0	20
Chlorobenzene	ND		25.0	24.3		ug/L		97	60 - 140	1	20
Chloroethane	ND		25.0	23.2		ug/L		93	51 - 140	2	20
Chloroform	ND		25.0	27.0		ug/L		108	60 - 140	3	20
Chloromethane	ND		25.0	19.4		ug/L		78	52 - 140	2	20
2-Chlorotoluene	ND		25.0	24.2		ug/L		97	60 - 140	1	20
4-Chlorotoluene	ND		25.0	23.6		ug/L		94	60 - 140	0	20
Chlorodibromomethane	ND		25.0	27.8		ug/L		111	60 - 140	2	20
1,2-Dichlorobenzene	ND		25.0	24.0		ug/L		96	60 - 140	0	20
1,3-Dichlorobenzene	ND		25.0	24.5		ug/L		98	60 - 140	0	20
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140	2	20
1,3-Dichloropropane	ND		25.0	25.3		ug/L		101	60 - 140	1	20
1,1-Dichloropropene	ND		25.0	26.4		ug/L		105	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	23.4		ug/L		94	60 - 140	2	20
Ethylene Dibromide	ND		25.0	26.8		ug/L		107	60 - 140	2	20
Dibromomethane	ND		25.0	27.7		ug/L		111	60 - 140	1	20
Dichlorodifluoromethane	ND		25.0	21.2		ug/L		85	38 - 140	3	20
1,1-Dichloroethane	ND		25.0	25.1		ug/L		100	60 - 140	3	20
1,2-Dichloroethane	ND		25.0	28.2		ug/L		113	60 - 140	1	20
1,1-Dichloroethene	ND		25.0	22.6		ug/L		90	60 - 140	3	20
cis-1,2-Dichloroethene	ND		25.0	26.0		ug/L		104	60 - 140	3	20
trans-1,2-Dichloroethene	ND		25.0	23.2		ug/L		93	60 - 140	0	20
1,2-Dichloropropane	ND		25.0	22.7		ug/L		91	60 - 140	3	20
cis-1,3-Dichloropropene	ND		25.0	24.6		ug/L		98	60 - 140	0	20
trans-1,3-Dichloropropene	ND		25.0	25.8		ug/L		103	60 - 140	3	20
Ethylbenzene	ND		25.0	24.4		ug/L		98	60 - 140	1	20
Hexachlorobutadiene	ND		25.0	22.8		ug/L		91	60 - 140	0	20
2-Hexanone	ND		125	112		ug/L		85	60 - 140	1	20
Isopropylbenzene	ND		25.0	25.3		ug/L		101	60 - 140	1	20
4-Isopropyltoluene	ND		25.0	23.8		ug/L		95	60 - 140	0	20
Methylene Chloride	ND		25.0	21.2		ug/L		85	40 - 140	0	20
4-Methyl-2-pentanone (MIBK)	ND		125	109		ug/L		87	58 - 130	3	20
Naphthalene	ND		25.0	22.1		ug/L		88	56 - 140	1	20
N-Propylbenzene	ND		25.0	23.6		ug/L		94	60 - 140	1	20
Styrene	ND		25.0	21.8		ug/L		87	60 - 140	10	20
1,1,1,2-Tetrachloroethane	ND		25.0	26.3		ug/L		105	60 - 140	1	20
1,1,2,2-Tetrachloroethane	ND		25.0	21.9		ug/L		88	60 - 140	1	20
Tetrachloroethene	ND		25.0	27.6		ug/L		110	60 - 140	2	20
Toluene	ND		25.0	24.3		ug/L		97	60 - 140	2	20
1,2,3-Trichlorobenzene	ND		25.0	21.5		ug/L		86	60 - 140	2	20
1,2,4-Trichlorobenzene	ND		25.0	22.8		ug/L		91	60 - 140	0	20
1,1,1-Trichloroethane	ND		25.0	30.9		ug/L		123	60 - 140	1	20
1,1,2-Trichloroethane	ND		25.0	25.6		ug/L		103	60 - 140	0	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-53383-5 MSD  
Matrix: Water  
Analysis Batch: 147584

Client Sample ID: MP-04-3  
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Trichloroethene	ND		25.0	25.2		ug/L		101	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	29.4		ug/L		117	60 - 140	3	20
1,2,3-Trichloropropane	ND		25.0	24.8		ug/L		99	60 - 140	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.5		ug/L		106	60 - 140	2	20
1,2,4-Trimethylbenzene	ND		25.0	23.9		ug/L		96	60 - 140	0	20
1,3,5-Trimethylbenzene	ND		25.0	24.0		ug/L		96	60 - 140	0	20
Vinyl acetate	ND		25.0	29.1		ug/L		116	40 - 140	3	20
Vinyl chloride	ND		25.0	21.6		ug/L		87	58 - 140	3	20
m-Xylene & p-Xylene	ND		50.0	50.1		ug/L		100	60 - 140	1	20
o-Xylene	ND		25.0	25.8		ug/L		103	60 - 140	1	20
2,2-Dichloropropane	ND		25.0	28.6		ug/L		114	60 - 140	1	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	106		72 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: MB 720-147621/5  
Matrix: Water  
Analysis Batch: 147621

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			11/04/13 09:45	1
Acetone	ND		50		ug/L			11/04/13 09:45	1
Benzene	ND		0.50		ug/L			11/04/13 09:45	1
Dichlorobromomethane	ND		0.50		ug/L			11/04/13 09:45	1
Bromobenzene	ND		1.0		ug/L			11/04/13 09:45	1
Chlorobromomethane	ND		1.0		ug/L			11/04/13 09:45	1
Bromoform	ND		1.0		ug/L			11/04/13 09:45	1
Bromomethane	ND		1.0		ug/L			11/04/13 09:45	1
2-Butanone (MEK)	ND		50		ug/L			11/04/13 09:45	1
n-Butylbenzene	ND		1.0		ug/L			11/04/13 09:45	1
sec-Butylbenzene	ND		1.0		ug/L			11/04/13 09:45	1
tert-Butylbenzene	ND		1.0		ug/L			11/04/13 09:45	1
Carbon disulfide	ND		5.0		ug/L			11/04/13 09:45	1
Carbon tetrachloride	ND		0.50		ug/L			11/04/13 09:45	1
Chlorobenzene	ND		0.50		ug/L			11/04/13 09:45	1
Chloroethane	ND		1.0		ug/L			11/04/13 09:45	1
Chloroform	ND		1.0		ug/L			11/04/13 09:45	1
Chloromethane	ND		1.0		ug/L			11/04/13 09:45	1
2-Chlorotoluene	ND		0.50		ug/L			11/04/13 09:45	1
4-Chlorotoluene	ND		0.50		ug/L			11/04/13 09:45	1
Chlorodibromomethane	ND		0.50		ug/L			11/04/13 09:45	1
1,2-Dichlorobenzene	ND		0.50		ug/L			11/04/13 09:45	1
1,3-Dichlorobenzene	ND		0.50		ug/L			11/04/13 09:45	1
1,4-Dichlorobenzene	ND		0.50		ug/L			11/04/13 09:45	1
1,3-Dichloropropane	ND		1.0		ug/L			11/04/13 09:45	1

TestAmerica Pleasanton

# QC Sample Results

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

TestAmerica Job ID: 720-53383-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-147621/5  
 Matrix: Water  
 Analysis Batch: 147621

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloropropene	ND		0.50		ug/L			11/04/13 09:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			11/04/13 09:45	1
Ethylene Dibromide	ND		0.50		ug/L			11/04/13 09:45	1
Dibromomethane	ND		0.50		ug/L			11/04/13 09:45	1
Dichlorodifluoromethane	ND		0.50		ug/L			11/04/13 09:45	1
1,1-Dichloroethane	ND		0.50		ug/L			11/04/13 09:45	1
1,2-Dichloroethane	ND		0.50		ug/L			11/04/13 09:45	1
1,1-Dichloroethene	ND		0.50		ug/L			11/04/13 09:45	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			11/04/13 09:45	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			11/04/13 09:45	1
1,2-Dichloropropane	ND		0.50		ug/L			11/04/13 09:45	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			11/04/13 09:45	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			11/04/13 09:45	1
Ethylbenzene	ND		0.50		ug/L			11/04/13 09:45	1
Hexachlorobutadiene	ND		1.0		ug/L			11/04/13 09:45	1
2-Hexanone	ND		50		ug/L			11/04/13 09:45	1
Isopropylbenzene	ND		0.50		ug/L			11/04/13 09:45	1
4-Isopropyltoluene	ND		1.0		ug/L			11/04/13 09:45	1
Methylene Chloride	ND		5.0		ug/L			11/04/13 09:45	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			11/04/13 09:45	1
Naphthalene	ND		1.0		ug/L			11/04/13 09:45	1
N-Propylbenzene	ND		1.0		ug/L			11/04/13 09:45	1
Styrene	ND		0.50		ug/L			11/04/13 09:45	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			11/04/13 09:45	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			11/04/13 09:45	1
Tetrachloroethene	ND		0.50		ug/L			11/04/13 09:45	1
Toluene	ND		0.50		ug/L			11/04/13 09:45	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			11/04/13 09:45	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			11/04/13 09:45	1
1,1,1-Trichloroethane	ND		0.50		ug/L			11/04/13 09:45	1
1,1,2-Trichloroethane	ND		0.50		ug/L			11/04/13 09:45	1
Trichloroethene	ND		0.50		ug/L			11/04/13 09:45	1
Trichlorofluoromethane	ND		1.0		ug/L			11/04/13 09:45	1
1,2,3-Trichloropropane	ND		0.50		ug/L			11/04/13 09:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			11/04/13 09:45	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			11/04/13 09:45	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			11/04/13 09:45	1
Vinyl acetate	ND		10		ug/L			11/04/13 09:45	1
Vinyl chloride	ND		0.50		ug/L			11/04/13 09:45	1
Xylenes, Total	ND		1.0		ug/L			11/04/13 09:45	1
2,2-Dichloropropane	ND		0.50		ug/L			11/04/13 09:45	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			11/04/13 09:45	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	93		67 - 130		11/04/13 09:45	1
1,2-Dichloroethane-d4 (Surr)	105		72 - 130		11/04/13 09:45	1
Toluene-d8 (Surr)	96		70 - 130		11/04/13 09:45	1

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-147621/6

Matrix: Water

Analysis Batch: 147621

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	26.7		ug/L		107	62 - 130
Acetone	125	122		ug/L		97	26 - 180
Benzene	25.0	23.8		ug/L		95	79 - 130
Dichlorobromomethane	25.0	26.4		ug/L		106	70 - 130
Bromobenzene	25.0	24.5		ug/L		98	70 - 130
Chlorobromomethane	25.0	25.2		ug/L		101	70 - 130
Bromoform	25.0	27.4		ug/L		109	68 - 136
Bromomethane	25.0	28.9		ug/L		116	43 - 151
2-Butanone (MEK)	125	143		ug/L		114	54 - 130
n-Butylbenzene	25.0	25.7		ug/L		103	70 - 142
sec-Butylbenzene	25.0	24.6		ug/L		99	70 - 134
tert-Butylbenzene	25.0	24.9		ug/L		100	70 - 135
Carbon disulfide	25.0	28.2		ug/L		113	58 - 130
Carbon tetrachloride	25.0	31.0		ug/L		124	70 - 146
Chlorobenzene	25.0	24.6		ug/L		98	70 - 130
Chloroethane	25.0	25.2		ug/L		101	62 - 138
Chloroform	25.0	26.3		ug/L		105	70 - 130
Chloromethane	25.0	22.9		ug/L		92	52 - 175
2-Chlorotoluene	25.0	24.9		ug/L		100	70 - 130
4-Chlorotoluene	25.0	24.6		ug/L		98	70 - 130
Chlorodibromomethane	25.0	27.4		ug/L		110	70 - 145
1,2-Dichlorobenzene	25.0	24.0		ug/L		96	70 - 130
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	70 - 130
1,3-Dichloropropane	25.0	24.0		ug/L		96	70 - 130
1,1-Dichloropropene	25.0	28.2		ug/L		113	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	25.3		ug/L		101	70 - 136
Ethylene Dibromide	25.0	27.1		ug/L		108	70 - 130
Dibromomethane	25.0	26.9		ug/L		108	70 - 130
Dichlorodifluoromethane	25.0	22.9		ug/L		91	34 - 132
1,1-Dichloroethane	25.0	24.8		ug/L		99	70 - 130
1,2-Dichloroethane	25.0	27.1		ug/L		108	61 - 132
1,1-Dichloroethene	25.0	24.9		ug/L		100	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	22.3		ug/L		89	70 - 130
cis-1,3-Dichloropropene	25.0	25.4		ug/L		102	70 - 130
trans-1,3-Dichloropropene	25.0	27.0		ug/L		108	70 - 140
Ethylbenzene	25.0	25.2		ug/L		101	80 - 120
Hexachlorobutadiene	25.0	24.7		ug/L		99	70 - 130
2-Hexanone	125	118		ug/L		95	60 - 164
Isopropylbenzene	25.0	26.3		ug/L		105	70 - 130
4-Isopropyltoluene	25.0	25.3		ug/L		101	70 - 130
Methylene Chloride	25.0	21.2		ug/L		85	70 - 147
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	58 - 130
Naphthalene	25.0	23.1		ug/L		92	70 - 130
N-Propylbenzene	25.0	25.0		ug/L		100	70 - 130
Styrene	25.0	25.5		ug/L		102	70 - 130

TestAmerica Pleasanton



## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID:** LCS 720-147621/6  
**Matrix:** Water  
**Analysis Batch:** 147621

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	25.6		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	25.0	22.5		ug/L		90	70 - 130
Tetrachloroethane	25.0	28.2		ug/L		113	70 - 130
Toluene	25.0	24.8		ug/L		99	78 - 120
1,2,3-Trichlorobenzene	25.0	22.2		ug/L		89	70 - 130
1,2,4-Trichlorobenzene	25.0	23.8		ug/L		95	70 - 130
1,1,1-Trichloroethane	25.0	31.3		ug/L		125	70 - 130
1,1,2-Trichloroethane	25.0	24.5		ug/L		98	70 - 130
Trichloroethene	25.0	25.5		ug/L		102	70 - 130
Trichlorofluoromethane	25.0	32.3		ug/L		129	66 - 132
1,2,3-Trichloropropane	25.0	25.7		ug/L		103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.0		ug/L		112	42 - 162
1,2,4-Trimethylbenzene	25.0	24.7		ug/L		99	70 - 132
1,3,5-Trimethylbenzene	25.0	25.2		ug/L		101	70 - 130
Vinyl acetate	25.0	31.0		ug/L		124	43 - 163
Vinyl chloride	25.0	24.4		ug/L		98	54 - 135
m-Xylene & p-Xylene	50.0	51.6		ug/L		103	70 - 142
o-Xylene	25.0	26.0		ug/L		104	70 - 130
2,2-Dichloropropane	25.0	31.3		ug/L		125	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	94		67 - 130
1,2-Dichloroethane-d4 (Surr)	101		72 - 130
Toluene-d8 (Surr)	97		70 - 130

**Lab Sample ID:** LCS 720-147621/8  
**Matrix:** Water  
**Analysis Batch:** 147621

**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	462		ug/L		92	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	105		72 - 130
Toluene-d8 (Surr)	97		70 - 130

**Lab Sample ID:** LCSD 720-147621/7  
**Matrix:** Water  
**Analysis Batch:** 147621

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Methyl tert-butyl ether	25.0	26.0		ug/L		104	62 - 130	3	20
Acetone	125	117		ug/L		94	26 - 180	4	30
Benzene	25.0	23.8		ug/L		95	79 - 130	0	20
Dichlorobromomethane	25.0	26.1		ug/L		104	70 - 130	1	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-147621/7

Matrix: Water

Analysis Batch: 147621

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	25.0	24.6		ug/L		98	70 - 130	0	20
Chlorobromomethane	25.0	25.1		ug/L		100	70 - 130	1	20
Bromoform	25.0	28.3		ug/L		113	68 - 136	3	20
Bromomethane	25.0	27.6		ug/L		110	43 - 151	5	20
2-Butanone (MEK)	125	134		ug/L		107	54 - 130	6	20
n-Butylbenzene	25.0	25.7		ug/L		103	70 - 142	0	20
sec-Butylbenzene	25.0	25.3		ug/L		101	70 - 134	2	20
tert-Butylbenzene	25.0	25.6		ug/L		103	70 - 135	3	20
Carbon disulfide	25.0	27.8		ug/L		111	58 - 130	1	20
Carbon tetrachloride	25.0	30.8		ug/L		123	70 - 146	1	20
Chlorobenzene	25.0	24.8		ug/L		99	70 - 130	1	20
Chloroethane	25.0	24.2		ug/L		97	62 - 138	4	20
Chloroform	25.0	26.0		ug/L		104	70 - 130	1	20
Chloromethane	25.0	21.5		ug/L		86	52 - 175	6	20
2-Chlorotoluene	25.0	25.1		ug/L		100	70 - 130	1	20
4-Chlorotoluene	25.0	24.8		ug/L		99	70 - 130	1	20
Chlorodibromomethane	25.0	27.2		ug/L		109	70 - 145	1	20
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130	3	20
1,3-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130	4	20
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130	3	20
1,3-Dichloropropane	25.0	25.0		ug/L		100	70 - 130	4	20
1,1-Dichloropropene	25.0	28.0		ug/L		112	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	26.6		ug/L		106	70 - 136	5	20
Ethylene Dibromide	25.0	26.5		ug/L		106	70 - 130	2	20
Dibromomethane	25.0	26.2		ug/L		105	70 - 130	3	20
Dichlorodifluoromethane	25.0	22.0		ug/L		88	34 - 132	4	20
1,1-Dichloroethane	25.0	24.5		ug/L		98	70 - 130	1	20
1,2-Dichloroethane	25.0	26.7		ug/L		107	61 - 132	2	20
1,1-Dichloroethene	25.0	24.3		ug/L		97	64 - 128	2	20
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	68 - 130	1	20
1,2-Dichloropropane	25.0	21.7		ug/L		87	70 - 130	3	20
cis-1,3-Dichloropropene	25.0	25.4		ug/L		102	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	26.9		ug/L		107	70 - 140	0	20
Ethylbenzene	25.0	25.5		ug/L		102	80 - 120	1	20
Hexachlorobutadiene	25.0	25.2		ug/L		101	70 - 130	2	20
2-Hexanone	125	112		ug/L		90	60 - 164	5	20
Isopropylbenzene	25.0	26.7		ug/L		107	70 - 130	2	20
4-Isopropyltoluene	25.0	25.9		ug/L		104	70 - 130	2	20
Methylene Chloride	25.0	21.3		ug/L		85	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	58 - 130	5	20
Naphthalene	25.0	24.5		ug/L		98	70 - 130	6	20
N-Propylbenzene	25.0	24.8		ug/L		99	70 - 130	1	20
Styrene	25.0	25.9		ug/L		104	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	26.1		ug/L		104	70 - 130	2	20
1,1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	70 - 130	4	20
Tetrachloroethene	25.0	27.5		ug/L		110	70 - 130	2	20
Toluene	25.0	25.2		ug/L		101	78 - 120	2	20

TestAmerica Pleasanton

## QC Sample Results

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

TestAmerica Job ID: 720-53383-1

### Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-147621/7  
 Matrix: Water  
 Analysis Batch: 147621

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	25.0	23.3		ug/L		93	70 - 130	5	20
1,2,4-Trichlorobenzene	25.0	24.3		ug/L		97	70 - 130	2	20
1,1,1-Trichloroethane	25.0	31.4		ug/L		126	70 - 130	0	20
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	70 - 130	1	20
Trichloroethene	25.0	25.3		ug/L		101	70 - 130	1	20
Trichlorofluoromethane	25.0	31.4		ug/L		126	66 - 132	3	20
1,2,3-Trichloropropane	25.0	26.7		ug/L		107	70 - 130	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.3		ug/L		109	42 - 162	3	20
1,2,4-Trimethylbenzene	25.0	25.4		ug/L		102	70 - 132	3	20
1,3,5-Trimethylbenzene	25.0	25.5		ug/L		102	70 - 130	1	20
Vinyl acetate	25.0	30.5		ug/L		122	43 - 163	2	20
Vinyl chloride	25.0	23.8		ug/L		95	54 - 135	2	20
m-Xylene & p-Xylene	50.0	52.1		ug/L		104	70 - 142	1	20
o-Xylene	25.0	26.3		ug/L		105	70 - 130	1	20
2,2-Dichloropropane	25.0	30.8		ug/L		123	70 - 140	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	96		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCSD 720-147621/9  
 Matrix: Water  
 Analysis Batch: 147621

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	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130
Toluene-d8 (Surr)	96		70 - 130

## QC Association Summary

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

TestAmerica Job ID: 720-53383-1

### GC/MS VOA

#### Analysis Batch: 147530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-53383-2	MP-04-1	Total/NA	Water	8260B/CA_LUFT MS	
720-53383-3	MP-04-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147530/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147530/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147530/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147530/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-147530/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

#### Analysis Batch: 147534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-53383-1	MW-100	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147534/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147534/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147534/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147534/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-147534/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

#### Analysis Batch: 147584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-53383-4	MP-02-2	Total/NA	Water	8260B/CA_LUFT MS	
720-53383-5	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-53383-5 MS	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
720-53383-5 MSD	MP-04-3	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147584/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147584/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147584/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147584/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-147584/10	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

#### Analysis Batch: 147621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-53383-6	MP-03-3	Total/NA	Water	8260B/CA_LUFT MS	
720-53383-7	MP-02-3	Total/NA	Water	8260B/CA_LUFT MS	

TestAmerica Pleasanton

## QC Association Summary

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

TestAmerica Job ID: 720-53383-1

### GC/MS VOA (Continued)

#### Analysis Batch: 147621 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-147621/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-147621/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147621/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-147621/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-147621/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

# Lab Chronicle

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

TestAmerica Job ID: 720-53383-1

**Client Sample ID: MW-100**

**Lab Sample ID: 720-53383-1**

Date Collected: 10/28/13 13:30

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		2	147534	11/01/13 11:17	LPL	TAL PLS

**Client Sample ID: MP-04-1**

**Lab Sample ID: 720-53383-2**

Date Collected: 10/28/13 14:15

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147530	11/01/13 17:54	PDR	TAL PLS

**Client Sample ID: MP-04-2**

**Lab Sample ID: 720-53383-3**

Date Collected: 10/28/13 14:25

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147530	11/01/13 18:20	PDR	TAL PLS

**Client Sample ID: MP-02-2**

**Lab Sample ID: 720-53383-4**

Date Collected: 10/28/13 14:36

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147584	11/02/13 01:02	PDR	TAL PLS

**Client Sample ID: MP-04-3**

**Lab Sample ID: 720-53383-5**

Date Collected: 10/28/13 14:40

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147584	11/02/13 01:28	PDR	TAL PLS

**Client Sample ID: MP-03-3**

**Lab Sample ID: 720-53383-6**

Date Collected: 10/28/13 15:20

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147621	11/04/13 14:04	PDR	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

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

TestAmerica Job ID: 720-53383-1

**Client Sample ID: MP-02-3**

**Lab Sample ID: 720-53383-7**

Date Collected: 10/28/13 15:32

Matrix: Water

Date Received: 10/28/13 17:12

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	147621	11/04/13 14:44	PDR	TAL PLS

**Laboratory References:**

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



## Certification Summary

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

TestAmerica Job ID: 720-53383-1

### 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: 720-53383-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTM S	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: 720-53383-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-53383-1	MW-100	Water	10/28/13 13:30	10/28/13 17:12
720-53383-2	MP-04-1	Water	10/28/13 14:15	10/28/13 17:12
720-53383-3	MP-04-2	Water	10/28/13 14:25	10/28/13 17:12
720-53383-4	MP-02-2	Water	10/28/13 14:36	10/28/13 17:12
720-53383-5	MP-04-3	Water	10/28/13 14:40	10/28/13 17:12
720-53383-6	MP-03-3	Water	10/28/13 15:20	10/28/13 17:12
720-53383-7	MP-02-3	Water	10/28/13 15:32	10/28/13 17:12

---

**APPENDIX C**

Data Quality Review



**DATA QUALITY REVIEW**

Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California  
Fuel Leak Case No. RO0003014

February 18, 2014  
Project OD10160070

This Data Quality Review appendix was prepared by the staff of AMEC under the supervision of the project Data Quality Manager whose signature appears hereon.

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

A handwritten signature in black ink, appearing to read "Hui Li".

---

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

**TABLE OF CONTENTS**

	<b>Page</b>
1.0 INTRODUCTION.....	1
2.0 THIRD QUARTER 2013 GROUNDWATER MONITORING.....	1
2.1 DATA ACCURACY .....	1
2.1.1 Spiked Compounds.....	2
2.1.2 Surrogate Recoveries .....	2
2.1.3 Method Blanks .....	2
2.1.4 Trip Blanks.....	2
2.1.5 Other Factors .....	2
2.2 DATA PRECISION.....	2
2.3 DATA COMPLETENESS .....	2
3.0 FOURTH QUARTER 2013 GROUNDWATER MONITORING.....	3
3.1 DATA ACCURACY .....	3
3.1.1 Spiked Compounds.....	3
3.1.2 Surrogate Recoveries .....	3
3.1.3 Method Blanks .....	3
3.1.4 Trip Blanks.....	3
3.1.5 Other Factors .....	3
3.2 DATA PRECISION.....	3
3.3 DATA COMPLETENESS .....	4
4.0 SUMMARY OF GROUNDWATER DATA QUALITY REVIEW .....	4
5.0 REFERENCES .....	4

**TABLE**

Table C-1      Summary of Precision Data for Analysis of Groundwater Field Duplicate Sample

**APPENDIX C**  
**DATA QUALITY REVIEW**  
Crown Chevrolet Cadillac Isuzu  
7544 Dublin Boulevard  
Dublin, California

**1.0 INTRODUCTION**

AMEC Environment & Infrastructure, Inc. (AMEC), evaluated the analytical data from AMEC's third and fourth quarter 2013 groundwater monitoring events using guidelines set forth in the U.S. Environmental Protection Agency's (EPA's) *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (National Functional Guidelines U.S. EPA, 2008).

The data quality review also included a data completeness check of the data packages, a transcription check of sample results, and a review of all laboratory reporting forms. Qualified data are included in the data summary tables in the main body of this report (with the exception of analytes that have not been detected at the site, which are not tabulated). Data qualifiers for AMEC's third and fourth quarter 2013 groundwater monitoring events are handwritten onto the laboratory analytical reports, copies of which are included in Appendix B.

**2.0 THIRD QUARTER 2013 GROUNDWATER MONITORING**

Quality assurance procedures for groundwater samples collected during AMEC's third 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-01 and labeled as MW-100. The groundwater MS/MSD sample was collected from monitoring well MP-03-1.

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**

One trip blank was submitted for volatile organic compound (VOC) analysis. There were no detections in the trip blank sample.

### **2.1.5 Other Factors**

Gasoline range organics were reported at a concentration similar to tetrachloroethene (PCE) in groundwater samples MW-01, MW-100, MP-01-1, and MP-03-1. The analytical laboratory indicated in the case narratives for these samples that the reported gasoline range organics results were due to presence of discrete peaks (PCE) 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 Third Quarter 2013 Groundwater Monitoring sampling event is 100 percent, with the exception of the gasoline range organics results, where the percent complete is 76.5 percent.

### **3.0 FOURTH QUARTER 2013 GROUNDWATER MONITORING**

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

The blind field duplicate groundwater sample was collected from monitoring well MW-01 and labeled as MW-100. The groundwater MS/MSD sample was collected from monitoring well MW-03.

A review of groundwater data quality is provided in the following sections.

#### **3.1 DATA ACCURACY**

Data accuracy was assessed by the analysis of LCS, LCSD, MS 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.

##### **3.1.1 Spiked Compounds**

No results were qualified due to LCS/LCSD or MS/MSD recoveries.

##### **3.1.2 Surrogate Recoveries**

No groundwater data were qualified due to surrogate recoveries.

##### **3.1.3 Method Blanks**

There were no detections in the method blank samples.

##### **3.1.4 Trip Blanks**

One trip blank was submitted for VOC analysis. There were no detections in the trip blank sample.

##### **3.1.5 Other Factors**

Gasoline range organics were reported at concentrations similar to PCE or TCE in groundwater samples MW-01, MW-100, MP-01-1, MP-02-1, MP-03-1, and MP-04-1. 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 or 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.

#### **3.2 DATA PRECISION**

Data precision is evaluated by comparing analytical results from the duplicate sample pair and evaluating the calculated 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.

### **3.3 DATA COMPLETENESS**

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

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

The percent complete for groundwater sample data collected during the Third Quarter 2013 Groundwater Monitoring sampling event is 100 percent, with the exception of the gasoline range organics results, where the percent complete is 64.7 percent.

### **4.0 SUMMARY OF GROUNDWATER DATA QUALITY REVIEW**

Based on an evaluation of data quality for samples collected during the third and fourth quarter 2013 groundwater monitoring events, 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.

### **5.0 REFERENCES**

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

**TABLE**

---

**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 <sup>1</sup>	Units	Reporting Limit	Primary Sample Result	Duplicate Sample Result	RPD <sup>2</sup>	Absolute Difference Between Sample Results <sup>3</sup>
<b>Groundwater</b>									
MW-01	MW-100	7/30/2013	Tetrachloroethene	µg/L	2.50	160	210	27.0%	NA
			Trichloroethene	µg/L	0.50	1.5	1.6	6.5%	NA
MW-01	MW-100	10/28/2013	Tetrachloroethene	µg/L	2.50	150	150	0.0%	NA
			Trichloroethene	µg/L	0.50	1.9	1.8	5.4%	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:

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

Where S<sub>1</sub>, is the sample concentration and S<sub>2</sub> 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