March 25, 2013

RECEIVED

By Alameda County Environmental Health at 9:33 am, Mar 26, 2013

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

Subject: First Quarterly Groundwater Monitoring Report

Crown Chevrolet Cadillac Isuzu

7544 Dublin Boulevard and 6707 Golden Gate Drive

Dublin, California

Fuel Leak Case No. RO0003014

Dear Ms. Roe:

Enclosed please find the *First Quarterly Groundwater Monitoring Report* for the Crown Chevrolet Cadillac Isuzu site at 7544 Dublin Boulevard and 6707 Golden Gate Drive, in Dublin, California (Fuel Leak Case No. RO0003014, GeoTracker Global ID T10000001616). This document was prepared by AMEC Environment & Infrastructure, Inc. (AMEC), on behalf of Crown Chevrolet Cadillac Isuzu.

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

Please contact me at (925) 984-1426 or Avery Patton of AMEC at 510-663-4154 if you have any questions regarding this Work Plan.

Sincerely yours,

Terri Costello

Betty J. Woolverton Trust

Attachment: First Quarterly Groundwater Monitoring Report

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

Susan Gallardo, AMEC Environment & Infrastructure, Inc.



FIRST QUARTERLY GROUNDWATER MONITORING REPORT

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

Prepared for:

Crown Chevrolet

Dublin, California

Prepared by:

AMEC Environment & Infrastructure, Inc.

2101 Webster Street, 12th Floor Oakland, California 94612

March 2013

Project No. OD10160070



FIRST QUARTERLY GROUNDWATER MONITORING REPORT

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

March 25, 2013 Project OD10160070

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

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

Avery Patton, PG #8541 Senior Geologist

NAL GEOLOG

No. 8541



TABLE OF CONTENTS

		Pa	ge
1.0	BACK	GROUND	1
2.0	GROU	NDWATER MONITORING ACTIVITIES	2
	2.1	GROUNDWATER ELEVATION GAUGING	2
	2.2	MONITORING WELL SAMPLING	
	2.3	LABORATORY ANALYTICAL METHODS	
	2.4	DATA QUALITY REVIEW	3
3.0		_TS	
	3.1	GROUNDWATER ELEVATIONS, FLOW DIRECTIONS, AND GRADIENTS	
	3.2	GROUNDWATER ANALYTICAL RESULTS	
		3.2.1 First Water-Bearing Zone	
		3.2.2 Second Water-Bearing Zone	
4.0	00110	_	
4.0		LUSIONS	
5.0	REFE	RENCES	7
		TABLES	
Table	1	Well Construction Details	
Table 2	2	Groundwater Elevations	
Table :		Volatile Organic Compounds in Groundwater from Monitoring Wells	
Table 4	4	Volatile Organic Compounds in Grab Groundwater Samples	
		FIGURES	
Figure		Site Location Map	·
Figure	2	Potentiometric Surface in the First Water-Bearing Zone, North Parcel – Janua 2013	ıy
Figure	3	Potentiometric Surface in the Third Water-Bearing Zone, North Parcel –	
Figure	4	January 2013 PCE and TCE in the First Water-Bearing Zone, North Parcel – January 2013	
		APPENDICES	
Appen	dix A	Well Sampling Field Records	
Appen		Laboratory Analytical Reports	
Appen		Data Qualify Review	



FIRST QUARTERLY GROUNDWATER MONITORING REPORT

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

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

On January 29, 2013 AMEC performed the quarterly groundwater elevation gauging and groundwater sampling for the monitoring wells installed at the site. This report presents the results of the quarterly groundwater monitoring event.

1.0 BACKGROUND

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

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

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

 Volatile organic compounds (VOCs), primarily tetrachloroethene (PCE) and trichloroethene (TCE), are present in shallow groundwater throughout the northern portion of the site (Figure 2). The PCE and TCE are attributed to an off-site source of PCE; the specific source has not been identified.



 Chlorobenzenes and related compounds (e.g., 1,2-dichlorobenzene and 1,4-dichlorobenzene) are present in groundwater, and soil vapor at a former sump within Building B (Figure 2). Remediation was performed in October 2011 at the former sump and included removal of soil and VOC-affected water; however, some impacted soil remains beneath building walls (AMEC, 2011).

A summary of results from the previous investigations is included in AMEC's *Soil*, *Groundwater*, *and Soil Vapor Investigation Report* (AMEC, 2012b). At this time, site redevelopment is tentatively planned, and the FS/CAP includes additional detail regarding plans to mitigate the impacts discussed above (AMEC, 2013).

In September 2013, seven monitoring wells (with 15 well ports) were installed at the site. A 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). On January 29, 2013, the initial quarterly groundwater monitoring was conducted, and is reported herein. A single monitoring event will be conducted on a quarterly basis throughout 2013, with the next monitoring event scheduled for April 2013.

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 January 29, 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 on Table 1.

2.1 GROUNDWATER ELEVATION GAUGING

Prior to collecting depth-to-groundwater measurements, the well cap was first removed from each well and the water levels were allowed to equilibrate. Equilibration was considered complete when two depth-to-groundwater measurements collected within several minutes were equivalent. Depth-to-groundwater measurements were measured to an accuracy of 0.01 foot with an electric sounder. Depth to groundwater at each well was recorded on well sampling field record (copies are included in Appendix A).

2.2 MONITORING WELL SAMPLING

Following gauging and prior to sample collection, each well was purged using a low-flow technique at flow rates ranging from of 30 to 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 (i.e., when three consecutive readings of the water quality parameters are within approximately 10 percent of each other, if possible). However, sampling was difficult due to low recharge for several ports at monitoring wells MP-01 through MP-04. These CMT channels were purged dry and then sampled; field parameters did not stabilize. Following purging, groundwater samples were collected from each well into laboratory-provided volatile organic analysis (VOA) containers preserved with hydrochloric acid, using a peristaltic pump. Each sample was immediately labeled with a unique identifier and the sample collection time, and then stored in an ice-chilled cooler pending transport to the analytical laboratory under AMEC chain-of-custody procedures. Purge water generated during sampling activities was stored in two 5-gallon buckets (closed with DOT-approved lids). The two buckets were labeled and stored on-site pending off-site disposal.

One blind field duplicate groundwater sample was collected from monitoring well MW-1. 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, including analysis of the duplicate sample, is included below in Section 2.5.

2.3 LABORATORY ANALYTICAL METHODS

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

2.4 DATA QUALITY REVIEW

AMEC evaluated the analytical data generated during this groundwater monitoring event, as well as data collected by ENGEO, Inc. (ENGEO) during an October 2012 off-site groundwater investigation (ENGEO, 2013), 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 AMEC's 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.



Quality assurance procedures for groundwater samples collected during ENGEO's off-site groundwater investigation included the collection and analysis of one blind field duplicate 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 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.

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 soil sample data.

All detectable concentrations of TPHg from the AMEC and ENGEO investigations were identified by the laboratory to be caused by discrete peaks (caused by PCE and TCE) and to exhibit a chromatograph pattern that does match the gasoline standard. 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 January 2013 groundwater monitoring activities.

3.1 GROUNDWATER ELEVATIONS, FLOW DIRECTIONS, AND GRADIENTS

Depths to groundwater in the on-site monitoring wells (MW-01 through MW-03, and MP-01 through MP-04) were measured on January 29, 2013. Depths to groundwater and calculated groundwater surface elevations are shown in Table 2.

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

In the first water-bearing zone at the site, groundwater moves in an approximately easterly direction and the magnitude of the lateral hydraulic gradient is approximately 0.0033 foot per foot. In the third water-bearing zone at the site, groundwater moves in an approximately northeasterly direction and the magnitude of the lateral hydraulic gradient is approximately 0.0054 foot per foot. Note that the wells in the second and third water-bearing zones are



located close to an east-west trending line, making it difficult to gauge the precise direction of groundwater movement. Lateral gradients were not evaluated for the second water-bearing zone, as the depth to water measured in the second deepest port of one well (MP-03-2) did not appear to be representative of the potentiometric surface and not enough additional data were available to evaluate the direction of groundwater movement. Potentiometric surface maps for first and third water-bearing zones are presented on Figures 2 and 3, respectively.

Downward vertical hydraulic gradients were calculated for the intervals between the first and second water-bearing zones (i.e., from approximately 15 to 45 feet bgs) and between the second and third water-bearing zones (i.e., from approximately 45 to 60 feet bgs) in multi-port wells MP-01 through MP-04. For the approximately 15- to 45-foot interval, downward vertical gradients ranged from 0.016 to 0.045 foot per foot. For the approximately 45- to 60-foot interval, downward vertical gradients ranged from 0.11 to 0.13 foot per foot. Vertical gradients were not calculated for monitoring well MP-03, as the depth to water measured in the second deepest port (MP-03-2) did not appear to be representative of the potentiometric surface.

3.2 GROUNDWATER ANALYTICAL RESULTS

As discussed above, 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.

Additionally, Table 4 presents the grab groundwater sample results for the off-site investigation conducted by ENGEO in October 2012 (all grab groundwater results collected to-date at the site are also included in the table). Results for the ENGEO investigation are discussed separately, in the FS/CAP (AMEC, 2013).

For discussion purposes, groundwater analytical results from the January 2013 monitoring event were compared to drinking water environmental screening levels (ESLs), published by the California Regional Water Quality Control Board, San Francisco Bay Region (Regional Water Board; Regional Water Board, 2013). Drinking water ESLs are not a cleanup goal for the site; however, they provide a frame of reference for discussing analytical results.

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

3.2.1 First Water-Bearing Zone

PCE and TCE were detected in groundwater samples collected from all monitoring wells screened within the first water-bearing zone. Additionally, cis-1,2-dichloroethene (cis-1,2-DCE) and/or trans-1,2-dichloroethene (trans-1,2-DCE) were detected in groundwater from three monitoring wells (cis-1,2-DCE from MW-03, and both cis-1,2-DCE and trans-1,2-DCE from MP-02-1 and MW-02). Chlorobenzene and 1,2-dichlorobenzene were detected in groundwater



from monitoring well MW-03, located near the former sump within Building B. No other VOCs were detected.

Some concentrations of PCE and TCE were greater than their respective ESLs for groundwater that is assumed to be a potential drinking water resource. PCE was detected in groundwater samples collected from each of the seven wells in the first water-bearing zone at concentrations greater than the ESL of 5 μ g/L (at a maximum concentration of 160 μ g/L in MW-01 and MP-01-1). TCE was detected in groundwater samples from four of the seven wells in the first water-bearing zone at concentrations greater than the ESL of 5 μ g/L (at a maximum concentration of 61 μ g/L in MP-02-1).

3.2.2 Second Water-Bearing Zone

TCE and cis-1,2-DCE were detected in the groundwater sample collected from MP-02-2 at concentrations less than their respective ESLs. Additionally, 2-hexanone and/or acetone were present in groundwater samples collected from three wells in the second water-bearing zone (MP-01-2, MP-03-2, and MP-04-2) at concentrations less than their respective ESLs. 2-Hexanone and acetone can be laboratory contaminants (i.e., false positive results); however, they were not detected in the first water-bearing zone during the January 2013 or September 2012 sampling events and the results may therefore represent valid detections in the second water-bearing zone. No other VOCs were detected.

3.2.3 Third Water-Bearing Zone

TCE was detected in the groundwater sample collected from MP-02-3 at a concentration less than the ESL. Additionally, 2-hexanone was present in groundwater sample collected from MP-01-3 at a concentration less than the ESL. No other VOCs were detected.

4.0 CONCLUSIONS

Measured depths to groundwater were an average of approximately 1.6 feet higher in January 2013 than in September 2012 (excluding MP-03-2, where the September 2012 elevation does not appear to be valid). The potentiometric surface elevations increased a comparable amount in each water-bearing zone.

The groundwater monitoring results for PCE and TCE for the first water-bearing zone are comparable to the results from the previous groundwater monitoring event, in September 2012 (Table 3). While some concentrations were greater than during the prior monitoring event, the maximum PCE concentration detected was the same (160 μ g/L). The maximum TCE concentration in January 2013 was greater than the previous maximum, but was within the same order of magnitude. Not enough data are currently available to evaluate a concentration trend for PCE and TCE in groundwater.



TCE and cis-1,2-DCE were detected in groundwater samples from the second and third water-bearing zones at one well (MP-02) in January 2013, but were not detected during the previous round of sampling.

Chlorobenzene and 1,2-dichlorobenzene were detected in the first water-bearing zone from monitoring well MW-3, downgradient of the former sump, during the January 2013 monitoring event, but were not detected during the September 2012 monitoring event. This well was installed to monitor groundwater concentration trends downgradient of the sump; detectable concentrations of constituents of concern in this area should allow for assessment of concentration trends in the future.

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, 2013, Revised Draft Feasibility Study and Corrective Action Plan, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, March 25.
- California Regional Water Quality Control Board, San Francisco Region (Regional Water Board), 2013, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, February.
- ENGEO, 2013, Groundwater Investigation, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive Fuel Leak Case No. RO0003014, Dublin, California, January 4.
- 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.





WELL CONSTRUCTION DETAILS

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

						Survey Da	ta				(Construction	Information	n ¹	
Well Type	Monitoring Well ID	Port	Date Installed	Ground Surface Elevation (feet)	Top Of Casing Surveyed Elevation (feet)	Northing	Easting	Datum	Depth Drilled (feet bgs)	Top of Screen (feet bgs)	Bottom of Screen (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Screen Slot Size (inches)	Filter Pack
Pre-pack	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
groundwater	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
well	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
	MP-01	MP-01-1						NAD 83/NGVD 88		17.3	17.6		0.375	0.010	#2/12 sand
	MP-01	MP-01-2	8/29/2012	343.37	343.20	2081915.18	6148233.76	NAD 83/NGVD 88	60	43.2	43.5	59.3	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						NAD 83/NGVD 88		12.6	12.9		0.375	0.010	#2/12 sand
CMT multi-	MP-02	MP-02-2	8/30/2012	341.32	341.15	2082008.13	6148472.05	NAD 83/NGVD 88	60	36.4	36.7	59.7	0.375	0.010	#2/12 sand
port	MP-02	MP-02-3						NAD 83/NGVD 88		57.5	57.8		0.375	0.010	#2/12 sand
groundwater	MP-03	MP-03-1						NAD 83/NGVD 88		14.3	14.6		0.375	0.010	#2/12 sand
well	MP-03	MP-03-2	8/30/2012	342.31	342.21	2081948.36	6148500.44	NAD 83/NGVD 88	60	42.9	43.2	59.8	0.375	0.010	#2/12 sand
	MP-03	MP-03-3						NAD 83/NGVD 88		57.8	58.1		0.375	0.010	#2/12 sand
	MP-04	MP-04-1						NAD 83/NGVD 88		15.4	15.7		0.375	0.010	#2/12 sand
	MP-04	MP-04-2	8/31/2012	341.48	341.22	2081993.43	6148600.32	NAD 83/NGVD 88	60.5	41.4	41.7	60.5	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

<u>Notes</u>

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

<u>Abbreviations</u>

-- = not applicable

bgs = below ground surface
CMT = continuous multi-channel tubing

NAD = North American Datum

NGVD = National Geodetic Vertical Datum



GROUNDWATER ELEVATIONS

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

		Top-of-Casing	Depth to	Groundwater		
		Elevation	Groundwater	Elevation 1		
Sample Location	Date	(feet MSL)	(feet BTOC)	(feet MSL)		
First Water-Bearin	g Zone					
MP-01-1	9/10/2012	343.20	13.33	329.87		
1411 01 1	1/29/2013	010.20	11.49	331.71		
MP-02-1	9/10/2012	341.15	11.83	329.32		
WII 02 1	1/29/2013	041.10	10.30	330.85		
MP-03-1	9/10/2012	342.21	12.94	329.27		
1011 -03-1	1/29/2013	342.21	11.33	330.88		
MP-04-1	9/10/2012	341.22	12.41	328.81		
1011 -04-1	1/29/2013	341.22	10.77	330.45		
MW-01	9/10/2012	344.24	14.64	329.60		
10100-01	1/29/2013	344.24	12.96	331.28		
MW-02	9/10/2012	340.24	10.90	329.34		
10100-02	1/29/2013	340.24	9.35	330.89		
MW-03	9/10/2012	343.77	14.62	329.15		
10100-03	1/29/2013	343.77	14.53	329.24		
Second Water-Bea	ring Zone					
MP-01-2	9/10/2012	343.20	14.38	328.82		
IVIF -0 1-2	1/29/2013	343.20	12.59	330.61		
MP-02-2	9/10/2012	341.15	13.93	327.22		
IVIF -UZ-Z	1/29/2013	341.13	10.67	330.48		
MP-03-2	9/10/2012	342.21	39.76	302.45		
IVIF-03-2	1/29/2013	342.21	15.00	327.21		
MP-04-2	9/10/2012	341.22	13.83	327.39		
WIF-04-2	1/29/2013	341.22	11.95	329.27		
Third Water-Bearing	ng Zone					
MP-01-3	9/10/2012	343.20	15.63	327.57		
IVIP-U 1-3	1/29/2013	343.20	14.19	329.01		
MP-02-3	9/10/2012	341.15	14.88	326.27		
IVIP-UZ-3	1/29/2013	341.10	13.38	327.77		
MP-03-3	9/10/2012	342.21	15.66	326.55		
IVIP-03-3	1/29/2013	342.21	14.28	327.93		
MP-04-3	9/10/2012	341.22	15.12	326.10		
IVIP-04-3	1/29/2013	341.22	13.78	327.44		

Notes

1. Elevation datum is NGVD88.

Abbreviations

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



TABLE 3

VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS

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

Concentrations reported in micrograms per liter (µg/L)

					Bromo- dichloro-	Chloro-	Chloro-	Dibromo- chloro-	1,2- Dichloro-	cis-1,2- Dichloro-	trans-1,2- Dichloro-	2-Hex-				All Other
Location	Sample ID	Sample Type	Date	Acetone	methane	benzene	form	methane	benzene	ethene	ethene	anone	PCE	TCE	TPHg	VOCs
First Water-E	Bearing Zone															
MP-01	MP-01-1	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	< 0.50	<50	120	<0.50	110 R	ND
1011 -01	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-02-1	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	1.1	<0.50	<50	1.2	15	<50	ND
MP-02	MP-02-10	Duplicate	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	1.3	<0.50	<50	1.6	19	<50	ND
	MP-02-1	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	4.4	0.80	<50	6.6	61	100 R	ND
MP-03	MP-03-1	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	120	6.4	140 R	ND
	MP-03-1	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	0.63	<0.50	<50	150	11	230 R	ND
MP-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	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
	MW-01-(17-22)-GW ¹	Primary	8/30/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	150	1.1	150 R	ND
	MW-01	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	150	1.2	120 R	ND
MW-01	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-02-(15-20)-GW ¹	Primary	8/30/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	0.6	<0.50	<50	18	9.2	<50	ND
MW-02	MW-02	Primary	9/10/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	16	6.9	<50	ND
	MW-02	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	1.6	0.54	<50	19	15	<50	ND
	MW-03-(15-20)-GW ¹	Primary	8/31/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	1.1	<0.50	<0.50	<50	9.3	0.59	<50	ND
MW-03	MW-03	Primary	9/10/2012	<50	1.4	<0.50	2.1	0.92	<0.50	<0.50	<0.50	<50	3.2	<0.50	<50	ND
	MW-03	Primary	1/29/2013	<50	<0.50	4.8	<1.0	<0.50	1.7	0.65	<0.50	<50	11	1.1	<50	ND
Second Water	er-Bearing Zone															
MP-01	MP-01-2	Primary	9/10/2012	130	< 0.50	<0.50	<1.0	< 0.50	< 0.50	< 0.50	< 0.50	<50	< 0.50	< 0.50	<50	ND
IVIF-U I	MP-01-2	Primary	1/29/2013	62	< 0.50	< 0.50	<1.0	< 0.50	<0.50	< 0.50	< 0.50	120	< 0.50	< 0.50	<50	ND
MP-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
IVIP-02	MP-02-2	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	0.52	<0.50	<50	<0.50	1.2	<50	ND
MP-03	MP-03-2	Primary	1/29/2013	68	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	58	<0.50	<0.50	<50	ND
	MP-04-2	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	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
Third Water	Bearing Zone		1/29/2013	.00	-0.00	10.00	11.0	-0.00	-0.00	-0.00	-0.00		-0.00	-0.00	.00	
	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	MP-01-3	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	59	<0.50	<0.50	<50	ND
	MP-02-3		9/10/2012	130	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50 <50	ND
MP-02	MP-02-3	Primary Primary		<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50 <50	<0.50	0.54	<50 <50	ND ND
<u> </u>			1/29/2013	<50 <50	<0.50			<0.50	<0.50		<0.50	<50 <50			<50 <50	ND ND
MP-03	MP-03-3	Primary	9/10/2012			<0.50	<1.0			<0.50			<0.50	<0.50		
	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-04	MP-04-3	Primary	9/10/2012	150	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	86	ND
	MP-04-3	Primary	1/29/2013	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<50	<0.50	<0.50	<50	ND
	al Screening Level (gro ing water resource) ²	oundwater is a p	ootential or	1,500	100	25	70	100	10	6	10		5	5	100	



VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER FROM MONITORING WELLS

Crown Chevrolet Cadillac Isuzu
7544 Dublin Boulevard and 6707 Golden Gate Drive
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), February. 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.

R =The sample results a 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



VOLATILE ORGANIC COMPOUNDS IN GRAB GROUNDWATER SAMPLES

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

Concentrations reported in micrograms per liter (µg/L)

										Co	ncentrations	s reported in	n microgram	s per liter (µ	g/L)												
								Dibromo	4.0	4.2	4.4	4.4	aia 4.2	4vene 4 2		Mathad					424		424	425			
						Chloro-	Chloro-	Dibromo- chloro-	1,2-	1,3-	1,4- Dichloro	1,1-	· ·	trans-1,2-	Ethyd	Methyl	Nanhthalana	n Dronyl			1,2,4- Trichloro-		1,2,4-	1,3,5-	Vylonos	İ	All Other
Location	Sample ID	Sample Type	Date	Acetone	Benzene		form	methane	Dichloro- benzene	Dichloro- benzene		Dichloro- ethene	Dichloro- ethene	Dichloro- ethene	Ethyl- benzene	ether	Naphthalene (8260B)	n-Propyl- benzene	PCE	Toluene	benzene	TCE	Trimethyl- benzene	Trimethyl- benzene	Total	TPHg	VOCs
	ary 2009 Investigation	4	Date	710010110	DOTIZOTIO	DOMESTIC		mounano	DOMESTIC	DOMEDITO	DOTIZOTIO	Cirionic	outono	othionio	BOTIZOTIO	Othio:	(02002)	BOTIZOTIO	. 02	Totactic	DOTIZOTIO		DOTTEDITO	DOMESTIC	Total		1000
B1	B1-W	Primary	2/25/2009	54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.8	<5.0	1.2	<0.5	<0.5	3.0	<0.5	<0.5	4.8	1.9	12	65	NA
B2	B2-W	Primary	2/25/2009	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	0.77	<0.5	<0.5	<0.5	<0.5	<0.5	<50	NA NA
B3	B3-W	Primary	2/24/2009	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	0.65	<0.5	0.66	<50	NA
B4	B4-W	Primary	2/25/2009	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	0.56	<0.5	<0.5	<0.5	<0.5	<0.5	<50	NA
B5	B5-W	Primary	2/24/2009	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	1.6	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<50	NA
B7	B7-W	Primary	2/24/2009	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	NA
B8	B8-W	Primary	2/24/2009	<10	2.9	370	<5.0	<5.0	140	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	9.6	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	550	NA
B9	B9-W	Primary	2/25/2009	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.94	<0.5	<0.5	<0.5	0.84	<0.5	<0.5	<0.5	<0.5	<0.5	<50	NA
B10	B10-W	Primary	2/24/2009	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	1.9	0.58	<0.5	<0.5	<0.5	<0.5	<0.5	<50	NA
	nber 2010 Investigat	tion ²																						•			
SB-01	SB-01	Primary	9/27/2010	<50	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.11 J	<0.5	<0.5	<0.5	<1.0	<1.0	44	<0.5	<1.0	3.7	<0.5	<0.5	<1.0	49 J	NA
SB-02	SB-02	Primary	9/27/2010	<50	0.087 J	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	0.18 J	2.1	0.34 J	<0.5	<0.5	<1.0	<1.0	15	<0.5	<1.0	60	<0.5 UJ	<0.5	<1.0	63	NA
SB-03	SB-03	Primary	9/28/2010	<50	1.5	85 NA	<1.0	<0.5	42	<0.5	1.3	<0.5	1.3	<0.5	<0.5	< 0.5	<1.0	<1.0	3.2	<0.5	<1.0	0.96	<0.5	<0.5	<1.0	<50	NA NA
SB-04	SB-04	Primary	9/27/2010	NA NA	<0.5	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	<0.5	<0.5	NA NA	NA NA	NA NA	<0.5	NA NA	NA NA	NA NA	NA NA	<1.0	<50 <50	NA NA
SB-08	SB-40 SB-08	Duplicate Primary	9/27/2010 9/29/2010	NA NA	<0.5 <0.5	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	<0.5 <0.5	<0.5 <0.5	NA NA	NA NA	NA NA	<0.5 <0.5	NA NA	NA NA	NA NA	NA NA	<1.0 <1.0	<50 <50	NA NA
		- 1	312312010	INA	\U. 5	INA	INA	NA	INA	NA	INA	INA	INA	AVI	\U. 5	\U. 5	INA	ANI	NA	\U. 5	INA	INA	INA	INA	\1.0	<u> </u>	INA
NINYO & MOOI NM-B-1	re September 2010 I NM-B-1-GW	Primary	12/16/2010	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
NM-B-4	NM-B-4-GW	Primary	12/16/2010	NA NA	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	\0.50 NA	<0.50	<0.50	~0.50 NA	\0.50 NA	NA	<0.50	NA	NA	NA	NA	NA NA	<50	ND
NM-B-5	NM-B-5-GW	Primary	12/16/2010	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<50	ND
NM-B-6	NM-B-6-GW	Primary	12/16/2010	NA	12	620	<1.0	<1.0	350	<1.0	11	<1.0	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	3.5	<1.0	<1.0	1.4	<1.0	<1.0	NA	1,100	ND
	ugust 2011 Investiga	+																									
	SB-13-GW-2	Primary	5/16/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	<50	ND
SB-13	SB-13-GW-3	Primary	5/16/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	<50	ND
SB-15	SB-15-GW	Primary	6/7/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	19	<0.5	<1.0	1.0	<0.5	<0.5	<1.0	NA	ND
SB-16	SB-16-GW	Primary	6/7/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	37	<0.5	<1.0	1.5	<0.5	<0.5	<1.0	NA	ND
SB-17	SB-17-GW	Primary	6/7/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	NA	ND
SB-18	SB-18	Primary	6/8/2011	<50 UJ	2.1	320	<1.0	<0.5	650	<0.5	15	<0.5	1.2	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	NA	ND
SB-19	SB-19	Primary	6/9/2011	<50 UJ	<0.5	1.4	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	1.1	<0.5	<1.0	0.51	<0.5	<0.5	<1.0	NA	ND
	SB-190	Duplicate	6/9/2011	<50 UJ	<0.5	1.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.53	<0.5	<0.5	<0.5	<1.0	<1.0	1.1	<0.5	<1.0	0.53	<0.5	<0.5	<1.0	NA	ND
SB-20	SB-20	Primary	6/9/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	< 0.5	<0.5	< 0.5	<1.0	<1.0	1.4	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	NA	ND
SB-21	SB-21-GW	Primary	6/8/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5 <0.5	<0.5	<1.0	<1.0 <1.0	1.0	<0.5	<1.0	<0.5	<0.5 <0.5	<0.5 <0.5	<1.0 <1.0	NA NA	ND
SB-23 SB-24	SB-23 SB-24	Primary Primary	6/8/2011 6/8/2011	<50 UJ <50 UJ	<0.5 <0.5	<0.5 <0.5	<1.0 <1.0	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5 <0.5	<0.5	<0.5 <0.5	<1.0 <1.0	<1.0	3.6 <0.5	<0.5 <0.5	<1.0 <1.0	<0.5 <0.5	<0.5	<0.5	<1.0	<50	ND ND
SB-25	SB-25	Primary	6/9/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	6.6	0.81	3.7	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	0.62	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	NA	ND
SB-26	SB-26	Primary	6/9/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	0.98	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	NA	ND
SB-27	SB-27	Primary	6/10/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	1.0	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	NA	ND
SB-28	SB-28	Primary	6/10/2011	<50 UJ	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	4.6	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	NA	ND
SB-31	SB-31	Primary	7/26/2011	<50	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<1.0	NA	ND
Ninyo & Moor	e August-Septembe	er 2011 Investigat	ion ⁵																								
NM-B-7	NM-B-7-W	Primary	8/12/2011	NA	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	0.9	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
NM-B-9	NM-B-9-W	Primary	8/12/2011	NA	<0.50	<0.50	<0.50	<0.50	0.92	<0.50	<0.50	<0.50	0.97	<0.50	<0.50	NA	<0.50	<0.50	0.87	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
NM-B-13	NM-B-13-W	Primary	8/10/2011	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
NM-B-17	NM-B-17-W	Primary	8/11/2011	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
NM-B-18	NM-B-18-W	Primary	8/10/2011	NA	<0.50	< 0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
NM-B-19	NM-B-19-W	Primary	8/9/2011	NA NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	<0.50	NA NA	< 0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA NA	NA NA	ND
NM-B-20 NM-B-21	NM-B-20-W NM-B-21-W	Primary	8/9/2011	NA NA	<0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	<0.50	<0.50	< 0.50	< 0.50	< 0.50	NA NA	<0.50	<0.50	6.4 2.4	<0.50	< 0.50	0.52	<0.50	< 0.50	NA NA	NA NA	ND
NM-B-21	NM-B-21-W NM-B-22-W	Primary Primary	8/9/2011 8/9/2011	NA NA	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 3.0	<0.50 0.9	<0.50 <0.50	NA NA	<0.50 <0.50	<0.50 <0.50	42	<0.50 <0.50	<0.50 <0.50	0.51 16	<0.50 <0.50	<0.50 <0.50	NA NA	NA NA	ND ND
NM-B-23A	NM-B-23A	Primary	8/8/2011	NA NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	<0.50	<0.50	NA NA	<0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	<0.50	<0.50	NA NA	NA NA	ND ND
NM-B-23B	NM-B-23B	Primary	8/8/2011	NA NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA NA	<0.50	<0.50	98	<0.50	<0.50	0.89	<0.50	<0.50	NA NA	NA	ND
NM-B-23E	NM-B-23E-W	Primary	9/8/2011	NA NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	130	<0.50	<0.50	2.0	<0.50	<0.50	NA	NA	ND
NM-B-23B2	NM-B-23B2-W	Primary	9/8/2011	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	120	<0.50	<0.50	1.7	<0.50	<0.50	NA	NA	ND
NM-B-24	NM-B-24-W	Primary	8/10/2011	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	0.7	<0.50	NA	<0.50	<0.50	65	<0.50	<0.50	5.6	<0.50	<0.50	NA	NA	ND
NM-B-25	NM-B-25-W	Primary	8/9/2011	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	48	<0.50	<0.50	12	<0.50	<0.50	NA	NA	ND
NM-B-26	NM-B-26-W	Primary	8/10/2011	NA	< 0.50	<0.50	< 0.50	<0.50	<0.50	< 0.50	<0.50	< 0.50	4.5	1.9	< 0.50	NA	<0.50	< 0.50	1.7	< 0.50	< 0.50	56	<0.50	< 0.50	NA	NA	ND

X:\16000s\160070\4000\2013_03_Q1 Monitoring Report\02_tables\Table 4_VOCs_GrabGW



VOLATILE ORGANIC COMPOUNDS IN GRAB GROUNDWATER SAMPLES

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

Concentrations reported in micrograms per liter (µg/L)

										Co	ncentrations	s reported ir	microgram	s per liter (µ	ıg/L)												
Location	Sample ID	Sample Type	Date	Acetone	Benzene	Chloro- benzene	Chloro-	Dibromo- chloro- methane	1,2- Dichloro- benzene	1,3- Dichloro- benzene		1,1- Dichloro- ethene	cis-1,2- Dichloro- ethene	trans-1,2- Dichloro- ethene	Ethyl- benzene	Methyl tert-butyl ether	Naphthalene (8260B)	n-Propyl- benzene	PCE	Toluene	1,2,4- Trichloro- benzene	TCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Xylenes, Total	TPHq	All Other
NM-B-27	NM-B-27W	Primary	8/9/2011	NA	<0.50	<0.50	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
NM-B-28	NM-B-28-W	Primary	8/10/2011	NA NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	<0.50	NA NA	<0.50	<0.50	16	<0.50	<0.50	48	<0.50	<0.50	NA NA	NA NA	ND
NM-B-29	NM-B-29-W	Primary	8/10/2011	NA.	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	53	<0.50	<0.50	3.7	<0.50	<0.50	NA	NA NA	ND
NM-B-30	NM-B-30-W	Primary	8/10/2011	NA	< 0.50	< 0.50	<0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.75	<0.50	<0.50	NA	< 0.50	<0.50	58	<0.50	<0.50	18	<0.50	< 0.50	NA	NA	ND
NM-B-31	NM-B-31-W	Primary	8/10/2011	NA	<0.50	< 0.50	< 0.50	<0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<0.50	NA	< 0.50	<0.50	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
NM-B-32	NM-B-32-W	Primary	8/10/2011	NA	<0.50	<0.50	<0.50	< 0.50	<0.50	<0.50	<0.50	< 0.50	<0.50	<0.50	<0.50	NA	< 0.50	<0.50	190	<0.50	<0.50	1.0	<0.50	< 0.50	NA	NA	ND
NM-B-32A	NM-B-32A-W	Primary	9/8/2011	NA	<0.50	<0.50	< 0.50	<0.50	< 0.50	< 0.50	<0.50	< 0.50	<0.50	<0.50	<0.50	NA	< 0.50	<0.50	72	<0.50	<0.50	0.71	<0.50	<0.50	NA	NA	ND
NM-B-33	NM-B-33-W	Primary	8/10/2011	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	25	<0.50	<0.50	2.1	<0.50	<0.50	NA	NA	ND
NM-B-34	NM-B-34W	Primary	8/9/2011	NA	<0.50	< 0.50	<0.50	< 0.50	< 0.50	< 0.50	<0.50	< 0.50	<0.50	<0.50	<0.50	NA	< 0.50	<0.50	27	<0.50	<0.50	0.5	<0.50	<0.50	NA	NA	ND
NM-B-35	NM-B-35-W	Primary	8/10/2011	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<50	ND
NM-B-36	NM-B-36-W	Primary	8/10/2011	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<50	ND
AMEC Octob	er 2011 Remediation			.500		0.000			40.000		050	.50		.5.0		1 .50	:40		-5.0	1 .50	40		1 04		.40	T -05 000	ND
SUMP-EXB-1	SUMP-EXB-WATER		10/26/2011	<500	8.2 7.0	2,800	<10	<5.0 <1	18,000	7.6 6.8	250	<5.0	<5.0 <1	<5.0	<5.0 <1	<5.0 <1	<10	<10	<5.0	<5.0 <1	12	<5.0	24	8.3	<10	<25,000	ND
	1-10	Split	10/26/2011	10	_	2,400	<1		21,000 J		240	<1		<1			1.7	3.1	3.5		12	<1	23	8.0	NA	3,900 J ⁷	ND
SUMP-EXB-2	SUMP-EXB-WATER 2-16		10/28/2011	<50 <50	6.3	3,000	<1.0	<0.5	21,000	4.5	130 130	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	1.5	6.5 8.9	0.58	6.6	<0.5	8.3	3.7 3.3	1.8	<100,000	ND
		Split	10/28/2011	\5 0	7.1	2,100	<1	<1	11,000	4.0	130	<1	<1	<1	<1	<1	<1	1.3	6.9	<1	5.1	<1	9.1	3.3	NA	4,900 J ⁷	ND
	st-September 2012 In		0/00/00/10		1	0.50	1 40	0.50	1 0.50	0.50	1	0.50		0.50		1 0.50			100	0.50	1 10		1	0.50		T 440 B	
SB-33	SB-33	Primary	8/28/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	<0.50	<0.50	<0.50	<1.0	<1.0	130	<0.50	<1.0	0.57	<0.50	<0.50	<1.0	140 R	ND
SB-34 SB-35	SB-34 SB-35	Primary Primary	8/27/2012 8/28/2012	<50 UJ <50 UJ	<0.50 <0.50	<0.50 <0.50	<1.0 <1.0	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<0.50 <0.50	<1.0 <1.0	<1.0 <1.0	210 170	<0.50 <0.50	<1.0 <1.0	<2.5 0.58	<0.50 <0.50	<0.50 <0.50	<1.0 <1.0	200 R 170 R	ND ND
SB-33 SB-38	SB-35	Primary	8/28/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	100	<0.50	<1.0	2.0	<0.50	<0.50	<1.0	110 R	ND ND
	SB-39	Primary	8/28/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	120	<0.50	<1.0	2.0	<0.50	<0.50	<1.0	110 R	ND
SB-39	SB-390	Duplicate	8/28/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	140	<0.50	<1.0	1.8	<0.50	<0.50	<1.0	150 R	ND
SB-40	SB-40	Primary	8/29/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	160	<0.50	<1.0	<0.50	<0.50	<0.50	<1.0	130 R	ND
SB-41	SB-41	Primary	8/29/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	53	<0.50	<1.0	<0.50	<0.50	< 0.50	<1.0	62 R	ND
SB-42	SB-42	Primary	9/4/2012	<50 UJ	<0.50	<0.50	<1.0	< 0.50	<0.50	< 0.50	< 0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	<1.0	<1.0	140	<0.50	<1.0	<0.50	<0.50	< 0.50	<1.0	120 R	ND
SB-43	SB-43	Primary	9/4/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	< 0.50	<0.50	< 0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	25	<0.50	<1.0	<0.50	<0.50	< 0.50	<1.0	<50	ND
SB-44	SB-44	Primary	9/5/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	< 0.50	< 0.50	<0.50	< 0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	7.3	<0.50	<1.0	< 0.50	<0.50	<0.50	<1.0	<50	ND
SB-45	SB-45	Primary	9/5/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	70	<0.50	<1.0	0.59	<0.50	<0.50	<1.0	61 R	ND
SB-46	SB-46	Primary	9/5/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	<0.50	<0.50	<1.0	<1.0	45	<0.50	<1.0	8.5	<0.50	<0.50	<1.0	67 R	ND
MW-01	MW-01-(17-22)-GW	9 Primary	8/30/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	150	<0.50	<1.0	1.1	<0.50	<0.50	<1.0	150 R	ND
MW-02	MW-02-(15-20)-GW	9 Primary	8/30/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	<0.50	<0.50	<1.0	<1.0	18	<0.50	<1.0	9.2	<0.50	<0.50	<1.0	<50	ND
MW-03	MW-03-(15-20)-GW	9 Primary	8/31/2012	<50 UJ	<0.50	<0.50	<1.0	<0.50	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	9.3	<0.50	<1.0	0.59	<0.50	<0.50	<1.0	<50	ND
ENGEO Octo	ber 2012 Investigation	on ¹⁰																									
CG-3	CG-3	Primary	10/26/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	100	<0.50	<1.0	0.66	<0.50	<0.50	<1.0	110 R	ND
	Dup-1	Duplicate	10/26/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	120	<0.50	<1.0	0.59	<0.50	<0.50	<1.0	130 R	ND
CG-4	CG-4	Primary	10/26/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	130	<0.50	<1.0	<0.50	<0.50	<0.50	<1.0	130 R	ND
CG-5	CG-5	Primary	10/26/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	120	<0.50	<1.0	<0.50	<0.50	<0.50	<1.0	120 R	ND
CG-6	CG-6	Primary	10/26/2012	<50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	65	<0.50	<1.0	<0.50	<0.50	<0.50	<1.0	73 R	ND
	tal Screening Level (g inking water resourc	·	potential	1,500	1	25	70	100	10	65	5	6	6	10	30	5	6.2	NL	5	40	5	5	NL	NL	20	100	-
	g	-,				1			1	1	1						1				1						

X:\16000s\160070\4000\2013_03_Q1 Monitoring Report\02_tables\Table 4_VOCs_GrabGW



VOLATILE ORGANIC COMPOUNDS IN GRAB GROUNDWATER SAMPLES

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

Notes:

- 1. Basics Environmental, Inc., 2009, Limited Phase II Environmental Site Sampling Report, 7544 Dublin Boulevard & 6707 Golden Gate Drive, Dublin, California, March 16. Note that each sample was analyzed for benzene, ethylbenzene, toluene, and xylenes by two different U.S. EPA methods (U.S. EPA Methods 8260B and 8021). The greater of the two results for each constituent is shown herein.
- 2. AMEC, 2011, Revised Soil and Groundwater Investigation Report, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, April 4.
- 3. Ninyo & Moore, 2011, Limited Phase II Environmental Site Assessment, Crown Chevrolet, 7544 Dublin Boulevard, Dublin, California, January 7.
- 4. AMEC, 2011, Soil, Groundwater, and Soil Vapor Investigation Report, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, September 27.
- 5. Ninyo & Moore, 2011, Additional Phase II Environmental Site Assessment, Crown Chevrolet, 7544 Dublin Boulevard, Dublin, California, September 16.
- 6. AMEC, 2011, Remediation Report, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive, Dublin, California, December 21.
- 7. The laboratory (Friedman & Bruya, Inc., of Seattle, Washington) indicated that the sample chromatographic pattern does not resemble the fuel standard used for quantitation.
- 8. Samples were collected by AMEC in August and September 2012, and analyzed by TestAmerica Laboratories, Inc., of Pleasanton, California, for VOCs using U.S. EPA Method 8260B.
- 9. Results are shown for grab groundwater samples collected from borings MW-01 through MW-03 before the pre-pack monitoring wells were installed.
- 10. ENGEO, 2012, Groundwater Investigation, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive Fuel Leak Case No. R00003014, Dublin, California, January 4.
- 11. California Regional Water Quality Control Board, San Francisco Region, 2013, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater Screening Levels (groundwater is a current or potential drinking water source), May. The selected screening value is the lowest of those among drinking water goals, aquatic habitat goals, taste and odor considerations, evaluation of potential vapor intrusion into buildings.

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

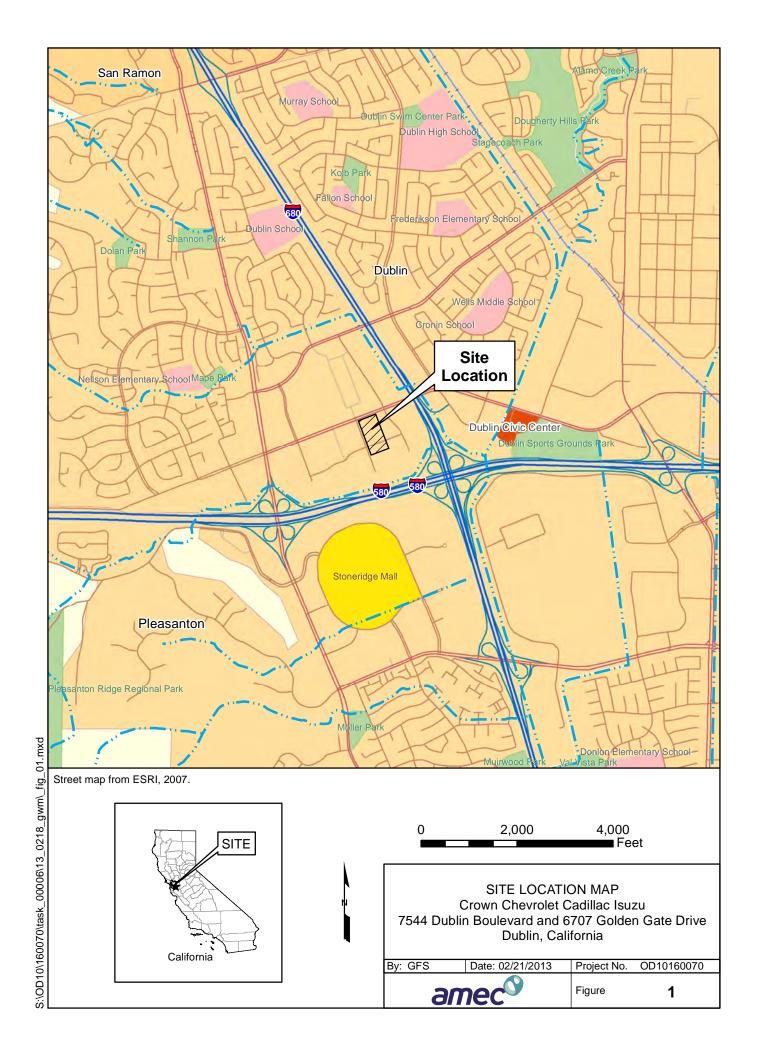
Results shown in **bold** and in a shaded cell exceed their respective Environmental Screening Levels.

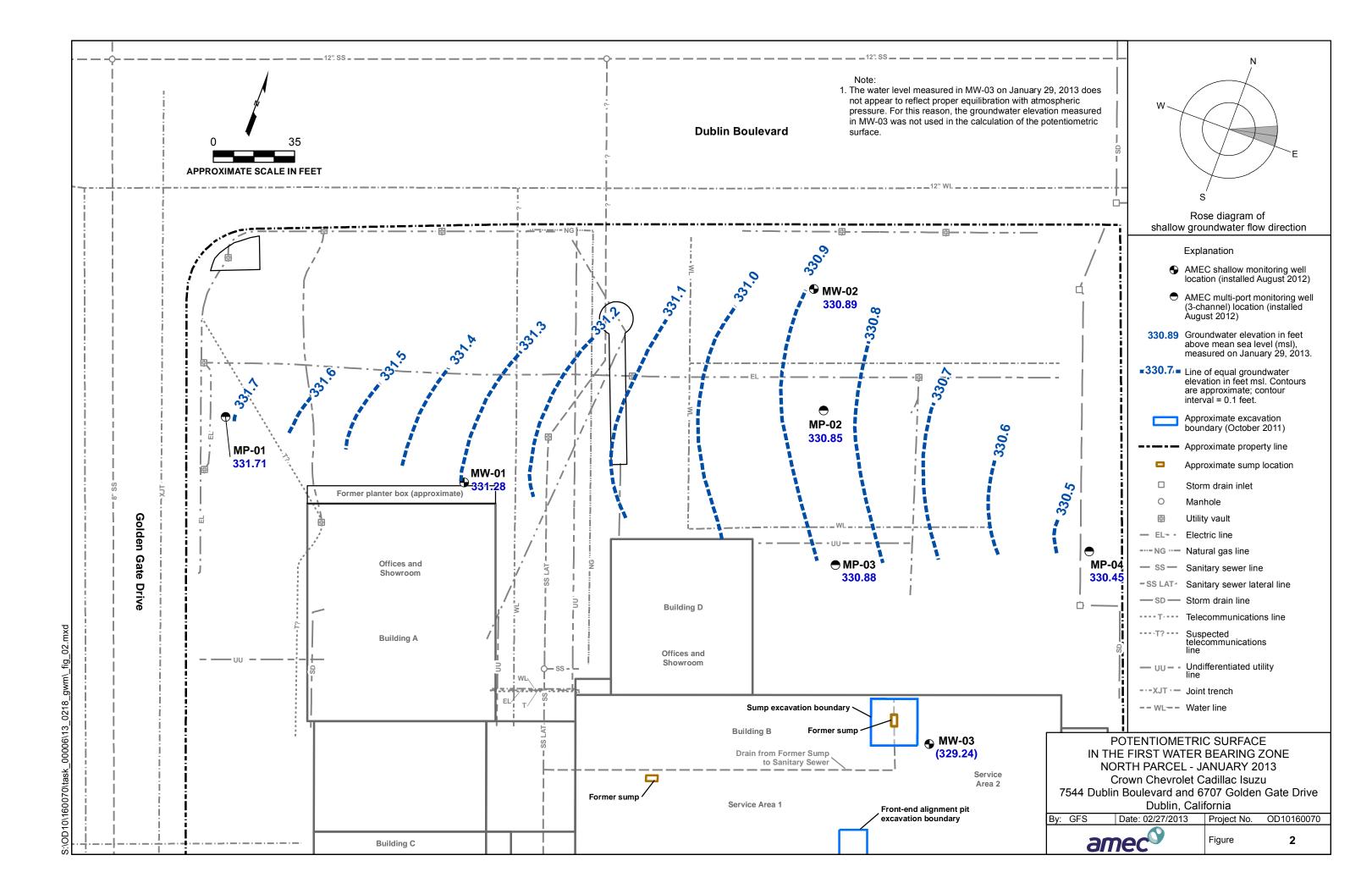
Abbreviations:

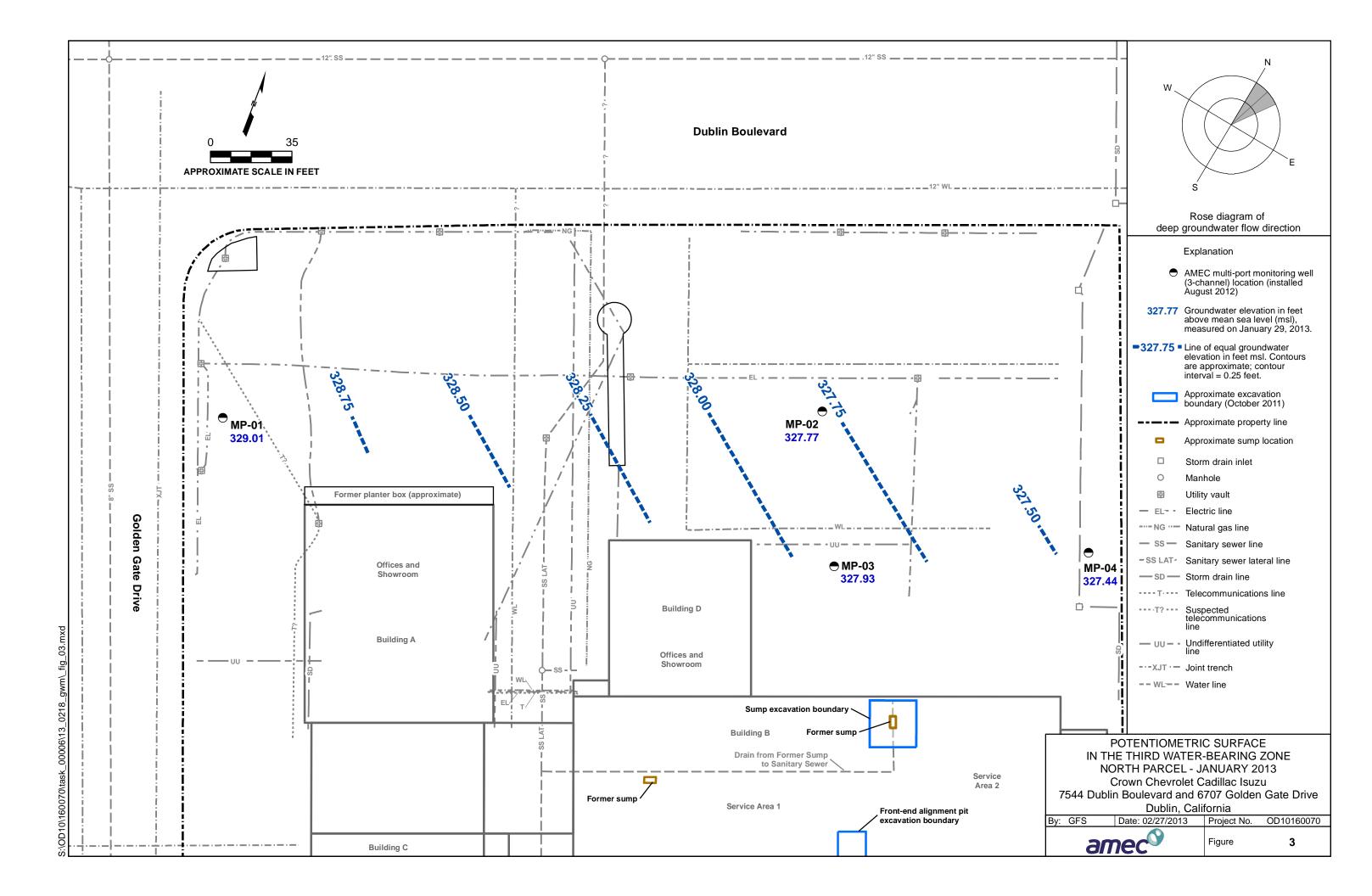
- < = not detected at or above the laboratory reporting limit shown
- -- = not applicable
- J = the analyte was positively identified, and the associated numerical value is the approximate concentration of the analyte in the sample
- NA = not analyzed
- PCE = tetrachloroethene
- R = The sample results 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
- TPHg = total petroleum hydrocarbons quantified as gasoline
- μg/L = micrograms per liter
- U = 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

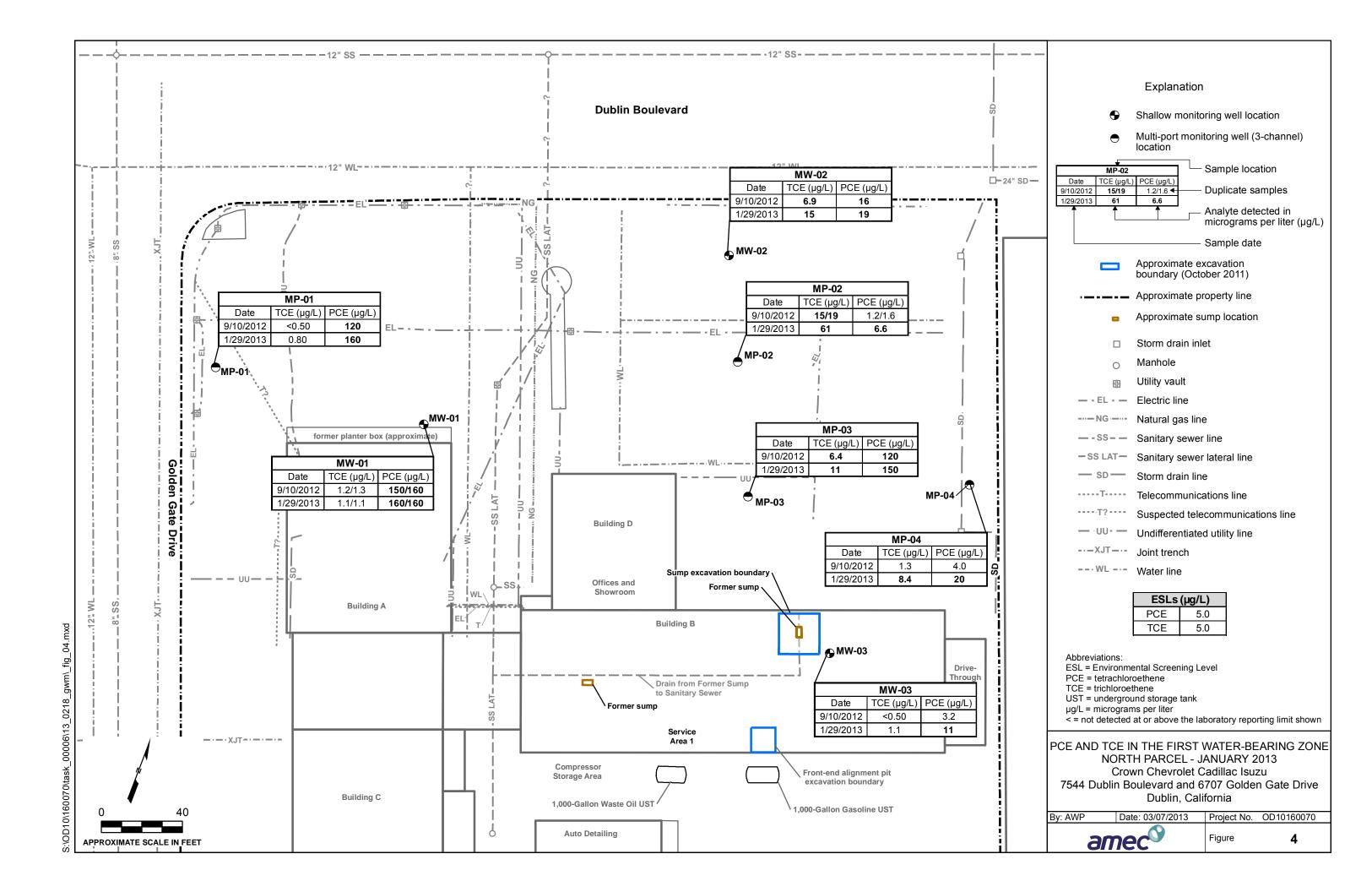


FIGURES











APPENDIX A

Well Sampling Field Records

WATER LEVEL MONITORING RECORD

amec

Project l	Name	: <u>Crv</u> u	ncherrolit	Project and Ta	ask Number: <u>ODI</u>		
Date: _	1/2	9/13	Measured by: <u>นี่ปุงเกต</u>	D. Peurson	Instrument(s) Used:	ES	

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

I = Inaccessible

D = Dedicated Pump

IP = Interface Probe

ES = Electrical Sounder

WL = Water Level

Well No.	Time	TOC Elevation (feet)	DTW Measurement #1 (feet)	DTW Measurement #2 (feet)	PID Reading	Remarks
MW-03	0736		14.53	14.53		
MP-03-1	0848		11.33	11.33		
MP-03-2	0849		12.00	15.00		
MP-03-3	0850		14.58	14.28	w 000 s.	
MP-04-1	1127		10.77	16.77		
MP-04-2	1128	1	11.95	11.95	*****	- Transference
MP-04-3			13.78	13.78		
MW-01	1357		12.96	12.96	,	
				-		
	***		***************************************			
*****	·					
				:		

Dana	∩f	
P20A	Ω T	



Project Nam	e:					
. (· ·	Chi	evro	1	et

,	1	-1	
Project/Tas	sk	#:	

Sampled By:

Date:

· Sv	MPLE COLI	FCTTO	NIOC		0010160	0.01°C	0000	\mathcal{H}	young		1/2	9 13
Well Numb		LCIIC	N LOG	Sample	ID:		ļ		Ouplicate ID:			0 1100
M	w-01				1W-01				·14-	H M	W-1	00 G 143E
Method of I			***************************************		of Sampling:			I	ntake Depth:			
peri-p	ump			per	i-pump				20)		···
dannin marka melangan mercampara	· •	q	?*************************************	v	, Field E	quipment	•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Equip	ment		Model		Serial #/Rer	ntal ID	Date Re	eceive	ed/Serviced	D	ate Cali	brated
Multi-Probe		45	1-550 N/A	0	01F0619	AF	IJ	28	13	W	28/13	•••(9,0009•••(4,00044440)
Turbidimeter			N/A								A STATE OF THE PERSON NAMED IN COLUMN	
	Cas	ing Pu	ge Volur	ne Calcul	ations		Dep	oth to V	Vater After Samp	oling =	2,960 ft	•
A. Depth to W	ater = <u>12.9(</u>	9 _ ft,	D. Water	Column (B-	A) = 7.89_1	t.	. If ap	plicable	, see pumping syst	tem volume	calculations	on page 2
B. Well Total D	Depth = <u>70.8</u>	35_ft.	E. 1 Well	Volume (C	² x 0.0408 x D) =	0.18			System Volume =			
C. Well Diame	ter = <u>0.75</u>	in.	F. 3 Well	Volumes (3	3 x E) = <u>0.54</u>	gal.	Acti	ual Vol	ume Purged (fro	m below) =	<u> □00</u>	_ gal/ml.
Purging Data Water Quality Parameters												
Time (24 hr)	Purge Volume □ gal ☑ ml	Flow R	m	Temp (°C)	Specific Conductivity (µS/cm)	Specific Dissolve Oxyge			Oxidation Reduction Potential (mV)	Turbidit (NTU)	у	Remarks
1404	Initial	200) (6.69	1372	0.92	6.8	38	-46.8			
1409	1500	1	1	7.12	1369	0.25	(0	70	-51.7			
1412	1100		1	7.17	1369	0,40	7	70	- 52.2			
1415	1700	V		7.22	1368	O. 3L	·····	6.69 -51.9			DD34411	
aadomonia aanaa aa								•				
					:							
		1				! !	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	4-114-17-44-44U3-6-11736-4437	pppaare paraumatanine.	
lepan enten (hariten) da maria da mari							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	чиштыаааанныльнаан		***************************************
				·····				`				
: ************************************				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
:				<u>J</u>								
				·						***************************************		
	100aaaaaaa				n sahannangunguhannanguhannon-magus					••••••••••••••••••••••••••••••••••••••	иамет э мчиенериниам	······································
······································	««««««««««»»»											
								······································		***************************************		····«««««»»»»»»»»»»»»»»»»»»»»»»»»»»»»»
Remarks:	Sampl	ed e	1415	for '	VOC ^s (826	OB)	***************************************	•••••••••	######################################	·····		The grant and the state of the
Mallowski (Maryon and San		(())		•						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	-	,										
энтэншин на тайгай	Λ.	ми н тирэнканицнана)		59444B944444444444444444444444444444444	***************************************			***************************************	400 11 11 11 11 11 11 11 11 11 11 11 11 1	••••••••••••••••••••••••••••••••••••••		эээн ал ан
Signature:	- CA	a les	Ale	4	Checke	d By:						:
	1	71	917	7				-				



SAMPLE	COLLEC	TION	LOG

Model

Equipment

Proje	ect N	lam	e:
-------	-------	-----	----

roject/Task #:	Sampled By:

٠.		
Н	14	ound

Date Received/Serviced

Dat	e:			***************************************
1	1	7	Ğ	113

Date Calibrated

0010160070,00006 Well Number/ID: Sample ID: Duplicate ID: MW-03 MW-03 N/A Method of Purging: Method of Sampling: Intake Depth: 19.0 pen-pump pen-pump Field Equipment

				!		<u> </u>
Multi-Probe	95	1-556	01F0619 AF		1/28/13	1/28/13
Turbidlmeter	N	1/A			The state of the s	A THE CONTRACT OF THE CONTRACT
	Casing Pu	rge Volume C	Calculations		Depth to Water After Sam	ppling = ft.
A. Depth to Water = <u> </u>	.53 ft.	D. Water Colu	mn (B-A) = <u> Ҷ . し </u> ft.		If applicable, see pumping sys	stem volume calculations on page 2
R Woll Total Donth -	9.13 #	E 1 Woll Volu	$m_0 (C^2 \times 0.0409 \times D) = 0.11$	anl	Dunaning Custons Volumes	~-I/I

Serial #/Rental ID

A. Depth to Water = 14.53 ft.	D. Water Column (B-A) = 4.4 ft.	If applicable, see pumping system volume calculations on page 2
	E. 1 Well Volume ($C^2 \times 0.0408 \times D$) = $O \cdot I$ gal.	Pumping System Volume = gal/ml
C. Well Diameter = 0.75 in.	F. 3 Well Volumes (3 x E) = 0.32 gal.	Actual Volume Purged (from below) = 400 gal/ml.

	Purging Data		Water Quality Parameters						
Time (24 hr)	Purge Volume □ gal 🖫 mi	Flow Rate ☐ gpm ☑ ml/min	Temp (°C)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	рН	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks
0750	Initial	200	10.70	11104	202	652	786	71000	*·.
7755	1000	1	14.21	1189	1.38	6.68	52.5	710°O	
0800	2000	2	14.85	1217	0,92	6.63	35.4	¥.	
0005	3000		15.32	1227	0.58	6.58	10.2		
0808	3600		15,54	1230	0.47	6.56	-0.7		
0811	4200	<u> </u>	15.56	1233	0.40	4.56	0.3		
••••		·			and the state of t		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

***************************************				·		•	egicultum minus minus mangungga	•	
				MARKET STREET,					
yyy yaasaa oo yaa aa /del>									
				And the second s	·				
		\$11.00 to 10.00 to 10							
-economical constraint contraint con	and the second s		<u></u>			-			
									-

Remarks:	Sampled	@ 0815	for 8240B			
					(U)))))))	
					н ин уче стици учуууун кесө мө к ер ин к	
	1			 ······································	 	**************************************

Signature:

Checked By:



SAM	IPLE	COL	LECT	ION	LOG

Project Name:

Crown Cheurolet
sk #: Sampled By:

Project/Task #:	
-----------------	--

Date:

J	IA	C		

0010160070.00006 H. young

1/29/13

Well Numb	er/ID:			Sample	ID:	1974 11 11 11 11 11 11 11 11 11 11 11 11 11		D	Duplicate ID:			
Mp-03-1 Mp-03-1 Method of Purging: Method of Sampling:						N/A						
				1 .	d of Sampling:			I	Intake Depth:			
Peni	-pump)		De:	n-pump	1				14.0/		
accacacanns)magaranthinannacannacannacan	Field Equipment											
Equip	ment		Mode	i i	Serial #/Ren	ıtal ID	Dat		ed/Serviced	Date	Calibrated	
Multi-Probe			1-536	<i>o</i>	01F0419 F	1 F		1/28	13	1/25	8 (3	
Turbidimeter			N/A	A STATE OF THE PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE PAR		A STATE OF THE PARTY OF THE PAR		***************************************			America States of States o	
			***************************************	ume Calcul				Depth to W	√ater After Samp	pling = <u>11 .35</u>	5 ft.	
	/ater = <u>11.33</u>				-A) = 3.03 f			If applicable,	, see pumping syst	stem volume calcula	ations on page 2	
	Depth = <u>14.3</u>				² x 0.0408 x D) = _		gal.	Pumping S ¹	ystem Volume =	= gal/	/ml	
C. Well Diame	eter = 34 5	in.	F. 3 We	धे। Volumes (3	3 x E) = <u>0.09</u>	gal.		Actual Volu	ıme Purged (fro	m below) = <u>Z8</u>	300 gal(ml.)	
	Purging Data					V	Vater	r Quality Pa	rameters		740	
Time (24.hr)	Purge Volume □ gai ID ml	Flow I □ gr ⊌ m	Rate pm nl/min	Temp (°C)	Specific Conductivity (µS/cm)	Dissolve Oxygei (mg/L)	n	рН	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks	
0855	Initial	200	2 1	15.01	1365	0.54	o	Le.73	-8.1			
0900	1000		1	15712	1356	0.31		C-74	-30.7			
0903	1600			1585	1344	0.28		6.70	- 46.1			
0906	2200			6.20	1340	0.26		4.68	- 45.5			
0909	2800	V	<i>'</i> \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	6.62	1362	0.25	5	Co.U5	-43.1		таписания по	
											пина при	
				•••••••••••••••••••••••••••••••••••••••						98444944495444	necessity of the second	
											Jaddinittishandadinina	
											voimment and an international	
							1			1	(Marian Marian Mari	
											netuurunennusennusennykseuristonetuurunenn	
							İ			1	чиншичничначиствалиныкашинанасыы́ыныш	
Remarks:	Sample	de	0911	0 for 1	100° (820	40B)		·			and the state of t	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			THE RESERVE OF THE PROPERTY OF	,	d1++++					
-dominantanianianiani	mmanagadammummumaaace	***************************************			TUGGU-14-17-7111/1511/15111111111111111111111111							
			à									
Signature:	11/10	Jun	Ja		Checked	d Bv:						



Choun Cheuro Let : Sampled By:

CYUCOTT	CNC
oject/Tack #:	Cam

Date:

Project Name:

Joals

SA	MPLE COLL	ECTIO	N LOG		ODIGIGOO	10.00	SUC	0		young		129/13
Well Numb	er/ID:			Sample	mple ID:			Duplicate ID:				
İ	MP-03- Purging:	2.			mp-03-2					f	\$/A	
Method of I	Purging:			1	of Sampling:				Intake Depth:			
pen.	-pump			<u> </u>	en-pung	<u> </u>					442.0°	
<u>.</u>	tentaan mitabaan maana	T	«anomanomonionomonionom		Field E	quipmen	t	rannananistanan kasada				yuunaasiasianiuuunspiidadaasistiisi
Equipment Model Serial #/Rental ID Date Received/Serviced				Dat	e Calibrated							
Multi-Probe	951-550 OIFOUIPAF 1/28/13 1/20/1					28(13						
Turbidimeter	•	h/	A			Michigan Control of the Control of t		And the second second second second second	-			
Allender	Cas	ing Pur	ge Volur	ne Calcul	alculations Depth to			Wate	er After Samı	oling = 38.9	12 ft.	
A. Depth to W	ater = 15.0	ft.	D. Water	Column (B-	B-A) = 27.80 ft. If applicable			ble, se	e pumping sys	tem volume cald	culations on page 2	
B, Well Total D	Depth = 47.8	<u>C</u> ₽_ft.	E. 1 Well	Volume (C²	ume ($C^2 \times 0.0408 \times D$) = $\bigcirc . \bigcirc \bigcirc$ gal. Pumping System Volum				em Volume =	e = gal/ml		
C. Well Diame	ter = 0.1/2	∌(n	F. 3 Well	Volumes (3	$3 \times E) = 0.48$ gal. Actual Volume Purged (from below) = 700 gal/ml.					<u> 700</u> gal/ml.)		
	Purging Data					V	Vater	Quality	Parar	meters		
Time (24 hr)	Purge Volume □ gal ☑ ml	Flow Ra □ gpn ☑ ml/		Temp (°C)	Specific Conductivity (µS/cm)	Dissolv Oxyge (mg/L	n	рН	F	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks
0925	Initial		Ì	4.09	3436	0.90	0	8.33	} -	1814	०७०।र	
0928	dewa	rered	1/ran	dry a	fter 500 r	nl (1	611	ed Pla	ىلى	-throug	h-all	only)
1055	Samol	ed a	Frer	allowi	ha time-	for w	W.	to rea	hai	MR. TO	tal our	ge volume
		for	113/10	160B)	Ĵ					0 is	~700	MI

		***************************************	***************************************	,								

		and the second second	.,		***************************************			,	*****			· · · · · · · · · · · · · · · · · · ·
	######################################				***************************************			10011111111111111111111111111111111111		««нин»ничанияння анн		
					and the state of t						· (<u>чинна при на п</u>
ин эн и эн и эн и эн и эн и эн и эн и э	-	***************************************						*			,	шинышканын адамын асамын алдамын алдамын алдамын адамын адамын адамын адамын адамын адамын адамын адамын адамы
-	-											amanda kanda da
					,							, , , , , , , , , , , , , , , , , , ,
						anamenaniiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii		(1)))))				
Remarks:												
		<u> энэнганиалиэнган</u>										н исция энцунический энстистический наса
				m)neten meinmeaennin neemme		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	10rananann)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·		
Signature	X	0.1	10		Checker	l Rv					****	



Project Name:			
•	Crown	Cher	rolet

Project/	Task #:
----------	---------

Sampled By:

Date:

20000, 2500210100

H. Young 1/29/13

SAMPLE COL	LECTION LOG	00101001	0.0000	•)	- 'T		
Well Number/ID:		Sample ID:	•		D	uplicate ID:	···········			
mp-03-3 mp-03-3				N/A						
Method of Purging:	1/9"	Method of Sampling:		»····»»»		ntake Depth:	1	_ /	M	***************************************
peri-pump w/ che	ok value on tu	bina 1/4" tob	ing w	check h	alve	•	5b	D.		
O Field Equipment										
Equipment	Model	Serial #/Ren	tal ID	Date Re	ceive	d/Serviced	E	Date C	alibrated	
Multi-Probe	YS1-552	, 01F0619A	F	V	28	13	١,	28	(3	
Turbidimeter	N/A								,	

Turbidimeter N/	A	Va23
	urge Volume Calculations	Depth to Water After Sampling = 36. ft.
A. Depth to Water = 1428 ft.	D. Water Column (B-A) = $\frac{42.2}{}$ ft.	If applicable, see pumping system volume calculations on page 2
B. Well Total Depth = 50.48 ft	. E. 1 Well Volume (C ² x 0.0408 x D) =	gal. Pumping System Volume = gal/ml
C. Well Diameter = 015 in.	F. 3 Well Volumes (3 x E) = 2. 42.	gal. Actual Volume Purged (from below) = 150 gal ml.

	Purging Data		Water Quality Parameters							
Time (24 hr)	Purge Volume □ gal M ml	Flow Rate □ gpm ☑ ml/min	Temp (°C)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	рН 7.56	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks	
1010	Initial	50	7.90	1272	5.78	302 ·	34.9			
1018	150	50	8.92	1155	4.99	7.94	38,8			
(028	650	100	10,36	1281	2.10	8.01	-195.1			
1033	1450		10,31	1293	1.07	7.91	-196.0	~		
1036	1450		10.23	1295	0.95	7.92	-198.1			
1039	1750	V	10.26	1294	1,07	7.91.	-202.2			
	001441111141111444114114141414141414141								,	
							,			
(0.00.00.00.00.00.00.00.00.00.00.00.00.0		• (41.114) >>> >>> >>	**************************************						·	
4			»««»					·		
«поэнээниоэт»										
		Ps.	,							
								,		
	, PPPPPPPHHIDDHCHUMCHHIANAGAAAAA	eddiedauriennia (1931)	***************************************	**************************************	,					
	//									
l	\sim	101.			へい				:	

Sampled@1040 for VOC5 (82608) Remarks: Signature: Checked By:



Project Name:						
CHOLLY	ì	06	'hou	rol	, O	+

***************************************		***********			**********
Pro	iec	t/1	Гas	k .	#:

Sampled By:

Date Received/Serviced

Date:

Orti ii DE GOEDBOILOIT DO	SAMP	LE (COLL	ECTI	ON	LOG
---------------------------	------	------	------	------	----	-----

Well Number/ID:

Sample ID:

Serial #/Rental ID

OD10160070.00006

H. yound Duplicate ID:

1/29/13

MRO4-

Method of Purging:

Equipment

MP-04-/ Method of Sampling:

Intake Depth:

peri-pump

Pen-pump Field Equipment

15.0

Multi-Probe	451-556	01F0619 AF	1/28/13	1/28 13		
Turbidimeter	N/A	en propinsi de agres que que en esta en entre entre en entre en entre en	AND THE RESIDENCE AND THE PROPERTY OF THE PROP			
	ng Purge Volume Calcı	Depth to Water After S	Depth to Water After Sampling = ft.			
A. Depth to Water = 10.4	ft. D. Water Column (I	3-A) = <u>4.59</u> ft.	If applicable, see pumping	system volume calculations on page 2		
P Wall Total Donth - 153	6 ft E 1 Wall Valuma ($r^2 \times 0.0409 \times r0 = 0.03$	nal Bumping System Value			

B. Well Total Depth = \(\text{\cost}\) Tt.	E. I Well Volume (C- x 0.0408)
C. Well Diameter = Oto at in.	F. 3 Well Volumes (3 x E) =

Model

x D) = <u>O,O D</u> gal. | Pumping System Volume = ___

Date Calibrated

01012 Actual Volume Purged (from below) = (OOO gai/ml) **Purging Data Water Quality Parameters** Oxidation Flow Rate Purge Specific Dissolved Time Temp Reduction Turbidity Volume □ gal 🖫 mi □ gpm ☑ ml/min Conductivity Oxygen рΗ Remarks (24 hr) (°C) (NTU) **Potential** $(\mu S/cm)$ (mg/L) (mV) 18.23 1315 1408 Initial 1.70 30 -181.0 30 560 18.01 1400 1.29 7.00 -120.9 13/7 dewatered randry after 1600 ml. Sampled after allowing 1318

Sampled @ 1450 for VOCS (8260B) Remarks:

Signature

Checked By:



Proj	ect	N	aı	n	e	2
------	-----	---	----	---	---	---

Crown Cherrolet

Pro	ject	/Ta	sk	#:	

Sampled By:

Date:

0010100010,00000

HUMMA

1/29/13

SA	MPLE COLL	<u>LECTIO</u>	N LOG			30 (01.00			11.500		15 110	
Well Number/ID: Sample ID:						Г	Duplicate ID:			_		
	MP-04-8	Æ		M	lp-04-2					/A		
Method of			ſ	Method	of Sampling:	: 1/4"+	phidu	I	:ntake Depth ۱ ۱	1.0		
Der I-pun	p/14"top	bind of a	check	-value	· · · · · · · · · · · · · · · · · · ·					1.0		_
»•••««««««««««««««««««««««««««««««««««		-				Equipmen			<u></u>			
Equip	ment		Model	I	Serial #/Re	ental ID	Date R	eceive	ed/Serviced	Dat	te Calibrated	_
Multi-Probe			31-557	v l	01F0619	AF	1/7	28 13 1 28 13			13	
Turbidimeter	•	1	J/A								and the second s	_
	Cas	sing Pur	-	ıme Calcula			Depth to Water After Sampling = $\frac{40.51}{1}$ ft.				.51 ft.	-
A. Depth to W	/ater = <u>11.95</u>	5 ft.	D. Wate	er Column (B-/	A) =29.45	ft on 17	Ifa	pplicable	e, see pumping syst	tem volume cal	culations on page 2	****
B. Well Total I	Depth = 41.4	ι <mark>O</mark> ft,			x 0.0408 x D) =		gal. Pur	nping S	System Volume =	· 9	jal/ml	••••
C. Well Diame	ter = <u>O.000</u>	5 _{in.}	F. 3 Wel	ll Volumes (3	olumes $(3 \times E) = $ gal. Actual Volume Purged (from below) = 815 gal/ $\sqrt{6}$				875 gal/ml.			
	Purging Data				y		Nater Qua	Quality Parameters				
Time (24 hr)	Purge Volume □ gal □ ml	Flow Ra	m	Temp (°C)	Specific Conductivity (µS/cm)	Dissolv Oxyge (mg/L	en 🖯 🖠	рН	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks	
1253	Initial	75		16,74	1870	2.74	8.	28	-210.7			_
1258	ଥୀ5	75	10	(6.68	1867	2.39	1 8.	20	-2384			***
1259	dewat	ered	Iran	dru a	Pter 19	100ml	i. San	npla	ed afte	r all	Divina	****
_	time.	for !	vell	to rec	harge	1	@ 133	0 6	Br VOCS CO	2608)	J	
	-				U			1996-				
												••••
								***************************************	11	-		
								· · · · · · · · · · · · · · · · · · ·		эакиннын корын (тыңын шыны		
				-				***************************************		***************************************		•••
M(111111111111111111111111111111111111							1	40*************************************		-		***
						un decembration de la constantion de la constant		***************************************		***************************************		***
						***************************************	, , , , , , , , , , , , , , , , , , ,	······	***************************************			
						71	wantan and a second	***************************************		B		***
					***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		***************************************	10)2000 2000 2000 2000 2000 2000 2000 20	······		
Remarks:		<u></u>		many and the second sec		_ 			<u>-L</u>	·	1	1
(II))II)))((01,40))),(11)		***************************************		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	пыницияния (((()))) (()) (()) (()) (()) (()) (()		·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	>>+> III.(((4+))->((4+))->(((1))((1))((1))((1))((1))					жиснична	((1)111),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			/ha	g)####################################	•••
Inthone in the second s	Λ		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	D	344644111111111111111111111111111111111		pentumatin pentupan pantus pentus pen	
Signaturé:	20.	M	4		Checke	ad Rv:						-
Digitata. C.	aure	$X \cup V^{\circ}$	<u> </u>		CHECKE	Ju Dy.						



Project Name:

Crown Cherrolet

Proj	ect	/Ta	sk	#:

Sampled By:

Date:

SAMPLE COLLECTION LOG

Well Number/ID:

Sample ID:

H. Young

1/29/13

ルP-0リ-3 Method of Purging:

Duplicate ID:

N/A

M P-04-3
Method of Sampling:

Intake Depth:

pen-pump

peri-pump

40

Field Equipment

0010100070,0000

Equipment	Model	Serial #/Rental ID	Date Received/Serviced	Date Calibrated
Multi-Probe	481-550	OIFOULA AF	1/28/13	1/28/13
Turbidimeter	N/A			

Depth to Water After Sampling = 21.54 ft.

A. Depth to Water = 13.78 ft.

D. Water Column (B-A) = 44.52 ft.

F. 3 Well Volumes $(3 \times E) = 2.78$

If applicable, see pumping system volume calculations on page 2

B. Well Total Depth = 58.30 ft.

C. Well Diameter = 2:0725 in.

E. 1 Well Volume ($C^2 \times 0.0408 \times D$) = 0.26 gal.

Pumping System Volume = _

Actual Volume Purged (from below) = 1350 gal/ml.)

	Purging Data		Water Quality Parameters						
Time (24 hr)	Purge Volume □ gal 1⁄2 ml	Flow Rate ☐ gpm ☑ ml/min	Temp (°C)	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	pH .	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks
1217	Initial	50	14.01	1343	4.30	8.78	-164.0		
1222	750		14.50	1318	2.57	8.16	-164.9		
1225	900		14.42	1300	1,95	8.04	-n3.2		
1228	1050		14.31	1294	1.55	7.95	-173,0		
1231	1200		14.29	1278	1,35	7.88	-171.5	<u> </u>	
1234	1350	<u> </u>	14,40	1758	1.25	7.89	-168.8		
***************************************			nd						
ранууулганын кануалынын амылагы									
»			min and a second second second second second second second second second second second second second second se						
, , , , , , , , , , , , , , , , , , ,									
						-			
	,								
							, ,		
Domarko	0	1 017	26	1005 (0)	24 00				

Remarks:	Sampled	e 1235	for vocs	(82608)	1			
				<u> </u>				
	(1)					1100 mm 1100 mm 1100 mm 1100 mm 1100 mm 1100 mm 1100 mm 1100 mm 1100 mm 1100 mm 1100 mm 1100 mm 1100 mm 1100 m	шында омонуунун кашыш ы аны аны аны а	
			4			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

Signature: 4

Checked By:



Project Name:	Crown	Chev
---------------	-------	------

Project/Task #:

OD 10160070/6

Sampled By:

RDP

Date:

SAMPLE COLLECTION LOG					02 10 100	2010	, 6		104	•	- 244	.13	
Well Number/ID: Sampl									Duplicate ID:				
					W2-012913								
					od of Sampling:				Intake Depth:				
Pe	al bon	M		per	Domb					14	1		
		Ĭ			Field E	quipment	<u>t</u>						
Equip	oment		Mod	el	Serial #/Rental ID D			eceive	ed/Serviced	Date Calibrated			
Multi-Probe		γs	1 55	56	y51-556.32		1-2	। ८-	13	1-28-13			
Turbidimete	r		œ		300°C VI			æ					
	Cas	sing Pu	rge Vol	ume Calcul	ations		De	pth to V	Vater After Samp	pling = 9.3	7 _ft.		
A. Depth to W	/ater = <u>9.3</u>	5 ft.	D. Wat	ter Column (B-	A) =	ft.	If a	pplicable	, see pumping sys	tem volume calcı	ılations on į	page 2	
B. Well Total I	Depth = 19.0	ft.	E. 1 W	'ell Volume (C²	x 0.0408 x D) =	(gal. Pur	mping S	System Volume = gal/ml				
C. Well Diame	eter = 3/4	in.	F. 3 W	'ell Volumes (3	× E) =	gal.	Act	ual Volu	ume Purged (fro	m below) = 4	000 g	al/m	
	Purging Data					v	/ater Qua	ality Pa	rameters				
Time (24 hr)	Purge Volume □ gal ⊯ ml	Flow F	m	Temp (°C)	Specific Dissolved Oxygen (µS/cm) (mg/L)		n	pH Oxidation Reduction Potential (mV)		Turbidity (NTU) Remarks		marks	
0810	500	100	5	14.64	699	1.43	2 প্ত	8.27	236		clear 9.		
0815	500	100	3	15.31	888	1.66	, 8	.19	154		11	4.48	
0830	500	100		15.75	746	0.70	g.	K	145		/1	/1	
082 5	500	100		16.00	757	1.21	8.02	02	146		ħ	9.48	
0830	500	100	5	16.27	771	0.36	7.	7.85	143		11	11	
835	500	100)	16.37	772	0.41	7.	79	140		11	11	
844	500	160		16.39	774	0.40	ን 7.	70	136		Şa	mple	
								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
		1		allimone.								particular de la constantina della constantina d	
					ė				the				
										1			
Remarks:	:	i		i					11		lif		
				-1									
											,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
								///·····					
Signature:		1			Checke	d Bv:							
											TIST !		



Proj	ect	Na	me	2:
------	-----	----	----	----

Clown Cher

Pro	iect	:/Tas	k #:

MONITORING WELL SAMPLE COLLECTION LOG					Project/Task #: 0010166070			1	oled By:	Date:		
								F	OP.		1-29-13	
Well Number/ID: Sample					e ID:			D	Duplicate ID:			
				1-2-1-012913								
				d of Sampling:	_		I	ntake Depth				
Pen	pom	N C		1	peri puu	-						
	and the state of t				Field E	quipment	<u> </u>					
Equipment M			Mode	e l	Serial #/Rental ID Da		Dat	te Received/Serviced		Date Calibrated		
Multi-Probe												
Turbidimete	er		-									
	Cas	ing Pur	ge Volu	olume Calculations D			Depth to W	Depth to Water After Sampling = 10.36 ft.				
A. Depth to V	Vater = 10.3	🏄 ft.	D. Wate	er Column (B	-A) =	ft.		If applicable,	, see pumping sys	tem volume calc	ulations on page 2	
B. Well Total Depth = 13.00 ft. E. 1			E. 1 W∈	Well Volume ($C^2 \times 0.0408 \times D$) = gal. Pum				Pumping S	mping System Volume = gal/ml			
C. Well Diame	eter = 3/8	_in.	F. 3 We	ll Volumes (3 x E) =	gal.		Actual Volu	ıme Purged (fro	ged (from below) = $i8\infty$ gal/ml.		
	Purging Data					w	ater	Quality Pa	rameters			
Time (24 hr)	Purge Volume ☐ gal ☐ mi	Flow R gpr mi/	n	Temp (°C)	Specific Conductivity (µS/cm)	Dissolve Oxyger (mg/L)	1	рН	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks	
0912	5 hhial	අව		11.79	1060	9.60	•	7.78	-49		clarely	
0917	400	80		2.54	1306	9.00		7.86	-99		11	
0922	400	80		2.93	1263	7.08	. i	7.88	-98		Clarer	
0927	400	80		2.79	1223			7.83	-59		Clear	
0933	dry			2.34	1183	6.09		7.86	~35			
0942	1/4	CIN	Dle_									
	/ ωγ						···					
				-								
					100							
					•••••••••••••••••••••••••••••••••••••••	watermarker to the second			-			
- January - January - Line - L											100	
					10000	**************************************						
				······································								
,												
Remarks:												
						onini sulutai						

ani/s at regardences and	энсиновии									manufacture of Statement		
Signature:					Checker	l Rv:						



SAMPLE COLLECTION LOG

Project	Name:
---------	-------

Crown Chev

Project/Task #: | Sa

OD 1016 0070

Sampled By: RDP

Date:

1-29-13

Well Numb	er/ID:			Sample ID: MP-2-2				Duplicate ID:			
Method of	Purging:	P			d of Sampling: પ્રભાષ	anning anning	***************************************	011	Intake Depth 37		
		· · · · · · · · · · · · · · · · · · ·			Field Ed	quipmen	t				
Equip	ment		Mode	el	Serial #/Rental ID Date Rece			e Receiv	ed/Serviced	Date	e Calibrated
Multi-Probe		Y51	556	,	YS1556 , 3	32	1-	28-13		1-28-	13
Turbidimete	•		1								
	Cas	ing Pur	ge Volu	ıme Calcu	lations			Depth to	Water After Sam	oling = 29.	33 _{ft.}
A. Depth to W	ater = 10 · 6	7 ft.	D. Wate	er Column (B	B-A) = f	t.		If applicabl	e, see pumping sys	tem volume calcu	ulations on page 2
B. Well Total I	Depth = <u>37. (</u>	<u>)</u> ft.	E. 1 We	ell Volume (C	$C^2 \times 0.0408 \times D) = 0.0408 \times D$	9	gal.	Pumping	System Volume =	= ga	l/ml
C. Well Diame	ter = 3/8	_in.	F. 3 We	ell Volumes (3 x E) =	gal.		Actual Vo	lume Purged (fro	m below) = 🧘	50 ○ gal/ ⑥
	Purging Data					V	Vater	Quality P	arameters		
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow R □ gpr □ ml/	n	Temp (°C)	Specific Conductivity (µS/cm)	Dissolve Oxyge (mg/L)	n	рН	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks
1005	क्तिनिश्च	60	60 117		771	11.08	5	7.66	-69		doubly
010	300	60	1,	2.56	1109	1,33	S	7.70	-126		7)
1012	dry	30	0 128°		1117	0,46	5	7.75	-123		\\
0.89	3										
Remarks:											
Signature:					Checked	l By:					



SAMPLE COLLECTION LOG

Project	Name:
----------------	-------

Project/Task #: Samp DD 10160670 RI

Proj	ect/	T	as	k	#	:	
					_	_	-

Sampled By: RDP

Date: 1-29-13

	Vell Number/ID: Duplicate ID:										
	mP-2-3 MP-2-3-612913										
Method of					l of Sampling:			1	ntake Depth:		
pern	Brond			4001	volve				5	1	
					4	quipmen	·····				
Equip	Equipment Model Serial #/Rental ID Date Received/Serviced Date Calibration					e Calibrated					
Multi-Probe											(1000) (**********************************
Turbidimete	r										
	Cas	ing Pu	rge Vo	lume Calcul	ations			Depth to W	/ater After Samp	oling = 28.0	<u>21</u> ft.
A. Depth to W	/ater = 13.38	3 _ft.	D. Wa	iter Column (B-	-A) = f	t.		If applicable	, see pumping sys	tem volume calcı	ulations on page 2
	Depth = 57.	<u>たち</u> ft.	E. 1 V	Vell Volume (C ²	² x 0.0408 x D) = _		gal.	Pumping S	ystem Volume =	= ga	l/ml
C. Well Diame	eter = <u>3/8</u>	_in.	F. 3 W	Vell Volumes (3	3 x E) =	gal.		Actual Volu	ıme Purged (fro	m below) = 1	200 gal(ml.)
	Purging Data					1	Vate	r Quality Pa	rameters		
Time (24 hr)	Purge Volume □ gal □ mi	Flow F	m i	Temp (°C)	Specific Conductivity (µS/cm)	Dissolv Oxyge (mg/L	n	рН	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks
1110	र्जिति।			14.17	636	11.18		7.92	-57		coods
1115	3∞			14.75	1118	1.46	2	8.22	-168		71
120	700			14.60	1113	1.19		8.20	≈163		17
	vind	201									
1125	200			14.61	1112	1.10		8.37	-168		7 7
145	50ા	mp/	e								
		1									
•											
			N. 10 (10)								
					a e Jan Div						
						-,494				and have	
Remarks:						!					à.
			30H1N444-1944(441-1 4) 144-14	militions minimum militions							The state of the s
		THE STATE OF THE S	<u> </u>						urs.		
								шийй по			
Signature:				an,	Checke	d Bv:					
oignature.					J. CORO.						



Project Name:

Crown Cher

Proje	ct/Ta	isk	#:	
150	-11	~	1	

Sampled By: RDP

Date: 1-29-13

01,00,910,10 **SAMPLE COLLECTION LOG Duplicate ID:** Well Number/ID: Sample ID: MP-1-1-012913 Method of Sampling: **Intake Depth:** Method of Purging: Desci DUMO Der DUMP **Field Equipment Date Calibrated** Model Serial #/Rental ID Date Received/Serviced Equipment YS1556, 32 1-28-13 1-28-13 V51 556 Multi-Probe Turbidimeter Depth to Water After Sampling = 11.49 ft. **Casing Purge Volume Calculations** A. Depth to Water = 11.49 ft. D. Water Column (B-A) = _____ft. If applicable, see pumping system volume calculations on page 2 B. Well Total Depth = 17.15 ft. E. 1 Well Volume ($C^2 \times 0.0408 \times D$) = ____ Pumping System Volume = _____ gal/ml C. Well Diameter = 3/8 Actual Volume Purged (from below) = $2(\infty)$ gal/ml) F. 3 Well Volumes $(3 \times E) =$ gal. **Water Quality Parameters Purging Data** Oxidation Purge Flow Rate **Specific** Dissolved Turbidity Temp Reduction Time Remarks Conductivity Oxygen Volume □ gpm pΗ **Potential** (NTU) (24 hr) (°C) ml/min (mg/L) ☐ gal ☐ ml $(\mu S/cm)$ (mV) FAR 10-13 7.84 14.45 722 - ユ clear 80 1255 77 0.38 14.83 1402 8,02 -27 80 1300 400 -28 1396 0.20 8.02 15.14 400 80 1305 0.19 802 15.15 1391 400 1310 80 8.0 1383 0.20 80 15.23 400 1315 5ample 1320 Remarks: Checked By: Signature:



Project Name:

Crown Cher

Pr	oj	ect	/T	ask	#
----	----	-----	----	-----	---

Sampled By:

Date:

SAMPLE COLLECTION LOG

0D10160070

BDB

1-29-13

Well Number/1D: Sample 1D: Duplicate 1D: WP-1-2 WP-1-2-012913 Method of Purging: Method of Sampling: Intake Depth: Per Pump Per pump 43											
					of Sampling:	impling: Intake Depth					
	-11	<u> </u>				ıuipmer	it		, -		7
Equi	oment		Mode	el	Serial #/Ren	tal ID	Da	te Receive	d/Serviced	Dat	e Calibrated
Multi-Probe		Y51	550	0	YS1556.	32		1-28-	3	l-≯	8-13
Turbidimete	r	- Mille (1995)	-				Î				in the second second second second second second second second second second second second second second second
	Cas	sing Pur	ge Volu	ume Calcul	ations			Depth to V	Vater After Sam	pling = 28.	<u>}</u> ft.
A. Depth to Water = 12.59 ft. D. Water Column (B-A) =					·A) = f	t.	(670)	If applicable	, see pumping sys	tem volume calc	ulations on page 2
B. Well Total	Depth = <u>43</u> .	. ංඉ ft.	E. 1 We	ell Volume (C	x 0.0408 x D) = _	37/6	gal.	Pumping S	ystem Volume =	= ga	al/ml
C. Well Diame	eter = 3/8	in.	F. 3 We	ell Volumes (3	x E) =	gal.		Actual Volu	ıme Purged (fro	m below) = $\underline{1}$	0 00 gal∭
	Purging Data						Wate	r Quality Pa		qualitare residential and an arrangement of the control of the con	.
Time (24 hr)	Purge Volume ☐ gal ☐ ml	Flow R gpr ml/	n	Temp (°C)	Specific Conductivity (μS/cm)	Dissolv Oxyge (mg/l	n	pН	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks
1335	AARI .	60	3	15.03	651	9.4	0	7.63	-38		Clear
		TI.	ングゼ	dy		<i></i>					
1351	300		1111 200-110-0	14.50	1245	8.5	L	7.91	-34		aowly
1356	200		1	4.28	1227	8.11		7.96	-108		CIECRY
		Sauni	DE.	- 1411							
			V	***							
WALLES TO THE TOTAL OF THE TOTA											
											Januaria de la composición del composición de la composición de la composición del composición de la composición del composición de la composición de la composición de la composición de la composición de la composición del composición del composición del composición del composición del composición del composición del composición del composición del composición del compo
								li		20	
		-		~#s						and the second of the second o	44-110-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
				promission promission come							
Remarks:	1]						
				IIMI (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				2			
											*
					The second secon						
Signature:					Checked	d By:			9 . 4	5 1	



Project/Task #:

Project Name:

Sampled By:

Date:

RING WELL OD-10160070

RDB

1-29-13

Well Number/ID: Sa					Sample ID: VUP-1-3-012913						
Method of F Pさて		P			of Sampling:	, 4		Intake Depth: 57			
	0000				Field Ed	quipment	·				
Equip	Equipment		Mode		Serial #/Rer	ntal ID	Date Recei	ved/Serviced	Dat	e Calibrated	
Multi-Probe		γs	1 55	b	Y51556.	32	1-28	·-13	1-5	18-13	
Turbidimeter			0(25			
	Cas	ing Pu	ge Volu	ıme Calcul	ations		Depth to	Water After Sam	pling = 39	12 ft.	
A. Depth to Wa	ater = <u>14.1</u>	9 _ft.	D. Wate	er Column (B-	A) = f	ft.	If applica	ble, see pumping sys	tem volume cal	culations on page 2	
B. Well Total D	epth = 57 ,	55 ft.	E. 1 We	ell Volume (C²	x 0.0408 x D) =	ga	al. Pumping	System Volume =	= 9	al/ml	
C. Well Diamet	er = 3/8	_in.	F. 3 We	ell Volumes (3	x E) =	gal.	Actual V	olume Purged (fro	m below) = 📘	<u>つりつ</u> gal/ml.	
	Purging Data					w	ater Quality	Parameters			
Time (24 hr)	Purge Volume □ gal □ ml	Flow R	m	Temp (°C)	Specific Conductivity (µS/cm)	Dissolve Oxygen (mg/L)	pН	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Remarks	
1440	5nAQ	60		14.39	670	9.56	8.10	-99	-	cloudy	
444	300	d	ins	15.39	1238	0.16	8.54	7-171		doub	
458	200		/	14.80	1224	0.06	2 8.53	-153		Cloudy	
	Saw	ple	2, -]	5.09						ions of sitt	
W. Carlotte											
7.7						=======================================					
								Castal and a			
Domarka											
Remarks:										4.004	
	3.63				100000000000000000000000000000000000000						
Signature:		Y.			Checke	d By:					

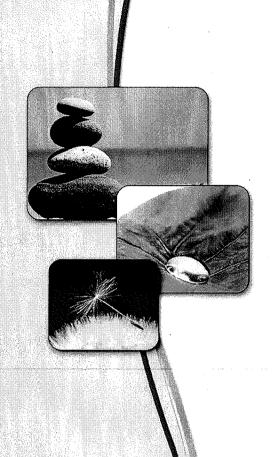


APPENDIX B

Laboratory Analytical Reports



IARORAT	OPTS FOR	O SAMDIFS	COLLECTE) BV AMEC



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: 720-47453-1 Client Project/Site: Crown Chevrolet

Revision: 1

For:

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

Attn: Avery Patton

Akenof Sal 3

Authorized for release by: 2/22/2013 4:53:47 PM

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

...... Links

Review your project results through

Have a Question?



Visit us at: www.testamericainc.com

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

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

2

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
	5
Client Sample Results	7
QC Sample Results	23
n e e e e e e e e e e e e e e e e e e e	37
	38
Certification Summary	40
	41
Sample Summary	42
Chain of Custody	43
	44

Definitions/Glossary

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

Gl	088	ar	у

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

Case Narrative

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

Job ID: 720-47453-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-47453-1

Revised Report on 2/22/13.

Comments

No additional comments.

Receipt

The samples were received on 1/29/2013 4:44 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7° C.

GC/MS VOA

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 720-47453-2,8,9 is due to the presence of discrete peak and does not match our Gasoline standard.

No other analytical or quality issues were noted.

4

Detection Summary

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

TestAmerica Job ID: 720-47453-1

Client Sample ID: MW-03						La	b Sample ID: 7	ZU-4/403
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Prep Type
Chlorobenzene	4.8		0.50		ug/L	1	8260B/CA_LUFT MS	Total/NA
1,2-Dichlorobenzene	1.7	,	0.50		ug/L	1	8260B/CA_LUFT MS	Total/NA
cis-1,2-Dichloroethene	0.65		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
							IVIS	
Client Sample ID: MP-03-1	· · · · · · · · · · · · · · · · · · ·					La	b Sample ID: 7	20-47453-
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Prep Type
cis-1,2-Dichloroethene	0.63	II AND THE THE DESCRIPTION OF THE PERSON OF	0.50		ug/L	1	8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	150		0.50		ug/L	. 1	8260B/CA_LUFT MS	Total/NA
Trichloroethene	11	^	0.50		ug/L	1	8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) C5-C12	230	K	50		ug/L	1	8260B/CA_LUFT MS	Total/NA
Client Sample ID: TB012913		· · · · · · · · · · · · · · · · · · ·					b Sample ID: 7	2047453
Client Sample ID: MP-03-3						La	b Sample ID: 7	20-47453
No Detections								
Client Sample ID: MP-03-2						La	b Sample ID: 7	'20-47453-
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Prep Type
Acetone	68	4 5 - 1400 - 1400 - 1400 - 1400 - 1400 - 1400 - 1400 - 1400 - 1400 - 1400 - 1400 - 1400 - 1400 - 1400 - 1400 -	50		ug/L	. 1	8260B/CA_LUFT MS	Total/NA
2-Hexanone	58		50		ug/L	1	8260B/CA_LUFT	Total/NA
nds.			,				. IVIO	
Client Sample ID: MP-04-3			,			Lal	o Sample ID: 7	20-47453-
No Detections								
Client Sample ID: MP-04-2				*		Lal	o Sample ID: 7	20-47453-
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	O Method	Prep Type
2-Hexanone	53	Accidence and Advisor of Control of	50		ug/L	1	8260B/CA_LUFT MS	Total/NA
Client Comple ID: MW 04								
Client Sample ID: MW-01						Lal	o Sample ID: 7	
Analyte	Result	Qualifier	RL	MDL	Unit		o Sample ID: 7	
	Result 160	Qualifier	RL 0.50	MDL	Unit ug/L			20-47453-

This Detection Summary does not include radiochemical test results.

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

Client Sample ID: MW-01 (Cor	ntinued)					Li	ab S	Sample ID: 7	20-47453	-{
Analyte	Result	Qualifier	·RL	MDL	Unit	Dil Fac	D I	Method	Prep Type	
Talablassations			0.50			4			T-4-1/11A	_

 Trichloroethene
 1.1
 0.50
 ug/L
 1
 8260B/CA_LUFT
 Total/NA

 MS

 Gasoline Range Organics (GRO)
 160 R
 50
 ug/L
 1
 8260B/CA_LUFT
 Total/NA

 -C5-C12
 MS

Client Sample ID: MW-100 Lab Sample ID: 720-47453-9

Analyte	Result Qualifier	RL.	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	160	0.50		ug/L	1	_	8260B/CA_LUFT	Total/NA
Trichloroethene	1.1	0.50		ug/L	1		8260B/CA_LUFT	Total/NA
Gasoline Range Organics (GRO) C5-C12	160 R	50		ug/L	. 1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MP-04-1 Lab Sample ID: 720-47453-10

	Analyte	Result	Qualifier	RL	MDL Unit	Dil Fac	D	Method	Prep Type
	Tetrachloroethene	20		0.50	ug/L	1		8260B/CA_LUFT	Total/NA
			`	0.50				MS	/ 1/21A
4	Trichloroethene	8.4		0.50	ug/L	1		8260B/CA_LUFT MS	Total/NA

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

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

Client Sample ID: MW-03 Date Collected: 01/29/13 08:15 Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-1

_43	Oumpic	10.	1 40-7	1 400-1	
		N	latrix:	Water	

Analyte Result Cupl. DP Propaged Analyzed DIF Propaged Methyl Introvily olfere ND 0.50 upl. 017807312253 1 Acottone ND 0.50 upl. 017807312253 1 Benomene ND 0.50 upl. 017807312253 1 Dichloroboromenehane ND 1.0 upl. 017807312253 1 Enomonemene ND 1.0 <td< th=""><th>Date Received: 01/29/13 16:44</th><th></th><th></th><th></th><th></th><th>_</th><th></th><th></th><th></th></td<>	Date Received: 01/29/13 16:44					_			
Acethace ND 50 ug1. 01/30/13 (25.3) 1 Bernstrem ND 0.50 ug1. 01/30/13 (25.3) 1 Dictrior bornomethane ND 0.50 ug1. 01/30/13 (25.3) 1 Bornomethane ND 1.0 ug1. 01/30/13 (25.3) 1 Bromorethane ND 1.0 ug1. 01/30/13 (25.3) 1 Bromorethane ND 1.0 ug1. 01/30/13 (25.3) 1 Bromorethane ND 1.0 ug1. 01/30/13 (25.3) 1 See-Bullybersaren ND 1.0 ug1. 01/30/13 (25.3) 1 Bern Bullybersaren ND 1.0 ug1. 01/30/13 (25.3) 1 Carbon stakene ND 1.0 ug1. 01/30/13 (25.3) 1 Carbon stakene ND 5.0 ug1. 01/30/13 (25.3) 1 Carbon stakene ND 5.0 ug1. 01/30/13 (25.3) 1 Chilorochemae AD </th <th>1742-1877-1878-1878-1874-1874-1874-1874-1874</th> <th></th> <th>Qualitier</th> <th></th> <th></th> <th></th> <th>Prepared</th> <th></th> <th></th>	1742-1877-1878-1878-1874-1874-1874-1874-1874		Qualitier				Prepared		
Benzeme									1
Dichlorobrommethane									1
Bornebenzene									
Chiloroform ND					-				•
Bromomethane ND 1.0 ug/L 0159/13 1253 1	t in the second of the second				_				
Bromonethame ND									
2-Butanner (MEK) ND 50 ug/L 018041 12:58 1 n-Butybenzene ND 1.0 ug/L 0170013 12:53 1 cose-Butybenzene ND 1.0 ug/L 0170013 12:53 1 ten-Butybenzene ND 1.0 ug/L 0178013 12:53 1 Carbon disulfide ND 0.50 ug/L 018013 12:53 1 Carbon tetrackloride ND 0.50 ug/L 018013 12:53 1 Chloroberzone 4.8 0.50 ug/L 013013 12:53 1 Chlorocherzone ND 1.0 ug/L 013013 12:53 1 Chlorocherzone ND 1.0 ug/L 013013 12:53 1 Chlorocherzone ND 0.50 ug/L 013013 12:53 1 Chlorocherzone ND 0.50 ug/L 013013 12:53 1 Chlorocherzone ND 0.50 ug/L 013013 12:53 1 L'2-Dichlorocherzone ND									
Public placemen ND									
sec-Butylhenzene ND	· · ·								
tert-Butylbenzare ND 1.0 ug/L 01/30/13 12:53 1 Carbon disulfide ND 5.0 ug/L 01/30/13 12:53 1 Carbon tetrachloride ND 0.50 ug/L 01/30/13 12:53 1 Chlorobenzene 4.8 0.50 ug/L 01/30/13 12:53 1 Chloroform ND 1.0 ug/L 01/30/13 12:53 1 Chloroform ND 1.0 ug/L 01/30/13 12:53 1 Chlorofoluene ND 0.50 ug/L 01/30/13 12:53 1 4-Chlorofoluene ND 0.50 ug/L 01/30/13 12:53 1 4-Chlorofoluene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichlorobenz									
Carbon disulfide ND 5.0 ug/l. 01/30/13 12/53 1 Carbon tetrachioride ND 0.50 ug/l. 01/30/13 12/53 1 Chloroethane ND 1.0 ug/l. 01/30/13 12/53 1 Chloroethane ND 1.0 ug/l. 01/30/13 12/53 1 Chloroethane ND 1.0 ug/l. 01/30/13 12/53 1 Chloroethane ND 0.50 ug/l. 01/30/13 12/53 1 1,2-Dichloroethane ND 0.50 ug/l. 01/30/13 12/53 1 1,1-Dichloroethane									
Carbon tetrachloride ND 0.50 ug/L 01/30/13 12:53 1 Chlorobenzene 4.8 0.50 ug/L 01/30/13 12:53 1 Chlorobenzene ND 1.0 ug/L 01/30/13 12:53 1 Chloroform ND 1.0 ug/L 01/30/13 12:53 1 Chlorodulene ND 0.50 ug/L 01/30/13 12:53 1 Chlorodibrene ND 0.50 ug/L 01/30/13 12:53 1 Chlorodibrene ND 0.50 ug/L 01/30/13 12:53 1 Chlorodibromomethane ND 0.50 ug/L 01/30/13 12:53 1 Chlorodibromomethane ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichlorobenzene 1,7 0.50 ug/L 01/30/13 12:53 1 1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dich									
Chlorobenzene 4.8 0.50 ug/L 01/30/13 12:53 1 Chloroethane ND 1.0 ug/L 01/30/13 12:53 1 Chloroform ND 1.0 ug/L 01/30/13 12:53 1 Chloromethane ND 1.0 ug/L 01/30/13 12:53 1 2-Chlorotoluene ND 0.50 ug/L 01/30/13 12:53 1 2-Chlorotoluene ND 0.50 ug/L 01/30/13 12:53 1 Chlorotilorene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichlorobenzene 1.7 0.50 ug/L 01/30/13 12:53 1 1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 1,4-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylencolibr									
Chlorotethane	Carbon tetrachloride				_				•
Chloroform ND 1.0 ug/L 01/30/13 12:53 1 Chloromethane ND 1.0 ug/L 01/30/13 12:53 1 2-Chlorotoluene ND 0.50 ug/L 01/30/13 12:53 1 4-Chlorotoluene ND 0.50 ug/L 01/30/13 12:53 1 4-Chlorotobrane ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,4-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,4-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,4-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,4-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1								•	
Chloromethane ND 1.0 ug/L 01/30/13 12:53 1 2-Chlorotoluene ND 0.50 ug/L 01/30/13 12:53 1 4-Chlorotoluene ND 0.50 ug/L 01/30/13 12:53 1 Chlorodibromethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichlorobenzene 1.7 0.50 ug/L 01/30/13 12:53 1 1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichloropenzene ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 Ethylene Dibromide ND 0.50 ug/L 01/30/13 12:53 1 Ethylene Dibromide ND 0.50 ug/L 01/30/13 12:53 1					ug/L			01/30/13 12:53	1
2-Chlorotoluene ND 0.50 ug/L 01/30/13 12:53 1 4-Chlorotoluene ND 0.50 ug/L 01/30/13 12:53 1 Chlorotolbromomethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichlorobenzene 1.7 0.50 ug/L 01/30/13 12:53 1 1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichloropropane ND 1.0 ug/L 01/30/13 12:53 1 1,1-Dichloropropane ND 1.0 ug/L 01/30/13 12:53 1 1,2-Dibromo-3-Chloropropane ND 1.0 ug/L 01/30/13 12:53 1 1,2-Dibromo-3-Chloropropane ND 1.0 ug/L 01/30/13 12:53 1 1,2-Dibromo-3-Chloropropane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichlorodropropane ND 0.50 ug/L 01/30/13 12:53 1 Dibromomethane ND 0.50 ug/L 01/30/13 12:53				1.0	ug/L				1
4-Chlorotoluene ND 0.50 ug/L 01/30/13 12:53 1 Chlorodbrommethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,4-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichloropropane ND 1.0 ug/L 01/30/13 12:53 1 1,2-Dibromo-3-Chloropropane ND 0.50 ug/L 01/30/13 12:53 1 Ethylene Dibromide ND 0.50 ug/L 01/30/13 12:53 1 Dichlorodfithoromethane ND 0.50 ug/L 01/30/13 12	Chloromethane				ug/L			01/30/13 12:53	. 1
Chlorodibromomethane	2-Chlorotoluene	ND		0.50	ug/L			01/30/13 12:53	1
1,2-Dichlorobenzene 1,7 0.50 ug/L 01/30/13 12:53 1 1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,4-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichloropropane ND 1.0 ug/L 01/30/13 12:53 1 1,1-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 Dibridoropropane ND 0.50 ug/L 01/30/13 12:53 1 Dibridoroffluoromethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroffluoromethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroffluoromethane ND 0.50 ug/L 01/30/13 12:53	4-Chlorotoluene	ND		0.50	ug/L			01/30/13 12:53	1
1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,4-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichloropropane ND 1.0 ug/L 01/30/13 12:53 1 1,1-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dibromo-3-Chloropropane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dibromo-3-Chloropropane ND 0.50 ug/L 01/30/13 12:53 1 Ethylene Dibromide ND 0.50 ug/L 01/30/13 12:53 1 Dibromorethane ND 0.50 ug/L 01/30/13 12:53 1 Dichlorodifluoromethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 <td< td=""><td>Chlorodibromomethane</td><td>ND</td><td></td><td>0.50</td><td>ug/L</td><td></td><td></td><td>01/30/13 12:53</td><td> 1</td></td<>	Chlorodibromomethane	ND		0.50	ug/L			01/30/13 12:53	1
1,4-Dichlorobenzene ND 0.50 ug/L 01/30/13 12:53 1 1,3-Dichloropropane ND 1.0 ug/L 01/30/13 12:53 1 1,1-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dibromo-3-Chloropropane ND 0.50 ug/L 01/30/13 12:53 1 Ethylene Dibromide ND 0.50 ug/L 01/30/13 12:53 1 Dibromoethane ND 0.50 ug/L 01/30/13 12:53 1 Dichlorodifluoromethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1	1,2-Dichlorobenzene	1.7		0.50	ug/L			01/30/13 12:53	1
1,3-Dichloropropane ND 1.0 ug/L 01/30/13 12:53 1 1,1-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropane ND 1.0 ug/L 01/30/13 12:53 1 Ethylene Dibromide ND 0.50 ug/L 01/30/13 12:53 1 Dibromomethane ND 0.50 ug/L 01/30/13 12:53 1 Dichlorodifluoromethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 tarns-1,2-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1	1,3-Dichlorobenzene	, ND		0.50	ug/L			01/30/13 12:53	1
1,1-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dibiromo-3-Chloropropane ND 1.0 ug/L 01/30/13 12:53 1 Ethylene Dibromide ND 0.50 ug/L 01/30/13 12:53 1 Dibromomethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroptopethene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1	1,4-Dichlorobenzene	ND		0.50	ug/L			01/30/13 12:53	1
1,2-Dibromo-3-Chloropropane ND 1.0 ug/L 01/30/13 12:53 1 Ethylene Dibromide ND 0.50 ug/L 01/30/13 12:53 1 Dibromomethane ND 0.50 ug/L 01/30/13 12:53 1 Dichlorodifluoromethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 <	1,3-Dichloropropane	ND		1.0	ug/L			01/30/13 12:53	1
Ethylene Dibromide ND 0.50 ug/L 01/30/13 12:53 1 Dibromomethane ND 0.50 ug/L 01/30/13 12:53 1 Dibromomethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 trans-1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,3-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1	1,1-Dichloropropene	ND		0.50	ug/L				1
Dibromomethane ND 0.50 ug/L 01/30/13 12:53 1 Dichlorodifluoromethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethene 0.65 0.50 ug/L 01/30/13 12:53 1 trans-1,2-Dichloroethene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 <td>1,2-Dibromo-3-Chloropropane</td> <td>.ND</td> <td></td> <td>1.0</td> <td>ug/L</td> <td></td> <td></td> <td>01/30/13 12:53</td> <td>1</td>	1,2-Dibromo-3-Chloropropane	.ND		1.0	ug/L			01/30/13 12:53	1
Dichlorodiffluoromethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethene ND 0.50 ug/L 01/30/13 12:53 1 cis-1,2-Dichloroethene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,2-Dichloroethene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Hexachlorobutadiene ND 1.0 ug/L 01/30/13 12:53 1 2-Hexanne ND 50 ug/L 01/30/13 12:53 1 </td <td>Ethylene Dibromide</td> <td>ND</td> <td></td> <td>0.50</td> <td>ug/L</td> <td></td> <td></td> <td>01/30/13 12:53</td> <td>1</td>	Ethylene Dibromide	ND		0.50	ug/L			01/30/13 12:53	1
1,1-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethene ND 0.50 ug/L 01/30/13 12:53 1 cis-1,2-Dichloroethene 0.65 0.50 ug/L 01/30/13 12:53 1 trans-1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Hexachlorobutadiene ND 1.0 ug/L 01/30/13 12:53 1 Sepropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53	Dibromomethane	ND		0.50	ug/L			01/30/13 12:53	1
1,2-Dichloroethane ND 0.50 ug/L 01/30/13 12:53 1 1,1-Dichloroethene ND 0.50 ug/L 01/30/13 12:53 1 cis-1,2-Dichloroethene 0.65 0.50 ug/L 01/30/13 12:53 1 trans-1,2-Dichloroptehene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Hexachlorobutadiene ND 1.0 ug/L 01/30/13 12:53 1 Sepropylbenzene ND 50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 1.0 ug/L 01/30/13 12:53 1 <td>Dichlorodifluoromethane</td> <td>ND</td> <td></td> <td>0.50</td> <td>ug/L</td> <td></td> <td></td> <td>01/30/13 12:53</td> <td>1</td>	Dichlorodifluoromethane	ND		0.50	ug/L			01/30/13 12:53	1
1,1-Dichloroethene ND 0.50 ug/L 01/30/13 12:53 1 cis-1,2-Dichloroethene 0.65 0.50 ug/L 01/30/13 12:53 1 trans-1,2-Dichloroethene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Hexachlorobutadiene ND 0.50 ug/L 01/30/13 12:53 1 2-Hexanone ND 50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 50 ug/L 01/30/13 12:53 1	1,1-Dichloroethane	ND		0.50	ug/L			01/30/13 12:53	1
cis-1,2-Dichloroethene 0.65 0.50 ug/L 01/30/13 12:53 1 trans-1,2-Dichloroethene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Hexachlorobutadiene ND 1.0 ug/L 01/30/13 12:53 1 2-Hexanone ND 50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 50 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/30/13 12:53 1	1,2-Dichloroethane	ND		0.50	ug/L			01/30/13 12:53	1
trans-1,2-Dichloroethene ND 0.50 ug/L 01/30/13 12:53 1 1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Hexachlorobutadiene ND 1.0 ug/L 01/30/13 12:53 1 2-Hexanone ND 50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 5.0 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MiBK) ND 50 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 <t< td=""><td>1,1-Dichloroethene</td><td>ND</td><td></td><td>0.50</td><td>ug/L</td><td></td><td></td><td>01/30/13 12:53</td><td>1</td></t<>	1,1-Dichloroethene	ND		0.50	ug/L			01/30/13 12:53	1
1,2-Dichloropropane ND 0.50 ug/L 01/30/13 12:53 1 cis-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Hexachlorobutadiene ND 1.0 ug/L 01/30/13 12:53 1 2-Hexanone ND 50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 5.0 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MIBK) ND 5.0 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	cis-1,2-Dichloroethene	0.65		0.50	ug/L			01/30/13 12:53	1
cis-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Hexachlorobutadiene ND 1.0 ug/L 01/30/13 12:53 1 2-Hexanone ND 50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 5.0 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	trans-1,2-Dichloroethene	ND		0.50	ug/L			01/30/13 12:53	1
trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 12:53 1 Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Hexachlorobutadiene ND 1.0 ug/L 01/30/13 12:53 1 2-Hexanone ND 50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 5.0 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	1,2-Dichloropropane	ND		0.50	ug/L			01/30/13 12:53	. 1
Ethylbenzene ND 0.50 ug/L 01/30/13 12:53 1 Hexachlorobutadiene ND 1.0 ug/L 01/30/13 12:53 1 2-Hexanone ND 50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 5.0 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	cis-1,3-Dichloropropene	ND		0.50	ug/L			01/30/13 12:53	1
Hexachlorobutadiene ND 1.0 ug/L 01/30/13 12:53 1 2-Hexanone ND 50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 5.0 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	trans-1,3-Dichloropropene	ND		0.50	ug/L			01/30/13 12:53	1
2-Hexanone ND 50 ug/L 01/30/13 12:53 1 Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 5.0 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	Ethylbenzene	ND		0.50	ug/L			01/30/13 12:53	1
Isopropylbenzene ND 0.50 ug/L 01/30/13 12:53 1 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 5.0 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	Hexachlorobutadiene	ND		1.0	ug/L			01/30/13 12:53	1
4-Isopropyltoluene ND 1.0 ug/L 01/30/13 12:53 1 Methylene Chloride ND 5.0 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MiBK) ND 50 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	2-Hexanone	ND		50	. ug/L			01/30/13 12:53	1
Methylene Chloride ND 5.0 ug/L 01/30/13 12:53 1 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	Isopropylbenzene	ND		0.50	ug/L			01/30/13 12:53	1
4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/30/13 12:53 1 Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	4-Isopropyltoluene	ND		1.0	ug/L			01/30/13 12:53	1
Naphthalene ND 1.0 ug/L 01/30/13 12:53 1 N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	Methylene Chloride	ND		5.0	ug/L			01/30/13 12:53	1
N-Propylbenzene ND 1.0 ug/L 01/30/13 12:53 1 Styrene ND 0.50 ug/L 01/30/13 12:53 1	4-Methyl-2-pentanone (MIBK)	ND		50	ug/L			01/30/13 12:53	1
Styrene • ND 0.50 ug/L 01/30/13 12:53 1	Naphthalene	ND		1.0	ug/L			01/30/13 12:53	1
	N-Propylbenzene	ND		1.0	ug/L			01/30/13 12:53	1
1,1,1,2-Tetrachloroethane ND 0.50 ug/L 01/30/13 12:53 1	Styrene ·	ND		0.50	ug/L			01/30/13 12:53	1
	1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			01/30/13 12:53	1

TestAmerica Pleasanton

Page 7 of 44

2/22/2013

Project/Site: Crown Chevrolet

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

Client Sample ID: MW-03 Date Collected: 01/29/13 08:15 Lab Sample ID: 720-47453-1 Matrix: Water

Date Received: 01/29/13 16:44						
Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L		01/30/13 12:53	1
Tetrachloroethene	11	0.50	ug/L		01/30/13 12:53	1
Toluene	ND	0.50	ug/L		01/30/13 12:53	1
1,2,3-Trichlorobenzene	ND .	1.0	ug/L		01/30/13 12:53	1
1,2,4-Trichlorobenzene	ND	1.0	ug/L		01/30/13 12:53	1
1,1,1-Trichloroethane	ND	0.50	ug/L		01/30/13 12:53	1
1,1,2-Trichloroethane	ND .	0.50	ug/L		01/30/13 12:53	1
Trichloroethene	1.1	0.50	ug/L		01/30/13 12:53	. 1
Trichlorofluoromethane	ND	1.0	ug/L		01/30/13 12:53	1
1,2,3-Trichloropropane	ND	0.50	ug/L		01/30/13 12:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	ug/L		01/30/13 12:53	. 1
1,2,4-Trimethylbenzene	ND	0.50	ug/L		01/30/13 12:53	1
1,3,5-Trimethylbenzene	ND	0.50	ug/L		01/30/13 12:53	1
Vinyl acetate	ND	10	ug/L		01/30/13 12:53	1
Vinyl chloride	ND	0.50	ug/L		01/30/13 12:53	1
Xylenes, Total	ND	1.0	ug/L		01/30/13 12:53	1
2,2-Dichloropropane	ND	0.50	ug/L		01/30/13 12:53	1
Gasoline Range Organics (GRO) -C5-C12	ND .	, 50	ug/L		01/30/13 12:53	1

 Surrogate	%Recovery	Qualifier Limits	Prepared	Analyzed	Dil Fac
 4-Bromofluorobenzene	93	67 - 130		01/30/13 12:53	1
 1,2-Dichloroethane-d4 (Surr)	106	75 - 138		01/30/13 12:53	1
 Toluene-d8 (Surr)	97	70 - 130		01/30/13 12:53	1

Client Sample ID: MP-03-1 Date Collected: 01/29/13 09:10 Lab Sample ID: 720-47453-2

Matrix: Water

Date Received: 01/29/13 16:44							
Analyte	Result	Qualifier	RL	MDL Unit	D . Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	ug/L	Committee Commit	01/29/13 22:59	1
Acetone	ND		50	ug/L		01/29/13 22:59	1
Benzene	ND		0.50	ug/L		01/29/13 22:59	1
Dichlorobromomethane	ND		0.50	ug/L		01/29/13 22:59	1
Bromobenzene	ND		1.0	ug/L		01/29/13 22:59	. 1
Chlorobromomethane	ND		1.0	ug/L		01/29/13 22:59	1
Bromoform	ND		1.0	ug/L		01/29/13 22:59	1
Bromomethane	ND		1.0	ug/L		01/29/13 22:59	1
2-Butanone (MEK)	ND		50	ug/L		01/29/13 22:59	1
n-Butylbenzene	ND		1.0	ug/L		01/29/13 22:59	1
sec-Butylbenzene	ND		1.0	ug/L		01/29/13 22:59	1
tert-Butylbenzene	ND		1.0	ug/L		01/29/13 22:59	1
Carbon disulfide	ND		5.0	ug/L		01/29/13 22:59	1
Carbon tetrachloride	ND		0.50	ug/L		01/29/13 22:59	1
Chlorobenzene	ND		0.50	ug/L	,	01/29/13 22:59	1
Chloroethane	ND		1.0	ug/L		01/29/13 22:59	1
Chloroform	ND		1.0	ug/L		01/29/13 22:59	1
Chloromethane	ND		1.0	ug/L		01/29/13 22:59	1
2-Chlorotoluene	ND		0.50	ug/L		01/29/13 22:59	1
4-Chiorotoluene	ND		0.50	ug/L		01/29/13 22:59	. 1
Chlorodibromomethane	ND		0.50	ug/L		01/29/13 22:59	1

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

Client Sample ID: MP-03-1

Date Collected: 01/29/13 09:10

TestAmerica Job ID: 720-47453-1

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

Lab Sample ID: 720-47453-2

Matrix: Water

Gasoline Range Organics (GRO) -C5-C12 Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
	•								
	~50	• •		•	-				
	230	R	50		ug/L			01/29/13 22:59	1
2,2-Dichloropropane	ND		0.50		ıg/L			01/29/13 22:59	1
Xylenes, Total	. ND		1.0		ug/L			01/29/13 22:59	. 1
Vinyl acetate Vinyl chloride	ND		0.50		ug/L			01/29/13 22:59	1
Vinyl acetate	. ND		10		ıg/L			01/29/13 22:59	1
1,3,5-Trimethylbenzene	ND		0.50		ig/L			01/29/13 22:59	1
1,1,2-Trichloro-1,2,2-thildoroethane 1,2,4-Trimethylbenzene	ND ND		0.50		ug/L			01/29/13 22:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			01/29/13 22:59	1
1,2,3-Trichloropropane	ND		0.50		ug/L	٠		01/29/13 22:59	1
Trichlorofluoromethane	ND		1.0		ug/L			01/29/13 22:59	1
Trichloroethene	11		0.50		ug/L			01/29/13 22:59	1
1,1,2-Trichloroethane	ND		0.50		ug/L			01/29/13 22:59	1
1,1,1-Trichloroethane	ND		0.50		ug/L			01/29/13 22:59	1
1,2,4-Trichlorobenzene	. ND		1.0		ug/L			01/29/13 22:59	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/29/13 22:59	1
Toluene	ND		0.50		ug/L			01/29/13 22:59	1
Tetrachloroethene	150		0.50		ug/L			01/29/13 22:59	•
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			01/29/13 22:59	
1,1,1,2-Tetrachloroethane	ND.		0.50		ug/L			01/29/13 22:59	,
Styrene	, ND		0.50		ug/L			01/29/13 22:59	
N-Propylbenzene	ND		1.0		ug/L			01/29/13 22:59	
laphthalene	, ND		1.0		ug/L			01/29/13 22:59	
4-Methyl-2-pentanone (MIBK)	. ND		- 50		ug/L			01/29/13 22:59	
Methylene Chloride	ND		5.0		ig/L			01/29/13 22:59	
i-Isopropyltoluene	ND		1.0		ug/L			01/29/13 22:59	
sopropylbenzene	ND		0.50		ug/L			01/29/13 22:59	
2-Hexanone	. ND		50		ug/L			01/29/13 22:59	
lexachlorobutadiene	ND		1.0	t	ug/L			01/29/13 22:59	
Ethylbenzene	ND		0.50	ι	ug/L	•		01/29/13 22:59	•
rans-1,3-Dichloropropene	ND		0.50		ug/L			01/29/13 22:59	
is-1,3-Dichloropropene	ND		0.50		ug/L			01/29/13 22:59	
1,2-Dichloropropane	ND		0.50	ι	ug/L			01/29/13 22:59	
rans-1,2-Dichloroethene	ND		0.50	ι	ug/L			01/29/13 22:59	
cis-1,2-Dichloroethene	0.63		0.50		ug/L			01/29/13 22:59	
1,1-Dichloroethene	ND		0.50	ι	ug/L			01/29/13 22:59	
1,2-Dichloroethane	ND		0.50	ι	ug/L			01/29/13 22:59	
1,1-Dichloroethane	ND		0.50	(ug/L			01/29/13 22:59	
Dichlorodifluoromethane	ND		0.50	i	ug/L			01/29/13 22:59	
Dibromomethane	ND		0.50	t	ug/L		•	01/29/13 22:59	
Ethylene Dibromide	ND		0.50	ı	ug/L			01/29/13 22:59	
,2-Dibromo-3-Chloropropane	ND		1.0	ı	ug/L			01/29/13 22:59	•
1,1-Dichloropropene	ND		0.50	ı	ug/L			01/29/13 22:59	
,3-Dichloropropane	ND		1.0		ug/L			01/29/13 22:59	
,4-Dichlorobenzene	ND		0.50	•	ug/L			01/29/13 22:59	
1,3-Dichlorobenzene	ND		0.50		ug/L			01/29/13 22:59	
1,2-Dichlorobenzene	ND		0.50		ug/L			01/29/13 22:59	
Analyte	Result	Qualifier	RL	MDL I	Unit	D	Prepared	Analyzed	Dil Fa

Lab Sample ID: 720-47453-2

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

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

Client Sample ID: MP-03-1 Date Collected: 01/29/13 09:10 Date Received: 01/29/13 16:44

		Matrix	: Water	
				3335.

 Surrogate
 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed
 Dil Fac

 1,2-Dichloroethane-d4 (Surr)
 109
 75 - 138
 01/29/13 22:59
 1

 Toluene-d8 (Surr)
 101
 70 - 130
 01/29/13 22:59
 1

Client Sample ID: TB012913

Date Collected: 01/29/13 09:20

Lab Sample ID: 720-47453-3

Matrix: Water

Date Received: 01/29/13 16:44									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	· .	ug/L			01/29/13 22:29	1
Acetone	ND		50		ug/L			01/29/13 22:29	1
Benzene	ND		0.50		ug/L			01/29/13 22:29	1
Dichlorobromomethane	ND		0.50		ug/L			01/29/13 22:29	1
Bromobenzene	ND		1.0		ug/L			01/29/13 22:29	1
Chlorobromomethane	ND		1.0		ug/L			01/29/13 22:29	1
Bromoform	ND		1.0		ug/L			01/29/13 22:29	1
Bromomethane	ND		1.0		ug/L			01/29/13 22:29	1
2-Butanone (MEK)	ND		50		ug/L			01/29/13 22:29	1
n-Butylbenzene	ND		1.0		ug/L			01/29/13 22:29	1
sec-Butylbenzene	ND		1.0		ug/L			01/29/13 22:29	1
tert-Butylbenzene	ND	•	1.0		ug/L			01/29/13 22:29	1
Carbon disulfide	ND		5.0		ug/L			01/29/13 22:29	1
Carbon tetrachloride	ND		0.50		ug/L			01/29/13 22:29	1
Chlorobenzene	ND		0.50		ug/L			01/29/13 22:29	1
Chloroethane	. ND		1.0		ug/L			01/29/13 22:29	1
Chloroform	ND		1.0		ug/L			01/29/13 22:29	1
Chloromethane	ND		1.0		ug/L			01/29/13 22:29	1
2-Chlorotoluene	ND		0.50		ug/L			01/29/13 22:29	1
4-Chlorotoluene	ND	•	0.50		ug/L			01/29/13 22:29	1
Chlorodibromomethane	ND		0.50		ug/L			01/29/13 22:29	1
1,2-Dichlorobenzene	ND		0.50		ug/L		•	01/29/13 22:29	1
1,3-Dichlorobenzene	ND		0.50	•	ug/L			01/29/13 22:29	1
1,4-Dichlorobenzene	ND		0.50		ug/L			01/29/13 22:29	1
1,3-Dichloropropane	ND		1.0		ug/L			01/29/13 22:29	1
1,1-Dichloropropene	ND		0.50		ug/L			01/29/13 22:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			01/29/13 22:29	1
Ethylene Dibromide	ND		0.50		ug/L			01/29/13 22:29	. 1
Dibromomethane	ND		0.50		ug/L			01/29/13 22:29	1
Dichlorodifluoromethane	ND		0.50		ug/L			01/29/13 22:29	1
1,1-Dichloroethane	ND		0.50		ug/L			01/29/13 22:29	1
1,2-Dichloroethane	ND		0.50		ug/L			01/29/13 22:29	1
1,1-Dichloroethene	ND		0.50		ug/L			01/29/13 22:29	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			01/29/13 22:29	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			01/29/13 22:29	1
1,2-Dichloropropane	ND		0.50		ug/L			01/29/13 22:29	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			01/29/13 22:29	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			01/29/13 22:29	1
Ethylbenzene	ND		0.50		ug/L			01/29/13 22:29	1
Hexachlorobutadiene	ND		1.0		ug/L			01/29/13 22:29	1
2-Hexanone	ND		50		ug/L			01/29/13 22:29	1
Isopropylbenzene	ND		0.50		ug/L			01/29/13 22:29	1
1 17	.,,,				g. -			,,	•

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

Client Sample ID: TB012913

Date Collected: 01/29/13 09:20

TestAmerica Job ID: 720-47453-1

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

Lab Sample ID: 720-47453-3

Matrix: Water

	Date Received: 01/29/13 16:44									
1	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	4-Isopropyltoluene	ND		1.0		ug/L			01/29/13 22:29	1
	Methylene Chloride	ND		5.0		ug/L			01/29/13 22:29	1
	4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/29/13 22:29	1

ND	1.0	ug/L		01/29/13 22:29	1
ND	5.0	ug/L		01/29/13 22:29	1
ND	50	ug/L		01/29/13 22:29	1
ND	. 1.0	ug/L		01/29/13 22:29	1
ND	1.0	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	1
ND	1.0	ug/L		01/29/13 22:29	1
ND	1.0	ug/L		01/29/13 22:29	. 1
ND	0.50	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	1
ND	1.0	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	· * 1
ND	0.50	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	1
ND	10	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	1
ND	1.0	ug/L		01/29/13 22:29	1
ND	0.50	ug/L		01/29/13 22:29	. 1
ND	50	ug/L		01/29/13 22:29	1
	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND 5.0 ND 50 ND 1.0 ND 0.50 ND 0.50 ND 0.50 ND 0.50 ND 1.0 ND 1.0 ND 0.50 ND 0.50	ND 5.0 ug/L ND 50 ug/L ND 1.0 ug/L ND 1.0 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 1.0 ug/L ND 0.50 ug/L ND 0.50	ND 5.0 ug/L ND 50 ug/L ND 1.0 ug/L ND 1.0 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 1.0 ug/L ND 0.50 ug/L ND 0	ND 5.0 ug/L 01/29/13 22:29 ND 50 ug/L 01/29/13 22:29 ND 1.0 ug/L 01/29/13 22:29 ND 1.0 ug/L 01/29/13 22:29 ND 0.50 ug/L 01/29/13 22:29 ND 1.0 ug/L 01/29/13 22:29 ND 1.0 ug/L 01/29/13 22:29 ND 0.50 ug/L 01/29/13 22:29

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130		01/29/13 22:29	1
1,2-Dichloroethane-d4 (Surr)	105		75 - 138		01/29/13 22:29	1
Toluene-d8 (Surr)	97		70 130		01/20/13 22:20	1

Client Sample ID: MP-03-3 Date Collected: 01/29/13 10:40

Lab Sample ID: 720-47453-4 Matrix: Water

ved: 01/29/13 16:44								
Resul	t Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
yl ether NI)	0.50		ug/L			01/29/13 23:28	1
NI) .	50		ug/L			01/29/13 23:28	1
NI	· ·	0.50		ug/L			01/29/13 23:28	1
methane NI)	0.50		ug/L			01/29/13 23:28	1
e NE		1.0		ug/L			01/29/13 23:28	1
nethane NE)	1.0		ug/L			01/29/13 23:28	1
NI NI)	1.0		ug/L			01/29/13 23:28	1
e NE)	1.0		ug/L			01/29/13 23:28	1
IEK) NE)	50		ug/L			01/29/13 23:28	1
e NI) ,	1.0		ug/L			01/29/13 23:28	1
ene NI)	1.0		ug/L			01/29/13 23:28	1
ene NI	· ·	1.0		ug/L			01/29/13 23:28	1
de NE)	5.0		ug/L			01/29/13 23:28	1
lloride NE)	0.50		ug/L	•		01/29/13 23:28	1
	yl ether NE	Result Qualifier yl ether ND ND nmethane ND e ND nethane ND e ND e ND e ND e ND e ND de ND de ND de ND de ND de ND de ND de ND de ND de ND de ND	Result Qualifier RL tyl ether ND 0.50 ND 50 ND 0.50 emethane ND 1.0 nethane ND 1.0 ene ND 1.0 ene ND 1.0 ene ND 1.0 ene ND 5.0	Result Value Qualifier RL MDL Involved the result of the properties of the proper	Result Qualifier RL MDL Unit tyl ether ND 0.50 ug/L ND 0.50 ug/L emethane ND 0.50 ug/L ee ND 1.0 ug/L nethane ND 1.0 ug/L ee ND 1.0 ug/L IEK) ND 50 ug/L ee ND 1.0 ug/L ene ND 1.0 ug/L ene ND 1.0 ug/L ene ND 1.0 ug/L ene ND 5.0 ug/L	Result Qualifier RL	Result Qualifier RL MDL Unit D Prepared	Result Qualifier RL MDL Unit D Prepared Analyzed

TestAmerica Pleasanton

Page 11 of 44

2/22/2013

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

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

Client Sample ID: MP-03-3 Lab Sample ID: 720-47453-4

Date Collected: 01/29/13 10:40 Matrix: Water Date Received: 01/29/13 16:44 Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chlorobenzene ND 0.50 ug/L 01/29/13 23:28 Chloroethane ND 1.0 ua/L 01/29/13 23:28 Chloroform NΠ 1.0 01/29/13 23:28 ug/L Chloromethane ND 1.0 ug/L 01/29/13 23:28 2-Chlorotoluene ND 0.50 ug/L 01/29/13 23:28 ND 01/29/13 23:28 4-Chlorotoluene 0.50 ug/L Chlorodibromomethane ND 0.50 ug/L 01/29/13 23:28 01/29/13 23:28 1,2-Dichlorobenzene ND 0.50 ug/L 01/29/13 23:28 1.3-Dichlorobenzene ND 0.50 ua/L ND 0.50 1.4-Dichlorobenzene ug/L 01/29/13 23:28 ND 1.0 01/29/13 23:28 1,3-Dichloropropane ug/L ND 0.50 ug/L 01/29/13 23:28 1 1.1-Dichloropropene NΩ 01/29/13 23:28 1.2-Dibromo-3-Chloropropane 1.0 ug/L 1 Ethylene Dibromide ND 0.50 ug/L 01/29/13 23:28 ND Dibromomethane 0.50 ug/L 01/29/13 23:28 Dichlorodifluoromethane ND 01/29/13 23:28 0.50 ua/L NΩ 1,1-Dichloroethane 0.50 ug/L 01/29/13 23:28 1,2-Dichloroethane ND 0.50 01/29/13 23:28 ug/L 1,1-Dichloroethene ND 0.50 ug/L 01/29/13 23:28 1 ND 01/29/13 23:28 cis-1.2-Dichloroethene 0.50 ug/L trans-1,2-Dichloroethene ND 0.50 ug/L 01/29/13 23:28 1 ND 1,2-Dichloropropane 0.50 ug/L 01/29/13 23:28 ND 01/29/13 23:28 cis-1.3-Dichloropropene 0.50 ua/L trans-1,3-Dichloropropene ND 0.50 ug/L 01/29/13 23:28 Ethylbenzene ND 0.50 ug/L 01/29/13 23:28 Hexachlorobutadiene ND 1.0 01/29/13 23:28 ug/L ND 50 01/29/13 23:28 2-Hexanone ug/L Isopropylbenzene ND 0.50 ug/L 01/29/13 23:28 ND 4-Isopropyltoluene 1.0 ug/L 01/29/13 23:28 ND Methylene Chloride 5.0 ua/L 01/29/13 23:28 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/29/13 23:28 Naphthalene ND 1.0 01/29/13 23:28 ug/L N-Propylbenzene ND 1.0 01/29/13 23:28 ug/L ND Styrene 0.50 01/29/13 23:28 ug/L 1,1,1,2-Tetrachloroethane ND 0.50 01/29/13 23:28 ug/L 1,1,2,2-Tetrachloroethane ND 0.50 ug/L 01/29/13 23:28 ND Tetrachloroethene 0.50 ua/L 01/29/13 23:28 ND Toluene 0.50 ug/L 01/29/13 23:28 ND 01/29/13 23:28 1,2,3-Trichlorobenzene 1.0 ug/L ND ug/L 01/29/13 23:28 1.2.4-Trichlorobenzene 1.0 ND 1,1,1-Trichloroethane 0.50 ug/L 01/29/13 23:28 1,1,2-Trichloroethane ND 0.50 01/29/13 23:28 ug/L ND 0.50 01/29/13 23:28 Trichloroethene ua/L Trichlorofluoromethane NΩ 1.0 ug/L 01/29/13 23:28 1,2,3-Trichloropropane ND 0.50 ug/L 01/29/13 23:28 1,1,2-Trichloro-1,2,2-trifluoroethane ND 0.50 ug/L 01/29/13 23:28 1,2,4-Trimethylbenzene ND 0.50 ug/L 01/29/13 23:28 1,3,5-Trimethylbenzene ND 0.50 ug/L 01/29/13 23:28 Vinyl acetate ND 10 ug/L 01/29/13 23:28 1

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

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

Client Sample ID: MP-03-3 Date Collected: 01/29/13 10:40 Lab Sample ID: 720-47453-4 Matrix: Water

Date Received: 01/29/13 16:44

Client Sample ID: MP-03-2

1,1-Dichloroethene

cis-1,2-Dichloroethene

trans-1,2-Dichloroethene

Date Collected: 01/29/13 10:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Vinyl chloride	ND		0.50		ug/L			01/29/13 23:28		1
Xylenes, Total	ND		1.0		ug/L			01/29/13 23:28		1
2,2-Dichloropropane	ND		0.50		ug/L			01/29/13 23:28		1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			01/29/13 23:28		1

Surrogate %Recovery Qualifier Limits Prepared Dil Fac Analyzed 4-Bromofluorobenzene 93 67 - 130 01/29/13 23:28 1,2-Dichloroethane-d4 (Surr) 108 75 - 138 01/29/13 23:28 Toluene-d8 (Surr) 98 70 - 130 01/29/13 23:28

> Lab Sample ID: 720-47453-5 Matrix: Water

Date Received: 01/29/13 16:44 Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Methyl tert-butyl ether ND 0.50 ug/L 01/29/13 23:57 Acetone 68 50 ug/L 01/29/13 23:57 ND Benzene 0.50 ua/L 01/29/13 23:57 Dichlorobromomethane ND 0.50 ug/L 01/29/13 23:57 Bromobenzene ND 1.0 01/29/13 23:57 ug/L Chlorobromomethane ND 1.0 ug/L 01/29/13 23:57 Bromoform ND 1.0 ug/L 01/29/13 23:57 Bromomethane ND 1.0 ug/L 01/29/13 23:57 2-Butanone (MEK) ND 50 01/29/13 23:57 ug/L n-Butylbenzene ND ug/L 1.0 01/29/13 23:57 sec-Butylbenzene ND 1.0 ug/L 01/29/13 23:57 tert-Butylbenzene NΠ 1.0 ug/L 01/29/13 23:57 Carbon disulfide ND 5.0 ug/L 01/29/13 23:57 Carbon tetrachloride ND 0.50 ug/L 01/29/13 23:57 Chlorobenzene ND 0.50 ug/L 01/29/13 23:57 Chloroethane ND 1.0 ug/L 01/29/13 23:57 Chloroform ND 1.0 ug/L 01/29/13 23:57 Chloromethane ND 1.0 ug/L 01/29/13 23:57 2-Chlorotoluene ND 0.50 ug/L 01/29/13 23:57 4-Chlorotoluene ND 0.50 ug/L 01/29/13 23:57 ug/L Chlorodibromomethane ND 0.50 01/29/13 23:57 1.2-Dichlorobenzene ND 0.50 ug/L 01/29/13 23:57 1,3-Dichlorobenzene ND 0.50 ug/L 01/29/13 23:57 1,4-Dichlorobenzene ug/L ND 0.50 01/29/13 23:57 1,3-Dichloropropane ND 1.0 ug/L 01/29/13 23:57 1,1-Dichloropropene ND 0.50 01/29/13 23:57 ug/L 1,2-Dibromo-3-Chloropropane ND 1.0 01/29/13 23:57 ug/L Ethylene Dibromide ND 0.50 ug/L 01/29/13 23:57 Dibromomethane ND 0.50 ug/L 01/29/13 23:57 Dichlorodifluoromethane ND 0.50 ug/L 01/29/13 23:57 1,1-Dichloroethane ND 0.50 ug/L 01/29/13 23:57 1.2-Dichloroethane ND 0.50 ug/L 01/29/13 23:57

TestAmerica Pleasanton

01/29/13 23:57

01/29/13 23:57

01/29/13 23:57

0.50

0.50

0.50

ug/L

ug/L

ug/L

ND

ND

ND

Client Sample ID: MP-03-2

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

Lab	Sample	ID:	720-4	7	453-5

Matrix: Water

Date	Collected:	01/29/13 10:55	
Date	Received:	01/29/13 16:44	

Analyte	Result	Qualifier RL	MDL Unit	D Pre	epared Analyzed	Dil Fac
1,2-Dichloropropane	ND	0.50	ug/L		01/29/13 23:57	7 1
cis-1,3-Dichloropropene	ND	0.50	ug/L		01/29/13 23:57	7 1
trans-1,3-Dichloropropene	ND	0.50	ug/L		01/29/13 23:57	7 1
Ethylbenzene	ND	0.50	ug/L		01/29/13 23:57	7 1
Hexachlorobutadiene	ND	1.0	ug/L		01/29/13 23:57	7 1
2-Hexanone	58	50	ug/L		01/29/13 23:57	7 1
Isopropylbenzene	ND	0.50	ug/L		01/29/13 23:57	7 . 1
4-Isopropyltoluene	ND	1.0	ug/L		01/29/13 23:57	1
Methylene Chloride	ND	5.0	ug/L		01/29/13 23:57	7 1
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L		01/29/13 23:57	7 1
Naphthalene	ND	1.0	ug/L		01/29/13 23:57	1
N-Propylbenzene	ND	1.0	ug/L		01/29/13 23:57	1
Styrene	ND	0.50	ug/L		01/29/13 23:57	1
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L		01/29/13 23:57	1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L		01/29/13 23:57	1
Tetrachloroethene	ND	0.50	ug/L		01/29/13 23:57	1
Toluene .	ND	0.50	ug/L		01/29/13 23:57	1
1,2,3-Trichlorobenzene	ND	1.0	ug/L		01/29/13 23:57	1
1,2,4-Trichlorobenzene	ND.	1.0	ug/L		01/29/13 23:57	1
1,1,1-Trichloroethane	ND	0.50	ug/L		01/29/13 23:57	1
1,1,2-Trichloroethane	ND	0.50	ug/L		01/29/13 23:57	1
Trichloroethene	ND	0.50	ug/L		01/29/13 23:57	1
Trichlorofluoromethane	ND	1.0	ug/L	•	01/29/13 23:57	1
1,2,3-Trichloropropane	ND	0.50	ug/L		01/29/13 23:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	. ug/L		01/29/13 23:57	1
1,2,4-Trimethylbenzene	. ND	0.50	ug/L	•	01/29/13 23:57	1
1,3,5-Trimethylbenzene	ND.	0.50	ug/L		01/29/13 23:57	1
Vinyl acetate	ND:	10	ug/L		01/29/13 23:57	. 1
Vinyl chloride	ND	0.50	ug/L		01/29/13 23:57	1
Xylenes, Total	ND	1.0	ug/L		01/29/13 23:57	1
2,2-Dichloropropane	ND	0.50	ug/L		01/29/13 23:57	1
Gasoline Range Organics (GRO) -C5-C12	ND	50	ug/L		01/29/13 23:57	1
Surrogate	%Recovery	Qualifier Limits		Pre	epared Analyzed	Dil Fac

Client Sample ID: MP-04-3

4-Bromofluorobenzene

Toluene-d8 (Surr)

1,2-Dichloroethane-d4 (Surr)

Date Collected: 01/29/13 12:35

Lab Sample	ID: 720-47453-6
	Matrix: Water

01/29/13 23:57

01/29/13 23:57

01/29/13 23:57

Date Received: 01/29/13 16:44								
Analyte	Result	Qualifier	RL MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND	(0.50	ug/L			01/30/13 00:26	1
Acetone	ND		50	ug/L			01/30/13 00:26	1
Benzene	ND	(.50	ug/L			01/30/13 00:26	1
Dichlorobromomethane	. ND	().50	ug/L			01/30/13 00:26	1
Bromobenzene	ND		1.0	ug/L			01/30/13 00:26	1
Chlorobromomethane	ND		1.0	ug/L			01/30/13 00:26	1
Bromoform	ND		1.0	ug/L			01/30/13 00:26	1

67 - 130

75 ₋ 138

70 - 130

94

109

97

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

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

Client Sample ID: MP-04-3 Date Collected: 01/29/13 12:35 Lab Sample ID: 720-47453-6 Matrix: Water

Date Received: 01/29/13 16:44

Date Received: 01/29/13 16:44 Analyte	Result	Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Bromomethane	ND	control de distriction de la control de de la Colonia de l	1.0	ug/L		01/30/13 00:26	1
2-Butanone (MEK)	ND		50	ug/L		01/30/13 00:26	1
n-Butylbenzene	ND		1.0	ug/L		01/30/13 00:26	1
sec-Butylbenzene	ND		1.0	ug/L		01/30/13 00:26	1
tert-Butylbenzene	ND		1.0	ug/L		01/30/13 00:26	1
Carbon disulfide	ND		5.0	ug/L		01/30/13 00:26	1
Carbon tetrachloride	ND		0.50	ug/L		01/30/13 00:26	1
Chlorobenzene	ND		0.50	ug/L		01/30/13 00:26	1
Chloroethane	ND		1.0	uġ/L		01/30/13 00:26	1
Chloroform	ND		1.0	ug/L		01/30/13 00:26	1
Chloromethane	ND		, 1.0	ug/L		01/30/13 00:26	. 1
2-Chlorotoluene	ND		0.50	ug/L		01/30/13 00:26	1
4-Chlorotoluene	ND		0.50	ug/L	. •	01/30/13 00:26	1
Chlorodibromomethane	ND		0.50	ug/L		01/30/13 00:26	1
1,2-Dichlorobenzene	ND		0.50	ug/L		01/30/13 00:26	1
1,3-Dichlorobenzene	ND		0.50	ug/L	•	01/30/13 00:26	1
1,4-Dichlorobenzene	ND		0.50	ug/L		01/30/13 00:26	1
1,3-Dichloropropane	ND		1.0	ug/L	•	01/30/13 00:26	1
1,1-Dichloropropene	ND		0.50	ug/L		01/30/13 00:26	. 1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L		01/30/13 00:26	1
Ethylene Dibromide	ND		0.50	ug/L		01/30/13 00:26	1
Dibromomethane	ND		0.50	ug/L		01/30/13 00:26	. 1
Dichlorodifluoromethane	ND		0.50	ug/L		01/30/13 00:26	. 1
1,1-Dichloroethane	ND		0.50	ug/L		01/30/13 00:26	1
1,2-Dichloroethane	· ND		0.50	ug/L		01/30/13 00:26	1
1,1-Dichloroethene	ND		0.50	ug/L		01/30/13 00:26	1
cis-1,2-Dichloroethene	ND		0.50	ug/L		01/30/13 00:26	1
trans-1,2-Dichloroethene	ND		0.50	ug/L		01/30/13 00:26	1
1,2-Dichloropropane	, ND		0.50	ug/L		01/30/13 00:26	1
cis-1,3-Dichloropropene	ND		0.50	ug/L		01/30/13 00:26	1
trans-1,3-Dichloropropene	ND		0.50	ug/L		01/30/13 00:26	1
Ethylbenzene	ND		0.50	ug/L		01/30/13 00:26	1
Hexachlorobutadiene	. ND		1.0	ug/L		01/30/13 00:26	1
2-Hexanone	ND		50	ug/L		01/30/13 00:26	1
Isopropylbenzene	ND		0.50	ug/L		01/30/13 00:26	1
4-Isopropyltoluene	ND		1.0	ug/L		01/30/13 00:26	. 1
Methylene Chloride	ND		5.0	ug/L		01/30/13 00:26	1
4-Methyl-2-pentanone (MIBK)	ND		50	ug/L		01/30/13 00:26	1
Naphthalene	ND		1.0	ug/L		01/30/13 00:26	1
N-Propylbenzene	ND		1.0	ug/L		01/30/13 00:26	1
Styrene	ND		0.50	ug/L		01/30/13 00:26	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L		01/30/13 00:26	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L		01/30/13 00:26	1
Tetrachloroethene	ND		0.50	ug/L		01/30/13 00:26	1
Toluene	ND		0.50	ug/L		01/30/13 00:26	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L		01/30/13 00:26	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L	•	01/30/13 00:26	1
1,1,1-Trichloroethane	ND		0.50	ug/L	•	01/30/13 00:26	1
1,1,2-Trichloroethane	· ND		0.50	ug/L		01/30/13 00:26	1

TestAmerica Pleasanton

Page 15 of 44

2/22/2013

â









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

Client Sample ID: MP-04-3 Lab Sample ID: 720-47453-6 Date Collected: 01/29/13 12:35 Matrix: Water Date Received: 01/29/13 16:44

Date Received: 01/29/15 10:44									
Analyte	Result	Qualifier	RL	MDL	Unit	D.	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			01/30/13 00:26	1
Trichlorofluoromethane	ND		1.0		ug/L			01/30/13 00:26	1
1,2,3-Trichloropropane	ND	•	0.50		ug/L			01/30/13 00:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			01/30/13 00:26	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			01/30/13 00:26	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			01/30/13 00:26	1
Vinyl acetate	ND		10		ug/L			01/30/13 00:26	1
Vinyl chloride	ND		0.50		ug/L			01/30/13 00:26	1
Xylenes, Total	ND		1.0		ug/L			01/30/13 00:26	1
2,2-Dichloropropane	, ND		0.50		ug/L			01/30/13 00:26	1
Gasoline Range Organics (GRO) -C5-C12	· ND		50		ug/L			01/30/13 00:26	, 1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		67 - 130		01/30/13 00:26	1
1,2-Dichloroethane-d4 (Surr)	106		75 _ 138		01/30/13 00:26	1
Toluene-d8 (Surr)	97		70 - 130		01/30/13 00:26	1

Client Sample ID: MP-04-2 Lab Sample ID: 720-47453-7 Date Collected: 01/29/13 13:30

Matrix: Water

Date Received: 01/29/13 16:44							•
Analyte	Result	Qualifier RI	MDL Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND	0.50	ug/L			01/30/13 00:56	1
Acetone	ND	50	ug/L			01/30/13 00:56	1
Benzene	ND	0.50	ug/L			01/30/13 00:56	1
Dichlorobromomethane	ND	0.50	ug/L			01/30/13 00:56	1
Bromobenzene	ND	, 1.0	ug/L		*	01/30/13 00:56	. 1
Chlorobromomethane	ND	1.0	ug/L			01/30/13 00:56	1
Bromoform	ND	1.0	ug/L			01/30/13 00:56	1
Bromomethane	, ND	1.0	ug/L			01/30/13 00:56	1
2-Butanone (MEK)	ND	50	ug/L			01/30/13 00:56	1
n-Butylbenzene	, ND	1.0	ug/L			01/30/13 00:56	1
sec-Butylbenzene	ND	1.0	ug/L			01/30/13 00:56	1
tert-Butylbenzene	ND	1.0	ug/L			01/30/13 00:56	1
Carbon disulfide	ND	5.0	ug/L		-	01/30/13 00:56	1
Carbon tetrachloride	ND	0.50	ug/L			01/30/13 00:56	1
Chlorobenzene	ND	0.50	ug/L			01/30/13 00:56	1
Chloroethane	ND	1.0	ug/L			01/30/13 00:56	. 1
Chloroform	. ND	1.0	ug/L			01/30/13 00:56	1
Chloromethane	ND	1.0	ug/L			01/30/13 00:56	1
2-Chlorotoluene	ND	0.50	ug/L			01/30/13 00:56	1
4-Chlorotoluene	ND	0.50	ug/L			01/30/13 00:56	1
Chlorodibromomethane	ND	. 0.50	ug/L			01/30/13 00:56	1
1,2-Dichlorobenzene	ND	0.50	ug/L			01/30/13 00:56	1
1,3-Dichlorobenzene	ND	0.50	. ug/Ĺ			01/30/13 00:56	1
1,4-Dichlorobenzene	ND	0.50	ug/L			01/30/13 00:56	1
1,3-Dichloropropane	ND	1.0	ug/L			01/30/13 00:56	1
1,1-Dichloropropene	ND	0.50	ug/L			01/30/13 00:56	1
1,2-Dibromo-3-Chloropropane	ND	1.0	ug/L			01/30/13 00:56	1
Ethylene Dibromide	ND	0.50	ug/L			01/30/13 00:56	1







Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

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

ND

ND

ND

ND

ND

ND

ND

ND

Client Sample ID: MP-04-2 Date Collected: 01/29/13 13:30

1,1,2-Trichloro-1,2,2-trifluoroethane

Gasoline Range Organics (GRO)

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

2,2-Dichloropropane

Vinyl acetate

Vinyl chloride

Xylenes, Total

-C5-C12

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-7

Matrix: Water

Analyte	Result Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Dibromomethane	ND	0.50	ug/L		01/30/13 00:56	1
Dichlorodifluoromethane	ND ·	0.50	ug/L		01/30/13 00:56	1
1,1-Dichloroethane	ND	0.50	ug/L		01/30/13 00:56	1
1,2-Dichloroethane	ND	0.50	ug/L		01/30/13 00:56	1
1,1-Dichloroethene	ND .	0.50	ug/L		01/30/13 00:56	1
cis-1,2-Dichloroethene	ND	0.50	ug/L		01/30/13 00:56	1
trans-1,2-Dichloroethene	ND	0.50	ug/L		01/30/13 00:56	1
1,2-Dichloropropane	ND	0.50	ug/L		01/30/13 00:56	1
cis-1,3-Dichloropropene	ND	0.50	ug/L		01/30/13 00:56	1
trans-1,3-Dichloropropene	ND .	0.50	ug/L		01/30/13 00:56	1
Ethylbenzene	ND	0.50	ug/L		01/30/13 00:56	1
Hexachlorobutadiene	ND	1.0	ug/L		01/30/13 00:56	1
2-Hexanone	53	50	ug/L		01/30/13 00:56	1
Isopropylbenzene	ND	0.50	ug/L		01/30/13 00:56	1
4-Isopropyltoluene	ND	1.0	ug/L		01/30/13 00:56	1
Methylene Chloride	ND .	5.0	· ug/L		01/30/13 00:56	1
4-Methyl-2-pentanone (MIBK)	· ND	50	ug/L		01/30/13 00:56	· 1
Naphthalene	ND	1.0	ug/L		01/30/13 00:56	1
N-Propylbenzene	· ND	1.0	ug/L		01/30/13 00:56	1
Styrene	ND	0.50	ug/L		01/30/13 00:56	.1
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	•	01/30/13 00:56	1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L		01/30/13 00:56	1
Tetrachloroethene	ND	0.50	ug/L		01/30/13 00:56	1
Toluene	ND	0.50	ug/L		01/30/13 00:56	.1
1,2,3-Trichlorobenzene	ND	1.0	ug/L		01/30/13 00:56	1
1,2,4-Trichlorobenzene	ND .	1.0	ug/L		01/30/13 00:56	1
1,1,1-Trichloroethane	ND	0.50	ug/L		01/30/13 00:56	1
1,1,2-Trichloroethane	ND	0.50	ug/L		01/30/13 00:56	1
Trichloroethene	ND	0.50	ug/L		01/30/13 00:56	1
Trichlorofluoromethane	ND	1.0	ug/L		01/30/13 00:56	1
1,2,3-Trichloropropane	ND	0.50	ug/L		01/30/13 00:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92	- Amerik Amerika Baro Amell Ed an ex-	67 - 130		01/30/13 00:56	1
1,2-Dichloroethane-d4 (Surr)	108		75 ₋ 138		01/30/13 00:56	1
Toluene-d8 (Surr)	96		70 - 130		01/30/13 00:56	1

0.50

0.50

0.50

10

0.50

1.0

0.50

50

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

TestAmerica Pleasanton

01/30/13 00:56

01/30/13 00:56

01/30/13 00:56

01/30/13 00:56

01/30/13 00:56

01/30/13 00:56 01/30/13 00:56

01/30/13 00:56

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

Client Sample ID: MW-01 Lab Sample ID: 720-47453-8 Date Collected: 01/29/13 14:15 Matrix: Water

Date Received: 01/29/13 16:44 Analyte Result Qualifier RL MDL Unit Prepared Dil Fac Analyzed Methyl tert-butyl ether ND 0.50 ug/L 01/30/13 01:25 Acetone ND 50 ug/L 01/30/13 01:25 Renzene ND 0.50 ug/L 01/30/13 01:25 Dichlorobromomethane ND 0.50 ug/L 01/30/13 01:25 Bromobenzene ND 1.0 ug/L 01/30/13 01:25 Chlorobromomethane ND 1.0 ug/L 01/30/13 01:25 Bromoform ND 1.0 ug/L 01/30/13 01:25 Bromomethane ND 1.0 ua/L 01/30/13 01:25 2-Butanone (MEK) NΩ 50 ug/L 01/30/13 01:25 n-Butvlbenzene ND 1.0 ug/L 01/30/13 01:25 sec-Butylbenzene ND 1.0 ua/L 01/30/13 01:25 tert-Butylbenzene ND 1.0 ug/L 01/30/13 01:25 Carbon disulfide ND 5.0 ug/L 01/30/13 01:25 Carbon tetrachloride ND 0.50 ug/L 01/30/13 01:25 Chlorobenzene ND 0.50 ug/L 01/30/13 01:25 Chloroethane ND 1.0 ug/L 01/30/13 01:25 Chloroform ND 1.0 ug/L 01/30/13 01:25 Chloromethane ND 1.0 ug/L 01/30/13 01:25 2-Chlorotoluene ND 0.50 ug/L 01/30/13 01:25 4-Chlorotoluene ND 0.50 ug/L 01/30/13 01:25 Chlorodibromomethane ND 0.50 ug/L 01/30/13 01:25 1,2-Dichlorobenzene ND 0.50 ua/L 01/30/13 01:25 1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 01:25 1.4-Dichlorobenzene NΠ 0.50 01/30/13 01:25 ug/L 1 1,3-Dichloropropane ND 1.0 ua/L 01/30/13 01:25 1 1,1-Dichloropropene ND 0.50 ug/L 01/30/13 01:25 1 1,2-Dibromo-3-Chloropropane ND 1.0 ug/L 01/30/13 01:25 Ethylene Dibromide ŅD 0.50 ug/L 01/30/13 01:25 1 Dibromomethane ND 0.50 ug/L 01/30/13 01:25 1 Dichlorodifluoromethane ND 0.50 ug/L 01/30/13.01:25 1 1.1-Dichloroethane ND 0.50 ug/L 01/30/13 01:25 1 1,2-Dichloroethane ND 0.50 ug/L 01/30/13 01:25 1 1,1-Dichloroethene ND 0.50 ug/L 01/30/13 01:25 1 cis-1.2-Dichloroethene ND 0.50 ug/L 01/30/13 01:25 trans-1,2-Dichloroethene ND 0.50 ug/L 01/30/13 01:25 1,2-Dichloropropane ND 0.50 ug/L 01/30/13 01:25 cis-1,3-Dichloropropene NΩ 0.50 ug/L 01/30/13 01:25 trans-1,3-Dichloropropene ND 0.50 ug/L 01/30/13 01:25 Ethylbenzene ND 0.50 ug/L 01/30/13 01:25 Hexachlorobutadiene ND 1.0 ug/L 01/30/13 01:25 2-Hexanone ND 50 ug/Ł 01/30/13 01:25 Isopropylbenzene ND 0.50 ua/L 01/30/13 01:25 4-Isopropyltoluene ND 1.0 ug/L 01/30/13 01:25 Methylene Chloride ND 5.0 ug/L 01/30/13 01:25 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 01/30/13 01:25 Naphthalene ND 1.0 ug/L 01/30/13 01:25 N-Propylbenzene NΩ 1.0 ug/L 01/30/13 01:25 Styrene ND 0.50 ug/L 01/30/13 01:25 1 1,1,1,2-Tetrachloroethane ND 0.50 ug/L 01/30/13 01:25 1

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

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

Client Sample ID: MW-01

Date Collected: 01/29/13 14:15 Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-8

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			01/30/13 01:25	1
Tetrachloroethene	160		0.50		ug/L	•		01/30/13 01:25	1
Toluene	ND		0.50		ug/L			01/30/13 01:25	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/30/13 01:25	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/30/13 01:25	1
1,1,1-Trichloroethane	ND		0.50		ug/L			01/30/13 01:25	1
1,1,2-Trichloroethane	ND		0.50		ug/L			01/30/13 01:25	1
Trichloroethene	1.1		0.50		ug/L			01/30/13 01:25	1
Trichlorofluoromethane	ND		1.0		ug/L			01/30/13 01:25	1
1,2,3-Trichloropropane	ND		0.50		ug/L			01/30/13 01:25	['] 1
1,1,2-Trichloro-1,2,2-trifluoroethane	. ND		0.50		ug/L			01/30/13 01:25	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L .			01/30/13 01:25	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			01/30/13 01:25	1
Vinyl acetate	ND		10		ug/L			01/30/13 01:25	. 1
Vinyl chloride	ND		0.50		ug/L			01/30/13 01:25	1
Xylenes, Total	ND		1.0		ug/L			01/30/13 01:25	1
2,2-Dichloropropane	ND		0.50		ug/L			01/30/13 01:25	1
Gasoline Range Organics (GRO) -C5-C12	160	R	50		ug/L			01/30/13 01:25	1

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		67 _ 130			01/30/13 01:25	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 138	• .	,	01/30/13 01:25	. 1
 Toluene-d8 (Surr)	95		70 - 130			01/30/13 01:25	1

Client Sample ID: MW-100 Date Collected: 01/29/13 14:30 Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-9 Matrix: Water

Analyte Result Qualifier RL MDL Unit D Prepared Dil Fac Analyzed ND Methyl tert-butyl ether 0.50 01/30/13 01:55 ug/L 1 ND Acetone 50 ug/L 01/30/13 01:55 Benzene ND 0.50 ug/L 01/30/13 01:55 ND 0.50 01/30/13 01:55 Dichlorobromomethane ug/L 1 Bromobenzene ND 1.0 ug/L 01/30/13 01:55 Chlorobromomethane ND 1.0 ug/L 01/30/13 01:55 ND ug/L Bromoform 1.0 01/30/13 01:55 Bromomethane ND 01/30/13 01:55 1.0 ug/L 2-Butanone (MEK) ND 50 ug/L 01/30/13 01:55 ND 1.0 01/30/13 01:55 n-Butylbenzene ug/L ND sec-Butylbenzene 1.0 ug/L 01/30/13 01:55 tert-Butylbenzene ND 1.0 ug/L 01/30/13 01:55 Carbon disulfide ND 5.0 ug/L 01/30/13 01:55 Carbon tetrachloride ND 0.50 ug/L 01/30/13 01:55 Chlorobenzene ND 0.50 ug/L 01/30/13 01:55 Chloroethane ND 1.0 01/30/13 01:55 ug/L Chloroform ND 1.0 01/30/13 01:55 ug/L Chloromethane ND 1.0 ug/L 01/30/13 01:55 2-Chlorotoluene ND 0.50 ug/L 01/30/13 01:55 4-Chlorotoluene ND 0.50 ug/L 01/30/13 01:55 Chlorodibromomethane ND 01/30/13 01:55 0.50 ug/L

TestAmerica Pleasanton

Page 19 of 44

2/22/2013

















Project/Site: Crown Chevrolet

Client Sample ID: MW-100

4-Bromofluorobenzene

Date Collected: 01/29/13 14:30

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

Lab Sample ID: 720-47453-9

Matrix: Water

Analyte	Result	Qualifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	0.50	ug/L			01/30/13 01:55	1
1,3-Dichlorobenzene	ND	0.50	ug/L			01/30/13 01:55	1
1,4-Dichlorobenzene	ND	0.50	ug/L			01/30/13 01:55	. 1
1,3-Dichloropropane	ND	1.0	ug/L			01/30/13 01:55	1
1,1-Dichloropropene	ND	0.50	ug/L			01/30/13 01:55	1
1,2-Dibromo-3-Chloropropane	ND	1.0	ug/L			01/30/13 01:55	1
Ethylene Dibromide .	ND	0.50	ug/L			01/30/13 01:55	1
Dibromomethane	ND	0.50	ug/L		•	01/30/13 01:55	1
Dichlorodifluoromethane	ND	0.50	ug/L	•		01/30/13 01:55	1
1,1-Dichloroethane	ND	0.50	ug/L			01/30/13 01:55	1
1,2-Dichloroethane	ND	0.50	ug/L			01/30/13 01:55	1
1,1-Dichloroethene	ND	0.50	ug/L			01/30/13 01:55	1
cis-1,2-Dichloroethene	ND	0.50	ug/L			01/30/13 01:55	1
trans-1,2-Dichloroethene	ND	0.50	ug/L			01/30/13 01:55	1
1,2-Dichloropropane	ND	0.50	ug/L			01/30/13 01:55	1
cis-1,3-Dichloropropene	ND	0.50	ug/L			01/30/13 01:55	1
trans-1,3-Dichloropropene	ND	0.50	ug/L			01/30/13 01:55	1
Ethylbenzene	ND	0.50	ug/L			01/30/13 01:55	1
Hexachlorobutadiene	ND.	1.0	ug/L			01/30/13 01:55	1
2-Hexanone	ND	50	ug/L			01/30/13 01:55	1
Isopropylbenzene	ND	0.50	ug/L			01/30/13 01:55	1
4-Isopropyltoluene	ND	1.0	ug/L			. 01/30/13 01:55	1
Methylene Chloride	ND	5.0	ug/L			01/30/13 01:55	1
4-Methyl-2-pentanone (MIBK)	ND	. 50	ug/L			01/30/13 01:55	1
Naphthalene	ND	1.0	ug/L			01/30/13 01:55	1
N-Propylbenzene	ND	1.0	ug/L			01/30/13 01:55	1
Styrene	ND	0.50	ug/L			01/30/13 01:55	1
1,1,1,2-Tetrachloroethane	. ND	0.50	ug/L			01/30/13 01:55	1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L			01/30/13 01:55	1
Tetrachloroethene	160	0.50	ug/L			01/30/13 01:55	1
Toluene	ND	0.50	ug/L			01/30/13 01:55	1
1,2,3-Trichlorobenzene	· ND	1.0	ug/L		*	01/30/13 01:55	1
1,2,4-Trichlorobenzene	ND	1.0	ug/L			01/30/13 01:55	1
1,1,1-Trichloroethane	ND	0.50	ug/L			01/30/13 01:55	1
1,1,2-Trichloroethane	ND	0.50	ug/L			01/30/13 01:55	1
Trichloroethene	1.1	0.50	ug/L			01/30/13 01:55	1
Trichlorofluoromethane	ND	1.0	ug/L			01/30/13 01:55	. 1
1,2,3-Trichloropropane	ND	0.50	ug/L			01/30/13 01:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	ug/L			01/30/13 01:55	1
1,2,4-Trimethylbenzene	ND	0.50	ug/L			01/30/13 01:55	1
1,3,5-Trimethylbenzene	ND	0.50	ug/L			01/30/13 01:55	1
/inyl acetate	ND	10	ug/L			01/30/13 01:55	1
/inyl chloride	ND	0.50	ug/L			01/30/13 01:55	1
Kylenes, Total	ND	1.0	ug/L			01/30/13 01:55	1
2,2-Dichloropropane	ND	0.50	ug/L			01/30/13 01:55	
	160	_					1
Gasoline Range Organics (GRO) -C5-C12	100 (50	ug/L .			01/30/13 01:55	1
Surrogate	%Recovery	Qualifier Limits			Prepared	Analyzed	Dil Fac

TestAmerica Pleasanton

01/30/13 01:55

67 - 130

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

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

Client Sample ID: MW-100 Date Collected: 01/29/13 14:30 Lab Sample ID: 720-47453-9

Matrix: Water

Date Received: 01/29/13 16:44

Client Sample ID: MP-04-1 Date Collected: 01/29/13 14:50

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fa
1	1,2-Dichloroethane-d4 (Surr)	108	THE RESERVE OF THE PARTY OF THE	75 _ 138		01/30/13 01:55	
	Toluene-d8 (Surr)	96		70 - 130		01/30/13 01:55	

Lab Sample ID: 720-47453-10

Matrix: Water

Date Conected, 01/29/13 14:30				•		IVIA LI 17	t. water
Date Received: 01/29/13 16:44 Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND ND	0.50	ug/L		riepaieu	01/30/13 02:24	1
Acetone	ND	50	ug/L			01/30/13 02:24	. 1
Benzene .	ND	0.50	ug/L			01/30/13 02:24	1
Dichlorobromomethane	ND	0,50	ug/L			01/30/13 02:24	1
Bromobenzene	ND	1.0	ug/L			01/30/13 02:24	1
Chlorobromomethane	ND ·	1.0	ug/L			01/30/13 02:24	1
Bromoform	ND .	1.0	ug/L			01/30/13 02:24	1
Bromomethane	ND.	1.0	ug/L			01/30/13 02:24	1
2-Butanone (MEK)	ND	50	ug/L			01/30/13 02:24	1
n-Butylbenzene	ND	1.0	ug/L			01/30/13 02:24	1
sec-Butylbenzene	ND	1.0	· ug/L			01/30/13 02:24	1
tert-Butylbenzene	ND	1.0	ug/L			01/30/13 02:24	1
Carbon disulfide	ND	5.0	ug/L			01/30/13 02:24	1
Carbon tetrachloride	ND	0.50	ug/L			01/30/13 02:24	1
Chlorobenzene	ND .	0.50	ug/L			01/30/13 02:24	1
Chloroethane	ND	1.0	ug/L			01/30/13 02:24	1
Chloroform	ND	1.0	ug/L			01/30/13 02:24	. 1
Chloromethane	ND	1.0	ug/L			01/30/13 02:24	1
2-Chlorotoluene	ND	0.50	ug/L			01/30/13 02:24	1
4-Chlorotoluene	ND	0.50	ug/L			01/30/13 02:24	1
Chlorodibromomethane	ND	0.50	. ug/L			01/30/13 02:24	1
1,2-Dichlorobenzene	ND	0.50	ug/L			01/30/13 02:24	1
1,3-Dichlorobenzene	ND	0.50	. ug/L			01/30/13 02:24	1
1,4-Dichlorobenzene	ND	0.50	ug/L			01/30/13 02:24	1
1,3-Dichloropropane	ND	1.0	ug/L			01/30/13 02:24	1
1,1-Dichloropropene	ND	0.50	ug/L	•		01/30/13 02:24	1
1,2-Dibromo-3-Chloropropane	ND	1.0	ug/L			01/30/13 02:24	1
Ethylene Dibromide	ND	0.50	ug/L			01/30/13 02:24	1
Dibromomethane	ND	0.50	ug/L			01/30/13 02:24	. 1
Dichlorodifluoromethane	ND	0.50	ug/L			01/30/13 02:24	1
1,1-Dichloroethane	ND	0.50	ug/L			01/30/13 02:24	1
1,2-Dichloroethane	ND	0.50	ug/L			01/30/13 02:24	1
1,1-Dichloroethene	ND	0.50	ug/L			01/30/13 02:24	1
cis-1,2-Dichloroethene	ND	0.50	. ug/L			01/30/13 02:24	1
trans-1,2-Dichloroethene	ND	0.50	ug/L			01/30/13 02:24	1
1,2-Dichloropropane	ND .	0.50	ug/L			01/30/13 02:24	1
cis-1,3-Dichloropropene	ND	0.50	ug/L			01/30/13 02:24	1
trans-1,3-Dichloropropene	ND	0.50	ug/L			01/30/13 02:24	1
Ethylbenzene	ND	0.50	ug/L			01/30/13 02:24	1
Hexachlorobutadiene	ND	1.0	ug/L			01/30/13 02:24	1
2-Hexanone	ND	50	ug/L			01/30/13 02:24	1
Isopropylbenzene	ND	0.50	ug/L			01/30/13 02:24	1
1							

Project/Site: Crown Chevrolet

-C5-C12

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

Client Sample ID: MP-04-1	Lab Sample ID: 720-47453-10
Date Collected: 01/29/13 14:50	Matrix: Water
Date Received: 01/29/13 16:44	

Date Descined 04/20/42 40:44							ivia Li i.	A. Water
Date Received: 01/29/13 16:44 Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
4-isopropyltoluene	ND		1.0	ug/L			01/30/13 02:24	1
Methylene Chloride	. ND		5.0	ug/L			01/30/13 02:24	1
4-Methyl-2-pentanone (MIBK)	ND		50	ug/L			01/30/13 02:24	1
Naphthalene	ND		1.0	ug/L			01/30/13 02:24	1
N-Propylbenzene	ND.		1.0	ug/L			01/30/13 02:24	1
Styrene	ND		0.50	ug/L			01/30/13 02:24	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			01/30/13 02:24	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			01/30/13 02:24	1
Tetrachloroethene	20		0.50	ug/L			01/30/13 02:24	1
Toluene .	ND		0.50	ug/L			01/30/13 02:24	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			01/30/13 02:24	1
1,2,4-Trichlorobenzene	ND	•	1.0	ug/L			01/30/13 02:24	1
1,1,1-Trichloroethane	ND		0.50	ug/L			01/30/13 02:24	1
1,1,2-Trichloroethane	ND		0.50	ug/L			01/30/13 02:24	1
Trichloroethene	8.4		0.50	ug/L			01/30/13 02:24	1
Trichlorofluoromethane	. ND		1.0	ug/L			01/30/13 02:24	1
1,2,3-Trichloropropane	, ND		0.50	ug/L			01/30/13 02:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L			01/30/13 02:24	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L			01/30/13 02:24	1.
1,3,5-Trimethylbenzene	ND		0.50	ug/L			01/30/13 02:24	1
Vinyl acetate	ND		10	ug/L		-	01/30/13 02:24	1
Vinyl chloride	ND		0.50	ug/L			01/30/13 02:24	1
Xylenes, Total	ND		1.0	ug/L			01/30/13 02:24	1
2,2-Dichloropropane	ND		0.50	ug/L			01/30/13 02:24	1
Gasoline Range Organics (GRO)	ND		50	ug/L			01/30/13 02:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene	90		67 - 130		01/30/13 02:24	1	
1,2-Dichloroethane-d4 (Surr)	106		75 ₋ 138		01/30/13 02:24	1	
Toluene-d8 (Surr)	98		70 - 130		01/30/13 02:24	1	
				•	and the second s		

QC Sample Results

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

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

Lab Sample ID: MB 720-129624/5

Matrix: Water

Analysis Batch: 129624

Client Sample ID: Method Blank

Prep Type: Total/NA

-	Analysis Batch: 129624	МВ	МВ						
	Analyte		Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Methyl tert-butyl ether	ND	THE RESERVE OF THE PERSON OF T	0.50	ug/L			01/29/13 17:37	1
-	Acetone	ND		50.	ug/L			01/29/13 17:37	1
	Benzene	ND		0.50	ug/L			01/29/13 17:37	1
	Dichlorobromomethane	ND		0.50	ug/L			01/29/13 17:37	1
	Bromobenzene	ND		1.0	ug/L			01/29/13 17:37	1
***************************************	Chlorobromomethane	ND		1.0	ug/L			01/29/13 17:37	1
	Bromoform	ND		1.0	ug/L			01/29/13 17:37	1
-	Bromomethane	ND		1.0	ug/L			01/29/13 17:37	1
-	2-Butanone (MEK)	ND		50	ug/L			01/29/13 17:37	1
-	n-Butylbenzene	ND		1.0	ug/L			01/29/13 17:37	. 1
	sec-Butylbenzene	ND		1.0	ug/L		•	01/29/13 17:37	1
-	tert-Butylbenzene	ND		1.0	ug/L			01/29/13 17:37	1
-	Carbon disulfide	ND		5.0	ug/L			01/29/13 17:37	1
-	Carbon tetrachloride	ND		0.50	ug/L			01/29/13 17:37	1
-	Chlorobenzene	ND		0.50	ug/L			01/29/13 17:37	1
-	Chloroethane	ND		1.0	ug/L			01/29/13 17:37	1
-	Chloroform	ND		1.0	ug/L			01/29/13 17:37	1
-	Chloromethane	ND		1.0	ug/L			01/29/13 17:37	1
	2-Chlorotoluene	ND		0.50	ug/L			01/29/13 17:37	1
-	4-Chlorotoluene	ND		0.50	ug/L			01/29/13 17:37	1
	Chlorodibromomethane	ND		0.50	ug/L			01/29/13 17:37	1
	1,2-Dichlorobenzene	ND		0.50	ug/L			01/29/13 17:37	1
-	1,3-Dichlorobenzene	ND		0.50	ug/L			01/29/13 17:37	1
-	1,4-Dichlorobenzene	ND		0.50	ug/L			01/29/13 17:37	1
	1,3-Dichloropropane	ND		1.0	ug/L			01/29/13 17:37	1
	1,1-Dichloropropene	ND		0.50	ug/L			01/29/13 17:37	1
	1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			01/29/13 17:37	1
	Ethylene Dibromide	ND		0.50	ug/L			01/29/13 17:37	1
	Dibromomethane	ND		0.50	ug/L			01/29/13 17:37	1
	Dichlorodifluoromethane	ND		0.50	ug/L			01/29/13 17:37	1
	1,1-Dichloroethane	ND		0.50	ug/L			01/29/13 17:37	1
	1,2-Dichloroethane	ND		0.50	ug/L ,			01/29/13 17:37	1
	1,1-Dichloroethene	ND		0.50	ug/L			01/29/13 17:37	- 1
	cis-1,2-Dichloroethene	ND		0.50	ug/L			01/29/13 17:37	. 1
-	trans-1,2-Dichloroethene	ND		0.50	ug/L			01/29/13 17:37	1
-	1,2-Dichloropropane .	ND		0.50	ug/L			01/29/13 17:37	. 1
	cis-1,3-Dichloropropene	ND		0.50	ug/L			01/29/13 17:37	1
1	trans-1,3-Dichloropropene	ND		0.50	ug/L			01/29/13 17:37	1
	Ethylbenzene	ND		0.50	ug/L			01/29/13 17:37	1
	Hexachlorobutadiene	ND		1.0	ug/L			01/29/13 17:37	1
	2-Hexanone	ND	•	50	ug/L			01/29/13 17:37	1
40.000	Isopropylbenzene	ND		0.50	ug/L			01/29/13 17:37	1
	4-Isopropyltoluene	ND		1.0	ug/L			01/29/13 17:37	1
	Methylene Chloride	ND		5.0	ug/L			01/29/13 17:37	1
	4-Methyl-2-pentanone (MIBK)	ND		50	ug/L			01/29/13 17:37	1
	Naphthalene	ND		1.0	ug/L			01/29/13 17:37	1
	N-Propylbenzene	ND		1.0	ug/L			01/29/13 17:37	1
-	Styrene	ND		0.50	ug/L			01/29/13 17:37	1
	•								

TestAmerica Pleasanton

Page 23 of 44

2/22/2013

Project/Site: Crown Chevrolet

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

Lab Sample ID: MB 720-129624/5

Matrix: Water

Analysis Batch: 129624

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	11.00.00	0.50		ug/L			01/29/13 17:37	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			01/29/13 17:37	1
Tetrachloroethene	ND		0.50		ug/L			01/29/13 17:37	1
Toluene	ND		0.50		ug/L			01/29/13 17:37	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/29/13 17:37	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/29/13 17:37	1
1,1,1-Trichloroethane	ND		0.50		ug/L			01/29/13 17:37	1
1,1,2-Trichloroethane	, ND		0.50		ug/L			01/29/13 17:37	1
Trichloroethene	ND		0.50		ug/L			01/29/13 17:37	1
Trichlorofluoromethane	ND		1.0		ug/L			01/29/13 17:37	1
1,2,3-Trichloropropane	ND		0.50		ug/L			01/29/13 17:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			01/29/13 17:37	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			01/29/13 17:37	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			01/29/13 17:37	1
Vinyl acetate	ND		10		ug/L			01/29/13 17:37	. 1
Vinyl chloride	ND		0.50		ug/L			01/29/13 17:37	1
Xylenes, Total	ND		1.0		ug/L			01/29/13 17:37	1
2,2-Dichloropropane	ND		0.50		ug/L			01/29/13 17:37	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		67 - 130		01/29/13 17:37	1
1,2-Dichloroethane-d4 (Surr)	107		75 - 138		01/29/13 17:37	1
Toluene-d8 (Surr)	97		70 - 130		01/29/13 17:37	1

Lab Sample ID: LCS 720-129624/6

Matrix: Water

Analysis Batch: 129624

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

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Methyl tert-butyl ether 25.0 26.6 107 62 - 130 ug/L Acetone 125 128 103 26 - 180 ug/L Benzene 25.0 25.4 102 79 - 130 ug/L Dichlorobromomethane 25.0 28.3 ug/L 113 70 - 130 Bromobenzene 25.0 26.1 ug/L 105 70 - 130 Chlorobromomethane 25.0 25.8 103 70 - 130 ug/L Bromoform 25.0 28.0 ug/L 112 68 - 136 Bromomethane 25.0 18.5 43 - 151 ug/L 74 2-Butanone (MEK) 125 130 104 54 - 130 ug/L n-Butylbenzene 25.0 27.3 ug/L 109 70 - 142 sec-Butylbenzene 25.0 26.9 ug/L 107 70 - 134 tert-Butylbenzene 25.0 26.9 ug/L 108 70 - 135 Carbon disulfide 25.0 20.7 ug/L 83 58 _ 130 Carbon tetrachloride 25.0 26.1 ug/L 104 70 - 146 Chlorobenzene 25.0 26.6 106 70 - 130 ug/L Chloroethane 25.0 20.8 ug/L 83 62 - 138 Chloroform 25.0 26.6 ug/L 107 70 _ 130 Chloromethane 25.0 21.6 ug/L 86 52 - 175 2-Chlorotoluene 25.0 28.0 ug/L 70 - 130 112

Project/Site: Crown Chevrolet

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

Lab Sample ID: LCS 720-129624/6

Matrix: Water

Client Sample	ID: Lab	Contro	l Sample
	Prei	o Type:	Total/NA

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
4-Chlorotoluene	25.0	27.6		ug/L		110	70 - 130	
Chlorodibromomethane	25.0	27.2		ug/L		109	70 - 145	
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	70 - 130	
1,3-Dichlorobenzene	25.0	26.4		ug/L		106	70 - 130	
1,4-Dichlorobenzene	25.0	26.5		ug/L		106	70 - 130	
1,3-Dichloropropane	25.0	27.1		ug/L		108	70 - 130	
1,1-Dichloropropene	25.0	28.2		ug/L		113	70 - 130	
1,2-Dibromo-3-Chloropropane	25.0	27.6		ug/L		110	70 - 136	
Ethylene Dibromide	25.0	27.6	*	ug/L	•	110	70 _ 130	
Dibromomethane	25.0	26.8		ug/L		107	70 _ 130	
Dichlorodifluoromethane	25.0	15.6		ug/L		62	34 _ 132	
1,1-Dichloroethane	25.0	26.2		ug/L		105	70 - 130	
1,2-Dichloroethane	25.0	27.2		ug/L		109	61 - 132	
1,1-Dichloroethene	25.0	24.6		ug/L		98	64 - 128	
cis-1,2-Dichloroethene	25.0	27.8	1315	ug/L		111	70 - 130	
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	68 - 130	
1,2-Dichloropropane	25.0	26.6		ug/L		107	70 _ 130	
cis-1,3-Dichloropropene	25.0	30.4		ug/L		121	70 - 130	
trans-1,3-Dichloropropene	25.0	29.7		ug/L		119	70 - 140	
Ethylbenzene	25.0	26.1		ug/L		104	80 - 120	
Hexachlorobutadiene	25.0	23.0	*	ug/L		92	70 - 130	•
2-Hexanone	125	132		ug/L		106	60 - 164	
Isopropylbenzene	25.0	27.1		ug/L		108	70 - 130	
4-Isopropyltoluene	25.0	26.3		ug/L		105	70 - 130	
Methylene Chloride	25.0	24.6		ug/L		98	70 - 147	
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		109	58 - 130	
Naphthalene	25.0	25.9		ug/L		104	70 - 130	
N-Propylbenzene	25.0	28.4		ug/L		114	70 - 130	
Styrene	25.0	27.4		ug/L		110	70 - 130	
1,1,1,2-Tetrachloroethane	25.0	27.5		ug/L		110	70 - 130	
1,1,2,2-Tetrachloroethane	25.0	28.5		ug/L		114	70 - 130	
Tetrachloroethene	25.0	24.7		ug/L		99	70 - 130	
Toluene ·	25.0	25.1		ug/L		100	78 - 120	
1,2,3-Trichlorobenzene	25.0	28.7		ug/L		115	70 _ 130	
1,2,4-Trichlorobenzene	25.0	24.7		ug/L		99	70 _ 130	
1,1,1-Trichloroethane	25.0	25.6		ug/L		102	70 - 130	
1,1,2-Trichloroethane	25.0	27.4		ug/L		109	70 - 130	
Trichloroethene	25.0	25.4		ug/L		102	70 - 130	
Trichlorofluoromethane	25.0	24.3		ug/L		97	66 - 132	
1,2,3-Trichloropropane	25.0	28.3		ug/L		113	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	23.4		ug/L		94	42 - 162	
ne								
1,2,4-Trimethylbenzene	25.0	27.2		ug/L		109	70 _ 132	
1,3,5-Trimethylbenzene	25.0	27.2		ug/L		109	70 - 130	
Vinyl acetate	25.0	29.5		ug/L		118	43 - 163	
Vinyl chloride	25.0	20.6	,	ug/L		82	54 - 135	
m-Xylene & p-Xylene	50.0	51.9		ug/L		104	70 - 142	
o-Xylene	25.0	27.4		ug/L		110	70 - 130	

Project/Site: Crown Chevrolet

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

Lab Sample ID: LCS 720-129624/6

Matrix: Water

Analysis Batch: 129624

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits 2,2-Dichloropropane 25.0 30.7 ug/L 123 70 - 140

LCS LCS Surrogate Qualifier Limits %Recovery 4-Bromofluorobenzene 103 67 - 130 1,2-Dichloroethane-d4 (Surr) 105 75 - 138 Toluene-d8 (Surr) 99 70 - 130

Lab Sample ID: LCS 720-129624/8

Matrix: Water

Analysis Batch: 129624

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

LCS LCS Spike %Rec. Analyte Added Result Qualifier Unit %Rec Limits 500 502 Gasoline Range Organics (GRO) ug/L 100 62 - 120 -C5-C12

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene 100 67 - 130 1,2-Dichloroethane-d4 (Surr) 107 75 - 138 Toluene-d8 (Surr) 100 70 - 130

Lab Sample ID: LCSD 720-129624/7

Matrix: Water

Analysis Batch: 129624

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

		Spike	LCSD	LCSD		%Rec.		RPD
	Analyte	Added	Result	Qualifier Unit	D %R	ec Limits	RPD	Limit
	Methyl tert-butyl ether	25,0	26.1	ug/L	1	04 62 - 130	2	20
	Acetone	125	123	ug/L	!	98 26 - 180	4	30
	Benzene	25.0	25.0	ug/L	1	00 79 - 130	2	20
	Dichlorobromomethane	25.0	27.6	ug/L	1	10 70 - 130	3	20
A Party and Associated	Bromobenzene	25.0	25.6	ug/L	1	03 70 - 130	2	20
***************************************	Chlorobromomethane	25.0	25.4	ug/L	10	02 70 - 130	2	20
	Bromoform	25.0	27.1	ug/L	11	08 68 - 136	3	20
-	Bromomethane	25.0	18.2	ug/L		73 43 - 151	1	20
	2-Butanone (MEK)	125	126	ug/L	10	01 54 _ 130	3	20
	n-Butylbenzene	25.0	27.5	ug/L	1	10 70 - 142	1	20
	sec-Butylbenzene	25.0	26.9	ug/L	10	08 70 - 134	. 0	20
	tert-Butylbenzene	25.0	27.1	ug/L	10	08 70 ₋ 135	0	20
	Carbon disulfide	25.0	20.4	ug/L	8	31 58 ₋ 130	2	20
	Carbon tetrachloride	25.0	24.9	ug/L	10	00 70 - 146	5	20
-	Chlorobenzene	25.0	26.3	ug/L	10	05 70 ₋ 130	1	20
	Chloroethane	25.0	19.8	ug/L	7	79 62 - 138	5	20
The state of the s	Chloroform	25.0	26.0	ug/L	10	04 70 ₋ 130	3	20
	Chloromethane	25.0	21.8	ug/L	8	37 52 ₋ 175	1	20
	2-Chlorotoluene	25.0	27.9	ug/L	1	11 70 _ 130	0	20
	4-Chlorotoluene	25.0	27.4	· ug/L	11	10 70 - 130	1	20
-	Chlorodibromomethane	25.0	26.5	ug/L	10	06 70 - 145	3	20
	1,2-Dichlorobenzene	25.0	25.5	ug/L	10	02 70 ₋ 130	2	20
-	1,3-Dichlorobenzene	25.0	26.2	ug/L	10	05 70 ₋ 130	1	20

TestAmerica Pleasanton

Page 26 of 44

2/22/2013

Project/Site: Crown Chevrolet

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

Lab Sample ID: LCSD 720-129624/7

Matrix: Water

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

Matrix: Water Analysis Batch: 129624

Analysis Datch: 129024	Spike	LCSD	LCSD			%Rec.		RPD
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	RPD	Limit
1,4-Dichlorobenzene	25.0	26.0	ug/L		104	70 - 130	2	20
1,3-Dichloropropane	25.0	26.5	ug/L		106	70 _ 130	2	20
1,1-Dichloropropene	25.0	27.8	ug/L		111	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	26.3	ug/L		105	70 - 136	5	20
Ethylene Dibromide	25.0	26.9	ug/L		. 108	70 _ 130	3	20
Dibromomethane	25.0	25.9	ug/L		104	70 - 130	3	20
Dichlorodifluoromethane	25.0	15.2	ug/L		61	34 - 132	3	20
1,1-Dichloroethane	25.0	25.9	ug/L		104	70 - 130	1	20
1,2-Dichloroethane	25.0	26.6	ug/L		106	61 _ 132	2	20
1,1-Dichloroethene	25.0	24.6	ug/L		98	64 _ 128	0	20
cis-1,2-Dichloroethene	25.0	27.3	ug/L		109	70 - 130	2	20
trans-1,2-Dichloroethene	25.0	24.1	ug/L		96	68 _ 130	2	20
1,2-Dichloropropane	25.0	26.1	ug/L		105	70 _ 130	2	20
cis-1,3-Dichloropropene	25.0	30.0	ug/L		120	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	29.1	ug/L		116	70 - 140	2	20
Ethylbenzene	25.0	25.9	ug/L		104	80 - 120	0	20
Hexachlorobutadiene	25.0	23.3	ug/L		93	70 - 130	1	20
2-Hexanone	125	125	ug/L		100	60 - 164	6	20
Isopropylbenzene	25.0	27.0	ug/L		108	70 - 130	o	20
4-Isopropyltoluene	25.0	26.3	ug/L		105	70 _ 130	0	20
Methylene Chloride	25.0	24.1	ug/L		96	70 - 147	2	20
4-Methyl-2-pentanone (MIBK)	125	130	ug/L		104	58 - 130	5	20
Naphthalene	25.0	25.8	ug/L		103	70 - 130	0	20
N-Propylbenzene	25.0	28.4	ug/L		114	70 _ 130	0	20
Styrene	25.0	27.2	ug/L		109	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	27.2	ug/L		109	70 _ 130	1	20
1,1,2,2-Tetrachloroethane	25.0	27.2	ug/L		109	70 _ 130	5	20
Tetrachioroethene	25.0	24.5	ug/L		98	70 - 130	1	20
Toluene	25.0	24.9	ug/L		100	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	28.7	ug/L		115	70 - 130	0	20
1,2,4-Trichlorobenzene	25.0	24.6	ug/L		98	70 - 130	1	20
1,1,1-Trichloroethane	25.0	24.2	ug/L		97	70 - 130	6	20
1,1,2-Trichloroethane	25.0	26.4	ug/L		106	70 - 130	3	20
Trichloroethene	25.0	25.5	ug/L		102	70 ₋ 130	0	20
Trichlorofluoromethane	25.0	24.1	ug/L		96	66 _ 132	1	20
1,2,3-Trichloropropane	25.0	27.4	ug/L		110	70 _ 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	23.0	ug/L		92	42 - 162	2	20
ne								
1,2,4-Trimethylbenzene	25.0	27.1	ug/L		108	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	27.2	ug/L		109	70 - 130	0	20
Vinyl acetate	. 25.0	26.9	ug/L		108	43 _ 163	9	20
Vinyl chloride	25.0	20.1	ug/L		80	54 - 135	3	20
m-Xylene & p-Xylene	50.0	51.3	ug/L		103	70 - 142	1	20
o-Xylene	25.0	27.1	ug/L		108	70 - 130	1	20
2,2-Dichloropropane	25.0	29.5	ug/L		118	70 - 140	4	20

 LCSD
 LCSD

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene
 103
 67 - 130

Project/Site: Crown Chevrolet

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

Lab Sample ID: LCSD 720-129624/7

Matrix: Water

Analysis Batch: 129624

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 720-129624/9

Matrix: Water

Analysis Batch: 129624

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

Spike LCSD LCSD %Rec. Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics (GRO) 500 512 ug/L 102 62 - 120 2 20

-C5-C12

Analyte

LCSD LCSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene 100 67 - 130 1,2-Dichloroethane-d4 (Surr) 106 75 - 138 Toluene-d8 (Surr) 101 70 - 130

Lab Sample ID: MB 720-129666/4

Matrix: Water

Analysis Batch: 129666

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

MB MB Qualifier Analyte Result RL MDL Unit Prepared Analyzed Dil Fac Methyl tert-butyl ether ND 0.50 01/30/13 09:22 ug/L Acetone ND 50 01/30/13 09:22 ug/L Benzene ND 0.50 ug/L 01/30/13 09:22 Dichlorobromomethane ND 0.50 ug/L 01/30/13 09:22 Bromobenzene ND 1.0 ug/L 01/30/13 09:22 Chlorobromomethane ND 1.0 ug/L 01/30/13 09:22 Bromoform NΠ 1.0 ug/L 01/30/13 09:22 Bromomethane ND 1.0 ug/L 01/30/13 09:22 2-Butanone (MEK) ND 50 uq/L 01/30/13 09:22 n-Butvlbenzene ND 1.0 ug/L 01/30/13 09:22 sec-Butylbenzene ND 1.0 ug/L 01/30/13 09:22 tert-Butylbenzene ND 1.0 ug/L 01/30/13 09:22 Carbon disulfide ND 5.0 ug/L 01/30/13 09:22 Carbon tetrachloride ND 0.50 ug/L 01/30/13 09:22 Chlorobenzene ND 0.50 ug/L 01/30/13 09:22 Chloroethane ND 1.0 ug/L 01/30/13 09:22 Chloroform ND 1.0 ug/L 01/30/13 09:22 Chloromethane ND 1.0 ug/L 01/30/13 09:22 2-Chlorotoluene ND 0.50 ug/L 01/30/13 09:22 4-Chlorotoluene ND 0.50 ug/L 01/30/13 09:22 Chlorodibromomethane ND 0.50 ug/L 01/30/13 09:22 1,2-Dichlorobenzene ND 0.50 ug/L 01/30/13 09:22 1,3-Dichlorobenzene ND 0.50 ug/L 01/30/13 09:22 1.4-Dichlorobenzene ND 0.50 ug/L 01/30/13 09:22 1,3-Dichloropropane ND 1.0 ug/L 01/30/13 09:22 ND 1.1-Dichloropropene 0.50 ug/L 01/30/13 09:22 1,2-Dibromo-3-Chloropropane ND 1.0 ug/L 01/30/13 09:22

QC Sample Results

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

TestAmerica Job ID: 720-47453-1

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

мв мв

MB MB

%Recovery Qualifier

93

98

96

Lab Sample ID: MB 720-129666/4

Matrix: Water

Surrogate

4-Bromofluorobenzene

Toluene-d8 (Surr)

1,2-Dichloroethane-d4 (Surr)

Analysis Batch: 129666

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND ND	0.50	ug/L		,	01/30/13 09:22	1
Dibromomethane	ND	0.50	ug/L			01/30/13 09:22	1
Dichlorodifluoromethane	ND	0.50	ug/L			01/30/13 09:22	1
1,1-Dichloroethane	ND	0.50	ug/L			01/30/13 09:22	1
1,2-Dichloroethane	ND	0.50	ug/L			01/30/13 09:22	1
1,1-Dichloroethene	ND	0.50	ug/L			01/30/13 09:22	1
cis-1,2-Dichloroethene	ND	0.50	ug/L			01/30/13 09:22	1
trans-1,2-Dichloroethene	ND	0.50	ug/L			01/30/13 09:22	1
1,2-Dichloropropane	ND	0.50	ug/L			01/30/13 09:22	1
cis-1,3-Dichloropropene	ND	0.50	ug/L			01/30/13 09:22	1
trans-1,3-Dichloropropene	ND	0.50	ug/L			01/30/13 09:22	1
Ethylbenzene	ND	0.50	ug/L			01/30/13 09:22	1
Hexachlorobutadiene	ND	1,0	ug/L			01/30/13 09:22	1
2-Hexanone	ND	50	ug/L			01/30/13 09:22	1
Isopropylbenzene	ND	0.50	ug/L			01/30/13 09:22	1
4-isopropyltoluene	ND	1.0	ug/L			01/30/13 09:22	1
Methylene Chloride	ND	5.0	ug/L			01/30/13 09:22	1
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L			01/30/13 09:22	1
Naphthalene	ND	1.0	ug/L			01/30/13 09:22	1
N-Propylbenzene	ND	1.0	ug/L			01/30/13 09:22	1
Styrene	. ND	, 0.50	ug/L			01/30/13 09:22	1
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L			01/30/13 09:22	1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L		•	01/30/13 09:22	1
Tetrachloroethene	ND	0.50	ug/L			01/30/13 09:22	1
Toluene	ND	0.50	ug/L			01/30/13 09:22	1
1,2,3-Trichlorobenzene	ND	1.0	ug/L			01/30/13 09:22	1
1,2,4-Trichlorobenzene	ND	1.0	ug/L			01/30/13 09:22	1
1,1,1-Trichloroethane	ND .	0.50	ug/L			01/30/13 09:22	1
1,1,2-Trichloroethane	ND	0.50	ug/L			01/30/13 09:22	1
Trichloroethene	ND	0.50	ug/L			01/30/13 09:22	1
Trichlorofluoromethane	ND	1.0	ug/L			01/30/13 09:22	1
1,2,3-Trichloropropane	, ND	0.50	ug/L			01/30/13 09:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	ug/L			01/30/13 09:22	1
1,2,4-Trimethylbenzene	ND	0.50	ug/L			01/30/13 09:22	. 1
1,3,5-Trimethylbenzene	ND	0.50	ug/L			01/30/13 09:22	1
Vinyl acetate	ND	10	ug/L			01/30/13 09:22	1
Vinyl chloride	ND	0.50	ug/L			01/30/13 09:22	1
Xylenes, Total	ND	1.0	ug/L			01/30/13 09:22	1
2,2-Dichloropropane	ND	0.50	ug/L			01/30/13 09:22	1
Gasoline Range Organics (GRO) -C5-C12	ND	50	ug/L			01/30/13 09:22	1

TestAmerica Pleasanton

Analyzed

01/30/13 09:22

01/30/13 09:22

01/30/13 09:22

Prepared

Limits

67 - 130

75 - 138

70 - 130

Dil Fac

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

Lab Sample ID: LCS 720-129666/5

Matrix: Water

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

Analysis Batch: 129666 LCS LCS Spike %Rec. Added Qualifier Unit D %Rec Limits Analyte Result 25.0 62 - 130 Methyl tert-butyl ether 27.3 ug/L 109 Acetone 125 137 110 26 - 180 ug/L Benzene 25.0 24.7 99 79 - 130 ug/L Dichlorobromomethane 25.0 27.4 ug/L 110 70 - 130Bromobenzene 25.0 25.0 ug/L 100 70 - 130 Chlorobromomethane 25.0 28.6 ug/L 114 70 - 130 Bromoform 25.0 23.4 68 136 ug/L 94 Bromomethane 25.0 23.7 ug/L 95 43 - 151 2-Butanone (MEK) 125 127 102 54 - 130 ug/L n-Butylbenzene 25.0 24.4 97 70 - 142 ug/L sec-Butylbenzene 25.0 23.3 ug/L 93 70 _ 134 tert-Butylbenzene 25.0 24.3 ug/L 97 70 - 135 78 Carbon disulfide 25.0 19.4 ug/L 58 - 130 Carbon tetrachloride 25.0 23.1 ug/L 92 70 - 146 Chlorobenzene 25.0 25.0 ug/L 100 70 - 130Chloroethane 25.0 22.6 ug/L 91 62 - 138 Chloroform 25.0 25.9 ug/L 104 70 - 130 Chloromethane 25.0 23.5 94 52 - 175 ug/L 2-Chlorotoluene 25.0 23.8 ug/L 95 70 - 130 4-Chlorotoluene 25.0 23.9 ug/L 96 70 - 130 Chlorodibromomethane 25.0 25 1 ug/L 101 70 - 145 1,2-Dichlorobenzene 25.0 25.3 ug/L 101 70 - 1301,3-Dichlorobenzene 25.0 26.1 ug/L 104 70 - 130 1,4-Dichlorobenzene 25.0 26.1 ug/L ,104 70 - 130 25.0 27.7 111 70 - 1301,3-Dichloropropane ug/L 1,1-Dichloropropene 25.0 25.3 101 70 - 130 ug/L 1,2-Dibromo-3-Chloropropane 25.0 26.8 ug/L 107 70 - 136 Ethylene Dibromide 25.0 29.1 116 70 - 130 ug/L Dibromomethane 25.0 27.2 ug/L 109 70 - 130 Dichlorodifluoromethane 25.0 18.7 75 34 - 132 ug/L 1.1-Dichloroethane 25.0 25.0 100 70 _ 130 ua/L 25.0 25.5 61 - 132 1.2-Dichloroethane ug/L 102 1,1-Dichloroethene 25.0 23.3 ug/L 93 64 - 128 cis-1,2-Dichloroethene 25.0 26.0 ug/L 104 70 - 130 25.0 68 130 trans-1.2-Dichloroethene 24 4 97 ug/L 1,2-Dichloropropane 25.0 25.8 ug/L 103 70 - 130 cis-1,3-Dichloropropene 25.0 28.0 ug/L 112 70 - 130 25.0 26.3 105 70 - 140 trans-1,3-Dichloropropene ug/L Ethylbenzene 25.0 23.8 ug/L 95 80 _ 120 Hexachlorobutadiene 21.2 85 70 - 130 ug/L 125 133 107 60 - 164 2-Hexanone ug/L 25.0 70 - 130Isopropylbenzene 25.4 ug/L 102 4-Isopropyltoluene 25.0 24.9 100 70 _ 130 ug/L Methylene Chloride 25.0 24.4 98 70 - 147 ug/L 4-Methyl-2-pentanone (MIBK) 125 134 ug/L 107 58 _ 130 Naphthalene 25.0 23.9 ug/L 96 70 - 130 N-Propylbenzene 25.0 24.6 98 70 - 130 ug/L 25.0 26.5 106 70 _ 130 Styrene ug/L

TestAmerica Pleasanton

Page 30 of 44

2/22/2013

QC Sample Results

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

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

Lab Sample ID: LCS 720-129666/5 Matrix: Water

Analysis Batch: 129666

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LCS	LCS			%Rec.	
Analyte	Added	Result	Qualifier	Unit	D %Rec	Limits	
1,1,1,2-Tetrachloroethane	25.0	28.0		ug/L	112	70 - 130	
1,1,2,2-Tetrachloroethane	25.0	26.2		ug/L	105	70 _ 130	
Tetrachloroethene	25.0	26.6		ug/L	106	70 - 130	
Toluene	25.0	23.4		ug/L	94	78 - 120	
1,2,3-Trichlorobenzene	25.0	22.8		ug/L	91	70 _ 130	
1,2,4-Trichlorobenzene	25.0	24.2		ug/L	97	70 _ 130	
1,1,1-Trichloroethane	25.0	25.7		ug/L	103	70 - 130	
1,1,2-Trichloroethane	25.0	27.9		ug/L	112	70 - 130	
Trichloroethene	25.0	26.1		ug/L	104	70 _ 130	
Trichlorofluoromethane	25.0	25.3		ug/L	101	66 - 132	
1,2,3-Trichloropropane	25.0	25.4		ug/L	101	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	23.1		ug/L	93	42 - 162	
ne ·						•	
1,2,4-Trimethylbenzene	25.0	24.5		ug/L	98	70 - 132	
1,3,5-Trimethylbenzene	25.0	24.3		ug/L	97	70 - 130	
Vinyl acetate	. 25.0	28.3		ug/L	113	43 - 163	
Vinyl chloride	25.0	20.5		ug/L	82	54 - 135	
m-Xylene & p-Xylene	50.0	48.8		ug/L	98	70 - 142	
o-Xylene	25.0	25.8		ug/L	103	70 _ 130	
2,2-Dichloropropane	25.0	27.3		ug/L	109	70 - 140	

LCS LCS

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

Lab Sample ID: LCS 720-129666/7

Matrix: Water

Analysis Batch: 129666

Analyte

Added 500 Gasoline Range Organics (GRO) -C5-C12 LCS LCS

Surrogate %Recovery Qualifier Limits 67 _ 130 4-Bromofluorobenzene 97 1,2-Dichloroethane-d4 (Surr) 98 75 - 138 Toluene-d8 (Surr) 99 70 - 130

Lab Sample ID: LCSD 720-129666/6

Matrix: Water

Analysis Batch: 129666

į		Spike	LCSD	LCSD			%Rec.		RPD	
	Analyte	Added	Result	Qualifier U	nit D	%Rec	Limits	RPD	Limit	
	Methyl tert-butyl ether	25.0	27.3	u	g/L	109	62 - 130	0	20	
-	Acetone	125	123	üç	g/L	99	26 - 180	. 11	30	
	Benzene	25.0	24.5	ug	g/L	98	79 _ 130	1	20	
1	Dichlorobromomethane	25.0	27.1	uş	g/L	108	70 - 130	1	20	

Spike

LCS LCS

465

Result Qualifier

Unit

ug/L

D

%Rec

93

TestAmerica Pleasanton

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Limits

62 - 120

%Rec.

Client Sample ID: Lab Control Sample Dup

QC Sample Results

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

TestAmerica Job ID: 720-47453-1

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

Lab Sample ID: LCSD 720-129666/6 .

Matrix: Water

Analysis Batch: 129666

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

Analysis Batch: 129000	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Bromobenzene	25.0	24.3		ug/L		97	70 - 130	3	20
Chlorobromomethane	25.0	28.2		ug/L		113	70 - 130	1.	20
Bromoform	25.0	22.7		ug/L		91	68 - 136	3	20
Bromomethane	25.0	21.8		ug/L		87	43 - 151	9	20
2-Butanone (MEK)	125	107		ug/L		85	54 - 130	18	20
n-Butylbenzene	25.0	23.9		ug/L		96	70 - 142	2	20
sec-Butylbenzene	25.0	22.9		ug/L		92	70 - 134	2	20
tert-Butylbenzene	25.0	23.6		ug/L		94	70 - 135	3	20
Carbon disulfide	25.0	18.9		ug/L		76	58 - 130	. 2	20
Carbon tetrachloride	25.0	22.8		ug/L		91	70 - 146	1	20
Chlorobenzene	25.0	25.1		ug/L		101	70 - 130	0	20
Chloroethane	25.0	21.1		ug/L		85	62 - 138	7	20
Chloroform	25.0	25.8		ug/L		103	70 - 130	1	20
Chloromethane	25.0	21.8		ug/L		87	52 _ 175	7	20
2-Chlorotoluene	25.0	23.5		ug/L		94	70 - 130	1	20
4-Chlorotoluene	25.0	23.8		ug/L		95	70 - 130	0	20
Chlorodibromomethane	25.0	25.0		ug/L		100	70 - 145	. 1	20
1,2-Dichlorobenzene	25.0	25.1		ug/L		101	70 - 130	1	20
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130	1	20
1,4-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130	2	20
1,3-Dichloropropane	25.0	27.3		ug/L		109	70 - 130	1	20
1,1-Dichloropropene	25.0	24.8		ug/L		99	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	25.7		ug/L		103	70 - 136	· 4	20
Ethylene Dibromide	25.0	28.7		ug/L		115	70 - 130	. 1	20
Dibromomethane	25.0	27.2		ug/L		109	70 - 130	0	20
Dichlorodifluoromethane	25.0	17.1		ug/L		68	34 - 132	9	20
1,1-Dichloroethane	25.0	24.7		ug/L		99	70 - 130	1	20
1,2-Dichloroethane	25.0	25.3		ug/L		. 101	61 - 132	1	20
1,1-Dichloroethene	25.0	22.4		ug/L		90	64 - 128	4	20
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	70 _ 130	1	20
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	68 _ 130	0	20
1,2-Dichloropropane	25.0	25.8		ug/L		103	70 - 130	0	20
cis-1,3-Dichloropropene	25.0	28.2		· ug/L		113	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	26.3		ug/L		105	70 - 140	. 0	20
Ethylbenzene	25.0	23.5		ug/L		94	80 - 120	1	20
Hexachlorobutadiene	25.0	21.1		ug/L		84	70 - 130	0	20
2-Hexanone	125	124		ug/L		100	60 - 164	7	20
Isopropylbenzene	25.0	25.1		ug/L		100	70 - 130	. 1	20
4-Isopropyltoluene	25.0	24.3		ug/L		97	70 - 130	3	20
Methylene Chloride	25.0	23.9		ug/L		96	70 - 147	2	20
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	58 - 130	7	20
Naphthalene	25.0	23.6		ug/L		94	70 _– 130	1	20
N-Propylbenzene	25.0	23.8		ug/L		95	70 - 130	3	20
Styrene	25.0	26.4		ug/L		105	70 - 130	0	20
1,1,1,2-Tetrachloroethane	25.0	27.8		ug/L		111	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	. 24.7		ug/L		99	70 - 130	6	20
Tetrachloroethene	25.0	26.2		ug/L		105	70 - 130	1	20
Toluene	25.0	23.1		ug/L		92	78 - 120	1	20

TestAmerica Pleasanton

Page 32 of 44

2/22/2013





Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

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

Lab Sample ID: LCSD 720-129666/6

Matrix: Water Analysis Batch: 129666 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Client Sample ID: Lab Control Sample Dup

•	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,2,3-Trichlorobenzene	25.0	23.4		ug/L		93	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	24.7		ug/L		99	70 - 130	2	20
1,1,1-Trichloroethane	25.0	25.9		ug/L		104	70 - 130	1	20
1,1,2-Trichloroethane	25.0	27.1		ug/L		108	70 - 130	3	20
Trichloroethene	25.0	26.0		ug/L		104	70 - 130	1	20
Trichlorofluoromethane	25.0	24.3		ug/L		97	66 - 132	4	20
1,2,3-Trichloropropane	25.0	23.7		ug/L		95	70 - 130	. 7	20
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	22.0		ug/L		88	42 - 162	5	20
ne									
1,2,4-Trimethylbenzene	25.0	24.1		ug/L		96	70 - 132	2	20
1,3,5-Trimethylbenzene	25.0	23.7		ug/L		95	70 - 130	3	20
Vinyl acetate	25.0	26.1		ug/L		104	43 - 163	8	20
Vinyl chloride	25.0	20.1		ug/L		81	54 - 135	2	20
m-Xylene & p-Xylene	50.0	48.1		ug/L		96	70 _ 142	1	20
o-Xylene	25.0	25.4		ug/L		102	70 - 130	2	20
2,2-Dichloropropane	25.0	28.9		ug/L		116	70 - 140	6	20

LCSD LCSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene 98 67 - 130 95 75 - 138 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 100 70 - 130

Lab Sample ID: LCSD 720-129666/8

Matrix: Water

Analysis Batch: 129666

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)	500	467		ug/L		93	62 - 120	0	20
-C5-C12									

LCSD LCSD %Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene 99 67 - 130 1,2-Dichloroethane-d4 (Surr) 101 75 - 138 70 - 130 Toluene-d8 (Surr) 98

Lab Sample ID: 720-47453-1 MS

Matrix: Water

Analysis Batch: 129666										
	Sample	Sample	Spike	MS	MS		•		%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Methyl tert-butyl ether	ND		25.0	. 29.3		ug/L		117	60 - 138	
Acetone .	ND		125	110		ug/L		88	-60 _ 140	
Benzene	ND		25.0	25.0		ug/L		100	60 - 140	
Dichlorobromomethane	ND		25.0	28.4		ug/L		113	60 _ 140	
Bromobenzene	ND		25.0	25.1		ug/L		100	60 - 140	
Chlorobromomethane	ND		25.0	29.0		ug/L		116	60 _ 140	
Bromoform	ND		25.0	22.6		ug/L		91	56 _ 140	
Bromomethane	ND		25.0	21.9		ug/L		88	23 _ 140	

TestAmerica Pleasanton







Prep Type: Total/NA

Prep Type: Total/NA

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

Lab Sample ID: 720-47453-1 MS

Matrix: Water

Analysis Batch: 129666

Client Samp	ple ID:	MW-03
Prep T	ype: To	otal/NA

	Sample	Sample Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier Added	Result	Qualifier	Unit	D	%Rec	Limits	
2-Butanone (MEK)	ND	125	101		ug/L		81	60 - 140	
n-Butylbenzene	ND	25.0	22.4		ug/L		90	60 - 140	
sec-Butylbenzene	NĎ	25.0	21.8		ug/L		87	60 - 140	
tert-Butylbenzene	ND	25.0	22.9		ug/L		92	60 - 140	
Carbon disulfide	ND	25.0	18.1		ug/L		72	38 _ 140	
Carbon tetrachloride	ND	25.0	21.9		ug/L		88	60 _ 140	
Chlorobenzene	4.8	25.0	29.8		ug/L		100	60 - 140	•
Chloroethane	ND	25.0	21.6		ug/L		86	51 _ 140	
Chloroform	ND	25.0	26.9		ug/L		108	60 - 140	
Chloromethane	ND	25.0	20.9		ug/L		84	52 - 140	
2-Chlorotoluene	ND	25.0	23.4		ug/L		93	60 - 140	
4-Chlorotoluene	ND	25.0	23.6		ug/L		94	60 - 140	
Chlorodibromomethane	ND	25.0	25.9		ug/L		104	60 - 140	
1,2-Dichlorobenzene	1.7	25.0	27.2		ug/L		102	60 - 140	
1,3-Dichlorobenzene	ND	25.0	25.7		ug/L		103	60 - 140	
1,4-Dichlorobenzene	ND	25.0	25.5		ug/L		102	60 - 140	
1,3-Dichloropropane	ND	25.0	28.7		ug/L		115	60 _ 140	
1,1-Dichloropropene	ND	25.0	24.4		ug/L		98	60 - 140	
1,2-Dibromo-3-Chloropropane	ND	25.0	24.6		ug/L		98	60 - 140	
Ethylene Dibromide	ND	25.0	29.4		ug/L		117	60 - 140	
Dibromomethane	ND	25.0	27.8		ug/L		111	60 - 140	
Dichlorodifluoromethane	ND	25.0	16.9		ug/L		67	38 - 140	
1,1-Dichloroethane	ND	25.0	25.3		ug/L		101	60 - 140	•
1,2-Dichloroethane	ND	25.0	26.6		ug/L		107	60 - 140	
1,1-Dichloroethene	ND	25.0	21.3		ug/L		85	60 - 140	
cis-1,2-Dichloroethene	0.65	25.0	27.6		ug/L		108	60 - 140	
trans-1,2-Dichloroethene	ND	25.0	23.9		ug/L		96	60 - 140	
1,2-Dichloropropane	ND	25.0	26.9		ug/L		108	60 - 140	
cis-1,3-Dichloropropene	ND	25.0	28.7		ug/L		115	60 - 140	
trans-1,3-Dichloropropene	ND	25.0	27.4		ug/L		109	60 _ 140	
Ethylbenzene	ND	25.0	22.9		ug/L		92	60 - 140	
Hexachlorobutadiene	ND	25.0	20.1		ug/L		80	60 - 140	
2-Hexanone	ND	125	124		ug/L		99	60 - 140	
Isopropylbenzene	ND	25.0	23.9		ug/L ug/L		95	60 - 140	
4-Isopropyltoluene	ND	25.0	23.0		ug/L		92	60 - 140	
Methylene Chloride	ND	25.0	24.2		ug/L		97	40 - 140	
4-Methyl-2-pentanone (MIBK)	ND	125	126				101		
Naphthalene	ND ND	25.0	23.5		ug/L	•	94	58 ₋ 130 56 ₋ 140	
N-Propylbenzene	, ND	25.0	23.9		ug/L				
Styrene	ND	25.0			ug/L		91	60 - 140	
1,1,1,2-Tetrachloroethane	ND ND		25.8		ug/L		103	60 - 140	
		25.0	28.4		ug/L		114	60 - 140	
1,1,2,2-Tetrachloroethane	ND	25.0	25.3		ug/L		101	60 - 140	
Tetrachloroethene	11	25.0	37.4		ug/L		104	60 - 140	
Toluene	ND	25.0	22.6	*	ug/L		91	60 - 140	
1,2,3-Trichlorobenzene	ND	25.0	23.3		ug/L		93	60 - 140	
1,2,4-Trichlorobenzene	ND	25.0	24.3		ug/L		97	60 - 140	
1,1,1-Trichloroethane	ND	25.0	25.5		ug/L		102	60 - 140	
1,1,2-Trichloroethane	ND	25.0	28.4		ug/L		113	60 _ 140	

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

Lab Sample ID: 720-47453-1 MS

Matrix: Water

Analysis Batch: 129666

Client Sample ID: MW-03 Prep Type: Total/NA

-	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Trichloroethene	1.1		25.0	26.3	and the second second	ug/L		101	60 - 140	
Trichlorofluoromethane .	ND		25.0	23.2		ug/L		93	60 _ 140	
1,2,3-Trichloropropane	ND		25.0	23.8		ug/L		95	60 _ 140	
1,1,2-Trichloro-1,2,2-trifluoroetha	ND		25.0	21.0		ug/L		84	60 - 140	
ne			•							
1,2,4-Trimethylbenzene	ND		25.0	23.7		ug/L		95	60 - 140	
1,3,5-Trimethylbenzene	ND		25.0	22.9		ug/L		92	60 - 140	
Vinyl acetate	ND		25.0	27.0		ug/L		108	40 - 140	
Vinyl chloride	ND		25.0	18.7		ug/L		75	58 - 140	
m-Xylene & p-Xylene	ND		50.0	46.6	•	ug/L		93	60 - 140	
o-Xylene	ND		25.0	25.2		ug/L		101	60 - 140	
2,2-Dichloropropane	ND		25.0	25.9		ug/L		104	60 - 140	
	MS	MS								•

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene
 97
 67 - 130

 1,2-Dichloroethane-d4 (Surr)
 101
 75 - 138

 Toluene-d8 (Surr)
 99
 70 - 130

Lab Sample ID: 720-47453-1 MSD

Matrix: Water

Analysis Batch: 129666

Client Sample ID: MW-03 Prep Type: Total/NA

Analyte Result Qualifier Added Result Qualifier Unif. D %Re Limits RPD Limit Methyl tert-butyl ether ND 25.0 28.6 ug/L 114 60.138 2 22 Acetone ND 125 133 ug/L 83 60.140 6 22 Benzene ND 25.0 24.9 ug/L 199 60.140 1 25 Bromobenzene ND 25.0 28.1 ug/L 101 60.140 1 25 Chlorobromomethane ND 25.0 28.6 ug/L 114 60.140 1 25 Bromomethane ND 25.0 28.6 ug/L 87 23.140 1 25 Bromomethane ND 25.0 21.7 ug/L 88 60.140 1 25 2-Butanone (MEK) ND 25.0 21.5 ug/L 88 60.140 1 25 <th>Analysis Batch. 123000</th> <th>Sample</th> <th>Sample</th> <th>Spike</th> <th>MSD</th> <th>MSD</th> <th></th> <th></th> <th></th> <th>%Rec.</th> <th></th> <th>RPD</th>	Analysis Batch. 123000	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Acetone ND 125 103 ug/L 83 60 - 140 6 25 Benzene ND 25.0 24.9 ug/L 99 60 - 140 1 25 Benzene ND 25.0 24.9 ug/L 112 60 - 140 1 25 Bromobenzene ND 25.0 28.1 ug/L 112 60 - 140 1 25 Bromobenzene ND 25.0 28.6 ug/L 114 60 - 140 0 25 Bromobenzene ND 25.0 28.6 ug/L 114 60 - 140 1 25 Bromobenzene ND 25.0 28.6 ug/L 114 60 - 140 0 25 Bromomethane ND 25.0 28.6 ug/L 90 56 - 140 1 25 Bromomethane ND 25.0 28.6 ug/L 90 66 - 140 1 25 Bromomethane ND 25.0 28.6 ug/L 90 66 - 140 1 25 Bromomethane ND 25.0 28.6 ug/L 90 66 - 140 0 25 Bromomethane ND 25.0 22.6 ug/L 90 66 - 140 1 25 Bromomethane ND 25.0 22.6 ug/L 90 60 - 140 1 25 Bromomethane ND 25.0 22.6 ug/L 90 60 - 140 1 25 Bromomethane ND 25.0 22.5 ug/L 90 60 - 140 6 25 Bromomethane ND 25.0 22.5 ug/L 90 60 - 140 6 25 Bromomethane ND 25.0 22.5 ug/L 90 60 - 140 6 25 Bromomethane ND 25.0 23.3 ug/L 93 60 - 140 1 25 Bromomethane ND 25.0 23.3 ug/L 93 60 - 140 2 2 25 Bromomethane ND 25.0 23.3 ug/L 93 60 - 140 2 2 25 Bromomethane ND 25.0 25.0 18.1 ug/L 38 60 - 140 1 25 Bromomethane ND 25.0 25.0 18.1 ug/L 38 60 - 140 1 25 Bromomethane ND 25.0 25.0 18.1 ug/L 38 60 - 140 1 25 Bromomethane ND 25.0 25.0 18.1 ug/L 38 60 - 140 1 25 Bromomethane ND 25.0 25.0 19.8 ug/L 100 60 - 140 0 25 Bromomethane ND 25.0 25.0 19.8 ug/L 100 60 - 140 1 25 Bromomethane ND 25.0 23.6 ug/L 100 60 - 140 1 25 Bromomethane ND 25.0 23.8 ug/L 95 60 - 140 1 25 Bromomethane ND 25.0 25.0 23.8 ug/L 95 60 - 140 1 25 Bromomethane ND 25.0 25.0 25.7 ug/L 102 60 - 140 1 25 Bromomethane ND 25.0 25.7 ug/L 102 60 - 140 1 25 Bromomethane ND 25.0 25.5 ug/L 102 60 - 140 1 25 Bromomethane ND 25.0 25.5 ug/L 102 60 - 140 1 25 Bromomethane ND 25.0 25.5 ug/L 102 60 - 140 1 25 Bromomethane ND 25.0 25.5 ug/L 102 60 - 140 1 25 Bromomethane ND 25.0 25.5 ug/L 102 60 - 140 1 25 Bromomethane ND 25.0 25.5 ug/L 102 60 - 140 1 25 Bromomethane ND 25.0 25.5 ug/L 102 60 - 140 1 25 Bromomethane ND 25.0 25.5 ug/L 102 60 - 140 1 25 Bromomethane ND 25.0 25.5 ug/L 102 60 - 140 1 25	Analyte	•	•	•			Unit	D	%Rec	Limits	RPD	Limit
Benzene ND 25.0 24.9 ug/L 99 60 - 140 1 26 Dichlorobromomethane ND 25.0 28.1 ug/L 112 60 - 140 1 26 Bromobenzene ND 25.0 25.2 ug/L 101 60 - 140 0 25 Chlorobromomethane ND 25.0 28.6 ug/L 114 60 - 140 0 25 Bromoform ND 25.0 22.6 ug/L 90 56 - 140 0 22 Bromomethane ND 25.0 21.7 ug/L 87 23 - 140 1 25 Bromomethane ND 25.0 21.7 ug/L 87 23 - 140 1 25 Bromomethane ND 25.0 22.5 ug/L 87 02 - 140 1 25 2-Butanone (MEK) ND 25.0 22.5 ug/L 90 60 - 140 1 25 2-Butanone (MEK)	Methyl tert-butyl ether	ND		25.0	28.6		ug/L		114	60 - 138	2	20
Dichlorobromomethane ND 25.0 28.1 ug/L 112 60 - 140 1 26 Bromobenzene ND 25.0 25.2 ug/L 101 60 - 140 0 22 Chlorobromomethane ND 25.0 28.6 ug/L 114 60 - 140 1 22 Bromoform ND 25.0 22.6 ug/L 90 56 - 140 0 22 Bromomethane ND 25.0 21.7 ug/L 87 23 - 140 1 22 2-Butanone (MEK) ND 125 95.9 ug/L 87 00 - 140 6 22 n-Butylbenzene ND 25.0 22.5 ug/L 90 60 - 140 1 20 sec-Butylbenzene ND 25.0 23.3 ug/L 88 60 - 140 1 20 Carbon disulfide ND 25.0 23.3 ug/L 48 60 - 140 2 20 Chlorobenzene <td>Acetone</td> <td>ND</td> <td></td> <td>125</td> <td>103</td> <td></td> <td>ug/L</td> <td></td> <td>83</td> <td>60 - 140</td> <td>6</td> <td>20</td>	Acetone	ND		125	103		ug/L		83	60 - 140	6	20
Bromobenzere ND 25.0 25.2 ug/L 101 60 - 140 0 25 25 25 25 25 25 25	Benzene	ND		25.0	24.9		ug/L		99	60 - 140	1	20
Chlorobromomethane ND 25.0 28.6 ug/L 114 60 - 140 1 20 Bromoform ND 25.0 22.6 ug/L 90 56 - 140 0 20 Bromomethane ND 25.0 21.7 ug/L 87 23 - 140 1 20 25 Butanone (MEK) ND 125 95.9 ug/L 77 60 - 140 6 20 1 25 Butanone (MEK) ND 125 95.9 ug/L 90 60 - 140 6 20 1 25 Butanone (MEK) ND 25.0 22.5 ug/L 90 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 21.9 ug/L 88 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 21.9 ug/L 88 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 23.3 ug/L 93 60 - 140 2 20 8 Bee-Butylbenzene ND 25.0 23.3 ug/L 93 60 - 140 2 20 8 Bee-Butylbenzene ND 25.0 22.1 ug/L 88 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 22.1 ug/L 88 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 22.1 ug/L 88 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 22.1 ug/L 88 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 22.1 ug/L 88 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 22.1 ug/L 88 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.0 29.8 ug/L 100 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.0 29.8 ug/L 100 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.0 20.8 ug/L 83 51 - 140 4 20 8 Bee-Butylbenzene ND 25.0 25.0 19.8 ug/L 79 52 - 140 5 20 8 Bee-Butylbenzene ND 25.0 25.0 23.6 ug/L 94 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 23.8 ug/L 95 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 23.8 ug/L 95 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.7 ug/L 103 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.7 ug/L 103 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.7 ug/L 103 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 8 Bee-Butylbenzene ND 25.0 25.5 ug/L 102 60 - 140 0 1 20 8 Bee-Butylbenz	Dichlorobromomethane	ND		25.0	28.1		ug/L		112	60 - 140	1	20
Bromoform ND 25.0 22.6 ug/L 90 56 - 140 0 26 22 28 28 28 28 28 28 28 28 28 28 28 28	Bromobenzene	· ND		25.0	25.2		ug/L		101	60 - 140	0	20
Bromomethane ND 25.0 21.7 ug/L 87 23 - 140 1 20 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2-	Chlorobromomethane	ND		25.0	28.6		ug/L		114	60 - 140	1	20
2-Butanone (MEK) ND 125 95.9 ug/L 77 60 - 140 6 20 n-Butylbenzene ND 25.0 22.5 ug/L 90 60 - 140 1 20 sec-Butylbenzene ND 25.0 21.9 ug/L 88 60 - 140 1 20 tert-Butylbenzene ND 25.0 23.3 ug/L 93 60 - 140 2 20 Carbon disulfide ND 25.0 18.1 ug/L 72 38 - 140 0 20 Carbon disulfide ND 25.0 22.1 ug/L 88 60 - 140 1 20 Carbon disulfide ND 25.0 22.1 ug/L 88 60 - 140 1 20 Carbon tetrachloride ND 25.0 22.1 ug/L 88 60 - 140 1 20 Carbon tetrachloride ND 25.0 29.8 ug/L 100 60 - 140 0 20 Chlorobenzene 4.8 25.0 29.8 ug/L 100 60 - 140 0 20 Chlorotethane ND 25.0 20.8 ug/L 83 51 - 140 4 20 Chlorotethane ND 25.0 26.5 ug/L 106 60 - 140 1 20 Chloromethane ND 25.0 19.8 ug/L 79 52 - 140 5 20 20 Chlorotoluene ND 25.0 23.6 ug/L 94 60 - 140 1 20 Chlorotoluene ND 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorotoluene ND 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.7 ug/L 103 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.7 ug/L 103 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.7 ug/L 103 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotoluene ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.5 ug/L 101 60 - 140 0 20 Chlorotoluene ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotoluene ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotoluene ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotoluene ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotoluene ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotoluene ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotoluene ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotoluene ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotoluene	Bromoform	ND		25.0	22.6		ug/L		90	56 - 140	0	20
n-Butylbenzene ND 25.0 22.5 ug/L 90 60 - 140 1 26 sec-Butylbenzene ND 25.0 21.9 ug/L 88 60 - 140 1 26 tert-Butylbenzene ND 25.0 21.9 ug/L 88 60 - 140 1 26 tert-Butylbenzene ND 25.0 23.3 ug/L 93 60 - 140 2 26 Carbon disulfide ND 25.0 18.1 ug/L 72 38 - 140 0 26 Carbon tetrachloride ND 25.0 22.1 ug/L 88 60 - 140 1 26 Carbon tetrachloride ND 25.0 22.1 ug/L 88 60 - 140 1 26 Carbon tetrachloride ND 25.0 22.1 ug/L 88 60 - 140 1 26 Carbon tetrachloride ND 25.0 29.8 ug/L 100 60 - 140 0 26 Carbon tetrachloride ND 25.0 29.8 ug/L 100 60 - 140 0 26 Carbon tetrachloride ND 25.0 29.8 ug/L 100 60 - 140 1 26 Carbon tetrachloride ND 25.0 26.5 ug/L 106 60 - 140 1 26 Carbon tetrachloride ND 25.0 26.5 ug/L 106 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 23.6 ug/L 94 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 23.8 ug/L 95 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 23.8 ug/L 95 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.7 ug/L 103 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.7 ug/L 103 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.5 ug/L 102 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.5 ug/L 102 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.5 ug/L 102 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.5 ug/L 102 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.5 ug/L 102 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.	Bromomethane	ND		25.0	21.7		ug/L		87	23 - 140	1	20
sec-Butylbenzene ND 25.0 21.9 ug/L 88 60 - 140 1 20 cert-Butylbenzene ND 25.0 23.3 ug/L 93 60 - 140 2 20 20 Carbon disulfide ND 25.0 18.1 ug/L 72 38 - 140 0 20 Carbon tetrachloride ND 25.0 22.1 ug/L 88 60 - 140 1 20 Carbon tetrachloride ND 25.0 22.1 ug/L 88 60 - 140 1 20 Chlorobenzene 4.8 25.0 29.8 ug/L 100 60 - 140 0 20 Chlorotethane ND 25.0 20.8 ug/L 83 51 - 140 4 20 Chlorotethane ND 25.0 26.5 ug/L 106 60 - 140 1 20 Chlorotethane ND 25.0 26.5 ug/L 79 52 - 140 5 20 Chlorotoluene ND 25.0 23.6 ug/L 94 60 - 140 1 20 Chlorotoluene ND 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorotoluene ND 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorotoluene ND 25.0 25.0 25.7 ug/L 103 60 - 140 1 20 Chlorotolibromomethane ND 25.0 25.7 ug/L 103 60 - 140 1 20 Chlorotolibromomethane ND 25.0 25.7 ug/L 102 60 - 140 1 20 Chlorotolibromomethane ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotolibromomethane ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotolibromomethane ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 20 Chlorotolibromomethane ND 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.5 ug/L 102 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.4 ug/L 101 60 - 140 0 20 Chlorotolibromomethane ND 25.0 25.4 ug/L 101 60 - 140 0 20 Chloro	2-Butanone (MEK)	ND		125	95.9		ug/L		77	60 - 140	6	20
tert-Butylbenzene ND 25.0 23.3 ug/L 93 60 - 140 2 20 20 20 20 20 20 20 20 20 20 20 20	n-Butylbenzene	ND		25.0	22.5		ug/L		90	60 - 140	1	20
Carbon disulfide ND 25.0 18.1 ug/L 72 38 - 140 0 26 Carbon tetrachloride ND 25.0 22.1 ug/L 88 60 - 140 1 26 Carbon tetrachloride ND 25.0 29.8 ug/L 100 60 - 140 0 26 Carbon tetrachloride ND 25.0 29.8 ug/L 100 60 - 140 1 26 Carbon tetrachloride ND 25.0 20.8 ug/L 83 51 - 140 4 26 Carbon tetrachloride ND 25.0 26.5 ug/L 106 60 - 140 1 26 Carbon tetrachloride ND 25.0 26.5 ug/L 106 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 26.5 ug/L 106 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.0 26.5 ug/L 94 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.7 ug/L 95 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.7 ug/L 103 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.5 ug/L 102 60 - 140 1 26 Carbon tetrachloride ND 25.0 25.0 25.5 ug/L 102 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Carbon tetrachloride ND 25.0 25.0 25.4 ug/L 101 60 - 140 0 26 Ca	sec-Butylbenzene	ND		25.0	21.9		ug/L		88	60 - 140	1.	20
Carbon tetrachloride ND 25.0 22.1 ug/L 88 60 - 140 1 20 Chlorobenzene 4.8 25.0 29.8 ug/L 100 60 - 140 0 20 Chloroethane ND 25.0 20.8 ug/L 83 51 - 140 4 20 Chloroform ND 25.0 26.5 ug/L 106 60 - 140 1 20 Chlorothane ND 25.0 19.8 ug/L 79 52 - 140 5 20 2-Chlorotoluene ND 25.0 23.6 ug/L 94 60 - 140 1 20 4-Chlorotoluene ND 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorodibromomethane ND 25.0 25.7 ug/L 103 60 - 140 1 20 1,3-Dichlorobenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 1,4-Dichlor	tert-Butylbenzene	ND		25.0	23.3		ug/L		93	60 - 140	2	20
Chlorobenzene 4.8 25.0 29.8 ug/L 100 60 - 140 0 20 Chloroethane ND 25.0 20.8 ug/L 83 51 - 140 4 20 Chloroform ND 25.0 26.5 ug/L 106 60 - 140 1 20 Chloromethane ND 25.0 19.8 ug/L 79 52 - 140 5 20 20 Chlorotoluene ND 25.0 23.6 ug/L 94 60 - 140 1 20 20 Chlorotoluene ND 25.0 23.6 ug/L 94 60 - 140 1 20 20 Chlorotoluene ND 25.0 23.8 ug/L 95 60 - 140 1 20 20 Chlorotoluene ND 25.0 25.0 25.7 ug/L 103 60 - 140 1 20 20 20 20 20 20 20 20 20 20 20 20 20	Carbon disulfide	ND		25.0	18.1		ug/L		72	38 - 140	0	20
Chloroethane ND 25.0 20.8 ug/L 83 51 - 140 4 20 Chloroform ND 25.0 26.5 ug/L 106 60 - 140 1 20 Chloromethane ND 25.0 19.8 ug/L 79 52 - 140 5 20 2-Chlorotoluene ND 25.0 23.6 ug/L 94 60 - 140 1 20 4-Chlorotoluene ND 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorodibromomethane ND 25.0 25.7 ug/L 103 60 - 140 1 20 1,2-Dichlorobenzene 1.7 25.0 27.3 ug/L 102 60 - 140 0 20 1,3-Dichlorobenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 1,4-Dichlorobenzene ND 25.0 25.5 ug/L 101 60 - 140 0 20	Carbon tetrachloride	ND.		25.0	22.1		ug/L		88	60 _ 140	· 1	20
Chloroform ND 25.0 26.5 ug/L 106 60 - 140 1 20 Chloromethane ND 25.0 19.8 ug/L 79 52 - 140 5 20 2-Chlorotoluene ND 25.0 23.6 ug/L 94 60 - 140 1 20 4-Chlorotoluene ND 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorodibromomethane ND 25.0 25.7 ug/L 103 60 - 140 1 20 1,2-Dichlorobenzene 1.7 25.0 27.3 ug/L 102 60 - 140 0 20 1,3-Dichlorobenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 1,4-Dichlorobenzene ND 25.0 25.4 ug/L 101 60 - 140 0 20	Chlorobenzene	4.8		25.0	29.8		ug/L		100	60 - 140	0	20
Chloromethane ND 25.0 19.8 ug/L 79 52 - 140 5 20 20 20 20 20 20 20 20 20 20 20 20 20	Chloroethane	ND		25.0	20.8		ug/L		83	51 - 140	4	20
2-Chlorotoluene ND 25.0 23.6 ug/L 94 60 - 140 1 20 4-Chlorotoluene ND 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorodibromomethane ND 25.0 25.7 ug/L 103 60 - 140 1 20 1,2-Dichlorobenzene 1.7 25.0 27.3 ug/L 102 60 - 140 0 20 1,3-Dichlorobenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 1,4-Dichlorobenzene ND 25.0 25.4 ug/L 101 60 - 140 0 20	Chloroform	ND		25.0	26.5		ug/L		106	60 - 140	1	20
4-Chlorotoluene ND 25.0 23.8 ug/L 95 60 - 140 1 20 Chlorodibromomethane ND 25.0 25.7 ug/L 103 60 - 140 1 20 1,2-Dichlorobenzene 1.7 25.0 27.3 ug/L 102 60 - 140 0 20 1,3-Dichlorobenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 1,4-Dichlorobenzene ND 25.0 25.4 ug/L 101 60 - 140 0 20 1,4-Dichlorobenzene	Chloromethane	ND		25.0	19.8		ug/L		79	52 _ 140	5	20
Chlorodibromomethane ND 25.0 25.7 ug/L 103 60 - 140 1 20 1,2-Dichlorobenzene 1.7 25.0 27.3 ug/L 102 60 - 140 0 20 1,3-Dichlorobenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 1,4-Dichlorobenzene ND 25.0 25.4 ug/L 101 60 - 140 0 20 1,4-Dichlorobenzene	2-Chlorotoluene	ND		25.0	23.6		ug/L		94	60 - 140	1	20
1,2-Dichlorobenzene 1.7 25.0 27.3 ug/L 102 60 - 140 0 20 1,3-Dichlorobenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 1,4-Dichlorobenzene ND 25.0 25.4 ug/L 101 60 - 140 0 20	4-Chlorotoluene	ND		25.0	23.8		ug/L		95	60 - 140	1	20
1,3-Dichlorobenzene ND 25.0 25.5 ug/L 102 60 - 140 1 20 1,4-Dichlorobenzene ND 25.0 25.4 ug/L 101 60 - 140 0 20	Chlorodibromomethane	ND		25.0	25.7		ug/L		103	60 - 140	1	20
1,4-Dichlorobenzene ND 25.0 25.4 ug/L 101 60 - 140 0 20	1,2-Dichlorobenzene	1.7		25.0	27.3		ug/L		102	60 - 140	0	20
	1,3-Dichlorobenzene	. ND		25.0	25.5		ug/L		102	60 - 140	1	20
1.3-Dichloropropage ND 25.0 27.6 ug/L 110 60 - 140 4 20	1,4-Dichlorobenzene	ND		25.0	25.4		ug/L		101	60 - 140	0	20
1,0 Digital opiopalio	1,3-Dichloropropane	. ND	•	25.0	27.6		ug/L		110	60 - 140	4	20

TestAmerica Pleasanton

2/22/2013

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

Lab Sample ID: 720-47453-1 MSD

Matrix: Water

Surrogate

4-Bromofluorobenzene

Toluene-d8 (Surr)

1,2-Dichloroethane-d4 (Surr)

Analysis Batch: 129666

Client Sample ID: MW-03 Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD .				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,1-Dichloropropene	ND		25.0	24.2		ug/L		97	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	23.9		ug/L		95	60 - 140	3	20
Ethylene Dibromide	ND		25.0	28.8		ug/L		115	60 - 140	2	20
Dibromomethane	ND		25.0	27.7		ug/L		111	60 - 140	0	20
Dichlorodifluoromethane	ND		25.0	16.4		ug/L		65	38 - 140	3	20
1,1-Dichloroethane	ND		25.0	25.3		ug/L		101	60 - 140	0	20
1,2-Dichloroethane	ND		25.0	26.3		ug/L		105	60 - 140	1	20
1,1-Dichloroethene	. ND		25.0	20.8	•	ug/L		83	60 - 140	2	20
cis-1,2-Dichloroethene	0.65		25.0	27.2		ug/L		106	60 - 140	1	20
trans-1,2-Dichloroethene	ND		25.0	23.4		ug/L		94	60 - 140	2	20
1,2-Dichloropropane	ND		25.0	27.0		ug/L		108	60 - 140	0	20
cis-1,3-Dichloropropene	ND		25.0	28.5		ug/L		114	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	26.8		ug/L		107	60 _ 140	2	20
Ethylbenzene	ND		25.0	23.0		ug/L		92	60 - 140	0	20
Hexachlorobutadiene	ND		25.0	20.7		ug/L		83	60 - 140	3	20
2-Hexanone	ND		125	114		ug/L		91	60 - 140	9	20
Isopropylbenzene	ND		25.0	24.1		ug/L		96	60 - 140	1	20
4-Isopropyltoluene	ND		25.0	23.3		ug/L		93	60 - 140	1	20
Methylene Chloride	ND		25.0	24.0		ug/L		96	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	117		ug/L		93	58 130	8	20
Naphthalene	ND		25.0	22.6		ug/L		90	56 - 140	4	20
N-Propylbenzene	ND		25.0	23.1		ug/L		92	60 - 140	1	20
Styrene	ND		25.0	25.9		ug/L		104	60 - 140	0	20
1,1,1,2-Tetrachloroethane	- ND		25.0	28.9		ug/L		116	60 - 140	2	20
1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	60 - 140	4	20
Tetrachloroethene	11		25.0	37.2		ug/L		103	60 - 140	1	20
Toluene	ND		25.0	22.7		ug/L		91	60 _ 140	0	20
1,2,3-Trichlorobenzene	ND		25.0	23.4		ug/L		94	60 _ 140	0	20
1,2,4-Trichlorobenzene	. ND		25.0	24.1		ug/L		97	60 _ 140	1	20
1,1,1-Trichloroethane	ND		25.0	26.0		ug/L .		104	60 - 140	2	20
1,1,2-Trichloroethane	ND		25.0	27.3		ug/L		109	60 - 140	4	20
Trichloroethene	1.1		25.0	26.6		ug/L		102	60 - 140	1	20
Trichlorofluoromethane	ND		25.0	23.1		ug/L		92	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	23.6		ug/L		94	60 - 140	1	20
1,1,2-Trichloro-1,2,2-trifluoroetha	ND		25.0	21.1		ug/L		85	60 - 140	0	20
ne											
1,2,4-Trimethylbenzene	ND		25.0	23.5		ug/L		94	60 - 140	. 1	20
1,3,5-Trimethylbenzene	ND		25.0	23.4		ug/L		94	60 - 140	2	20
Vinyl acetate	ND		25.0	25.7		ug/L		103	40 - 140	5	20
Vinyl chloride	ND		25.0	17.9		ug/L		72	58 - 140	4	20
m-Xylene & p-Xylene	ND		50.0	46.8		ug/L		94	60 - 140	0	20
o-Xylene	ND		25.0	25.2		ug/L		101	60 - 140	0	20
2,2-Dichloropropane	ND		25.0	27.5		ug/L		110	60 - 140	6	20

TestAmerica Pleasanton

Limits

67 - 130

75 - 138

70 - 130

MSD MSD

%Recovery Qualifier

100

101

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

GC/MS VOA

Ana	lvsis	Batch:	129624
ruiu	17010	Duton.	ILVVLT

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47453-2	MP-03-1	Total/NA	Water	8260B/CA_LUFT	
		•		MS	
720-47453-3	TB012913	· Total/NA	Water	8260B/CA_LUFT	
				MS	
720-47453-4	MP-03-3	Total/NA	Water	8260B/CA_LUFT	
				MS	
720-47453-5	MP-03-2	Total/NA	Water	8260B/CA_LUFT	
700 47450 0	MD 04.0	T	387.1	MS	
720-47453-6	MP-04-3	Total/NA	Water	8260B/CA_LUFT	
720-47453-7	MP-04-2	Total/NA	Water	MS	
720-47455-7	IVIF-04-2	, IOIai/NA	vvalei	8260B/CA_LUFT MS	
720-47453-8	MW-01	Total/NA	Water	8260B/CA_LUFT	
		10001777	7 10.0	MS	
720-47453-9	MW-100	Total/NA	Water	8260B/CA LUFT	
				MS	
720-47453-10	MP-04-1	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 720-129624/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 720-129624/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
1.000 700 400047			100	MS	
LCSD 720-129624/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT	
LCSD 720-129624/9	Lab Control Sample Dup	Total/NA	Motor	MS	
LOOD 120-123024/3	Lab Control Sample Dup	TOTAL/NA	Water	8260B/CA_LUFT	
MB 720-129624/5	Method Blank	Total/NA	Water	MS 8260B/CA_LUFT	
LO ILOUL IIO	Diding	1000/14/	***************************************	MS	

Analysis Batch: 129666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47453-1	MW-03	Total/NA	Water	8260B/CA_LUFT	
				MS ·	
720-47453-1 MS	MVV-03	Total/NA	Water	8260B/CA_LUFT	
				MS	
720-47453-1 MSD	MVV-03	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 720-129666/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS '	•
LCS 720-129666/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
1 0 0 D = 0 0 1 0 0 0 0 0 0 0				MS .	
LCSD 720-129666/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT	
LOOD 700 4000000	Lab Control Control D	41. 14.41		MS	
LCSD 720-129666/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT	
MB 720-129666/4	Mothed Dienk	Total/NIA	Matan	MS	
IVID / 2U-129000/4	Method Blank	Total/NA	Water	8260B/CA_LUFT	
				MS	

Lab Sample ID: 720-47453-1

Matrix: Water

Client Sample ID: MW-03 Date Collected: 01/29/13 08:15 Date Received: 01/29/13 16:44

Batch Prep Type Type

Analysis

Total/NA

Batch Method Run 8260B/CA LUFTMS

Dilution Factor

Batch Prepared Number 129666

or Analyzed 01/30/13 12:53

Analyst Lah TAL SF AC

Client Sample ID: MP-03-1 Date Collected: 01/29/13 09:10

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-2

Matrix: Water

Batch Batch Dilution Batch Prepared Prep Type Method Factor Number or Analyzed Type Run Analyst Lab Total/NA Analysis 8260B/CA_LUFTMS 129624 01/29/13 22:59 AC TAL SE

Client Sample ID: TB012913

Date Collected: 01/29/13 09:20 Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-3

Matrix: Water

Batch Dilution Batch Batch Prepared Factor Prep Type Type Method Run Number or Analyzed Analyst Lab TAL SF Total/NA Analysis 8260B/CA_LUFTMS 129624 01/29/13 22:29 AC

Client Sample ID: MP-03-3

Date Collected: 01/29/13 10:40

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-4

Matrix: Water

Batch Batch Dilution Batch Prepared Method Prep Type Туре Run Factor Number or Analyzed Analyst Lah 8260B/CA LUFTMS AC TAL SF Total/NA Analysis 129624 01/29/13 23:28

Client Sample ID: MP-03-2

Date Collected: 01/29/13 10:55

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-5

Matrix: Water

Dilution Batch Batch Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Analysis 8260B/CA_LUFTMS 129624 01/29/13 23:57 AC TAL SF

Client Sample ID: MP-04-3

Date Collected: 01/29/13 12:35

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-6

Matrix: Water

Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Analysis 8260B/CA LUFTMS 129624 01/30/13 00:26 AC TAL SF

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-1

Client Sample ID: MP-04-2

Date Collected: 01/29/13 13:30

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-7

Matrix: Water

Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst l ah TAL SF Total/NA Analysis 8260B/CA_LUFTMS 129624 01/30/13 00:56 AC

Client Sample ID: MW-01

Date Collected: 01/29/13 14:15

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-8

Matrix: Water

Batch Batch Dilution Batch Prepared Method **Prep Type** Туре Run Factor Number or Analyzed Analyst Lab 8260B/CA_LUFTMS TAL SF Total/NA Analysis 129624 01/30/13 01:25 AC

Client Sample ID: MW-100

Date Collected: 01/29/13 14:30

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-9

Matrix: Water

Batch Ratch Dilution Batch Prepared Method Prep Type Type Run Factor Number or Analyzed Analyst Lab Total/NA Analysis 8260B/CA_LUFTMS 129624 01/30/13 01:55 AC TAL SF

Client Sample ID: MP-04-1

Date Collected: 01/29/13 14:50

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-10

Matrix: Water

Dilution Batch Batch Batch Prepared Prep Type Туре Method Factor Number or Analyzed Analyst Lab Total/NA Analysis 8260B/CA_LUFTMS 129624 01/30/13 02:24 AC TAL SF

Laboratory References:

TAL SF = 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: 720-47453-1

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: 720-47453-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTM	8260B / CA LUFT MS	SW846	TAL SF

Protocol References:

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

Laboratory References:

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

TestAmerica Pleasanton

Page 41 of 44

2/22/2013

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

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-47453-1	MVV-03	Water	01/29/13 08:15	01/29/13 16:44
720-47453-2	MP-03-1	Water	01/29/13 09:10	01/29/13 16:44
720-47453-3	TB012913	Water	01/29/13 09:20	01/29/13 16:44
720-47453-4	MP-03-3	Water	01/29/13 10:40	01/29/13 16:44
720-47453-5	MP-03-2	Water	01/29/13 10:55	01/29/13 16:44
720-47453-6	MP-04-3	Water	01/29/13 12:35	01/29/13 16:44
720-47453-7	MP-04-2	Water	01/29/13 13:30	01/29/13 16:44
720-47453-8	MVV-01	Water	01/29/13 14:15	01/29/13 16:44
720-47453-9	MW-100	Water	01/29/13 14:30	01/29/13 16:44
720-47453-10	MP-04-1	Water	01/29/13 14:50	01/29/13 16:44

CHAIN-OF-CUSTODY RECORD	720-47453-1	143745, OAK 17416
PROJECT NAME: CYOUN Cherro		DATE: (29 13 PAGE OF 2
PROJECT NUMBER: ODIO 1000 10,00000 PROJECT NUMBER: RESULTS TO: 2000 10,00000 PROJECT NUMBER: STURNAROUND TIME: SAMPLE SHIPMENT METHOD:	LABORATORY NAME: TEST AMERICA LABORATORY ADDRESS: 12720 DECEMBER PLEASCANTON CA LABORATORY CONTACT LABORATORY PHONE NUMBER: 25-484-1646	REPORTING REQUIREMENTS:
RESULTS TO: 2 days	LABORATORY ADDRESS:	
STURNAROUND TIME: AVENUE PROMOCE COMECICON	n Pleasanton CA	
SAMPLE SHIPMENT METHOD:	LABORATORY CONTACT:	GEOTRACKER REQUIRED YES NO
Diope lab	LABORATORY PHONE NUMBER:	SITE SPECIFIC GLOBAL ID NO. TIDECCOOL 6/6
SAMPLERS (SIGNATURE):	ANALYSES	BITE GREATER GLOBAL ID NO. 1 GREATER G
		(0)
1 Dealle		
Cary of	CONT TYPE A	Preservative Type WishasD O of Containers Preservative Type WishasD O of Containers No. of Containers
SAMPLE	CONT	TAINER (S) pa vage page ADDITIONAL
DATE TIME NUMBER	SONT	TAINER (S) Dolor Passar Dolor ADDITIONAL COMMENTS COMM
1/29/13 08/15 MW-03	X 40ml	
1 C910 MP-03-1	X Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	VOA WN HCOYY3 MS/MSD
0920 173012913		
+ 1040 MP-03-3		3
1055 MP-03-2	$\frac{1}{\lambda}$	
· 1235 MP-04-3		3
1330 MP-04-2	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
1415 MW-01		
1430 MW-100		11111113
V 1450 MP-04-1		
	RECEIVED BY: DATE TIME TOTAL NUMBER OF CONTI	AINERS: 29
SIGNATURE: Va	SIGNATURE: SAMPLING COMMENTS:	
PRINTED NAME AND STATE OF THE PRINTE	PRINTED NAME: 29/ 16:44 - PINA MSIA	ISD on sample HW-03 if enough
COMPANY	COMPANT:	
SIGNATURE:	SIGNATURE: Sample UC	JONANNA .
PRINTED NAME:	PRINTED NAME:	
COMPANY:	COMPANY:	
SIGNATURE:	SIGNATURE: 2101 Webster	Street, 12th Floor
PRINTED NAME:		PZ VS-CIV
COMPANY:		fornia 94612-3066 D Fax 510.663.4141

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 720-47453-1

List Source: TestAmerica Pleasanton

Login Number: 47453

List Number: 1

Creator: Tacmo, David

Creator: Tacmo, David			•
Question	Answer	Comment	•
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td> <td></td>	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.	False		
Is the Field Sampler's name present on COC?	True		
There are no discrepancies between the containers received and the COC.	True		
Samples are received within Holding Time.	True		
Sample containers have legible labels.	True		
Containers are not broken or leaking.	True		
Sample collection date/times are provided.	True		
Appropriate sample containers are used.	True		
Sample bottles are completely filled.	True		
Sample Preservation Verified.	N/A		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True		
Multiphasic samples are not present.	True	•	
Samples do not require splitting or compositing.	True		
Residual Chlorine Checked.	N/A		

TestAmerica THE LEADER IN ENIMENTAL TESTING

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: 720-47453-2 Client Project/Site: Crown Chevrolet

Revision: 2

For:

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

Attn: Avery Patton

Abenfal

Authorized for release by: 2/22/2013 4:57:09 PM

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

..... Links

Review your project results through

Have a Question?



Visit us at:www.testamericainc.com

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

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

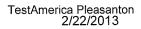
Table of Contents

Cover Page	1
Table of Contents	
Definitions/Glossary	
Case Narrative	
Detection Summary	
Client Sample Results	
	18
	29
Lab Chronicle	30
Certification Summary	32
	33
	34
	35
Pacaint Chacklists	36









Definitions/Glossary

Client: AMEC Environment & Infrastructure, Inc.

Toxicity Equivalent Quotient (Dioxin)

Project/Site: Crown Chevrolet

TEQ

TestAmerica Job ID: 720-47453-2

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, Reanalysis, Re-extraction, or additional Initial metals/anion.analysis of the sample
DLC	Decision level concentration
EDL .	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Case Narrative

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

TestAmerica Job ID: 720-47453-2

Job ID: 720-47453-2

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-47453-2

Revised Report on 2/21/13.

Comments

No additional comments.

Receipt

The samples were received on 1/29/2013 4:44 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7° C.

Except:

Only received 3-40ml Hcl voa vials for MW-03, limited sample for MS/MSD.

GC/MS VOA

Method(s) 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample 720-47453-12 and 720-47453-15 is due to the presence of discrete peak and does not match our Gasoline standard.

No other analytical or quality issues were noted.

Client Sample ID: MW-02					,	Lal	b S	ample ID: 72	0-47453-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.6		0.50		ug/L	. 1		8260B/CA_LUFT MS	Total/NA
trans-1,2-Dichloroethene	0.54		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Tetrachioroethene	19		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	15		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Client Sample ID: MP-02-1						Lal	o S	ample ID: 72	0-47453-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.4		0.50		ug/L	1	_	8260B/CA_LUFT	Total/NA
trans-1,2-Dichloroethene	0.80		0.50		ug/L	1		MS 8260B/CA_LUFT MS	Total/NA
Tetrachloroethene	6.6		0.50		ug/L	. 1		8260B/CA_LUFT MS	Total/NA
Trichloroethene	61		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	100	R	50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Client Sample ID: MP-02-2						Lal	o S	ample ID: 72	0-47453-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.52		0.50		ug/L	. 1		8260B/CA_LUFT	Total/NA
Trichloroethene	1.2		0.50		ug/L	1		MS 8260B/CA_LUFT MS	Total/NA
Client Sample ID: MP-02-3						Lal	o S	ample ID: 72	0-47453-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.54		0.50		ug/L	1	_	8260B/CA_LUFT MS	Total/NA
Client Sample ID: MP-01-1						Lal	o S	ample ID: 72	0-47453-1
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	0.80		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: MP-01-2						Lal	o S	ample ID: 72	0-47453-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	62	<u> </u>	50		ug/L	1	*******	8260B/CA_LUFT MS	Total/NA
2-Hexanone	120		50		ug/L	1		8260B/CA_LUFT	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

MS

Detection Summary

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

TestAmerica Job ID: 720-47453-2

Client Sample ID: MP-01-3

Lab Sample ID: 720-47453-17

Analyte	Result	Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
2-Hexanone	59	-	50	ug/L	1	8260B/CA_LUFT	Total/NA
						MS	

Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-2

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

Client Sample ID: MW-02 Date Collected: 01/29/13 08:42 Date Received: 01/29/13 16:44 Lab Sample ID: 720-47453-11

Matrix: Water

Date Received: 01/29/13 16:44	Posult	Qualifier	RL	MDI Unit	D	Drongrad	Analyzed	Dil Fac
Analyte Methyl tot but other	ND	Qualifier	0.50	MDL Unit		Prepared	01/30/13 02:53	1
Methyl tert-butyl ether Acetone	. ND		50	ug/L			01/30/13 02:53	1
Benzene	ND ND		0.50	ug/L			01/30/13 02:53	1
Dichlorobromomethane	ND ND			ug/L			01/30/13 02:53	. 1
			0.50	ug/L				1
Bromobenzene	ND		1.0	ug/L			01/30/13 02:53	
Chlorobromomethane	ND		1.0	ug/L			01/30/13 02:53	1
Bromoform	ND		1.0	ug/L			01/30/13 02:53	
Bromomethane	ND		1.0	ug/L			01/30/13 02:53	, 1
2-Butanone (MEK)	ND		50	ug/L			01/30/13 02:53	1
n-Butylbenzene	ND		1.0	ug/L			01/30/13 02:53	1
sec-Butylbenzene	ND		1.0	ug/L			01/30/13 02:53	1
tert-Butylbenzene	ND		1.0	ug/L			01/30/13 02:53	1
Carbon disulfide	ND		5.0	ug/L			01/30/13 02:53	1
Carbon tetrachloride	ND		0.50	ug/L			01/30/13 02:53	1
Chlorobenzene	ND		0.50	ug/L			01/30/13 02:53	1
Chloroethane	ND		1.0	ug/L			01/30/13 02:53	1
Chloroform	ND	•	1.0	ug/L			01/30/13 02:53	1
Chloromethane	ND		1.0	ug/L			01/30/13 02:53	1
2-Chlorotoluene	ND		0.50	ug/L			01/30/13 02:53	1
4-Chlorotoluene	ND		0.50	ug/L			01/30/13 02:53	1
Chlorodibromomethane	ND		0.50	ug/L			01/30/13 02:53	1
1,2-Dichlorobenzene	ND		0.50	ug/L			01/30/13 02:53	1
1,3-Dichlorobenzene	ND		0.50	ug/L			01/30/13 02:53	1
1,4-Dichlorobenzene	ND		0.50	ug/L			01/30/13 02:53	1
1,3-Dichloropropane	ND		1.0	ug/L			01/30/13 02:53	1
1,1-Dichloropropene	ND		0.50	ug/L			01/30/13 02:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			01/30/13 02:53	1
Ethylene Dibromide	ND		0.50	ug/L			01/30/13 02:53	1
Dibromomethane	ND.		0.50	ug/L			01/30/13 02:53	1
Dichlorodifluoromethane	ND		0.50	ug/L			01/30/13 02:53	1
1,1-Dichloroethane	ND		0.50	ug/L			01/30/13 02:53	1
1,2-Dichloroethane	· ND		0.50	ug/L			01/30/13 02:53	1
1,1-Dichloroethene	ND		0.50	ug/L			01/30/13 02:53	1
cis-1,2-Dichloroethene	1.6		0.50	ug/L			01/30/13 02:53	1
trans-1,2-Dichloroethene	0.54		0.50	ug/L			01/30/13 02:53	. 1
1,2-Dichloropropane	ND		0.50	ug/L			01/30/13 02:53	1
cis-1,3-Dichloropropene	ND'		0.50	ug/L			01/30/13 02:53	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			01/30/13 02:53	1
Ethylbenzene	ND		0.50	ug/L			01/30/13 02:53	1
Hexachlorobutadiene	ND		1.0	ug/L			01/30/13 02:53	1
2-Hexanone	ND		50	ug/L			01/30/13 02:53	1
Isopropylbenzene	ND		0.50	ug/L			01/30/13 02:53	1
4-Isopropyltoluene	ND		1.0	ug/L			01/30/13 02:53	1
Methylene Chloride	ND		5.0	ug/L			01/30/13 02:53	1
4-Methyl-2-pentanone (MIBK)	ND		50	ug/L			01/30/13 02:53	. 1
Naphthalene	ND		1.0	ug/L			01/30/13 02:53	1
N-Propylbenzene	ND		1.0	ug/L			01/30/13 02:53	1
Styrene	ND		0.50	ug/L		•	01/30/13 02:53	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			01/30/13 02:53	1

TestAmerica Pleasanton

Page 7 of 36

2/22/2013

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

Lab Sample ID: 720-47453-11 Client Sample ID: MW-02 Date Collected: 01/29/13 08:42 Matrix: Water Date Received: 01/29/13 16:44

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L		- w	01/30/13 02:53	1
Tetrachloroethene	19		0.50		ug/L			01/30/13 02:53	1
Toluene	ND		0.50		ug/L			01/30/13 02:53	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/30/13 02:53	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/30/13 02:53	1
1,1,1-Trichloroethane	ND		0.50		ug/L			01/30/13 02:53	1
1,1,2-Trichloroethane	ND		0.50		ug/L			01/30/13 02:53	1
Trichloroethene	15		0.50		ug/L			01/30/13 02:53	1
Trichlorofluoromethane	ND		1.0		ug/L			01/30/13 02:53	1
1,2,3-Trichloropropane	ND		0.50		ug/L			01/30/13 02:53	. 1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			01/30/13 02:53	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			01/30/13 02:53	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			01/30/13 02:53	1
Vinyl acetate	ND		10		ug/L			01/30/13 02:53	1
Vinyl chloride	ND		0.50		ug/L			01/30/13 02:53	1
Xylenes, Total	ND		1.0		ug/L		•	01/30/13 02:53	1
2,2-Dichloropropane	ND		0.50		ug/L			01/30/13 02:53	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			01/30/13 02:53	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91	67 - 130		01/30/13 02:53	1
1,2-Dichloroethane-d4 (Surr)	106	75 ₋ 138		01/30/13 02:53	. 1
Toluene-d8 (Surr)	97	70 - 130		01/30/13 02:53	1

Client Sample ID: MP-02-1 Lab Sample ID: 720-47453-12 Date Collected: 01/29/13 09:42 Matrix: Water

Date Received: 01/29/13 16:44									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND	/MATERIAL TO A STREET OF THE S	0.50		ug/L			01/30/13 03:23	1
Acetone	ND		50		ug/L			01/30/13 03:23	1
Benzene	ND		0.50		ug/L			01/30/13 03:23	1
Dichlorobromomethane	ND		0.50		ug/L			01/30/13 03:23	_. 1
Bromobenzene	ND		1.0		ug/L			01/30/13 03:23	1
Chlorobromomethane	ND		1.0		ug/L			01/30/13 03:23	1
Bromoform	ND	•	1.0		ug/L			01/30/13 03:23	1
Bromomethane	ND		1.0		ug/L			01/30/13 03:23	1
2-Butanone (MEK)	ND		50		ug/L			01/30/13 03:23	1
n-Butylbenzene	ND		1.0		ug/L			01/30/13 03:23	1
sec-Butylbenzene	ND		1.0		ug/L			01/30/13 03:23	1
tert-Butylbenzene	ND		1.0		ug/L			01/30/13 03:23	1
Carbon disulfide	ND		5.0		ug/L			01/30/13 03:23	1
Carbon tetrachloride	ND		0.50		ug/L			01/30/13 03:23	1
Chlorobenzene	ND		0.50		ug/L			01/30/13 03:23	1
Chloroethane	ND		1.0		ug/L			01/30/13 03:23	1
Chloroform	ND		1.0		ug/L			01/30/13 03:23	1
Chloromethane	ND		1.0		ug/L			01/30/13 03:23	1
2-Chlorotoluene	ND		0.50		ug/L			01/30/13 03:23	1
4-Chlorotoluene	ND	•	0.50		ug/L			01/30/13 03:23	1
Chlorodibromomethane	ND		0.50	•	ug/L			01/30/13 03:23	1





Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

Client Sample ID: MP-02-1

Vinyl acetate

Vinyl chloride

Xylenes, Total

-C5-C12 Surrogate

2,2-Dichloropropane

4-Bromofluorobenzene

Gasoline Range Organics (GRO)

TestAmerica Job ID: 720-47453-2

Lab Sample ID: 720-47453-12

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

Date Collected: 01/29/13 09:42 Date Received: 01/29/13 16:44	•	•					Matrix	k: Water
Analyte	Result	Qualifier	RL	MDL Unit	. D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.50	ug/L			01/30/13 03:23	1
1,3-Dichlorobenzene	. ND		0.50	ug/L			01/30/13 03:23	1
1,4-Dichlorobenzene	ND		0.50	ug/L			01/30/13 03:23	1
1,3-Dichloropropane	ND		1.0	ug/L			01/30/13 03:23	1
1,1-Dichloropropene	ND		0.50	ug/L			01/30/13 03:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			01/30/13 03:23	1
Ethylene Dibromide	ND		0.50	ug/L			01/30/13 03:23	1
Dibromomethane	ND		0.50	' ug/L			01/30/13 03:23	1
Dichlorodifluoromethane	ND		0.50	ug/L			01/30/13 03:23	. 1
1,1-Dichloroethane	ND		0.50	ug/L			01/30/13 03:23	1
1,2-Dichloroethane	ND		0.50	ug/L			01/30/13 03:23	1
1,1-Dichloroethene	ND		0.50	ug/L			01/30/13 03:23	1
cis-1,2-Dichloroethene	4.4		0.50	ug/L			01/30/13 03:23	
trans-1,2-Dichloroethene	0.80		0.50	ug/L			01/30/13 03:23	1
1,2-Dichloropropane	ND		0.50	ug/L			01/30/13 03:23	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			01/30/13 03:23	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			01/30/13 03:23	1
Ethylbenzene	ND		0.50	ug/L			01/30/13 03:23	1
Hexachlorobutadiene	ND		1.0	ug/L			01/30/13 03:23	1
2-Hexanone	ND		50	ug/L			01/30/13 03:23	1
Isopropylbenzene	ND		0.50	ug/L			01/30/13 03:23	1
4-Isopropyltoluene	ND		1.0	ug/L			01/30/13 03:23	1
Methylene Chloride	ND		5.0	ug/L			01/30/13 03:23	1
4-Methyl-2-pentanone (MIBK)	ND		50	ug/L			01/30/13 03:23	1
Naphthalene	ND		1.0	ug/L			01/30/13 03:23	1
N-Propylbenzene	ND		1.0	ug/L			01/30/13 03:23	1
Styrene	ND		0.50	ug/L			01/30/13 03:23	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			01/30/13 03:23	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			01/30/13 03:23	1
Tetrachloroethene	6.6		0.50	ug/L			01/30/13 03:23	1
Toluene	ND	•	0.50	ug/L			01/30/13 03:23	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			01/30/13 03:23	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			01/30/13 03:23	- 1
1,1,1-Trichloroethane	ND		0.50	ug/L			01/30/13 03:23	1
1,1,2-Trichloroethane	ND		0.50	ug/L			01/30/13 03:23	1
Trichloroethene	61		0.50	ug/L			01/30/13 03:23	1
Trichlorofluoromethane	ND		1.0	ug/L			01/30/13 03:23	1
1,2,3-Trichloropropane	ND		0.50	ug/L			01/30/13 03:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L			01/30/13 03:23	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L			01/30/13 03:23	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			01/30/13 03:23	1

Analyzed 01/30/13 03:23

TestAmerica Pleasanton

01/30/13 03:23

01/30/13 03:23

01/30/13 03:23

01/30/13 03:23

01/30/13 03:23

Prepared

Limits

67 - 130

10

0.50

1.0

0.50

50

ug/L

ug/L

ug/L

ug/L

ug/L

ND

ND

ND

ND

100 R

%Recovery Qualifier

93

Dil Fac





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

Client Sample ID: MP-02-1 Date Collected: 01/29/13 09:42 Lab Sample ID: 720-47453-12 Matrix: Water

Date Received: 01/29/13 16:44

Client Sample ID: MP-02-2

Date Collected: 01/29/13 10:22

Surrogate	%Recovery	Qualifier	Limits	•	Prepared	Analyzed	Dil Fac
 1,2-Dichloroethane-d4 (Surr)	109		75 - 138	_		01/30/13 03:23	. 1
Toluene-d8 (Surr)	100		70 - 130			01/30/13 03:23	1

Lab Sample ID: 720-47453-13

Matrix: Water

Date Received: 01/29/13 16:44 Analyte	Pacult	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND	Quanner	0.50		ug/L		riepareu	01/30/13 03:52	1
Acetone	ND		50		ug/L			01/30/13 03:52	. 1
Benzene	ND		0.50		ug/L			01/30/13 03:52	1
Dichlorobromomethane	ND		0.50		ug/L			01/30/13 03:52	. 1
Bromobenzene	ND		1.0		ug/L			01/30/13 03:52	1
Chlorobromomethane	ND		1.0		ug/L			01/30/13 03:52	1
Bromoform	ND		1.0		ug/L			01/30/13 03:52	1
Bromomethane	ND		1.0		ug/L			01/30/13 03:52	1
2-Butanone (MEK)	ND		50		ug/L			01/30/13 03:52	1
n-Butylbenzene	ND		1.0		ug/L			01/30/13 03:52	1
sec-Butylbenzene	ND		1.0		ug/L			01/30/13 03:52	1
tert-Butylbenzene	ND		1.0		ug/L		• •	01/30/13 03:52	1
Carbon disulfide	, ND		5.0		ug/L			01/30/13 03:52	1
Carbon tetrachloride	ND		0.50		ug/L			01/30/13 03:52	. 1
Chlorobenzene	ND		0.50		ug/L			01/30/13 03:52	. 1
Chloroethane	ND		1.0		ug/L		_	01/30/13 03:52	1
Chloroform	ND		1.0		ug/L			01/30/13 03:52	1
Chloromethane	ND		1.0		ug/L			01/30/13 03:52	1
2-Chlorotoluene	ND		0.50		ug/L			01/30/13 03:52	1
4-Chlorotoluene	ND.		0.50		ug/L			01/30/13 03:52	1
Chlorodibromomethane	ND		0.50		ug/L			01/30/13 03:52	1
1,2-Dichlorobenzene	ND		0.50		ug/L			01/30/13 03:52	1
1,3-Dichlorobenzene	ND		0.50		ug/L	•		01/30/13 03:52	1
1,4-Dichlorobenzene	ND		0.50		ug/L			01/30/13 03:52	1
1,3-Dichloropropane	ND		1.0		ug/L		•	01/30/13 03:52	1
1,1-Dichloropropene	ND		0.50		ug/L			01/30/13 03:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			01/30/13 03:52	1
Ethylene Dibromide	ND		0.50		ug/L			01/30/13 03:52	1
Dibromomethane	ND		0.50		ug/L			01/30/13 03:52	1
Dichlorodifluoromethane	ND		0.50		ug/L			01/30/13 03:52	1
1,1-Dichloroethane	ND		0.50		ug/L			01/30/13 03:52	1
1,2-Dichloroethane	ND		0.50		ug/L			01/30/13 03:52	1
1,1-Dichloroethene	ND		0.50		ug/L			01/30/13 03:52	1
cis-1,2-Dichloroethene	0.52		0.50		ug/L			01/30/13 03:52	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			01/30/13 03:52	1
1,2-Dichloropropane	ND		0.50		ug/L			01/30/13 03:52	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			01/30/13 03:52	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			01/30/13 03:52	1
Ethylbenzene	ND		0.50		ug/L			01/30/13 03:52	1
Hexachlorobutadiene	ND		1.0		ug/L			01/30/13 03:52	1
2-Hexanone	ND		50		ug/L			01/30/13 03:52	1
Isopropylbenzene	ND		0.50		ug/L			01/30/13 03:52	1

TestAmerica Pleasanton

Page 10 of 36

Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-2

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

Client Sample ID: MP-02-2

Date Collected: 01/29/13 10:22

Lab Sample ID: 720-47453-13 Matrix: Water

Date Received: 01/29/13 16:44							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND	1.0	ug/L			01/30/13 03:52	1
Methylene Chloride	ND	5.0	ug/L			01/30/13 03:52	1
4-Methyl-2-pentanone (MIBK)	ND ·	50	ug/L			01/30/13 03:52	1
Naphthalene	ND	1.0	ug/L			01/30/13 03:52	1
N-Propylbenzene	ND	1.0	ug/L			01/30/13 03:52	1
Styrene	ND	0.50	ug/L			01/30/13 03:52	1
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L			01/30/13 03:52	1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L			01/30/13 03:52	1
Tetrachloroethene	ND	0.50	ug/L			01/30/13 03:52	1
Toluene	ND	0.50	ug/L			01/30/13 03:52	1
1,2,3-Trichlorobenzene	ND	1.0	ug/L			01/30/13 03:52	1
1,2,4-Trichlorobenzene	ND	1.0	ug/L			01/30/13 03:52	1
1,1,1-Trichloroethane	ND	0.50	ug/L			01/30/13 03:52	. 1
1,1,2-Trichloroethane	ND	0.50	ug/L			01/30/13 03:52	1
Trichloroethene	1.2	0.50	ug/L			01/30/13 03:52	1
Trichlorofluoromethane	ND	1.0	ug/L			01/30/13 03:52	1
1,2,3-Trichloropropane	ND	0.50	ug/L			01/30/13 03:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	ug/L			01/30/13 03:52	1
1,2,4-Trimethylbenzene	ND	0.50	ug/L			01/30/13 03:52	1
1,3,5-Trimethylbenzene	ND ´	0.50	ug/L			01/30/13 03:52	1
Vinyl acetate	ND	10	ug/L			01/30/13 03:52	1
Vinyl chloride	ND	0.50	ug/L			01/30/13 03:52	1
Xylenes, Total	ND	1.0	ug/L			01/30/13 03:52	1
2,2-Dichloropropane	ND	0.50	· ug/L			01/30/13 03:52	. 1
Gasoline Range Organics (GRO)	ND	50	ug/L			01/30/13 03:52	1

 Surrogate	%Recovery	Qualifier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90	67 - 130	1000 100 100 100	01/30/13 03:52	1
1,2-Dichloroethane-d4 (Surr)	109	75 - 138		01/30/13 03:52	1
Toluene-d8 (Surr)	96	70 _ 130		01/30/13 03:52	1

Client Sample ID: MP-02-3

Date Collected: 01/29/13 11:45

Date Received: 01/29/13 16:44

-C5-C12

Lab Sample ID: 720-47453-14 Matrix: Water

	Date Received: 01/29/13 16:44								
-	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
1	Methyl tert-butyl ether	. ND		0.50	ug/L			01/30/13 04:07	1
	Acetone	ND		50	ug/L			01/30/13 04:07	1
	Benzene	ND		0.50	ug/L			01/30/13 04:07	1
	Dichlorobromomethane	ND		0.50	ug/L		•	01/30/13 04:07	1
	Bromobenzene	ND		1.0	ug/L			01/30/13 04:07	1
	Chlorobromomethane	ND		1.0	ug/L			01/30/13 04:07	1
	Bromoform	ND		1.0	ug/L			01/30/13 04:07	1
	Bromomethane	ND		1.0	ug/L			01/30/13 04:07	, 1
	2-Butanone (MEK)	· ND		50	ug/L	*		01/30/13 04:07	1
	n-Butylbenzene	ND		1.0	ug/L			01/30/13 04:07	1
	sec-Butylbenzene	ND		1.0	ug/L			01/30/13 04:07	1
-	tert-Butylbenzene	ND		1.0	ug/L			01/30/13 04:07	1
-	Carbon disulfide	ND		5.0	ug/L			01/30/13 04:07	1
	Carbon tetrachloride	ND		0.50	ug/L			01/30/13 04:07	1

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

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

Client Sample ID: MP-02-3 Date Collected: 01/29/13 11:45 Lab Sample ID: 720-47453-14 Matrix: Water

Date Received: 01/29/13 16:44							
Analyte	Result	Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.50	ug/L	And State	01/30/13 04:07	1
Chloroethane	ND		1.0	ug/L		01/30/13 04:07	1
Chloroform	ND		1.0	ug/L		01/30/13 04:07	1
Chloromethane	ND		1.0	ug/L		01/30/13 04:07	1
2-Chlorotoluene	ND		0.50	ug/L		01/30/13 04:07	1
4-Chlorotoluene	ND		0.50	ug/L	•	01/30/13 04:07	1
Chlorodibromomethane	, ND		0.50	ug/L		01/30/13 04:07	1
1,2-Dichlorobenzene	ND		0.50	ug/L		01/30/13 04:07	1
1,3-Dichlorobenzene	ND		0.50	ug/L		01/30/13 04:07	1
1,4-Dichlorobenzene	ND		0.50	ug/L		01/30/13 04:07	1
1,3-Dichloropropane	ND		1.0	ug/L		01/30/13 04:07	1
1,1-Dichloropropene	ND		0.50	ug/L		01/30/13 04:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L		01/30/13 04:07	1
Ethylene Dibromide	ND		0.50	ug/L		01/30/13 04:07	1
Dibromomethane	ND		0.50	ug/L		01/30/13 04:07	1
Dichlorodifluoromethane	, ND		0.50	ug/L		01/30/13 04:07	1
1,1-Dichloroethane	ND		0.50	ug/L		01/30/13 04:07	1
1,2-Dichloroethane	ND		0.50	ug/L		01/30/13 04:07	1
1,1-Dichloroethene	ND		0.50	ug/L		01/30/13 04:07	1
cis-1,2-Dichloroethene	ND		0.50	ug/L		01/30/13 04:07	. 1
trans-1,2-Dichloroethene	ND		0.50	ug/L		01/30/13 04:07	. 1
1,2-Dichloropropane	ND	•	0.50	ug/L		01/30/13 04:07	1
cis-1,3-Dichloropropene	ND		0.50	ug/L .		01/30/13 04:07	1
trans-1,3-Dichloropropene	ND		0.50	ug/L		01/30/13 04:07	1
Ethylbenzene	ND		0.50	ug/L		01/30/13 04:07	1
Hexachlorobutadiene	ND		1.0	ug/L		01/30/13 04:07	1
2-Hexanone	ND		50	ug/L		01/30/13 04:07	1
Isopropylbenzene	ND		0.50	ug/L		01/30/13 04:07	1
4-lsopropyltoluene	ND		1.0	ug/L		01/30/13 04:07	1
Methylene Chloride	ND		5.0	ug/L	•	01/30/13 04:07	1
4-Methyl-2-pentanone (MIBK)	ND		50	ug/L		01/30/13 04:07	1
Naphthalene	ND		1.0	ug/L		01/30/13 04:07	. 1
N-Propylbenzene	ND		1.0	ug/L		01/30/13 04:07	. 1
Styrene	ND		0.50	ug/L		01/30/13 04:07	1
1,1,1,2-Tetrachioroethane	ND		0.50	ug/L		01/30/13 04:07	. 1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L		01/30/13 04:07	1
Tetrachloroethene	ND		0.50	ug/L		01/30/13 04:07	. 1
Toluene	ND		0.50	ug/L		01/30/13 04:07	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L	•	01/30/13 04:07	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L		01/30/13 04:07	1
1,1,1-Trichloroethane	ND		0.50	ug/L	* *	01/30/13 04:07	1
1,1,2-Trichloroethane	ND		0.50	ug/L		01/30/13 04:07	1
Trichloroethene	0.54		0.50	ug/L		01/30/13 04:07	1
Trichlorofluoromethane	ND		1.0	ug/L		01/30/13 04:07	1
1,2,3-Trichloropropane	ND		0.50	ug/L		01/30/13 04:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L		01/30/13 04:07	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L		01/30/13 04:07	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L		01/30/13 04:07	1
Vinyl acetate	ND		10	ug/L		.01/30/13 04:07	1
I and the second							

Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-2

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

Client Sample ID: MP-02-3 Date Collected: 01/29/13 11:45 Lab Sample ID: 720-47453-14

Matrix: Water

Date Received: 01/29/13 16:44

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND	0.50	ug/L			01/30/13 04:07	1
Xylenes, Total	ND	1.0	ug/L			01/30/13 04:07	1
2,2-Dichloropropane	ND	0.50	ug/L		-	01/30/13 04:07	1
Gasoline Range Organics (GRO)	ND	50	ug/L			01/30/13 04:07	1

-C5-C12

Surrogate	%Recovery Qualifier	Limits	Prepared Analyze	ed Dil Fac
4-Bromofluorobenzene	88	67 - 130	01/30/13 0	4:07 1
1,2-Dichloroethane-d4 (Surr)	96	75 - 138	01/30/13 0	4:07 1
Toluene-d8 (Surr)	98	70 - 130	01/30/13 0	4:07 1

Lab Sample ID: 720-47453-15

Matrix: Water

Date Collected: 01/29/13 13:20

Client Sample ID: MP-01-1

trans-1,2-Dichloroethene

Date Collected: 01/29/13 13:20 Date Received: 01/29/13 16:44							inau i	A. Walei
Analyte	Result	Qualifier RL	MDL	Unit	Đ	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND	0.50)	ug/L			01/30/13 04:35	1
Acetone	· ND	50) ' 1	ug/L			01/30/13 04:35	1
Benzene	ND	0.50) 1	ug/L			01/30/13 04:35	. 1
Dichlorobromomethane	ND	0.50) 1	ug/L			01/30/13 04:35	. 1
Bromobenzene	ND	1.0		ug/L			01/30/13 04:35	1
Chlorobromomethane	ND.	1.0) .	ug/L			01/30/13 04:35	. 1
Bromoform	ND	1.0) (ug/L			01/30/13 04:35	1
Bromomethane	ND	1.0) .	ug/L			01/30/13 04:35	1
2-Butanone (MEK)	ND	. 50) .	ug/L			01/30/13 04:35	1
n-Butylbenzene	ND	1.0)	ug/L			01/30/13 04:35	1
sec-Butylbenzene	ND	1.0) 1	ug/L			01/30/13 04:35	. 1
tert-Butylbenzene	ND	1.0) <u> </u>	ug/L			01/30/13 04:35	1
Carbon disulfide	ND	5.0) .	ug/L			01/30/13 04:35	1
Carbon tetrachloride	ND	. 0.50) .	ug/L			01/30/13 04:35	1
Chlorobenzene	ND	0:50) .	ug/L			01/30/13 04:35	1
Chloroethane	ND	1.0) .	ug/L			01/30/13 04:35	. 1
Chloroform	ND	1.0) (ug/L			01/30/13 04:35	. 1
Chloromethane	ND	1.0) .	ug/L			01/30/13 04:35	1
2-Chlorotoluene	ND	0.50) .	ug/L			01/30/13 04:35	1
4-Chlorotoluene	ND	0.50) .	ug/L			01/30/13 04:35	1
Chlorodibromomethane	ND	0.50) .	ug/L			01/30/13 04:35	1
1,2-Dichlorobenzene	ND	0.50) .	ug/L		•	01/30/13 04:35	1
1,3-Dichlorobenzene	ND	0.50) ·	ug/L			01/30/13 04:35	1
1,4-Dichlorobenzene	ND	0.50) .	ug/L			01/30/13 04:35	1
1,3-Dichloropropane	ND	1.0) 1	ug/L			01/30/13 04:35	1
1,1-Dichloropropene	ND	0.50) .	ug/L			01/30/13 04:35	1
1,2-Dibromo-3-Chloropropane	ND	٠ 1.0) .	ug/L			01/30/13 04:35	1
Ethylene Dibromide	ND	0.50)	ug/L			01/30/13 04:35	1
Dibromomethane	ND	0.50)	ug/L			01/30/13 04:35	1
Dichlorodifluoromethane	, ND	0.50) .	ug/L			01/30/13 04:35	1
1,1-Dichloroethane	ND	0.50) .	ug/L			01/30/13 04:35	1
1,2-Dichloroethane	ND	0.50)	ug/L			01/30/13 04:35	1
1,1-Dichloroethene	ND	0.50) 1	ug/L			01/30/13 04:35	1
cis-1,2-Dichloroethene	ND	0.50) 1	ug/L			01/30/13 04:35	1

TestAmerica Pleasanton

01/30/13 04:35

2/22/2013

Page 13 of 36

0.50

ug/L

ND

Client Sample ID: MP-01-1

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

Lab Sample ID: 720-47453-15

Matrix: Water

Date Collected: 01/29/13 13:20 Date Received: 01/29/13 16:44

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND	***************************************	0.50		ug/L			01/30/13 04:35	1
cis-1,3-Dichloropropene	· ND		0.50		ug/L			01/30/13 04:35	1
trans-1,3-Dichloropropene	. ND		0.50		ug/L			01/30/13 04:35	1
Ethylbenzene	ND		0.50		ug/L			01/30/13 04:35	1
Hexachlorobutadiene	ND		1.0		ug/L			01/30/13 04:35	1
2-Hexanone	ND		. 50		ug/L			01/30/13 04:35	1
Isopropylbenzene	ND		0.50		ug/L			01/30/13 04:35	1
4-Isopropyltoluene	ND		1.0		ug/L			01/30/13 04:35	1
Methylene Chloride	ND		5.0		ug/L			01/30/13 04:35	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/30/13 04:35	1
Naphthalene	ND		1.0		ug/L			01/30/13 04:35	1
N-Propylbenzene	ND		1.0		ug/L			01/30/13 04:35	1
Styrene	ND		0.50		ug/L			01/30/13 04:35	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			01/30/13 04:35	1.
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			01/30/13 04:35	1
Tetrachloroethene	160		0.50		ug/L			01/30/13 04:35	1
Toluene	ND		0.50		ug/L			01/30/13 04:35	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/30/13 04:35	1.
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/30/13 04:35	1
1,1,1-Trichloroethane	ND		0.50		ug/L			01/30/13 04:35	1
1,1,2-Trichloroethane	ND		0.50	1	ug/L			01/30/13 04:35	1
Trichloroethene	0.80		0.50	1	ug/L			01/30/13 04:35	1
Trichlorofluoromethane	ND		1.0	1	ug/L			01/30/13 04:35	1
1,2,3-Trichloropropane	ND		0.50	1	ug/L			01/30/13 04:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			01/30/13 04:35	. 1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			01/30/13 04:35	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			01/30/13 04:35	1
Vinyl acetate	. ND	•	10	ı	ug/L			01/30/13 04:35	1
Vinyl chloride	ND		0.50	1	ug/L			01/30/13 04:35	1
Xylenes, Total	ND		1.0		ug/L			01/30/13 04:35	1
2,2-Dichloropropane	ND		0.50	(ug/L			01/30/13 04:35	1
Gasoline Range Organics (GRO)	150	र	50		ug/L			01/30/13 04:35	1
-C5-C12				,					
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

4-Bromofluorobenzene 67 - 130 01/30/13 04:35 1,2-Dichloroethane-d4 (Surr) 98 75 - 138 01/30/13 04:35 Toluene-d8 (Surr) 96 70 - 130 01/30/13 04:35

Client Sample ID: MP-01-2

Date Collected: 01/29/13 14:10

Date Received: 01/29/13 16:44	•								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			01/30/13 05:03	1
Acetone	62		50		ug/L			01/30/13 05:03	1
Benzene	ND		0.50		ug/L		•	01/30/13 05:03	1
Dichlorobromomethane	ND		0.50		ug/L			01/30/13 05:03	1
Bromobenzene	ND		1.0		ug/L			01/30/13 05:03	1
Chlorobromomethane	ND		1.0		ug/L ·	*		01/30/13 05:03	1
Bromoform	ND		1.0		ug/L			01/30/13 05:03	1

TestAmerica Pleasanton

Lab Sample ID: 720-47453-16 Matrix: Water

Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-2

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

Client Sample ID: MP-01-2 Date Collected: 01/29/13 14:10 Lab Sample ID: 720-47453-16

Matrix: Water

Date Received: 01/29/13 16:44							
Analyte	Result Qualifier	RL	MDL Unit	D F	repared	Analyzed	Dil Fac
Bromomethane	ND	1.0	ug/L			01/30/13 05:03	1
2-Butanone (MEK)	ND	50	ug/L			01/30/13 05:03	1
n-Butylbenzene	ND	1.0	ug/L			01/30/13 05:03	1
sec-Butylbenzene	ND	1.0	ug/L			01/30/13 05:03	. 1
tert-Butylbenzene	ND	1.0	ug/L			01/30/13 05:03	1
Carbon disulfide	ND	5.0	ug/L			01/30/13 05:03	1
Carbon tetrachloride	ND	0.50	ug/L			01/30/13 05:03	1
Chlorobenzene	ND	0.50	ug/L			01/30/13 05:03	1
Chloroethane	ND	1.0	ug/L	•		01/30/13 05:03	1
Chloroform	ND	1.0	ug/L			01/30/13 05:03	1
Chloromethane	ND	1.0	ug/L			01/30/13 05:03	1
2-Chlorotoluene	ND	0.50	ug/L			01/30/13 05:03	1
4-Chlorotoluene	ND	0.50	ug/L			01/30/13 05:03	1
Chlorodibromomethane	ND	0.50	ug/L			01/30/13 05:03	1
1,2-Dichlorobenzene	ND	0.50	ug/L			01/30/13 05:03	1
1,3-Dichlorobenzene	ND ·	0.50	ug/L		•	01/30/13 05:03	1
1,4-Dichlorobenzene	ND	0.50	ug/L			01/30/13 05:03	1
1,3-Dichloropropane	ND ·	1.0	ug/L			01/30/13 05:03	1
1,1-Dichloropropene	ND ·	0.50	ug/L			01/30/13 05:03	1
1,2-Dibromo-3-Chloropropane	ND	1.0	ug/L			01/30/13 05:03	1
Ethylene Dibromide	ND	0.50	ug/L			01/30/13 05:03	1
Dibromomethane	ND	0.50	ug/L	•		01/30/13 05:03	1
Dichlorodifluoromethane	ND	0.50	ug/L			01/30/13 05:03	1
1,1-Dichloroethane	ND	0.50	ug/L			01/30/13 05:03	1
1,2-Dichloroethane	ND	0.50	ug/L			01/30/13 05:03	1
1,1-Dichloroethene	ND	0.50	ug/L			01/30/13 05:03	, 1
cis-1,2-Dichloroethene	ND	0.50	ug/L			01/30/13 05:03	1
trans-1,2-Dichloroethene	ND	0.50	ug/L			01/30/13 05:03	1
1,2-Dichloropropane	ND	0.50	ug/L			01/30/13 05:03	. 1
cis-1,3-Dichloropropene	ND +	0.50	ug/L			01/30/13 05:03	. 1
trans-1,3-Dichloropropene	ND	0.50	ug/L			01/30/13 05:03	1
Ethylbenzene	ND	0.50	ug/L			01/30/13 05:03	1
Hexachlorobutadiene	ND	1.0	ug/L			01/30/13 05:03	1
2-Hexanone	120	50	ug/L			01/30/13 05:03	1
Isopropylbenzene	ND	0.50	ug/L			01/30/13 05:03	. 1
4-Isopropyltoluene	ND	1.0	ug/L			01/30/13 05:03	1
Methylene Chloride	ND	5.0	ug/L			01/30/13 05:03	1
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L			01/30/13 05:03	1
Naphthalene	ND	1.0	ug/L			01/30/13 05:03	1
N-Propylbenzene	ND	1.0	· ug/L			01/30/13 05:03	1
Styrene	ND	0.50	ug/L			01/30/13 05:03	1
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L			01/30/13 05:03	1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L			01/30/13 05:03	1
Tetrachloroethene	ND	0.50	ug/L			01/30/13 05:03	1
Toluene	ND	0.50	ug/L			01/30/13 05:03	1
1,2,3-Trichlorobenzene	ND	1.0	ug/L			01/30/13 05:03	1
	ND ND	1.0	ug/L ug/L			01/30/13 05:03	1
1,2,4-Trichlorobenzene 1,1,1-Trichloroethane	and the second s	0.50				01/30/13 05:03	1
	ND		ug/L				
1,1,2-Trichloroethane	ND	0.50	ug/L			01/30/13 05:03	1

TestAmerica Pleasanton

2/22/2013

Client Sample ID: MP-01-2

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

Lab Sample ID: 720-47453-16

Matrix: Water

Date Collected: 01/29/13 14:10 Date Received: 01/29/13 16:44						,		Matri	x: Water
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.50		ug/L			01/30/13 05:03	1
Trichlorofluoromethane	ND		1.0		ug/L			01/30/13 05:03	1
1,2,3-Trichloropropane	ND		0.50		ug/L			01/30/13 05:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			01/30/13 05:03	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			01/30/13 05:03	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L		•	01/30/13 05:03	1
Vinyl acetate	ND		10		ug/L		•	01/30/13 05:03	1
Vinyl chloride	ND		0.50		ug/L			01/30/13 05:03	1
Xylenes, Total	ND		1.0		ug/L			01/30/13 05:03	1
2,2-Dichloropropane	ND		0.50		ug/L			01/30/13 05:03	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			01/30/13 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene	90		67 - 130	01/30/13 05:03	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 138	01/30/13 05:03	1
Toluene-d8 (Surr)	100	4	70 - 130	01/30/13 05:03	1

Client Sample ID: MP-01-3 Lab Sample ID: 720-47453-17 Date Collected: 01/29/13 15:09

Matrix: Water

Date Received: 01/29/13 16:44							maa.	A. Water
Analyte	Result	Qualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND	0.50		ug/L			01/30/13 05:31	1
Acetone	ND	50		ug/L			01/30/13 05:31	1
Benzene	ND	0.50		ug/L			01/30/13 05:31	1
Dichlorobromomethane	ND	0.50		ug/L			01/30/13 05:31	1
Bromobenzene	ND	1.0		ug/L			01/30/13 05:31	1
Chlorobromomethane	ND	1.0		ug/L			01/30/13 05:31	1
Bromoform	ND	1.0		ug/L			01/30/13 05:31	1
Bromomethane	ND	1.0		ug/L			01/30/13 05:31	1
2-Butanone (MEK)	ND	50		ug/L			01/30/13 05:31	1
n-Butylbenzene	ND	1.0		ug/L			01/30/13 05:31	1
sec-Butylbenzene	ND	. 1.0		ug/L			01/30/13 05:31	1
tert-Butylbenzene	ND	1.0		ug/L			01/30/13 05:31	1
Carbon disulfide	ND	5.0		ug/L			01/30/13 05:31	1
Carbon tetrachloride	ND	0.50		ug/L			01/30/13 05:31	1
Chlorobenzene	ND	0.50		ug/L			01/30/13 05:31	1
Chloroethane	ND	1.0		ug/L			01/30/13 05:31	1
Chloroform	ND	1.0		ug/L			01/30/13 05:31	1,
Chloromethane	. ND	1.0		ug/L			01/30/13 05:31	1
2-Chlorotoluene	ND	0.50		ug/L			01/30/13 05:31	1
4-Chlorotoluene	ND	0.50		ug/L			01/30/13 05:31	1
Chlorodibromomethane	ND	0.50		ug/L			01/30/13 05:31	1
1,2-Dichlorobenzene	ND	0.50		ug/L			01/30/13 05:31	1
1,3-Dichlorobenzene	ND	0.50		ug/L			01/30/13 05:31	1
1,4-Dichlorobenzene	ND	0.50		ug/L			01/30/13 05:31	1
1,3-Dichloropropane	ND	1.0		ug/L			01/30/13 05:31	1
1,1-Dichloropropene	ND	0.50		ug/L			01/30/13 05:31	1
1,2-Dibromo-3-Chloropropane	ND	1.0		ug/L			01/30/13 05:31	1
Ethylene Dibromide	ND	0.50		ug/L			01/30/13 05:31	1
	•							





Client Sample Results

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

4-Bromofluorobenzene

Toluene-d8 (Surr)

1,2-Dichloroethane-d4 (Surr)

TestAmerica Job ID: 720-47453-2

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

Client Sample ID: MP-01-3 Date Collected: 01/29/13 15:09 Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-17

Matrix: Water

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50	ug/L			01/30/13 05:31	1
Dichlorodifluoromethane	ND		0.50	ug/L			01/30/13 05:31	1
1,1-Dichloroethane	ND		0.50	ug/L			01/30/13 05:31	1
1,2-Dichloroethane	ND		0.50	ug/L			01/30/13 05:31	1
1,1-Dichloroethene	ND		0.50	ug/L			01/30/13 05:31	1
cis-1,2-Dichloroethene	ND		0.50	ug/L			01/30/13 05:31	1
trans-1,2-Dichloroethene	ND		0.50	ug/L			01/30/13 05:31	1
1,2-Dichloropropane	ND		0.50	ug/L			01/30/13 05:31	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			01/30/13 05:31	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			01/30/13 05:31	1
Ethylbenzene	ND		0.50	ug/L			01/30/13 05:31	1
Hexachlorobutadiene	ND		1.0	ug/L			01/30/13 05:31	1
2-Hexanone	59		50	ug/L			01/30/13 05:31	1
Isopropylbenzene	ND		0.50	ug/L		•	01/30/13 05:31	1
4-Isopropyltoluene	ND		1.0	ug/L			01/30/13 05:31	1
Methylene Chloride	ND		5.0	. ug/L			01/30/13 05:31	1
4-Methyl-2-pentanone (MIBK)	ND		50	ug/L			01/30/13 05:31	1
Naphthalene	ND		1.0	ug/L			01/30/13 05:31	1
N-Propylbenzene	ND		1.0	ug/L			01/30/13 05:31	1
Styrene	ND		0.50	ug/L			01/30/13 05:31	1
1,1,1,2-Tetrachioroethane	ND		0.50	ug/L			01/30/13 05:31	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			01/30/13 05:31	. 1
Tetrachloroethene	ND		0.50	ug/L			01/30/13 05:31	1
Toluene	ND		0.50	ug/L			01/30/13 05:31	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			01/30/13 05:31	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			01/30/13 05:31	1
1,1,1-Trichloroethane	ND		0.50	ug/L			01/30/13 05:31	1
1,1,2-Trichloroethane	ND		0.50	ug/L			01/30/13 05:31	. 1
Trichloroethene	ND		0.50	ug/L			01/30/13 05:31	1
Trichlorofluoromethane	ND		1.0	ug/L			01/30/13 05:31	1
1,2,3-Trichloropropane	ND		0.50	ug/L			01/30/13 05:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L			01/30/13 05:31	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L			01/30/13 05:31	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			01/30/13 05:31	· 1
Vinyl acetate	. ND		10	ug/L			01/30/13 05:31	1
Vinyl chloride	ND		0.50	ug/L			01/30/13 05:31	1
Xylenes, Total	ND		1.0	ug/L			01/30/13 05:31	1
2,2-Dichloropropane	ND		0.50	ug/L			01/30/13 05:31	1
Gasoline Range Organics (GRO)	ND		50	ug/L			01/30/13 05:31	1
-C5-C12								
Surrogate	%Recovery	Qualifier	Limits	•		Prepared	Analyzed	Dil Fac
			07 400		-		04/00/40 05:04	

01/30/13 05:31

01/30/13 05:31

01/30/13 05:31

TestAmerica Pleasanton

67 - 130

75 - 138

70 - 130

91

98

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

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

Lab Sample ID: MB 720-129624/5

Matrix: Water

Analysis Batch: 129624

Client Sample ID: Method Blank

Prep Type: Total/NA

Alidiysis Batcii. 129024	MB M	MB				
Analyte	Result (Qualifier RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND	0.50	ug/L		01/29/13 17:37	1
Acetone	ND	50	ug/L		01/29/13 17:37	1
Benzene	ND	0.50	ug/L		01/29/13 17:37	1
Dichlorobromomethane	ND	0.50	ug/L		01/29/13 17:37	1
Bromobenzene	ND	1.0	ug/L		01/29/13 17:37	1
Chlorobromomethane	ND	1.0	ug/L		01/29/13 17:37	1
Bromoform	ND	1.0	ug/L		01/29/13 17:37	. 1
Bromomethane	ND	1.0	ug/L		01/29/13 17:37	1
2-Butanone (MEK)	ND	50	ug/L		01/29/13 17:37	1
n-Butylbenzene	ND	1.0	ug/L		01/29/13 17:37	1
sec-Butylbenzene	ND	1.0	ug/L	•	01/29/13 17:37	1
tert-Butylbenzene	ND	1.0	ug/L		01/29/13 17:37	1
Carbon disulfide	ND	5.0	ug/L		01/29/13 17:37	1
Carbon tetrachloride	ND	0.50	ug/L		01/29/13 17:37	1
Chlorobenzene	ND	0.50	ug/L		01/29/13 17:37	1
Chloroethane	ND	1.0	ug/L		01/29/13 17:37	. 1
Chloroform	ND	1.0	ug/L		01/29/13 17:37	1
Chloromethane	ND	1.0	ug/L		01/29/13 17:37	. 1
2-Chlorotoluene	ND	0.50	ug/L		01/29/13 17:37	1
4-Chlorotoluene	ND	0.50	ug/L		01/29/13 17:37	1
Chlorodibromomethane	ND	0.50	ug/L		01/29/13 17:37	1
1,2-Dichlorobenzene	ND	0.50	ug/L		01/29/13 17:37	1
1,3-Dichlorobenzene	ND	0.50	ug/L		01/29/13 17:37	1
1,4-Dichlorobenzene	ND	0.50	ug/L		01/29/13 17:37	1
1,3-Dichloropropane	ND	1.0	ug/L		01/29/13 17:37	1
1,1-Dichloropropene	ND	0.50	ug/L	•	01/29/13 17:37	1
1,2-Dibromo-3-Chloropropane	ND	1.0	ug/L		01/29/13 17:37	1.
Ethylene Dibromide	ND	0.50	ug/L		01/29/13 17:37	1
Dibromomethane	ND	0.50	ug/L		01/29/13 17:37	1
Dichlorodifluoromethane	ND	0.50	ug/L		01/29/13 17:37	1
1,1-Dichloroethane	ND	0.50	ug/L	•	01/29/13 17:37	. 1
1,2-Dichloroethane	ND	0.50	ug/L		01/29/13 17:37	1
1,1-Dichloroethene	ND	0.50	ug/L		01/29/13 17:37	1
cis-1,2-Dichloroethene	ND	0.50	ug/L		01/29/13 17:37	1
trans-1,2-Dichloroethene	ND	0.50	ug/L		01/29/13 17:37	1
1,2-Dichloropropane	ND	0.50	ug/L		01/29/13 17:37	1
cis-1,3-Dichloropropene	ND	0.50	ug/L		01/29/13 17:37	1
trans-1,3-Dichloropropene	ND	0.50	ug/L		01/29/13 17:37	1
Ethylbenzene	ND	0.50	ug/L		01/29/13 17:37	1
Hexachlorobutadiene	ND	1.0	ug/L		01/29/13 17:37	1
2-Hexanone	ND	50	ug/L		01/29/13 17:37	1
Isopropylbenzene	ND	0.50	ug/L	•	01/29/13 17:37	1 -
4-Isopropyltoluene	ND -	1.0	ug/L		01/29/13 17:37	1
Methylene Chloride	ND	5.0	-ug/L		01/29/13 17:37	1
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L		01/29/13 17:37	1
Naphthalene	ND	1.0	ug/L		01/29/13 17:37	1
N-Propylbenzene	ND	1.0	· ug/L		01/29/13 17:37	1
Styrene	ND	0.50	ug/L		01/29/13 17:37	1

TestAmerica Pleasanton

Page 18 of 36

2/22/2013

QC Sample Results

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-2

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

мв мв

%Recovery Qualifier

92

107

97

Lab Sample ID: MB 720-129624/5

Matrix: Water

Analysis Batch: 129624

Client Sample ID: Method Blank

Prep Type: Total/NA

Result Qualifier	RL		_			
	RL.	MDL Unit	D	Prepared	Analyzed	Dil Fac
ND	0.50	ug/L			01/29/13 17:37	1
ND	0.50	u g /L		•	01/29/13 17:37	1
ND	0.50	ug/L			01/29/13 17:37	1
ND	0.50	ug/L			01/29/13 17:37	1
ND	1.0	ug/L			01/29/13 17:37	1
ND	1.0	ug/L			01/29/13 17:37	1
ND	0.50	ug/L			01/29/13 17:37	. 1
ND	0.50	ug/L			01/29/13 17:37	1
ND.	0.50	ug/L			01/29/13 17:37	1
ND	1.0	ug/L			01/29/13 17:37	1
ND	0.50	ug/L			01/29/13 17:37	1
ND	0.50	ug/L			01/29/13 17:37	1
ND	0.50	ug/L			01/29/13 17:37	1
ND	0.50	ug/L			01/29/13 17:37	1
ND .	10	ug/L			01/29/13 17:37	1
. ND	0.50	ug/L			01/29/13 17:37	1
ND	1.0	ug/L			01/29/13 17:37	1
ND	0.50	ug/L			01/29/13 17:37	1
	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND 0.50 ND 0.50 ND 0.50 ND 1.0 ND 0.50 ND 0.50 ND 1.0 ND 0.50 ND 10 ND 0.50 ND 0.50 ND 0.50 ND 0.50 ND 0.50 ND 0.50 ND 1.0	ND 0.50 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 1.0 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 1.0 ug/L ND 0.50 ug/L	ND 0.50 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 1.0 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 1.0 ug/L ND 0.50 ug/L ND <	ND 0.50 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 1.0 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 0.50 ug/L ND 1.0 ug/L ND 0.50 ug/L ND <	ND 0.50 ug/L 01/29/13 17:37 ND 0.50 ug/L 01/29/13 17:37 ND 0.50 ug/L 01/29/13 17:37 ND 1.0 ug/L 01/29/13 17:37 ND 1.0 ug/L 01/29/13 17:37 ND 0.50 ug/L 01/29/13 17:37

Limits

67 - 130

75 - 138

70 - 130

Lab Sample ID: LCS 720-129624/6

Matrix: Water

Toluene-d8 (Surr)

4-Bromofluorobenzene

1,2-Dichloroethane-d4 (Surr)

Surrogate

Analysis Batch: 129624

Client Sample I	D: Lab Control Sample
	Pren Type: Total/NA

Analyzed

01/29/13 17:37

01/29/13 17:37

01/29/13 17:37

Prepared

Dil Fac

Analysis Batch: 129624				•		
	Spike	LCS LCS			%Rec.	
Analyte	Added	Result Qua	lifier Unit	D %Rec	Limits	
Methyl tert-butyl ether	25.0	26.6	ug/L	107	62 - 130	THE AT A STREET
Acetone	125	128	ug/L	103	26 - 180	
Benzene	25.0	25.4	ug/L ·	102	79 - 130	
Dichlorobromomethane	25.0	28.3	ug/L	113	70 - 130	
Bromobenzene	25.0	26.1	ug/L	105	70 - 130	
Chlorobromomethane	25.0	25.8	ug/L	103	70 - 130	
Bromoform	25.0	28.0	ug/L	112	68 - 136	
Bromomethane	25.0	18.5	ug/L	74	43 - 151	
2-Butanone (MEK)	125	130	ug/L	104	54 - 130	
n-Butylbenzene	25.0	27.3	ug/L	109	70 - 142	
sec-Butylbenzene	25.0	26.9	ug/L	107	70 - 134	
tert-Butylbenzene	25.0	26.9	ug/L	108	70 - 135	
Carbon disulfide	25.0	20.7	ug/L	83	58 - 130	
Carbon tetrachloride	25.0	26.1	ug/L	104	70 - 146	
Chlorobenzene	25.0	26.6	ug/L	106	70 - 130	
Chloroethane	25.0	20.8	ug/L	83	62 - 138	
Chloroform	25.0	26.6	ug/L	. 107	70 _ 130	
Chloromethane	25:0	21.6	ug/L	86	52 - 175	
2-Chlorotoluene	25.0	28.0	ug/L	112	70 - 130	

Prep Type: Total/NA

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

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

Lab Sample ID: LCS 720-129624/6 Client Sample ID: Lab Control Sample

Matrix: Water

m-Xylene & p-Xylene

o-Xylene

Analysis Batch: 129624

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	Ď	%Rec	Limits	
4-Chlorotoluene	25.0	27.6	-	ug/L		110	70 - 130	
Chlorodibromomethane	25.0	27.2		ug/L		109	70 - 145	
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	70 - 130	
1,3-Dichlorobenzene	25.0	26.4		ug/L		106	70 - 130	
1,4-Dichlorobenzene	25.0	26.5		ug/L		106	70 - 130	
1,3-Dichloropropane	25.0	27.1		ug/L		108	70 - 130	
1,1-Dichloropropene	25.0	28.2		ug/L		113	70 - 130	
1,2-Dibromo-3-Chloropropane	25.0	27.6		ug/L		110	70 - 136	
Ethylene Dibromide	25.0	27.6		ug/L		110	70 _ 130	
Dibromomethane	25.0	26.8		ug/L		107	70 _ 130	
Dichlorodifluoromethane	25.0	15.6		ug/L		62	34 _ 132	
1,1-Dichloroethane	25.0	26.2		ug/L		105	70 _ 130	
1,2-Dichloroethane	25.0	27.2		ug/L		109	61 - 132	
1,1-Dichloroethene	25.0	24.6		ug/L		98	64 _ 128	
cis-1,2-Dichloroethene	25.0	27.8		ug/L		111	70 - 130	
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	68 ₋ 130	
1,2-Dichloropropane	25.0	26.6		ug/L		107	70 - 130	
cis-1,3-Dichloropropene	25.0	30.4		ug/L		121	70 - 130	
trans-1,3-Dichloropropene	25.0	29.7		ug/L		119	70 - 140	
Ethylbenzene	25.0	26.1		ug/L .		104	80 - 120	
- Hexachlorobutadiene	25.0	23.0		ug/L		92	70 - 130	
2-Hexanone	125	132		ug/L		106	60 - 164	
Isopropylbenzene	25.0	27.1		ug/L		108	70 - 130	
4-Isopropyltoluene	25.0	26.3		ug/L		105	70 - 130	
Methylene Chloride	25.0	24.6		ug/L		98	70 - 147	
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		109	58 _ 130	
Naphthalene	25.0	25.9		ug/L		104	70 _ 130	
N-Propylbenzene	25.0	28.4		ug/L		114	70 - 130	
Styrene	25.0	27.4	•	ug/L		110	70 _ 130	
1,1,1,2-Tetrachloroethane	25.0	27.5		ug/L		110	70 _ 130	
1,1,2,2-Tetrachloroethane	25.0	28.5		ug/L		114	70 _ 130	
Tetrachloroethene	25.0	24.7		ug/L		99	70 - 130	
Toluene	25.0	25.1		ug/L		100	78 - 120	
1,2,3-Trichlorobenzene	25.0	28.7		ug/L		115	70 ₋ 130	
1,2,4-Trichlorobenzene	25.0	24.7		ug/L		99	70 - 130	
1,1,1-Trichloroethane	25.0	25.6		ug/L		102	70 - 130	
1,1,2-Trichloroethane	25.0	27.4		ug/L		109	70 - 130	
Trichloroethene	25.0	25.4		ug/L		102	70 - 130	
Trichlorofluoromethane	25.0	24.3		ug/L		97	66 - 132	
1,2,3-Trichloropropane	25.0	28.3		ug/L		113	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	23.4		ug/L		94	42 - 162	
ne								
1,2,4-Trimethylbenzene	25.0	27.2		ug/L		109	70 - 132	
1,3,5-Trimethylbenzene	25.0	27.2		ug/L		109	70 - 130	
Vinyl acetate	25.0	29.5		ug/L		118	43 - 163	
Vinyl chloride	25.0	20.6	•	ug/L		82	54 _ 135	9
· · · · · · · · · · · · · · · · · · ·								

TestAmerica Pleasanton

51.9

27.4

ug/L

ug/L

104

110

70 - 142

70 - 130

50.0

25.0

QC Sample Results

LCS LCS

LCS LCS

502

Result Qualifier

30.7

Result Qualifier

Unit

ug/L

Unit

ug/L

Spike

Added

75 - 138

70 - 130

Spike

Added

500

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-2

Client Sample ID: Lab Control Sample

%Rec.

Limits

70 - 140

Client Sample ID: Lab Control Sample

%Rec.

Limits

62 - 120

%Rec

%Rec

100

123

D

Prep Type: Total/NA

Prep Type: Total/NA

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

Lab Sample ID: LCS 720-129624/6

Matrix: Water

Analysis Batch: 129624

2,2-Dichloropropane			25.0	
•	LCS	LCS		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene	. 103		67 - 130	

105

99

Lab Sample ID: LCS 720-129624/8

Matrix: Water

Analyte

Analysis Batch: 129624

1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr)

Analyte

Gasoline Range Organics (GRO) -C5-C12

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	100	Anna Carlotte Company	67 - 130
1,2-Dichloroethane-d4 (Surr)	107		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 720-129624/7

Matrix: Water Analysis Batch: 120624 Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

	Analysis Batch: 129624								
-		Spike	LCSD	LCSD			%Rec.		RPD
	Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	RPD	Limit
	Methyl tert-butyl ether	25.0	26.1	ug/L		104	62 _ 130	2	20
	Acetone	125	123	ug/L		98	26 - 180	4	30
	Benzene	25.0	25.0	ug/L		100	79 - 130	2	20
	Dichlorobromomethane	25.0	27.6	ug/L		110	70 - 130	3	20
	Bromobenzene	25.0	25.6	ug/L		103	70 - 130	2	20
	Chlorobromomethane	25.0	25.4	ug/L		102	70 _ 130	2	20
	Bromoform	25.0	27.1	ug/L		108	68 - 136	3	20
-	Bromomethane	25.0	18.2	ug/L		.73	43 _ 151	1	20
	2-Butanone (MEK)	125	126	ug/L		101	54 - 130	3	20
	n-Butylbenzene	25.0	27.5	ug/L		110	70 - 142	1	20
	sec-Butylbenzene	25.0	26.9	ug/L		108	70 - 134	0	20
	tert-Butylbenzene	25.0	27.1	ug/L		108	70 - 135	0	20
	Carbon disulfide	25.0	20.4	ug/L		81	58 - 130	2	20
	Carbon tetrachloride	25.0	24.9	ug/L		100	70 - 146	5	20
-	Chlorobenzene	25.0	26.3	ug/L		105	70 - 130	1	20
	Chloroethane	25.0	19.8	ug/L		79	62 - 138	. 5	20
	Chloroform	25.0	26.0	ug/L		104	70 - 130	3	20
-	Chloromethane	25.0	21.8	ug/L		87	52 - 175	1	20
	2-Chlorotoluene	25.0	27.9	ug/L		111	70 - 130	0	20
	4-Chlorotoluene	25.0	27.4	ug/L		110	70 - 130	1	20
	Chlorodibromomethane	25.0	26.5	ug/L		106	70 - 145	3	20
	1,2-Dichlorobenzene	25.0	25.5	ug/L		102	70 - 130	2	20
	1,3-Dichlorobenzene	25.0	26.2	ug/L		105	70 - 130	1	20

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

Lab Sample ID: LCSD 720-129624/7

Matrix: Water

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Batch: 129624	• •		1.005				0/5		
Analyte	Spike Added		LCSD Qualifier	Unit	D	% Boo	%Rec.	BBB	RPD
1,4-Dichlorobenzene	25.0	26.0	Quanner	# ****		%Rec 104	70 ₋ 130	RPD 2	Limit
1,3-Dichloropropane	25.0	26.5		ug/L					20
				ug/L		106	70 _ 130	2	20
1,1-Dichloropropene	25.0	27.8		ug/L		111	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	26.3		ug/L 		105	70 - 136	5	20
Ethylene Dibromide	25.0	26.9		ug/L		108	70 _ 130	3	20
Dibromomethane	25.0	25.9		ug/L		104	70 _ 130	3	20
Dichlorodifluoromethane	25.0	15.2		ug/L		61	34 - 132	3	20
1,1-Dichloroethane	25.0	25.9		ug/L		104	70 - 130	1	. 20
1,2-Dichloroethane	25.0	26.6		ug/L		106	61 - 132	2	20
1,1-Dichloroethene	25.0	24.6		ug/L		98	64 - 128	. 0	20
cis-1,2-Dichloroethene	25.0	27.3		ug/L		109	70 _ 130	2	20
trans-1,2-Dichloroethene	25.0	24.1		ug/L		96	68 - 130	2	20
1,2-Dichloropropane	25.0	26.1		ug/L		105	70 - 130	2	20
cis-1,3-Dichloropropene	25.0	30.0		ug/L		120	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	29.1		ug/L		116	70 - 140	2	20
Ethylbenzene	25.0	25.9		ug/L		104	80 - 120	0	20
Hexachlorobutadiene	25.0	23.3		ug/L		93	70 - 130	1	20
2-Hexanone	125	125		ug/L		100	60 - 164	6	20
Isopropylbenzene	25.0	27.0		ug/L		108	70 - 130	0	20
4-Isopropyltoluene	25.0	26.3		ug/L		105	70 - 130	0	20
Methylene Chloride	25.0	24.1		ug/L		96	70 - 147	2	20
4-Methyl-2-pentanone (MIBK)	125	· 130		ug/L		104	58 - 130	5	20
Naphthalene	25.0	25.8		ug/L		103	70 _ 130	0	20
N-Propylbenzene	25.0	28.4		ug/L		114	70 _ 130	. 0	20
Styrene	25.0	.27.2		ug/L		109	70 _ 130	1	20
1,1,1,2-Tetrachloroethane	25.0	27.2		ug/L		109	70 _ 130	1	20
1,1,2,2-Tetrachloroethane	25.0	27.2		ug/L		109	70 _ 130	5	20
Tetrachloroethene	25.0	24.5		ug/L		98	70 - 130	1	20
Toluene	25.0	24.9		ug/L		100	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	28.7		ug/L		115	70 _ 130	0	20
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		98 .	70 - 130	1	20
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	70 ₋ 130	6	20
1,1,2-Trichloroethane	25.0	26.4		ug/L		106	70 - 130	3	20
Trichloroethene	25.0	25.5		ug/L		102	70 - 130	. 0	20
Trichlorofluoromethane	25.0	24.1	•	ug/L		96	66 - 132	1	20
1,2,3-Trichloropropane	25.0	27.4		ug/L		110	70 - 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	23.0		ug/L		92	42 - 162	2	20
ne		20.0		ug/ L		Ÿ.Z.	72 - 102	_	. 20
1,2,4-Trimethylbenzene	25.0	27.1		ug/L		108	70 _ 132	0	20
1,3,5-Trimethylbenzene	25.0	27.2		ug/L		109	70 - 130	. 0	20
Vinyl acetate	25.0	26.9		ug/L		108	43 - 163	9	20
Vinyl chloride	25.0	20.1		ug/L		80	54 - 135	3	20
m-Xylene & p-Xylene	50.0	51.3		ug/L		103	70 - 142	1	20
o-Xylene	25.0	27.1		ug/L		108	70 - 130	1	20
2,2-Dichloropropane	25.0	29.5		ug/L		118	70 - 130	4	. 20

TestAmerica Pleasanton

Limits

67 - 130

LCSD LCSD

%Recovery Qualifier

103

Surrogate

4-Bromofluorobenzene

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

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

Lab Sample ID: LCSD 720-129624/7

Matrix: Water

Surrogate

Analysis Batch: 129624

1.2-Dichloroethane-d4 (Surr)

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

 LCSD LCSD

 %Recovery
 Qualifier
 Limits

 103
 75 - 138

100

Lab Sample ID: LCSD 720-129624/9

Matrix: Water

Toluene-d8 (Surr)

Analysis Batch: 129624

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Spike LCSD LCSD %Rec. RPD Added Result Qualifier Limits RPD Limit Unit %Rec Analyte 500 512 ug/L 102 62 - 120 2 20 Gasoline Range Organics (GRO) -C5-C12

70 - 130

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene
 100
 67 - 130

 1,2-Dichloroethane-d4 (Surr)
 106
 75 - 138

 Toluene-d8 (Surr)
 101
 70 - 130

Lab Sample ID: MB 720-129639/4

Matrix: Water

Analysis Batch: 129639

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Batch: 129639								
	, MB		•					
Analyte		Qualifier RI		Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND	0.50		ug/L		•	01/29/13 19:09	1
Acetone	ND	50)	ug/L			01/29/13 19:09	1
Benzene	.ND	0.50	,	ug/L			01/29/13 19:09	1
Dichlorobromomethane	ND	0.50)	ug/L			01/29/13 19:09	1
Bromobenzene	ND	1.0)	ug/L			01/29/13 19:09	1
Chlorobromomethane	ND	1.0	ס	ug/L			01/29/13 19:09	1
Bromoform	ND	1.0)	ug/L			01/29/13 19:09	1
Bromomethane	ND	1.0)	ug/L			01/29/13 19:09	1
2-Butanone (MEK)	ND	50)	ug/Ļ			01/29/13 19:09	1
n-Butylbenzene	ND	1.0)	ug/L			01/29/13 19:09	1
sec-Butylbenzene	ND	1.0)	ug/L			01/29/13 19:09	1
tert-Butylbenzene	ND	1.0)	ug/L			01/29/13 19:09	1
Carbon disulfide	ND	5.0)	ug/L			01/29/13 19:09	1
Carbon tetrachloride	ND	0.50)	ug/L			01/29/13 19:09	1
Chlorobenzene	ND	0.50)	ug/L			01/29/13 19:09	1
Chloroethane	ND	1.0)	ug/L			01/29/13 19:09	1
Chloroform	. ND	1.0)	ug/L			01/29/13 19:09	1
Chloromethane	ND	1.0)	ug/L			01/29/13 19:09	1
2-Chlorotoluene	ND	0.50)	ug/L			01/29/13 19:09	1
4-Chlorotoluene	ND	0.50)	ug/L			01/29/13 19:09	1
Chlorodibromomethane	ND	0.50)	ug/L			01/29/13 19:09	1
1,2-Dichlorobenzene	ND	0.50)	ug/L			01/29/13 19:09	1
1,3-Dichlorobenzene	ND	0.50)	ug/L			01/29/13 19:09	1
1,4-Dichlorobenzene	ND	0.50)	ug/L			01/29/13 19:09	1
1,3-Dichloropropane	ND	1.0)	ug/L			01/29/13 19:09	1
1,1-Dichloropropene	ND	0.50)	ug/L			01/29/13 19:09	1
1,2-Dibromo-3-Chloropropane	ND	1.0		ug/L			01/29/13 19:09	1

TestAmerica Pleasanton

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

MB MB

Lab Sample ID: MB 720-129639/4

Matrix: Water

Surrogate

4-Bromofluorobenzene

Toluene-d8 (Surr)

1,2-Dichloroethane-d4 (Surr)

Analysis Batch: 129639

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.50		ug/L			01/29/13 19:09	1
Dibromomethane	ND		0.50		ug/L			01/29/13 19:09	1
Dichlorodifluoromethane	ND	•	0.50		ug/L			01/29/13 19:09	1
1,1-Dichloroethane	ND		0.50		ug/L			01/29/13 19:09	1
1,2-Dichloroethane	ND		0.50		ug/L			01/29/13 19:09	1
1,1-Dichloroethene	ND		0.50		ug/L			01/29/13 19:09	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			01/29/13 19:09	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			01/29/13 19:09	1
1,2-Dichloropropane	ND		0.50		ug/L			01/29/13 19:09	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			01/29/13 19:09	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			01/29/13 19:09	1
Ethylbenzene	ND		0.50		ug/L			01/29/13 19:09	1
Hexachlorobutadiene	ND		1.0		ug/L			01/29/13 19:09	1
2-Hexanone	ND		50		ug/L			01/29/13 19:09	1
Isopropylbenzene	ND		0.50		ug/L			01/29/13 19:09	1
4-Isopropyltoluene	ND	*	1.0		ug/L			01/29/13 19:09	1
Methylene Chloride	ND		5.0		ug/L			01/29/13 19:09	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			01/29/13 19:09	1.
Naphthalene	. ND		1.0		ug/L	•		01/29/13 19:09	. 1
N-Propylbenzene	ND		1.0		ug/L			01/29/13 19:09	1
Styrene	ND		0.50		ug/L			01/29/13 19:09	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			01/29/13 19:09	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			01/29/13 19:09	1
Tetrachloroethene	NĐ		0.50		ug/L			01/29/13 19:09	1
Toluene	ND		0.50		ug/L			01/29/13 19:09	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			01/29/13 19:09	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/29/13 19:09	1
1,1,1-Trichloroethane	ND		0.50		ug/L			01/29/13 19:09	1
1,1,2-Trichloroethane	ND		0.50		ug/L			01/29/13 19:09	. 1
Trichloroethene	ND		0.50		ug/L			01/29/13 19:09	1
Trichlorofluoromethane	ND		1.0		ug/L			01/29/13 19:09	1
1,2,3-Trichloropropane	ND		0.50		ug/L			01/29/13 19:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			01/29/13 19:09	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			01/29/13 19:09	1
1,3,5-Trimethylbenzene	NĎ		0.50		ug/L			01/29/13 19:09	1
Vinyl acetate	ND		10		ug/L			01/29/13 19:09	1
Vinyl chloride	ND		0.50		ug/L	× .		01/29/13 19:09	1
Xylenes, Total	ND		1.0		ug/L			01/29/13 19:09	1
2,2-Dichloropropane	ND		0.50		ug/L			01/29/13 19:09	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L	4		01/29/13 19:09	1

TestAmerica Pleasanton

Analyzed

01/29/13 19:09

01/29/13 19:09

01/29/13 19:09

Prepared

Limits

67 - 130

75 - 138

70 - 130

MB MB %Recovery Qualifier

92

98

98

Dil Fac

TestAmerica Job ID: 720-47453-2

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

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

Lab Sample ID: LCS 720-129639/5

Matrix: Water

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

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Methyl tert-butyl ether	25.0	27.8		ug/L		111	62 _ 130	
Acetone	125	117		ug/L		93	26 - 180	
Benzene	25.0	25.2		ug/L		101	79 - 130	
Dichlorobromomethane	25.0	27.7		ug/L		111	70 - 130	
Bromobenzene	25.0	24.6		ug/L		98	70 - 130	
Chlorobromomethane	25.0	27.1		ug/L		108	70 - 130	
Bromoform	25.0	29.1		ug/L		116	68 - 136	
Bromomethane	25.0	22.4		ug/L		. 90	43 - 151	
2-Butanone (MEK)	125	127		ug/L		102	54 - 130	
n-Butylbenzene	25.0	27.1		ug/L		109	70 - 142	
sec-Butylbenzene	. 25.0	26.0		ug/L		104	70 _ 134	
tert-Butylbenzene	25.0	25.2		ug/L		101	70 ₋ 135	
Carbon disulfide	25.0	19.8		ug/L		79	58 130	
Carbon tetrachloride	25.0	21.0		ug/L		84	70 - 146	
Chlorobenzene	25.0	26.9		ug/L		108	70 - 130	
Chloroethane	25.0	21.4		ug/L		86	62 - 138	
Chloroform	25.0	25.5		ug/L		102	70 - 130	
Chloromethane	25.0	19.4		ug/L		78	52 - 175	
2-Chlorotoluene	25.0	25.4		ug/L		102	70 - 130	
4-Chlorotoluene	25.0	25.4		ug/L		101	70 - 130 70 - 130	
Chlorodibromomethane	25.0	23.4		ug/L		94	70 - 130	
1.2-Dichlorobenzene				ug/L ug/L		106`	70 - 143 70 - 130	
•	25.0 25.0	26.5 26.5		_		106	70 - 130	
1,3-Dichlorobenzene				ug/L				
1,4-Dichlorobenzene	25.0	26.8		ug/L		107	70 - 130	
I,3-Dichloropropane	25.0	29.1		ug/L		117	70 _ 130	*
1,1-Dichloropropene	25.0	25.3		ug/L		101	70 ₋ 130	
1,2-Dibromo-3-Chloropropane	25.0	27.5		ug/L		110	70 - 136	
Ethylene Dibromide	25.0	24.7		ug/L		99	70 - 130	
Dibromomethane	25.0	27.1		ug/L		109	70 - 130	
Dichlorodifluoromethane	25.0	18.4		ug/L		74	34 - 132	
1,1-Dichloroethane	25.0	24.5		ug/L		98	70 _ 130	
1,2-Dichloroethane	25.0	24.7		ug/L		99	61 - 132	
1,1-Dichloroethene	25.0	22.7		ug/L		91	64 - 128	
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	70 - 130	
trans-1,2-Dichloroethene	25.0	23.9		ug/L		96	68 - 130	
1,2-Dichloropropane	25.0	27.0		ug/L		108	70 - 130	
cis-1,3-Dichloropropene	25.0	30.3		ug/L		121	70 - 130	
rans-1,3-Dichloropropene	25.0	24.5		ug/L		98	70 - 140	
Ethylbenzene	25.0	26.4		ug/L		106	80 - 120	•
Hexachlorobutadiene	25.0	26.4		ug/L		105	70 - 130	
2-Hexanone	125	119		ug/L		95	60 - 164	
Isopropylbenzene	25.0	27.8		ug/L		111	70 - 130	,
1-isopropyltoluene	25.0	26.1		ug/L		104	70 - 130	
Methylene Chloride	25.0	23.2		ug/L		93	70 - 147	
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		97	58 - 130	
Naphthalene	25.0	29.0		· ug/L		116	70 - 130	
N-Propylbenzene	25.0	25.9		ug/L		103	70 - 130	
Styrene	25.0	28.2		ug/L		113	70 - 130	

TestAmerica Pleasanton

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

Lab Sample ID: LCS 720-129639/5

Matrix: Water

Analysis Batch: 129639

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

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,1,1,2-Tetrachloroethane	25.0	24.5		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	25.0	27.4		ug/L		110	70 _ 130
Tetrachloroethene	25.0	25.6		ug/L		. 102	70 - 130
Toluene	25.0	25.5		ug/L		102	78 - 120
1,2,3-Trichlorobenzene	25.0	30.2		ug/L		121	70 - 130
1,2,4-Trichlorobenzene	25.0	29.0		ug/L		116	70 - 130
1,1,1-Trichloroethane	25.0	24.3		ug/L		97	70 - 130
1,1,2-Trichloroethane	25.0	28.4		ug/L		113	70 - 130
Trichloroethene	25.0	24.9		ug/L		100	70 - 130
Trichlorofluoromethane	25.0	23.0		ug/L		92	66 _ 132
1,2,3-Trichloropropane	25.0	24.8		ug/L		99	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	22.2		ug/L		89	42 - 162
ne							
1,2,4-Trimethylbenzene	25.0	25.8		ug/L		103	70 _ 132
1,3,5-Trimethylbenzene	25.0	25.7		ug/L	•	103	70 _ 130
Vinyl acetate	25.0	26.1		ug/L		104	43 - 163
Vinyl chloride	25.0	21.3		ug/L		85	54 - 135
m-Xylene & p-Xylene	50.0	55.1		ug/L		110	70 - 142
o-Xylene	25.0	28.9		ug/L		116	70 - 130
2,2-Dichloropropane	25.0	31.3		ug/L		125	70 - 140

LCS LCS

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

Lab Sample ID: LCS 720-129639/7

Matrix: Water

Analysis Batch: 129639

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)	500	[.] 501		ug/L		100	62 - 120	
00.040								

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	102		67 - 130
1,2-Dichloroethane-d4 (Surr)	97		75 - 138
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 720-129639/6

Matrix: Water

Analysis Batch: 129639

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

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Methyl tert-butyl ether	25.0	27.1		ug/L		109	62 - 130	3	20
Acetone	125	108		ug/L		87	26 - 180	7	30
Benzene	25.0	25.2		ug/L		101	79 - 130	0	20
Dichlorobromomethane	25.0	27.3		ug/L		109	70 - 130	1	20

TestAmerica Pleasanton

Page 26 of 36

2/22/2013

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

TestAmerica Job ID: 720-47453-2

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

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

Lab Sample ID: LCSD 720-129639/6

Matrix: Water

Analysis Batch: 129639

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

Analysis Batch: 129639	Cuito	LCCD	LCSD		%Rec.		RPD
A1.4-	Spike Added		Qualifier Unit	D %Rec	Limits	RPD	Limit
Analyte Bromobenzene	25.0	24.7	ug/L	99	70 - 130	1	20
Chlorobromomethane	25.0	26.4	ug/L	106	70 - 130	. 3	20
Bromoform	25.0	28.2	ug/L	113	68 - 136	3	20
	25.0	22.2	ug/L	89	43 - 151	1	20
Bromomethane	125	-117	ug/L	94	54 ₋ 130	8	20
2-Butanone (MEK)	25.0	27.3	ug/L	109	70 - 142	1	20
n-Butylbenzene	25.0	26.4	ug/L	105	70 - 134	2	20
sec-Butylbenzene tert-Butylbenzene	25.0	25.6	ug/L	102	70 - 135	2	20
Carbon disulfide	25.0	20.0	ug/L	80	58 ₋ 130	1	20
Carbon tetrachloride	25.0	21.6	ug/L	86	70 - 146	2	20
	25.0	26.8	ug/L	107	70 - 130	0	20
Chlorobenzene Chloroethane	25.0	20.0	ug/L	88	62 - 138	3	20
Chloroform	25.0	25.5	ug/L	102	70 - 130	0	2Ó
Chloromethane	25.0	19.9	ug/L	80	52 - 175	3	20
2-Chlorotoluene	25.0	25.6	ug/L	102	70 - 130	1	20
4-Chlorotoluene	25.0	25.6	ug/L	102	70 - 130	1	20
Chlorodibromomethane	25.0	22.7	ug/L	91	70 - 145	3	20
1,2-Dichlorobenzene	25.0	26.4	ug/L	105	70 - 130	1	20
1,3-Dichlorobenzene	25.0	26.3	ug/L	105	70 - 130	0	20
1,4-Dichlorobenzene	25.0	26.8	ug/L	107	70 - 130	0	20
1,3-Dichloropropane	25.0	28.0	ug/L	112	70 - 130	4	20
1,1-Dichloropropene	25.0	25.5	ug/L	102	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	26.6	ug/L	107	70 - 136	3	20
Ethylene Dibromide	25.0	23.7	ug/L	95	70 - 130	4	20
Dibromomethane	25.0	26.3	ug/L	105	70 - 130	3	20
Dichlorodifluoromethane	25.0	17.9	ug/L	72	34 - 132	3	20
1,1-Dichloroethane	25.0	24.5	. ug/L	98	70 - 130	Ó	20
1,2-Dichloroethane	25.0	24.2	ug/L	97	61 - 132	2	20
1,1-Dichloroethene	25.0	23.0	ug/L	92	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	25.5	ug/L	102	70 _ 130	0	20
trans-1,2-Dichloroethene	25.0	24.2	ug/L	97	. 68 - 130	1	20
1,2-Dichloropropane	25.0	26.6	ug/L	107	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	29.9	ug/L	120	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	23.8	ug/L	95	70 _ 140	3	20
Ethylbenzene	25.0	26.4	ug/L	106	80 - 120	0	20
Hexachlorobutadiene	25.0	27.0	ug/L	108	70 - 130	2	20
2-Hexanone	125	109	ug/L	87	60 - 164	9	20
Isopropylbenzene	25.0	28.0	ug/L	112	70 _ 130	1	20
4-Isopropyltoluene	25.0	26.4	ug/L	106	70 - 130	1	20
Methylene Chloride	25.0	23.2	ug/L	93	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	113	ug/L	90	58 - 130	8	20
Naphthalene	25.0	28.1	ug/L	112	70 - 130	3	20
N-Propylbenzene	25.0	26.3	ug/L	105	70 - 130	2	20
Styrene	25.0	27.8	ug/L	111	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	24.6	ug/L	98	70 - 130	0	20
1,1,2,2-Tetrachloroethane	25.0	26.3	ug/L	105	70 _ 130	4	20
Tetrachloroethene	25.0	25.7	ug/L	103	70 - 130	0	20
Toluene	25.0	25.5	ug/L	102	78 - 120	0	20
i semente		•					

TestAmerica Pleasanton

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

Lab Sample ID: LCSD 720-129639/6

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Matrix: Water Analysis Batch: 129639

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,2,3-Trichlorobenzene	25.0	30.2		ug/L		121	70 - 130	0	20
1,2,4-Trichlorobenzene	25.0	29.0		ug/L		116	70 - 130	0	20
1,1,1-Trichloroethane	25.0	24.7		ug/L		99	70 - 130	2	20
1,1,2-Trichloroethane	25.0	27.5		ug/L		110	70 - 130	3	20
Trichloroethene	25.0	24.8		ug/L		99	70 - 130	0	20
Trichlorofluoromethane	25.0	23.5		ug/L		94	66 - 132	2	20
1,2,3-Trichloropropane	25.0	23.8		ug/L		95	70 - 130	4	20
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	22.9		ug/L		92	42 - 162	3	20
ne									
1,2,4-Trimethylbenzene	25.0	26.1		ug/L		104	70 - 132	1	20
1,3,5-Trimethylbenzene	25.0	26.0		ug/L		104	70 - 130	1	20
Vinyl acetate .	25.0	25.9		ug/L		104	43 - 163	1 ·	20
Vinyl chloride	25.0	21.1		ug/L		85	54 - 135	1	20
m-Xylene & p-Xylene	50.0	54.7		ug/L		109	70 - 142	1	20
o-Xylene	25.0	28.8		ug/L		115	70 - 130	1	20
2,2-Dichloropropane	25.0	32.2		ug/L		129	70 - 140	3	20

Spike

Added

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	104		67 - 130
1,2-Dichloroethane-d4 (Surr)	97		75 _ 138
Toluene-d8 (Surr)	103		70 _ 130

Lab Sample ID: LCSD 720-129639/8

Matrix: Water

-C5-C12

Analysis Batch: 129639

Gasoline Range Organics (GRO)

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

LCSD LCSD %Rec. RPD Result Qualifier Unit %Rec Limit 495 ug/L 62 - 120

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	96		75 - 138
Toluene-d8 (Surr)	104		70 ₋ 130

TestAmerica Pleasanton

QC Association Summary

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-2

GC/MS VOA

Analysis Batch: 129624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47453-11	MW-02	Total/NA	Water	8260B/CA_LUFT	
				MS	
720-47453-12	MP-02-1	Total/NA	Water	8260B/CA_LUFT	
•				MS	
720-47453-13	MP-02-2	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 720-129624/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	•
LCS 720-129624/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCSD 720-129624/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCSD 720-129624/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT	
				MS	
MB 720-129624/5	Method Blank	Total/NA	Water	8260B/CA_LUFT	
				MS	

Analysis Batch: 129639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47453-14	MP-02-3	Total/NA	Water	8260B/CA_LUFT	
				MS	
720-47453-15	MP-01-1	Total/NA	Water	8260B/CA_LUFT	
				MS	
720-47453-16	MP-01-2	Total/NA	Water	8260B/CA_LUFT	
				MS	
720-47453-17	MP-01-3	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 720-129639/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	
				MS	
LCS 720-129639/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT	•
				MS	
LCSD 720-129639/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT	
	•			MS ·	
LCSD 720-129639/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT	
				MS	
MB 720-129639/4	Method Blank	Total/NA	Water	8260B/CA_LUFT	
			•	MS	

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

Lab Sample ID: 720-47453-11

TestAmerica Job ID: 720-47453-2

Matrix: Water

Client Sample ID: MW-02 Date Collected: 01/29/13 08:42 Date Received: 01/29/13 16:44

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	129624	01/30/13 02:53	AC .	TAL SF

Client Sample ID: MP-02-1

Date Collected: 01/29/13 09:42

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-12

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	129624	01/30/13 03:23	AC	TAL SF

Client Sample ID: MP-02-2

Date Collected: 01/29/13 10:22

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-13

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
-	Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
i	Total/NA	Analysis	8260B/CA_LUFTMS		1	129624	01/30/13 03:52	AC	TAL SF

Client Sample ID: MP-02-3

Date Collected: 01/29/13 11:45

Date Received: 01/29/13 16:44

Lab	Sample	ID:	720-47453-14
-----	--------	-----	--------------

Matrix: Water

	Batch	Batch		Dilution	Batch ⁻	Prepared		
Ргер Туре	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	129639	01/30/13 04:07	AC	TAL SF

Client Sample ID: MP-01-1

Date Collected: 01/29/13 13:20

Date Received: 01/29/13 16:44

Lab Sample ID: 720-47453-15

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
 Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
 Total/NA	Analysis	8260B/CA_LUFTMS		1	129639	01/30/13 04:35	AC	TAL SF

Client Sample ID: MP-01-2

Date Collected: 01/29/13 14:10

Date Received: 01/29/13 16:44

Lab Samp	е	ID:	720-4	7	453-	16	
----------	---	-----	-------	---	------	----	--

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	129639	01/30/13 05:03	AC	TAL SF

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-2

Client Sample ID: MP-01-3

Lab Sample ID: 720-47453-17

Date Collected: 01/29/13 15:09 Date Received: 01/29/13 16:44

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	129639	01/30/13 05:31	AC	TAL SF

Laboratory References:

TAL SF = 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: 720-47453-2

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

10

Method Summary

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-2

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTM	8260B / CA LUFT MS	SW846	TAL SF
\$			

Protocol References:

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

Laboratory References:

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

TestAmerica Pleasanton

Page 33 of 36

2/22/2013

Sample Summary

Client: AMEC Environment & Infrastructure, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-47453-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-47453-11	MW-02	Water	01/29/13 08:42	01/29/13 16:44
720-47453-12	MP-02-1	Water	01/29/13 09:42	01/29/13 16:44
720-47453-13	MP-02-2	Water	01/29/13 10:22	01/29/13 16:44
720-47453-14	MP-02-3	Water	01/29/13 11:45	01/29/13 16:44
720-47453-15	MP-01-1	Water	01/29/13 13:20	01/29/13 16:44
720-47453-16	MP-01-2	Water	01/29/13 14:10	01/29/13 16:44
720-47453-17	MP-01-3	Water		01/29/13 16:44

12

														# pa					100 E						& 1·A	,	
RELINGUISHED BY: RELINGUISHED BX: RELINGUISHED BX: RELINGUISHED BX: RERINGUISHED	CHA	IN-OI	-custo	ODY REC	CORD							0	•	4	7		5	2	~ Z	1437	45	٠				1	7431
THE NAME OF THE PROPERTY OF TH				Crou	UN C	nev	rolut					DATE:	1/2	4	13	PA	AGE	2									
TUDINGUISTIME OF CALLS PLOCATION OF CALLS PLOCATION OF PROBLEM LAND PROBLEM OF PROBLEM LAND SAMPLERS (SIGNATURE): DATE TIME NUMBER SAMPLE NUMBER STYPE AND SIZE 30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PROJEG	THYLMBE	100001	\sqrt{N}	1 4		LABORATORY NAME: CLIENT INFORMATION:					REPORTING	REQUIRE	MENTS	S:												
SAMPLERS (SIGNATURE): DATE TIME SAMPLE NUMBER STOP ADDITION COMMENTS: DATE TIME NUMBER STOP ADDITION COMMENTS: DATE TIME NUMBER STOP ADDITION COMMENTS: DATE TIME NUMBER STOP ADDITION COMMENTS: DATE TIME NUMBER STOP ADDITION COMMENTS: DATE TIME NUMBER STOP ADDITION COMMENTS: DATE TIME NUMBER STOP ADDITION COMMENTS: DATE TIME NOTAL NUMBER OF CONTAINERS: SIGNATURE: PRINTED NAME: PRINTE	RESULTS	S TO: A	rem. F	Pattone	ame	C. (2)	LABORATORYADDRESS:												, , , , , , , , , , , , , , , , , , , ,								
SAMPLERS (SIGNATURE): DATE TIME NUMBER DATE TIME NUMBER NUM	TURNAR	ROUND TI	ME: Zd	aus			Ploresantan CR														· · · · · · · · · · · · · · · · · · ·						
SAMPLERS (SIGNATURE): DATE TIME SAMPLE NUMBER STORM NUMB	SAMPLE	SHIPME	NT METHOD:	10			LABOR	ATORY O	CONTAY	OT:	-t									GEOTRACKE	R REQUI	RED	,			YES) NO
SAMPLERS (SIGNATURE): DATE TIME SAMPLING COMMENTS: RELINQUISHED BY: DATE TIME RECEIVED BY: SIGNATURE SIGNATURE SAMPLING COMMENTS: PRINTED NAME: SIGNATURE SAMPLING COMMENTS: PRINTED NAME: SIGNATURE SAMPLING COMMENTS: PRINTED NAME: SIGNATURE SAMPLING COMMENTS: SAMPLING COMMENTS: SAMPLERS (SIGNATURE) ADDITION OF SAMPLING COMMENTS: SAMPLING COMMENTS:		rup	e (U	NG			LABOR	ATORY	PHONE	NUMBER	219										o. T	10	000	m	16/16		
DATE TIME NUMBER SAMPLE NUMBER SECULD BY: RELINGUISHED BY: DATE TIME RECEIVED BY: SIGNATURE SIG	SAN	SAMPLERS (SIGNATURE):							AN	ALY	SES	S									•	T	T				
1/2q 3 COMAN MW-C2			Speli	M	<u> </u>			henre erre ek en ek erkenttektebilisk skilektera, sen en den en e											CONT	AINER	S), Water (W), r (V), or Other (O)	pə	ervative Type	pe	USD	of Containers	ADDITIONAL
1/29 13 CE1 2 MW-02	DAT	TE	TIME	NU	JMBER		Q.														Soll (Filter	Prese	Cook	MS/IV	No. o	COMMENTS
1021 PPO2 - 1 3 1022 PPO2 - 2	1/20	113	0842	MW-	-02_				1		T			1		\top	\top	T	Lin m	LUDAS						2	
RELINQUISHED BY: DATE TIME RECEIVED BY: SIGNATURE: PRINTED TRAVE: PRINTED TR		44-	0942				X												10 "	1	i	i	1	1	1	3	
RELINQUISHED BY: SIGNATURE: PRINTEDTAME: RINTEDTAME PRINTED				Ph2	-2		X													·						2	
RELINQUISHED BY: DATE TIME RECEIVED BY: SIGNATURE: PRINTED TAME:		1145	MP-0	2-3		X																			2		
RELINGUISHED BY: DATE TIME RECEIVED BY: SIGNATURE: PRINTED NAME: PRINTED	1						X																				
RELINQUISHED BY: DATE TIME RECEIVED BY: DATE TIME TOTAL NUMBER OF CONTAINERS: SIGNATURE PRINTED TAME: PRINTED TAM	,		1410				X				/									·							
RELINGUISHED BY: DATE TIME RECEIVED BY: DATE TIME TOTAL NUMBER OF CONTAINERS: SIGNATURE: PRINTED NAME: PRINTED NAME: PRINTED NAME: PRINTED NAME: PRINTED NAME: PRINTED NAME: DATE TIME TOTAL NUMBER OF CONTAINERS: SAMPLING COMMENTS: SAMPLING COMMENTS:		,	1509				X												\	<i>-</i>	1	4	V	V	V	2	
RELINQUISHED BY: DATE TIME RECEIVED BY: DATE TIME TOTAL NUMBER OF CONTAINERS: SIGNATURE: PRINTED TAME: PRINTED NAME: DATE TIME TOTAL NUMBER OF CONTAINERS: SIGNATURE: PRINTED NAME: DATE TIME TOTAL NUMBER OF CONTAINERS: SAMPLING COMMENTS:			<u>`</u>			······································																					
RELINQUISHED BY: DATE TIME RECEIVED BY: DATE TIME TOTAL NUMBER OF CONTAINERS: SIGNATURE: PRINTED NAME: PRINTED NAME: COMPANY: COMPANY: SIGNATURE: PRINTED NAME: SIGNATURE: SAMPLING COMMENTS:												1	3														<u> </u>
RELINQUISHED BY: DATE TIME RECEIVED BY: DATE TIME TOTAL NUMBER OF CONTAINERS: SIGNATURE: PRINTED NAME: PRINTED NAME: COMPANY: COMPANY: SIGNATURE: PRINTED NAME: SIGNATURE: SAMPLING COMMENTS:							·							\perp													
RELINQUISHED BY: DATE TIME RECEIVED BY: DATE TIME TOTAL NUMBER OF CONTAINERS: SIGNATURE: PRINTED NAME: PRINTED NAME: PRINTED NAME: COMPANY: COMPANY: TOTAL NUMBER OF CONTAINERS: SAMPLING COMMENTS: PRINTED NAME: COMPANY: SAMPLING COMMENTS:									<u> </u>					\searrow													
SIGNATURE: PRINTED NAME: COMPANY: SIGNATURE: SIGNATURE: PRINTED NAME: COMPANY: SAMPLING COMMENTS:					}				1						\searrow												
SIGNATURE: PRINTED NAME: PRINTED NAME: COMPANY: SIGNATURE: PRINTED NAME: COMPANY: SIGNATURE: PRINTED NAME: TO COMPANY: SOMPANY:								-		_					1						ļ			_			
SIGNATURE: PRINTED NAME: PRINTED NAME: COMPANY: SIGNATURE: PRINTED NAME: COMPANY: SIGNATURE: PRINTED NAME: TO COMPANY: SOMPANY:		1						-			<u> </u>				_ `	1		-									
SIGNATURE: PRINTED NAME: PRINTED NAME: COMPANY: SIGNATURE: PRINTED NAME: COMPANY: SIGNATURE: PRINTED NAME: TO COMPANY: SOMPANY:															_		Y							<u> </u>			
PRINTED NAME: THE YOUR AND THE PRINTED NAME: COMPANY: COMPANY: TO THE PRINTED NAME:	RELI	INOU TIEN	ISHED E	3Y:	DATE	TIME				3Y:					TIM		-			AINERS:							
COMPANY: W.J. J. I IN IN COMPANY:	PRINT	VET TO AN	Soely	4	13	W.	100	4		·····			1/2	â.	16:10		SAMP	_IIVG	COMMENTS:								
SIGNATURE: SIGNATURE:			<u> 480</u>	tolk_	- Var	" No"	COM	PANIV.	Tarte	-S				13	1.99	9						-					
OCCUPATION.			AMEC		111	100	SIGNI	ATTIBLE					-			_											
PRINTED NAME: PRINTED NAME:			λE·										4			-			·		*****						
COMPANY: COMPANY:	1		******						11414				_			_				·/···							· · · · · · · · · · · · · · · · · · ·
SIGNATURE: SIGNATURE:						ļ	L		:						ļ	_								,			
2101 Webster Street, 12th Floor	l.		ΛE·		_		L			······································			_														
PRINTED NAME: Oakland, California 94612-3066 COMPANY: Tel 510.663.4100 Fax 510.663.4141 COMPANY: Tel 510.663.4100 Fax 510.663.4141 COMPANY:					_		L						-				T			fornia 94612-3066							
1-7°C	301111														<u> </u>			<i>-</i> :				, , , , , , , , , , , , , , , , , , , 	* 1	- 4			

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Samples do not require splitting or compositing.

Residual Chlorine Checked.

Job Number: 720-47453-2

List Source: TestAmerica Pleasanton

Login Number: 47453

List Number: 1

List Number: 1		
Creator: Tacmo, David		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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.	False	•
Is the Field Sampler's name present on COC?	True	•
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	·.
Multiphasic samples are not present.	True	

True

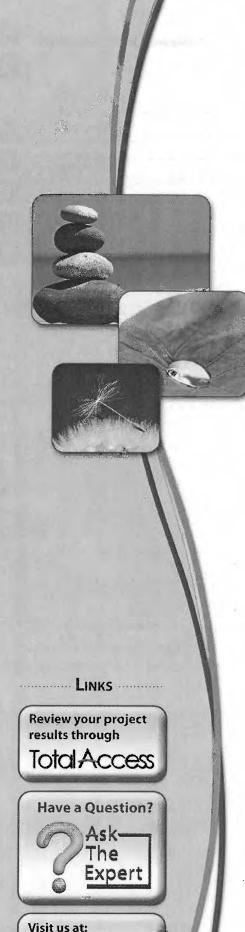
N/A

14

TestAmerica Pleasanton



LABORATORY	PEDORT FOR	SAMDI ES C	OI LECTED B	V FNGFO
LADONAIONI		SAMI LLS	JULLEU ILU U	LINGLO



www.testamericainc.com

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: 720-45615-1 Client Project/Site: Crown Chevrolet

For: Engeo, Inc. 2010 Crow Canyon Place Suite 250 San Ramon, California 94583

Attn: Mr. Jeff Adams

Abanfilet

Authorized for release by: 11/5/2012 2:06:26 PM

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

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

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

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
	6
QC Sample Results	15
QC Association Summary	21
Lab Chronicle	22
Certification Summary	23
Method Summary	24.
Sample Summary	25
Chain of Custody	26
Receipt Checklists	27

Definitions/Glossary

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

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.

Þ

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R CNF Percent Recovery Contains no Free Liquid

DL, RA, RE, IN

Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample

EDL

Estimated Detection Limit

EPA

United States Environmental Protection Agency

MDL

Method Detection Limit

ML. NΠ

Minimum Level (Dioxin) Not detected at the reporting limit (or MDL or EDL if shown)

PQL

Practical Quantitation Limit

QC

Quality Control

Reporting Limit

RL RPD

Relative Percent Difference, a measure of the relative difference between two points

TEF

Toxicity Equivalent Factor (Dioxin)

TEQ

Toxicity Equivalent Quotient (Dioxin)

MDA

Minimum detectable activity Minimum detectable concentration

MDC RER

Relative error ratio

DER

Duplicate error ratio (normalized absolute difference)

DLC

Decision level concentration

RL

Reporting Limit or Requested Limit (Radiochemistry only)

Case Narrative

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

Job ID: 720-45615-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-45615-1

Comments

No additional comments.

Receipt

The samples were received on 10/26/2012 6:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.6° C.

GC/MS VOA

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch #124534 exceeded control limits for the following analytes: VA. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch #124534 recovered above the upper control limit for VA. 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 720-124534/2).

Method(s) 8260B; The Gasoline Range Organics (GRO) concentration reported for the following sample 45615-1,2,3,4 and 5 is due to the presence of discrete peaks. <<PCE>>

No other analytical or quality issues were noted.

TestAmerica Pleasanton 11/5/2012

Client: Engeo, Inc.
Project/Site: Crown Chevrolet

No Detections

Analyte		Qualifier	RL	MDL Ur	nit	Dil Fac D	Method	Prep Type
Tetrachloroethene	100		0.50	ug	/L	1	8260B/CA_LUFT	Total/NA
							MS	
Trichloroethene	0.66		0.50	ug	/L	1	8260B/CA_LUFT	Total/NA
		0					MS	
Gasoline Range Organics (GRO)	110		50	ug	/L	1	8260B/CA_LUFT	Total/NA
-C5-C12							MS	-
Client Sample ID: CG-4						l ah	Sample ID: 7	20 45615
and the same of th						Lub	campic ib. 7	20-43010-
Analyte	Result	Qualifier	RL	MDL Un	iit	Dil Fac D	Method	Prep Type
Tetrachloroethene	130		0.50	ug	/L	1	8260B/CA_LUFT	Total/NA
		Λ					MS	
Gasoline Range Organics (GRO)	130	K	50	ug.	/L	1	8260B/CA_LUFT	Total/NA
-C5-C12		1					MS	
Client Sample ID: CG-5		-				Lab	Sample ID: 7	20-45615-
Analyte .	Result	Qualifier	RL	MDL Un	it	Dil Fac D	Method	Dran Tuna
Tetrachloroethene	120	- Caramio	0.50			1		Prep Type
7 S. Garmor Gentlerine			0.50	ug	L .		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO)	120	0	50	ug	′L	1	8260B/CA_LUFT	Total/NA
-C5-C12				J			MS	
							WIO	
Client Sample ID: CG-6						Lab	Sample ID: 7	20-45615-
Analyte	Result	Qualifier	RL	MDL Un	it	Dil Fac D	Method	Prep Type
Tetrachloroethene	65		0.50	ug/		1		And the second s
9	00	Mary A	0.50	ug/	1000	1	8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO)	73	1	50	ug/	L III	1	8260B/CA LUFT	Total/NA
-C5-C12							MS	
Client Sample ID: DUP-1						Lab	Sample ID: 7	20-45615-
Analyte	Result	Qualifier	RL	MDL Un	it de	Dil Fac D	Method	Prep Type
Tetrachloroethene	120		0.50	ug/		1		Total/NA
	,,,		3.00	ug/	L	- 1	8260B/CA_LUFT	I Ulai/INA
Trichloroethene	0.59		0.50	ug/		1	MS	Total/NA
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4		0.00	ug/			8260B/CA_LUFT	TOTALINA
Gasoline Range Organics (GRO)	130	V	50	ug/	CO.	1	MS 8260B/CA_LUFT	Total/NA
-C5-C12	.50		55	ugi	200		MS	1 Olai/INA
all a signed							IVIO	
lient Sample ID: TB-1							0	00 45045
nent Sample ID. ID-I						∟ab	Sample ID: 7:	ZU-45615-6

TestAmerica Pleasanton 11/5/2012

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

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

Client Sample ID: CG-3 Date Collected: 10/26/12 11:25 Lab Sample ID: 720-45615-1

Matrix: Water

Date Collected: 10/26/12 11:25				Matrix: vvater
Date Received: 10/26/12 18:30	Doguit Qualifier	RI	MDL Unit	D Prepared Analyzed Dil Fac
Analyte	Result Qualifier	112		D Prepared Analyzed Dil Fac 11/03/12 00:19 1
Methyl tert-butyl ether	ND	0.50	ug/L	11/03/12 00:19 1
Acetone	ND	50	ug/L	
Benzene	ND	0.50	ug/L	
Dichlorobromomethane Promohomome	ND	0.50	ug/L	11/03/12 00:19 1
Bioinopenzene	ND	1.0	ug/L	11/03/12 00:19 1
Chlorobromomethane	ND	1.0	ug/L	11/03/12 00:19 1
Bromoform	ND	1.0	ug/L	11/03/12 00:19 1
Bromomethane	ND	1.0	ug/L	11/03/12 00:19 1
2-Butanone (MEK)	ND	50	ug/L	11/03/12 00:19 1
n-Butylbenzene	ND	1.0	ug/L	11/03/12 00:19 1
sec-Butylbenzene	ND	1.0	ug/L	11/03/12 00 19 1
tert-Butylbenzene	ND	1,0	ug/L	11/03/12 00.19 1
Carbon disulfide	ND	5.0	ug/L	11/03/12 00:19 1
Carbon tetrachloride	ND	0.50	ug/L	11/03/12 00:19 1
Chlorobenzene	ND	0.50	ug/L	11/03/12 00:19
Chloroethane	ND	1.0	ug/L	11/03/12 00:19 1
Chloroform	ND	1.0	ug/L	11/03/12 00:19 1
Chloromethane	ND	1.0	ug/L	11/03/12 00:19 1
2-Chlorotoluene	ND	0.50	ug/L	11/03/12 00:19 1
4-Chlorotoluene	ND	0.50	ug/L	11/03/12 00:19 1
Chlorodibromomethane	ND	0.50	ug/L	11/03/12 00:19
1,2-Dichlorobenzene	ND	0.50	ug/L	11/03/12 00:19
1,3-Dichlorobenzene	ND	0.50	ug/L	11/03/12 00:19 1
1,4-Dichlorobenzene	ND	0.50	ug/L	11/03/12 00:19
1,3-Dichloropropane	ND	1.0	ug/L	11/03/12 00:19
1,1-Dichloropropene	ND	0.50	ug/L	11/03/12 00:19
1,2-Dibromo-3-Chloropropane	ND	1.0	ug/L	11/03/12 00:19 1
Ethylene Dibromide	ND	0.50	ug/L	11/03/12 00:19
Dibromomethane	ND	0.50	ug/L	11/03/12 00:19
Dichlorodifluoromethane	ND	0.50	ug/L	11/03/12 00:19
1,1-Dichloroethane	ND	0.50	ug/L	11/03/12 00:19
1,2-Dichloroethane	ND	0.50	ug/L	11/03/12 00:19
1,1-Dichloroethene	ND	0.50	ug/L	11/03/12 00:19 1
cis-1,2-Dichloroethene	ND	0.50	ug/L	11/03/12 00:19
trans-1,2-Dichloroethene	ND	0.50	ug/L	11/03/12 00:19 1
1,2-Dichloropropane	ND	0.50	ug/L	11/03/12 00:19
cis-1,3-Dichloropropene	ND	0.50	ug/L	11/03/12 00 19 1
trans-1,3-Dichloropropene	ND	0.50	ug/L	11/03/12 00.19
Ethylbenzene	ND	0.50	ug/L	11/03/12 00:19
Hexachlorobutadiene	ND	1.0	ug/L	11/03/12 00:19
2-Hexanone	ND	50	ug/L	11/03/12 00:19
Isopropylbenzene	ND	0.50	ug/L	11/03/12 00:19
4-Isopropyltoluene	ND	1.0	ug/L	11/03/12 00:19
Methylene Chloride	ND	5.0	ug/L	11/03/12 00:19
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	11/03/12 00:19
Naphthalene (MISIN)	ND	1.0	ug/L	11/03/12 00:19
N-Propylbenzene	ND	1.0	ug/L	11/03/12 00:19
Styrene	ND	0.50	ug/L	11/03/12 00:19
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	11/03/12 00:19
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	11/03/12 00:19
i, i,z,z i enacinorocinane	110	0.50	49 /∟	1 17 00 1E 00.10

TestAmerica Pleasanton 11/5/2012

Page 6 of 27

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

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

TestAmerica Job ID: 720-45615-1

Lab Sample ID: 720-45615-1 Client Sample ID: CG-3 Matrix: Water Date Collected: 10/26/12 11:25 Date Received: 10/26/12 18:30

Date Received: 10/26/12 18:30							
Analyte	Result	Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Toluene	ND		0.50	ug/L		11/03/12 00:19	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L		11/03/12 00:19	1 21
1,2,4-Trichlorobenzene	ND		1.0	ug/L		11/03/12 00:19	1
1,1,1-Trichloroethane	ND		0.50	ug/L		11/03/12 00:19	- 0 1
1,1,2-Trichloroethane	ND		0.50	ug/L		11/03/12 00:19	1
Trichloroethene	0.66		0.50	ug/L		11/03/12 00:19	1
Trichlorofluoromethane	ND		1.0	ug/L		11/03/12 00:19	1
1,2,3-Trichloropropane	ND		0.50	ug/L		11/03/12 00:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L		11/03/12 00:19	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L		11/03/12 00:19	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L		11/03/12 00:19	1
Vinyl acetate	ND	*	10	ug/L		11/03/12 00:19	1
Vinyl chloride	ND		0.50	ug/L		11/03/12 00:19	1
Xylenes, Total	ND		1.0	ug/L		11/03/12 00:19	1
2,2-Dichloropropane	ND		0.50	ug/L		11/03/12 00:19	1
Gasoline Range Organics (GRO)	110	1)	50	ug/L		11/03/12 00:19	1
-C5-C12		1					

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		67 - 130		11/03/12 00:19	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 138		11/03/12 00:19	1
Toluene-d8 (Surr)	100		70 - 130		11/03/12 00:19	1

Lab Sample ID: 720-45615-2 Client Sample ID: CG-4 Date Collected: 10/26/12 12:45 Matrix: Water

Date Collected, 10/20/12 12:45								Matrix	. Water
Date Received: 10/26/12 18:30									
Analyte		Qualifier		IL MDE	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND			0.50	ug/L			11/03/12 00:48	1
Acetone	ND			50	ug/L			11/03/12 00:48	1
Benzene	ND			0.50	ug/L			11/03/12 00:48	1
Dichlorobromomethane	ND			0.50	ug/L			11/03/12 00:48	1
Bromobenzene	ND			1.0	ug/L			11/03/12 00:48	.1
Chlorobromomethane	ND			1.0	ug/L	7		11/03/12 00:48	1
Bromoform	ND			1.0	ug/L			11/03/12 00:48	1
Bromomethane	ND			1.0	ug/L			11/03/12 00:48	1
2-Butanone (MEK)	ND			50	ug/L			11/03/12 00:48	1
n-Butylbenzene	ND.			1.0	ug/L			11/03/12 00:48	1
sec-Butylbenzene	ND			1.0	ug/L			11/03/12 00:48	1
tert-Butylbenzene	ND			1.0	ug/L			11/03/12 00:48	1
Carbon disulfide	ND			5.0	ug/L			11/03/12 00:48	1
Carbon tetrachloride	ND			0.50	ug/L			11/03/12 00:48	1
Chlorobenzene	ND			0.50	ug/L			11/03/12 00:48	1
Chloroethane	ND			1.0	ug/L			11/03/12 00:48	1
Chloroform	ND		ic.	1.0	ug/L			11/03/12 00:48	1
Chloromethane	ND			1.0	ug/L			11/03/12 00:48	1
2-Chlorotoluene	ND			0.50	ug/L			11/03/12 00:48	1
4-Chlorotoluene	ND			0.50	ug/L			11/03/12 00:48	1
Chlorodibromomethane	ND			0.50	ug/L			11/03/12 00:48	1
1,2-Dichlorobenzene	ND			0.50	ug/L			11/03/12 00:48	1
1,3-Dichlorobenzene	ND			0.50	ug/L			11/03/12 00:48	1
1,4-Dichlorobenzene	ND			0.50	ug/L			11/03/12 00:48	1
1,3-Dichloropropane	ND			1.0	ug/L			11/03/12 00:48	1

TestAmerica Pleasanton 11/5/2012

Page 7 of 27

Client: Engeo, Inc.

Date Received: 10/26/12 18:30

Project/Site: Crown Chevrolet

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

TestAmerica Job ID: 720-45615-1

Client Sample ID: CG-4

Lab Sample ID: 720-45615-2

Date Collected: 10/26/12 12:45

Matrix: Water

Analyte -	Result Qualifier	RL	MDL Unit	D Prepared Analyzed	Dil Fac
1,1-Dichloropropene	ND .	0.50	ug/L	11/03/12 00:48	1
1,2-Dibromo-3-Chloropropane	ND	1.0	ug/L	11/03/12 00:48	1
Ethylene Dibromide	ND	0.50	ug/L	11/03/12 00.48	1
Dibromomethane	ND	0.50	ug/L	11/03/12 00:48	1
Dichlorodifluoromethane	ND	0.50	ug/L	11/03/12 00:48	1
1,1-Dichloroethane	ND	0.50	ug/L	11/03/12 00:48	1
1,2-Dichloroethane	ND	0.50	ug/L	11/03/12 00:48	1
1,1-Dichloroethene	ND	0.50	ug/L	11/03/12 00:48	1
cis-1,2-Dichloroethene	ND	0.50	ug/L	11/03/12 00:48	1
trans-1,2-Dichloroethene	ND	0.50	ug/L	11/03/12 00:48	1
1,2-Dichloropropane	, ND	0.50	ug/L	11/03/12 00:48	1
cis-1,3-Dichloropropene	ND	0.50	ug/L	11/03/12 00:48	1
trans-1,3-Dichloropropene	ND	0.50	ug/L	11/03/12 00:48	1
Ethylben_ene	ND	0.50	ug/L	11/03/12 00:48	1
Hexachlorobutadiene	ND	1.0	ug/L	11/03/12 00:48	1
2-Hexanone	ND	50	ug/L	11/03/12 00:48	1
Isopropylbenzene	ND	0.50	ug/L	11/03/12 00:48	= 1
4-Isopropyltoluene	ND	1.0	ug/L	11/03/12 00:48	1
Methylene Chloride	ND	5.0	ug/L	11/03/12 00:48	1
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	11/03/12 00:48	1
Naphthalene	ND	1.0	ug/L	11/03/12 00:48	1
N-Propylbenzene	ND	1.0	ug/L	11/03/12 00:48	1
Styrene	ND	0.50	ug/L	11/03/12 00:48	1
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	11/03/12 00:48	1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	11/03/12 00:48	1
Tetrachloroethene	130	0.50	ug/L	11/03/12 00:48	1
Toluene	ND	0.50	ug/L	11/03/12 00:48	1
1,2,3-Trichlorobenzene	ND	1.0	ug/L	11/03/12 00:48	1
1,2,4-Trichlorobenzene	ND	1.0	ug/L	11/03/12 00:48	1
1,1,1-Trichloroethane	ND	0.50	ug/L	11/03/12 00:48	1
1,1,2-Trichloroethane	ND	0.50	ug/L	11/03/12 00:48	1
Trichloroethene	ND	0.50	ug/L	11/03/12 00:48	mer 1
Trichlorofluoromethane	ND	1.0	ug/L	11/03/12 00:48	1
1,2,3-Trichloropropane	ND	0.50	ug/L	11/03/12 00:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	ug/L	11/03/12 00:48	1
1,2,4-Trimethylbenzene	ND	0.50	ug/L	11/03/12 00:48	1
1,3,5 Trimethylbenzene	ND	0.50	ug/L	11/03/12 00:48	1
Vinyl acetate	ND *	10	ug/L	11/03/12 00:48	1
Vinyl chloride	ND	0.50	ug/L	11/03/12 00:48	1
Xylenes, Total	ND	1.0	ug/L	11/03/12 00:48	1
2,2-Dichloropropane	ND	0.50	ug/L	11/03/12 00:48	1
Gasoline Range Organics (GRO)	130	50	ug/L	11/03/12 00:48	1
CE C12					

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

Prepared	Analyzed	Dil Fac
	11/03/12 00:48	1
	11/03/12 00:48	1
	11/03/12 00:48	1

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

Date Received: 10/26/12 18:30

TestAmerica Job ID: 720-45615-1

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

Client Sample ID: CG-5

Lab Sample ID: 720-45615-3

Date Collected: 10/26/12 13:15

Matrix: Water

Analyte	Result Qualifier	RL	MDL Unit D	Prepared Analyzed	Dil Fac
Methyl tert-butyl ether	ND	0.50	ug/L	11/03/12 01:17	1
Acetone	ND	50	ug/L	11/03/12 01:17	1
Benzene	ND	0.50	ug/L	11/03/12 01:17	1
Dichlorobromomethane	ND	0.50	ug/L	11/03/12 01:17	1
Bromobenzene	ND	1.0	ug/L	11/03/12 01:17	1
Chlorobromomethane	ND	1.0	ug/L	11/03/12 01:17	1
Bromoform	ND	1.0	ug/L	11/03/12 01:17	1
Bromomethane	ND	1.0	ug/L	11/03/12 01:17	1
2-Butanone (MEK)	ND	50	ug/L	11/03/12 01:17	1
n-Butylbenzene	ND	1.0	ug/L	11/03/12 01:17	1
sec-Butylbenzene	ND	1.0	ug/L	11/03/12 01:17	1
tert-Butylbenzene		1.0	ug/L	11/03/12 01:17	1
Carbon disulfide		5.0		11/03/12 01:17	
Carbon tetrachloride		0.50	ug/L	11/03/12 01:17	1
	ND	0.50	ug/L	11/03/12 01:17	1
Chloropenzene			ug/L		1
Chloroethane	ND	1.0	ug/L	11/03/12 01:17	
Chloroform	ND	1.0	ug/L	11/03/12 01:17	1
Chloromethane	ND	1.0	ug/L	11/03/12 01:17	1
2-Chlorotoluene	ND	0.50	ug/L	11/03/12 01:17	1
4-Chlorotoluene	ND	0.50	ug/L	11/03/12 01:17	100554.1
Chlorodibromomethane	ND	0.50	ug/L	11/03/12 01:17	1
1,2-Dichlorobenzene	ND	0.50	ug/L	11/03/12 01:17	1
1,3-Dichlorobenzene	ND	0.50	ug/L	11/03/12 01:17	MELICIA 1
1,4-Dichlorobenzene	ND	0.50	ug/L	11/03/12 01:17	1
1,3-Dichloropropane	ND	1.0	ug/L	11/03/12 01:17	1
1,1-Dichloropropene	ND	0.50	ug/L	11/03/12 01:17	1
1,2-Dibromo-3-Chloropropane	ND	1.0	ug/L	11/03/12 01:17	1
Ethylene Dibromide	ND	0.50	ug/L	11/03/12 01:17	1
Dibromomethane	ND	0.50	ug/L	11/03/12 01:17	1
Dichlorodifluoromethane	ND	0.50	ug/L	11/03/12 01:17	1
1,1-Dichloroethane	* ND	0.50	ug/L	11/03/12 01:17	1
1,2-Dichloroethane	ND	0.50	ug/L	11/03/12 01:17	1
1,1-Dichloroethene	ND	0.50	ug/L	11/03/12 01:17	1
cis-1,2-Dichloroethene	ND	0.50	ug/L	11/03/12 01:17	1
trans-1,2-Dichloroethene	ND	0.50	ug/L	11/03/12 01:17	1
1,2-Dichloropropane	ND	0.50	ug/L.	11/03/12 01:17	1
cis-1,3-Dichloropropene	ND	0.50	ug/L	11/03/12 01:17	1
trans-1,3-Dichloropropene	ND	0.50	ug/L	11/03/12 01:17	1
Ethylbenzene	ND	0.50	ug/L	11/03/12 01:17	1
dexachlorobutadiene	ND	1.0	ug/L	11/03/12 01:17	1
2-Hexanone	ND	50	ug/L	11/03/12 01:17	1
sopropylbenzene	ND	0.50	ug/L	11/03/12 01:17	1
4-Isopropyltoluene	ND	1.0	ug/L	11/03/12 01:17	1
Methylene Chloride	ND	5.0	ug/L	11/03/12 01:17	1
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	11/03/12 01:17	1
Naphthalene	ND	1.0	ug/L	11/03/12 01:17	1
N-Propylbenzene	ND	1.0	ug/L	11/03/12 01:17	1
Styrene	ND	0.50	ug/L	11/03/12 01:17	1
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	11/03/12 01:17	1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	11/03/12 01:17	1
Tetrachloroethene	120	0.50	ug/L	11/03/12 01:17	1
renacilloroeniene	120	0.50	ugre	11/00/12 01.1/	D454 1

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

7.0

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

Client Sample ID: CG-5
Date Collected: 10/26/12 13:15
Date Received: 10/26/12 18:30

Lab Sample ID: 720-45615-3

Lab Sample ID: 720-45615-4

Matrix: Water

Matrix: Water

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50	ug/L			11/03/12 01:17	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			11/03/12 01:17	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			11/03/12 01:17	1
1,1,1-Trichloroethane	ND		0.50	ug/L			11/03/12 01:17	1
1,1,2-Trichloroethane	ND		0.50	ug/L			11/03/12 01:17	1
Trichloroethene	ND	-	0.50	ug/L			11/03/12 01:17	1
Trichlorofluoromethane	ND		1.0	ug/L			11/03/12 01:17	1
1,2,3-Trichloropropane	ND		0.50	ug/L			11/03/12 01:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	e ND		0.50 -	ug/L			11/03/12 01:17	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L			11/03/12 01:17	m===1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			11/03/12 01:17	1
Vinyl acetate	ND	•	10	ug/L			. 11/03/12 01:17	1
Vinyl chloride	ND		0.50	ug/L			11/03/12 01:17	1
Xylenes, Total	ND		1.0	ug/L		.51	11/03/12 01:17	1
2,2-Dichloropropane	ND	Λ	0.50	ug/L			11/03/12 01:17	1
Gasoline Range Organics (GRO) 120	K	50	ug/L			11/03/12 01:17	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98	67 - 130		11/03/12 01:17	1
1,2-Dichloroethane-d4 (Surr)	97	75 - 138		11/03/12 01:17	1
Toluene-d8 (Surr)	96	70 - 130		11/03/12 01:17	1

Client Sample ID: CG-6

Date Collected: 10/26/12 16:30

Date Received: 10/26/12 18:30

Date Received: 10/26/12 18:30								
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	ug/L			11/03/12 01:46	1
Acetone	ND		50	ug/L			11/03/12 01:46	1
Benzene	ND		0.50	ug/L			11/03/12 01:46	1
Dichlorobromomethane	ND		0,50	ug/L			11/03/12 01:46	1
Bromobenzene	ND		1.0	ug/L			11/03/12 01:46	1
Chlorobromomethane	ND		1.0	ug/L			11/03/12 01:46	1
Bromoform	ND		1.0	ug/L			11/03/12 01:46	1
Bromomethane	ND		1.0	ug/L			11/03/12 01:46	1
2-Butanone (MEK)	ND		50	ug/L			11/03/12 01:46	1
n-Butylbenzene	ND		1.0	ug/L			11/03/12 01:46	1
sec-Butylbenzene	ND		1.0	ug/L			11/03/12 01:46	1
tert-Butylbenzene	ND		1.0	ug/L			11/03/12 01:46	1
Carbon disulfide	ND		5.0	ug/L			11/03/12 01:46	1
Carbon tetrachloride	ND		0.50	ug/L			11/03/12 01:46	1
Chlorobenzene	ND		0.50	ug/L			11/03/12 01:46	1
Chloroethane	ND		1.0	ug/L			11/03/12 01:46	1
Chloroform	ND		1.0	ug/L			11/03/12 01:46	1
Chloromethane	ND		1.0	ug/L			11/03/12 01:46	1
2-Chlorotoluene	ND		0.50	ug/L			11/03/12 01:46	1
4-Chlorotoluene	ND		0.50	ug/L			11/03/12 01:46	1
Chlorodibromomethane	ND		0.50	ug/L			11/03/12 01:46	1
1,2-Dichlorobenzene	ND		0.50	ug/L			11/03/12 01:46	1
1,3-Dichlorobenzene	ND		0.50	ug/L			11/03/12 01:46	1
1,4-Dichlorobenzene	ND		0.50	ug/L			11/03/12 01:46	1
1,3-Dichloropropane	ND		1.0	ug/L			11/03/12 01:46	1

TestAmerica Pleasanton _11/5/2012

Page 10 of 27

Client: Engeo, Inc.

TestAmerica Job ID: 720-45615-1

Project/Site: Crown Chevrolet

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

Client Sample ID: CG-6

Lab Sample ID: 720-45615-4

Parts Collected: 10/05/12 45:30

Date Collected: 10/26/12 16:30 Matrix: Water

Date Received: 10/26/12 18:30 Analyte	Result Qualifi	ier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND	0.50	ug/L			11/03/12 01:46	1
1,2-Dibromo-3-Chloropropane	ND	1.0	ug/L			11/03/12 01:46	1
Ethylene Dibromide	ND	0.50	ug/L			11/03/12 01:46	1
Dibromomethane	ND	0.50	ug/L			11/03/12 01:46	1
Dichlorodifluoromethane	ND	0.50	ug/L			11/03/12 01:46	1
1,1-Dichloroethane	ND	0.50	ug/L			11/03/12 01:46	1
1,2-Dichloroethane	ND	0.50	ug/L			11/03/12 01:46	1
1,1-Dichloroethene	ND	0.50	ug/L			11/03/12 01:46	1
cis-1,2-Dichloroethene	ND	0.50	ug/L			11/03/12 01:46	1
trans-1,2-Dichloroethene	ND	0.50	ug/L			11/03/12 01:46	1
1,2-Dichloropropane	ND	0.50	ug/L			11/03/12 01:46	1
cis-1,3-Dichloropropene	ND	0.50	ug/L			11/03/12 01:46	1
trans-1,3-Dichloropropene	ND	0.50	ug/L			11/03/12 01:46	1
Ethylbenzene	ND	0.50	ug/L			11/03/12 01:46	1
Hexachlorobutadiene	ND	1.0	ug/L			11/03/12 01:46	1
2-Hexanone	ND	50	ug/L			11/03/12 01:46	1
Isopropylbenzene	ND	0.50	ug/L			11/03/12 01:46	1
4-Isopropyltoluene	ND	1.0	ug/L			11/03/12 01:46	1
Methylene Chloride	ND	5.0	ug/L			11/03/12 01:46	1
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L			11/03/12 01:46	1
Naphthalene	ND	1.0	ug/L			11/03/12 01:46	1
N-Propylbenzene	ND	1.0	ug/L			11/03/12 01:46	1
Styrene	ND	0.50	ug/L			11/03/12 01:46	1
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L			11/03/12 01:46	1
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L			11/03/12 01:46	1
Tetrachloroethene	65	0.50	ug/L			11/03/12 01:46	1
Toluene	ND	0.50	ug/L			11/03/12 01:46	1
1,2,3-Trichlorobenzene	ND	1.0	ug/L			11/03/12 01:46	1
1,2,4-Trichlorobenzene	ND	1.0	ug/L			11/03/12 01:46	1
1,1,1-Trichloroethane	ND	0.50	ug/L			11/03/12 01:46	- 001
1,1,2-Trichloroethane	ND	0.50	ug/L			11/03/12 01:46	1
Trichloroethene	ND	0.50	ug/L			11/03/12 01:46	1
Trichlorofluoromethane	ND	1.0	ug/L	21		11/03/12 01:46	1
1,2,3-Trichloropropane	ND	0.50	ug/L			11/03/12 01:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	ug/L			11/03/12 01:46	1
1,2,4-Trimethylbenzene	ND	0.50	ug/L			11/03/12 01:46	1
1,3,5-Trimethylbenzene	ND	0.50	ug/L			11/03/12 01:46	1
Vinyl acetate	ND *	10	ug/L			11/03/12 01:46	1
Vinyl chloride	ND	0.50	ug/L			11/03/12 01:46	1
Xylenes, Total	ND	1.0	ug/L			11/03/12 01:46	1
2,2-Dichloropropane	ND .	0.50	ug/L			11/03/12 01:46	1
Gasoline Range Organics (GRO)	73	50	ug/L			11/03/12 01:46	1
-C5-C12	13	30	ug/L			17/00/12 01.40	
111111111111111111111111111111111111111							
Surrogate	%Recovery Qualifi	er Limits			Prepared	Analyzed	Dil Fac
4 Bromofluorobenzene	98.	67 - 130				11/03/12 01:46	1
1 0 0: 1/ // // 1/ /0)							

11/03/12 01:46

75 - 138

70 - 130

100 99

1,2-Dichloroethane-d4 (Surr)

Toluene-d8 (Surr)

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

Client: Engeo, Inc.

Tetrachloroethene

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

Client Sample ID: DUP-1

Date Collected: 10/26/12 11:45

Lab Sample ID: 720-45615-5 Matrix: Water

Analyte	Result	Qualifier	RL	MDL Unit D	Prepared	Analyzed	Dil Fa
Methyl tert-butyl ether	ND		0.50	ug/L		11/03/12 02:14	
Acetone	ND		50	ug/L		11/03/12 02:14	
Benzene	ND		0.50	ug/L		11/03/12 02:14	
Dichlorobromomethane	ND		0.50	ug/L		11/03/12 02:14	
romobenzene	ND		1.0	ug/L		11/03/12 02:14	
hlorobromomethane	ND		1.0	ug/L		11/03/12 02:14	
romoform	ND		1.0	ug/L		11/03/12 02:14	
romomethane	ND		1.0	ug/L		11/03/12 02:14	
-Butanone (MEK)	ND		50	ug/L		11/03/12 02:14	
-Butylbenzene	ND		1.0	ug/L		11/03/12 02:14	
ec-Butylbenzene	ND		1.0	ug/L		11/03/12 02:14	
ert-Butylbenzene	ND		1.0	ug/L		11/03/12 02:14	
arbon disulfide	ND		5.0	ug/L		11/03/12 02:14	
arbon tetrachloride	ND		0.50	ug/L		11/03/12 02:14	
hlorobenzene	ND		0.50	ug/L		11/03/12 02:14	
hloroethane	ND		1.0	ug/L		11/03/12 02:14	
hloroform	ND		1.0	ug/L		11/03/12 02:14	
hloromethane	ND		1.0	ug/L		11/03/12 02:14	
Chlorotoluene	ND		0.50	ug/L		11/03/12 02:14	
Chlorotoluene	ND		0.50	ug/L		11/03/12 02:14	
hlorodibromomethane	ND		0.50	ug/L		11/03/12 02:14	
2-Dichlorobenzene	ND		0.50	ug/L		11/03/12 02:14	
3-Dichlorobenzene	ND		0.50	ug/L		11/03/12 02:14	
4-Dichlorobenzene	ND		0.50	ug/L		11/03/12 02:14	
3-Dichloropropane	ND		1.0	ug/L		11/03/12 02:14	
1-Dichloropropene	ND		0.50	ug/L		11/03/12 02:14	
2-Dibromo-3-Chloropropane	ND		1.0	ug/L		11/03/12 02:14	
	ND		0.50	ug/L		11/03/12 02:14	
hylene Dibromide	ND		0.50				
bromomethane				ug/L		11/03/12 02:14	
ichlorodifluoromethane	ND		0.50	ug/L		11/03/12 02:14	
1-Dichloroethane	ND		0.50	ug/L		11/03/12 02:14	
2-Dichloroethane	ND		0.50	ug/L		11/03/12 02:14	
1-Dichloroethene	ND		0.50	ug/L		11/03/12 02:14	
s-1,2-Dichloroethene	ND		0.50	ug/L		11/03/12 02:14	
ans-1,2-Dichloroethene	ND		0.50	ug/L		11/03/12 02:14	
2-Dichloropropane	ND		0.50	ug/L		11/03/12 02:14	
s-1,3-Dichloropropene	ND		0.50	ug/L		11/03/12 02:14	
ans-1,3-Dichloropropene	ND		0.50	ug/L		11/03/12 02:14	
thylbenzene	ND		0.50	ug/L		11/03/12 02:14	
exachlorobutadiene	ND		1.0	ug/L		11/03/12 02:14	
Hexanone	ND		50	ug/L		11/03/12 02:14	
opropylbenzene	ND		0.50	ug/L			
Isopropyltoluene	ND		1.0	ug/L		11/03/12 02:14	
ethylene Chloride	ND		5.0	ug/L		11/03/12 02:14	
Methyl-2-pentanone (MIBK)	ND		50	ug/L		11/03/12 02:14	
aphthalene	ND		1.0	ug/L		11/03/12 02:14	
-Propylbenzene	ND		1.0	ug/L		11/03/12 02:14	
tyrene	ND		0.50	ug/L		11/03/12 02:14	
,1,1,2-Tetrachloroethane	ND		0.50	ug/L		11/03/12 02:14	
,1,2,2-Tetrachloroethane	ND		0.50	ug/L		11/03/12 02:14	
4			0.50	J 0		44/00/40 00:44	

TestAmerica Pleasanton 11/5/2012

11/03/12 02:14

Page 12 of 27

0.50

120

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

3

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

Client Sample ID: DUP-1 Date Collected: 10/26/12 11:45 Date Received: 10/26/12 18:30 Lab Sample ID: 720-45615-5 Matrix: Water

47

Analyte	Result Qualifier	RL	MDL Unit D	Prepared Analyzed	Dil Fac
Toluene	ND	0.50	ug/L	11/03/12 02:14	0.5/11
1,2,3-Trichlorobenzene	ND	1.0	ug/L	11/03/12 02:14	1
1,2,4-Trichlorobenzene	ND	1.0	ug/L	11/03/12 02:14	1
1,1,1-Trichloroethane	ND	0.50	ug/L	11/03/12 02:14	1
1,1,2-Trichloroethane	ND	0.50	ug/L	11/03/12 02:14	- 1
Trichloroethene	0.59	0.50	ug/L	11/03/12 02:14	1
Trichlorofluoromethane	ND	1.0	ug/L	11/03/12 02:14	1
1,2,3-Trichloropropane	ND	0.50	ug/L	11/03/12 02:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	ug/L	11/03/12 02:14	1
1,2,4-Trimethylbenzene	ND	0.50	ug/L	11/03/12 02:14	1
1,3,5-Trimethylbenzene	ND	0.50	ug/L	11/03/12 02:14	1
Vinyl acetate	ND *	10	ug/L	11/03/12 02:14	1
Vinyl chloride	ND	0.50	ug/L	11/03/12 02:14	1
Xylenes, Total	ND	1.0	ug/L	11/03/12 02:14	1
2,2-Dichloropropane	ND	0.50	ug/L	11/03/12 02:14	1
Gasoline Range Organics (GRO)	130	50	ug/L	11/03/12 02:14	1
-C5-C12					

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100	67 _ 130		11/03/12 02:14	1
1,2-Dichloroethane-d4 (Surr)	96	75 - 138		11/03/12 02:14	1
Toluene-d8 (Surr)	97	70 - 130		11/03/12 02:14	1

Client Sample ID: TB-1

Date Collected: 10/26/12 08:00

10/26/12 18:30

Lab Sample ID: 720-45615-6

Matrix: Water

Date Received: 10/26/12 18:30							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND	0.50	ug/L			11/02/12 22:24	1
Acetone	ND	50	ug/L			11/02/12 22:24	1
Benzene	ND	0.50	ug/L			11/02/12 22:24	1
Dichlorobromomethane	ND	0.50	ug/L			11/02/12 22:24	1
Bromobenzene	ND	1.0	ug/L			11/02/12 22:24	1
Chlorobromomethane	ND	1.0	ug/L			11/02/12 22:24	1
Bromoform	ND	1.0	ug/L			11/02/12 22:24	1
Bromomethane	ND	1.0	ug/L			11/02/12 22:24	1
2-Butanone (MEK)	ND	50	ug/L			11/02/12 22:24	1
n-Butylbenzene	ND	1.0	ug/L			11/02/12 22:24	1
sec-Butylbenzene	ND	1.0	ug/L			11/02/12 22:24	1
tert-Butylbenzene	ND	1.0	ug/L			11/02/12 22:24	1
Carbon disulfide	ND	5.0	ug/L			11/02/12 22:24	1
Carbon tetrachloride	ND	0.50	ug/L			11/02/12 22:24	1
Chlorobenzene	ND	0.50	ug/L			11/02/12 22:24	1
Chloroethane	ND	1.0	ug/L			11/02/12 22:24	1
Chloroform	ND	1.0	ug/L			11/02/12 22:24	1
Chloromethane	ND	1.0	ug/L			11/02/12 22:24	1
2-Chlorotoluene	ND	0.50	ug/L			11/02/12 22:24	1
4-Chlorotoluene	ND	0.50	ug/L			11/02/12 22:24	1
Chlorodibromomethane	ND	0.50	ug/L			11/02/12 22:24	1
1,2-Dichlorobenzene	ND	0.50	ug/L			11/02/12 22:24	1
1,3-Dichlorobenzene	ND	0,50	ug/L			11/02/12 22:24	1
1,4-Dichlorobenzene	ND	0.50	ug/L			11/02/12 22:24	1
1,3-Dichloropropane	ND	1.0	ug/L			11/02/12 22:24	1

TestAmerica Pleasanton 11/5/2012

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

Agreement Health and

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

Client Sample ID: TB-1 Datè Collected: 10/26/12 08:00

Lab Sample ID: 720-45615-6 2 08:00 Matrix: Water

Daté Collected: 10/26/12 08:00
Date Received: 10/26/12 18:30

Analyte	Result	Qualifier	RL	MDL Unit D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		0.50	ug/L		11/02/12 22:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L		11/02/12 22:24	1
Ethylene Dibromide	ND		0.50	ug/L		11/02/12 22:24	1
Dibromomethane	ND		0.50	ug/L		11/02/12 22:24	1
Dichlorodifluoromethane	ND		0.50	ug/L		11/02/12 22:24	1
1,1-Dichloroethane	ND		0.50	ug/L		11/02/12 22:24	1
1,2-Dichloroethane	ND		0.50	ug/L		11/02/12 22:24	1
1,1-Dichloroethene	ND		0.50	ug/L		11/02/12 22:24	1
cis-1,2-Dichloroethene	ND		0.50	ug/L		11/02/12 22:24	1
trans-1,2-Dichloroethene	ND		0.50	ug/L		11/02/12 22:24	# had 1
1,2-Dichloropropane	ND		0.50	ug/L		11/02/12 22:24	1
cis-1,3-Dichloropropene	ND		0.50	ug/L		-11/02/12 22:24	1
trans-1,3-Dichloropropene	ND		0.50	ug/L		11/02/12 22:24	1
Ethylbenzene	ND		0.50	ug/L		11/02/12 22:24	1
Hexachlorobutadiene	ND		1.0	ug/L		11/02/12 22:24	1
2-Hexanone	ND		50	ug/L		11/02/12 22:24	1
Isopropylbenzene	ND		0.50	ug/L		11/02/12 22:24	1
4-Isopropyltoluene	ND		1.0	ug/L		11/02/12 22:24	1
Methylene Chloride	ND		5.0	ug/L		11/02/12 22:24	1
4-Methyl-2-pentanone (MIBK)	ND		50	ug/L		11/02/12 22:24	1
Naphthalene	ND		1.0	ug/L		11/02/12 22:24	1
N-Propylbenzene	ND		1.0	ug/L		11/02/12 22:24	1
Styrene	ND		0.50	ug/L		11/02/12 22:24	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L		11/02/12 22;24	overen 1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L	noith En	11/02/12 22:24	R min 1
Tetrachloroethene	ND		0.50	ug/L		11/02/12 22:24	1
Toluene	ND		0.50	ug/L		11/02/12 22;24	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L		11/02/12 22:24	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L		11/02/12 22:24	1
1,1,1-Trichloroethane	ND		0.50	ug/L		11/02/12 22:24	1
1,1,2-Trichloroethane	ND		0.50	ug/L		11/02/12 22:24	1
Trichloroethene	ND		0.50	ug/L		11/02/12 22:24	1
Trichlorofluoromethane	ND		1.0	ug/L		11/02/12 22:24	1
1,2,3-Trichloropropane	ND		0.50	ug/L		11/02/12 22:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L		11/02/12 22:24	1
1,2,4-Trimethylbenzene	ND		0.50	ug/L		11/02/12 22:24	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L		11/02/12 22:24	1
Vinyl acetate	ND	•	10	ug/L		11/02/12 22:24	guit i g 1
Vinyl chloride	ND		0.50	ug/L		11/02/12 22:24	1
Xylenes, Total	ND		1.0	ug/L		11/02/12 22:24	1
2,2-Dichloropropane	ND		0.50	ug/L		11/02/12 22:24	1
Gasoline Range Organics (GRO)	ND		50	ug/L		11/02/12 22:24	1
-C5-C12							

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		11/02/12 22:24	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 138		11/02/12 22:24	1
Toluene-d8 (Surr)	100		70 - 130		11/02/12 22:24	1

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

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

Lab Sample ID: MB 720-124534/4

Matrix: Water

Analysis Batch: 124534

Client Sample ID: Method Blank

Prep Type: Total/NA

	Analyzed	Dil Fac	
_	11/02/12 20:00	1	0
	11/00/10 00:00	Decode 17 A	***************************************

ΜB MB Result Qualifier RL MDL Unit Analyte D Prepared Methyl tert-butyl ether ND 0.50 ug/L ND 50 ug/L Acetone 11/02/12 20:00 Benzene ND 0.50 ug/L 11/02/12 20:00 Dichlorobromomethane ND 0.50 ug/L 11/02/12 20:00 Bromobenzene ND 1.0 ug/L 11/02/12 20:00 Chlorobromomethane ND 1.0 ug/L 11/02/12 20:00 Bromoform ND 1.0 ug/L 11/02/12 20:00 ND 11/02/12 20:00 Bromomethane 1.0 ug/L 2-Butanone (MEK) ND 50 ug/L 11/02/12 20:00 ND 1.0 ug/L 11/02/12 20:00 n-Butylbenzene 1.0 11/02/12 20:00 sec-Butylbenzene ND ug/L tert-Butylbenzene ND 1.0 ug/L 11/02/12 20:00 5.0 Carbon disulfide ND ug/L 11/02/12 20:00 Carbon tetrachloride ND 0.50 11/02/12 20:00 uq/L Chlorobenzene ND 0.50 11/02/12 20:00 ug/L ND Chloroethane 1.0 ug/L 11/02/12 20:00 Chloroform ND 1.0 ug/L 11/02/12 20:00 ND 1.0 11/02/12 20:00 Chloromethane ug/L 2-Chlorotoluene ND 0.50 ug/L 11/02/12 20:00 ND 0.50 11/02/12 20:00 4-Chlorotoluene ug/L ND 0.50 11/02/12 20:00 Chlorodibromomethane ug/L 1,2-Dichlorobenzene ND 0.50 ug/L 11/02/12 20:00

1,3-Dichlorobenzene ND 0.50 11/02/12 20:00 ug/L 1,4-Dichlorobenzene ND 0.50 ug/L 11/02/12 20:00 1,3-Dichloropropane ND 1.0 ug/L 11/02/12 20:00 ND 0.50 ug/L 11/02/12 20:00 1,1-Dichloropropene ND 1,2-Dibromo-3-Chloropropane 1.0 ug/L 11/02/12 20:00 Ethylene Dibromide ND 0.50 ug/L 11/02/12 20:00 Dibromomethane ND 0.50 11/02/12 20:00 ug/L Dichlorodifluoromethane ND 0.50 ug/L 11/02/12 20:00 11/02/12 20:00 1.1-Dichloroethane ND 0.50 ug/L ND ug/L 0.50 11/02/12 20:00 1,2-Dichloroethane 1,1-Dichloroethene ND 0.50 ug/L 11/02/12 20:00 cis-1,2-Dichloroethene ND 0.50 11/02/12 20:00 ug/L trans-1,2-Dichloroethene ND 0.50 ug/L 11/02/12 20:00 1,2-Dichloropropane ND 0.50 11/02/12 20:00 uq/L ND 0.50 ug/L 11/02/12 20:00 cis-1,3-Dichloropropene trans-1,3-Dichloropropene ND 0.50 ug/L 11/02/12 20:00 Ethylbenzene ND 0.50 ug/L 11/02/12 20:00 ND Hexachlorobutadiene 1.0 ug/L 11/02/12 20:00 ND 50 11/02/12 20:00 2-Hexanone ug/L Isopropylbenzene ND 0.50 ug/L 11/02/12 20:00 4-Isopropyltoluene ND 1.0 ug/L 11/02/12 20:00 Methylene Chloride ND 5.0 11/02/12 20:00 ug/L 4-Methyl-2-pentanone (MIBK) ND 50 ug/L 11/02/12 20:00 Naphthalene ND 1.0 ug/L 11/02/12 20:00 N-Propylbenzene ND 1.0 ug/L 11/02/12 20:00 Styrene ND 0.50 ug/L 11/02/12 20:00 1,1,1,2-Tetrachloroethane ND 0.50 ug/L 11/02/12 20:00

RL

0.50

0.50

0.50

1.0

1.0

0.50

0.50

0.50

1.0

0.50

0.50

0.50

0.50

0.50

1.0

0.50

50

10

MDL Unit

ug/L

ug/L

ug/L

ug/L

ug/L

ua/L

ug/L

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

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

Lab Sample ID: MB 720-124534/4

Matrix: Water

Analyte

Toluene

Analysis Batch: 124534

1,1,2,2-Tetrachloroethane

Tetrachloroethene

1.2.3-Trichlorobenzene

1,2,4-Trichlorobenzene

1,1,1-Trichloroethane

1,1,2-Trichloroethane

Trichlorofluoromethane

1,2,3-Trichloropropane

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

2,2-Dichloropropane

Gasoline Range Organics (GRO)

1,1,2-Trichloro-1,2,2-trifluoroethane

Trichloroethene

Vinyl acetate

Vinyl chloride

Xylenes, Total

-C5-C12

Client Sample ID: Method Blank

Prep Type: Total/NA

D Prepared Analyzed 11/02/12 20:00 11/02/12 20:00 11/02/12 20:00 11/02/12 20:00

11/02/12 20:00 11/02/12 20:00 11/02/12 20:00 11/02/12 20:00 11/02/12 20:00

11/02/12 20:00

11/02/12 20:00

11/02/12 20:00

11/02/12 20:00

11/02/12 20:00

11/02/12 20:00

11/02/12 20:00

11/02/12 20:00

11/02/12 20:00

Analyzed

Dil Fac

MB MB

MB MB

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

NΠ

ND

ND

ND

Result Qualifier

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene 98 67 - 130 1,2-Dichloroethane-d4 (Surr) 96 75 - 138 Toluene-d8 (Surr) 99 70 - 130

11/02/12 20:00 11/02/12 20:00 11/02/12 20:00

Prepared

Lab Sample ID: LCS 720-124534/5

Matrix: Water

Analysis Batch: 124534

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

Allalysis Datoll. 124004							
	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Methyl tert-butyl ether	25.0	25.6		ug/L		103	62 - 130
Acetone	125	122		ug/L		98	26 - 180
Benzene	25.0	25.5		ug/L		102	79 - 130
Dichlorobromomethane	25.0	26.5		ug/L		106	70 - 130
Bromobenzene	25.0	25.5		ug/L		102	70 - 130
Chlorobromomethane	25.0	26.2		ug/L		105	70 - 130
Bromoform	25.0	25.3		ug/L		101	68 - 136
Bromomethane	25.0	27.1		ug/L		108	43 - 151
2-Butanone (MEK)	125	121		ug/L		97	54 - 130
n-Butylbenzene	25.0	24.6		ug/L		98	70 - 142
sec-Butylbenzene	25.0	25.1		ug/L		100	70 - 134
tert-Butylbenzene	25.0	25.0		ug/L		100	70 - 135
Carbon disulfide	25.0	28.2		ug/L		113	58 - 130
Carbon tetrachloride	25.0	24.7		ug/L		99	70 - 146
Chlorobenzene	25.0	25.1		ug/L		101	70 - 130
Chloroethane	25.0	27.4		ug/L		110	62 - 138
Chloroform	25.0	25.2		ug/L		101	70 - 130
Chloromethane	25.0	26.4		ug/L		106	52 - 175
2-Chlorotoluene	25.0	25.7		ug/L		103	70 - 130
4-Chlorotoluene	25.0	25.1		ug/L		100	70 - 130

TestAmerica Pleasanton 11/5/2012

LCS LCS

Result Qualifier

Unit

D

%Rec

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

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

Lab Sample ID: LCS 720-124534/5

Matrix: Water

Analysis Batch: 124534

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

%Rec.

Limits

5

Chlorodibromomethane 25.0 27.2 ug/L 109 70 - 145 26.0 104 70 - 130 1,2-Dichlorobenzene 25.0 ug/L ug/L 25.0 26.0 104 70 - 130 1.3-Dichlorobenzene 104 25.026.0 ug/L 70 - 1301,4-Dichlorobenzene 1,3-Dichloropropane 25.0 26.3 ug/L 105 70 - 13025.0 25.4 ug/L 102

Spike

Added

70 - 130 1,1-Dichloropropene 1,2-Dibromo-3-Chloropropane 25.0 22.8 ug/L 91 70 - 136 25.0 26.3 ug/L 105 70 - 130 Ethylene Dibromide 24 4 98 70 - 130 25.0 ug/L Dibromomethane 79 34 - 132 Dichlorodifluoromethane 25.0 19.9 ug/L 1,1-Dichloroethane 25.0 25.9 ug/L 104 70 - 130 1,2-Dichloroethane 25.0 25.6 ug/L 102 61 - 132 1,1-Dichloroethene 25.0 21.4 ug/L 85 25.0 26.3 ug/L 105 cis-1,2-Dichloroethene

64 - 128 70 - 130 68 - 130 trans-1,2-Dichloroethene 25.0 25.6 ug/L 102 70 - 130 1,2-Dichloropropane 25.0 26.2 ug/L 105 25.0 28.3 ug/L 113 70 - 130 cis-1,3-Dichloropropene 108 70 - 140 25.0 27.0 ug/L trans-1,3-Dichloropropene 25.0 24.4 97 80 - 120 ua/L Ethylbenzene 23.0 92 70 - 130 25.0

ug/L Hexachlorobutadiene 98 60 - 164 2-Hexanone 125 122 ug/L 25.0 25.5 ug/L 102 70 - 130 Isopropylbenzene 25.0 24.8 99 70 - 130 4-Isopropyltoluene ug/L ug/L 25.0 25.7 103 70 - 147 Methylene Chloride 129 103 58 - 130 4-Methyl-2-pentanone (MIBK) 125 ug/L 25.0 22.9 92 70 - 130 Naphthalene ug/L

N-Propylbenzene 25.0 25.3 ug/L 101 70 - 130 25.0 23.9 96 70 - 130 Styrene ug/L 25.0 24.9 ug/L 99 70 - 130 1.1.1.2-Tetrachloroethane 25.0 25.2 ug/L 101 70 - 130 1,1,2,2-Tetrachloroethane 25.0 25 6 ug/L 102 70 . 130 Tetrachloroethene 25.0 24.9 ug/L 99 78 - 120 Toluene 1,2,3-Trichlorobenzene 25.0 23.8 ug/L 95 70 - 130

95 70 - 130 1.2.4-Trichlorobenzene 25.0 23.9 ug/L 25.0 25.2 ug/L 101 70 - 130 1,1,1-Trichloroethane 103 25.8 70 _ 130 1,1,2 Trichloroethane 25.0 ug/L 98 70 - 130 Trichloroethene 25.0 24.6 ug/L 25.0 25.0 ug/L. 100 66 - 132 Trichlorofluoromethane

22 9 92 70 - 130 1,2,3-Trichloropropane 25.0 ug/L 25.0 23.9 96 42 - 162 ug/L 1,1,2-Trichloro-1,2,2-trifluoroetha ne 1,2,4-Trimethylbenzene 25.0 25.1 ug/L 100 70 - 132 1,3,5-Trimethylbenzene 25.0 25.2 ug/L 101 70 - 130

54.0 216 43 - 163 Vinvl acetate 25.0 ug/L ug/L 25.0 25.4 102 54 - 135 Vinyl chloride 100 70 - 142 50 D 50.2 ug/L m-Xylene & p-Xylene 70 - 130 o-Xylene 25.0 25.7 ug/L 103 25.0 26.6 ug/L 106 70 - 140 2,2-Dichloropropane

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

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

Lab Sample ID: LCS 720-124534/5

Matrix: Water

Analysis Batch: 124534

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene
 98
 67 - 130

 1,2-Dichloroethane-d4 (Surr)
 94
 75 - 138

 Toluene-d8 (Surr)
 100
 70 - 130

Lab Sample ID: LCS 720-124534/7

Matrix: Water

Analysis Batch: 124534

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

 Spike
 LCS
 LCS
 LCS
 %Rec.

 Analyte
 Added
 Result
 Qualifier
 Unit
 D
 %Rec
 Limits

 Gasoline Range Organics (GRO)
 500
 530
 ug/L
 106
 62 - 120

-C5-C12

 Surrogate
 %Recovery
 Qualifier
 Limits

 4-Bromofluorobenzene
 104
 67 - 130

 1,2-Dichloroethane-d4 (Surr)
 97
 75 - 138

 Toluene-d8 (Surr)
 100
 70 - 130

Lab Sample ID: LCSD 720-124534/6

Matrix: Water

Analysis Batch: 124534

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Batch: 124534	L-10.11	1000 1000			0/ D		222
San San San San San San San San San San	Spike	LCSD LCSD			%Rec.		RPD
Analyte	Added	Result Qualifier	Unit	D %R		RPD	Limit
Methyl tert-butyl ether	25.0	26.2	ug/L		05 62 - 130	2	20
Acetone	125	128	ug/L		02 26 - 180	5	30
Benzene	25.0	25.2	ug/L		01 79 - 130	1	20
Dichlorobromomethane	25 0	27.1	ug/L		08 70 - 130	2	20
Bromobenzene	25.0	25.9	ug/L	10	04 70 - 130	2	20
Chlorobromomethane	25.0	26.4	ug/L	10	05 70 - 130	1	20
Bromoform	25.0	26.4	ug/L	10	06 68 - 136	4	20
Bromomethane	25.0	27.3	ug/L	10	09 43 - 151	1	20
2-Butanone (MEK)	125	132	ug/L	10	06 54 - 130	8	20
n-Butylbenzene	25.0	25.0	ug/L	10	00 70 - 142	1	20
sec-Butylbenzene	25.0	25.2	ug/L	10	01 70 - 134	0	20
tert-Butylbenzene	25.0	25.4	ug/L	10	02 70 - 135	2	20
Carbon disulfide	25.0	27.7	ug/L	11	11 58 - 130	2	20
Carbon tetrachloride	25.0	24.9	ug/L	9	99 70 - 146	1	20
Chlorobenzene	25.0	25.9	ug/L	10	04 70 - 130	3	20
Chloroethane	25.0	27.0	ug/L	10	08 62 - 138	1	20
Chloroform	25.0	25.2	ug/L	10	01 70 - 130	0	20
Chloromethane	25.0	25.4	ug/L	10	02 52 - 175	4	20
2-Chlorotoluene	25.0	26.2	ug/L	10	05 70 - 130	2	20
4-Chlorotoluene	25.0	25.7	ug/L	10	03 70 - 130	2	20
Chlorodibromomethane	25.0	28.5	ug/L	1:	14 70 - 145	4	20
1,2-Dichlorobenzene	25.0	26.4	ug/L	10	06 70 - 130	2	20
1,3-Dichlorobenzene	25.0	26.5	ug/L	10	06 70 - 130	.2	20
1,4-Dichlorobenzene	25.0	26.6	ug/L	10	06 70 - 130	2	20
1,3-Dichloropropane	25.0	26.6	ug/L	10	70 - 130	1	20
1,1-Dichloropropene	25.0	25.1	ug/L	10	00 70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	23.6	ug/L	9	94 70 - 136	3	20

TestAmerica Pleasanton 11/5/2012

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

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

Lab Sample ID: LCSD 720-124534/6

Matrix: Water

Analysis Batch: 124534

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Batch: 124534	Spike	LCSD	LCSD		%Rec.		RPD
Analyte	Added	Result	Qualifier Unit	D %Rec	Limits	RPD	Limit
Ethylene Dibromide	25.0	26.6	ug/L	107	70 - 130	1	20
Dibromomethane	25.0	25.4	ug/L	102	70 - 130	4	20
Dichlorodifluoromethane	25.0	18.4	ug/L	74	34 - 132	8	20
1,1-Dichloroethane	25.0	25.7	ug/L	103	70 - 130	1	20
1,2-Dichloroethane	25.0	25.8	ug/L	103	61 - 132	1	20
1,1-Dichloroethene	25.0	21.6	ug/L	86	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	26.3	ug/L	105	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	25.1	ug/L	100	68 - 130	2	20
1,2-Dichloropropane	25.0	27.2	ug/L	109	70 - 130	4	20
cis-1,3-Dichloropropene	25.0	28.3	ug/L	113	70 - 130	0	20
trans-1,3-Dichloropropene	25.0	27.1	ug/L	108	70 - 140	0	20
Ethylbenzene	25.0	24.8	ug/L	99	80 - 120	2	20
Hexachlorobutadiene	25.0	22.9	ug/L	92	70 - 130	0	20
2-Hexanone	125	131	ug/L	105	60 - 164	7	20
Isopropylbenzene	25.0	25.9	ug/L	104	70 - 130	2	20
4-isopropyltoluene	25.0	24.6	ug/L	98	70 - 130	1	20
Methylene Chloride	25.0	25.7	ug/L	103	70 - 147	0	20
4-Methyl-2-pentanone (MIBK)	125	134	ug/L	107	58 - 130	4	20
Naphthalene	25.0	24.5	ug/L	98	70 - 130	6	20
N-Propylbenzene	25.0	25.9	ug/L	104	70 - 130	3	20
Styrene	25.0	24.5	ug/L	98	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	25.9	ug/L	104	70 - 130	4	20
1,1,2,2-Tetrachloroethane	25.0	25.6	ug/L	102	70 - 130	2	20
Tetrachloroethene	25.0	25.6	ug/L	102	70 - 130	0	20
Toluene	25.0	25.3	ug/L	101	78 - 120	2	20
1,2,3-Trichlorobenzene	25.0	24.8	ug/L	99	70 - 130	4	20
1,2,4-Trichlorobenzene	25.0	24.7	ug/L	99	70 - 130	4	20
1,1,1-Trichloroethane	25.0	25.1	ug/L	100	70 - 130	1	20
1,1,2-Trichloroethane	25.0	26.7	ug/L	107	70 - 130	4	20
Trichloroethene	25 0	24.8	ug/L	99	70 - 130	. 1	20
Trichlorofluoromethane	25.0	24.3	ug/L	97	66 - 132	3	20
1,2,3-Trichloropropane	25.0	25.5	ug/L	102	70 - 130	11	20
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	22.9	ug/L	92	42 - 162	4	20
ne							
1,2,4-Trimethylbenzene	25.0	25.2	ug/L	101	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	25.2	ug/L	101	70 - 130	0	20
Vinyl acetate	25.0	54.6	* ug/L	218	43 - 163	1	20
Vinyl chloride	25.0	25.4	ug/L	102	54 - 135	0	20
m-Xylene & p-Xylene	50.0	51.2	ug/L	102	70 - 142	2	20
o-Xylene	25,0	26.3	ug/L	105	70 - 130	3	20
2,2-Dichloropropane	25.0	26.2	ug/L	105	70 - 140	2	20

LCSD LCSD

Surrogate	%Recovery C	Qualifier	Limits
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	94		75 - 138
Toluene-d8 (Surr)	99		70 - 130

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

Matrix: Water

Lab Sample ID: LCSD 720-124534/8

Analysis Batch: 124534

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

LCSD LCSD %Rec. RPD Spike Result Qualifier RPD Limit Added D %Rec Limits Unit 104 62 - 120 2 20 500 520 ug/L Gasoline Range Organics (GRO) -C5-C12

LCSD LCSD %Recovery Qualifier Surrogate Limits 67 - 130 4-Bromofluorobenzene 101 1,2-Dichloroethane-d4 (Surr) 95 75 - 138 Toluene-d8 (Surr) 99 70 - 130

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

QC Association Summary

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

GC/MS VOA

Analysis Batch:	124534
-----------------	--------

Lab Sample ID	Client Sample ID	Prep 1		Matrix	Method	Prep Batch	
720-45615-1	CG-3		Total/NA	Water	8260B/CA_LUFT		
					MS		
720-45615-2	CG-4		Total/NA	Water	8260B/CA_LUFT		
					MS		
720-45615-3	CG-5		Total/NA	Water	8260B/CA_LUFT		
					MS		
720-45615-4	CG-6		Total/NA	Water	8260B/CA_LUFT		
					MS		
720-45615-5	DUP-1		Total/NA	Water	8260B/CA_LUFT		
					MS		
720-45615-6	TB-1		Total/NA	Water	8260B/CA_LUFT		
					MS		
LCS 720-124534/5	Lab Control Sample		Total/NA	Water	8260B/CA_LUFT		
					MS		
LCS 720-124534/7	Lab Control Sample		Total/NA	Water	8260B/CA_LUFT		
					MS		
LCSD 720-124534/6	Lab Control Sample Dup		Total/NA	Water	8260B/CA_LUFT		
					MS		
LCSD 720-124534/8	Lab Control Sample Dup		Total/NA	Water	8260B/CA_LUF T		
					MS		
MB 720-124534/4	Method Blank	Dell'intere	Total/NA	Water	8260B/CA_LUFT		
					MS		

TestAmerica Pleasanton 11/5/2012

Lab Chronicle

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

Lab Sample ID: 720-45615-1

Lab Sample ID: 720-45615-2

Lab Sample ID: 720-45615-3

Lab Sample ID: 720-45615-4

Lab Sample ID: 720-45615-5

Lab Sample ID: 720-45615-6

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Matrix: Water

Client Sample ID: CG-3 Date Collected: 10/26/12 11:25

Date Received: 10/26/12 18:30

Prep Type Total/NA

Batch Type Analysis Batch Method 8260B/CA_LUFTMS Dilution Factor

Run

Run

Batch Number 124534

Prepared or Analyzed 11/03/12 00:19

Analyst AC

Lab TAL SF

Client Sample ID: CG-4

Date Collected: 10/26/12 12:45

Date Received: 10/26/12 18:30 Batch

Type Analysis Batch Method 8260B/CA_LUFTMS Dilution Factor

Batch Number 124534

Prepared or Analyzed 11/03/12 00:48

Analyst AC

Lab TAL SF

Client Sample ID: CG-5

Date Collected: 10/26/12 13:15

Date Received: 10/26/12 18:30

Prep Type Total/NA

Prep Type

Total/NA

Batch Type Analysis Batch Method 8260B/CA_LUFTMS

Dilution Factor Run

Run

Run

Batch Number 124534

Prepared or Analyzed 11/03/12 01:17

Analyst AC

Lab TAL SF

Client Sample ID: CG-6

Date Collected: 10/26/12 16:30 Date Received: 10/26/12 18:30

Prep Type Total/NA

Type Analysis

Batch

Method 8260B/CA_LUFTMS

Batch

Dilution Factor

Batch Number 124534

Prepared or Analyzed 11/03/12 01:46

Analyst AC

Lab TAL SF

Client Sample ID: DUP-1

Date Collected: 10/26/12 11:45 Date Received: 10/26/12 18:30

Prep Type Total/NA

Batch Type Analysis Batch Method 8260B/CA_LUFTMS Dilution Factor

Batch Number 124534

Prepared or Analyzed 11/03/12 02:14

Analyst AC

Lab TAL SF

Client Sample ID: TB-1

Date Collected: 10/26/12 08:00 Date Received: 10/26/12 18:30

Batch Prep Type Total/NA

Type Analysis Batch Method 8260B/CA_LUFTMS

Run

Dilution Factor

Batch Number 124534

Prepared or Analyzed 11/02/12 22:24

Analyst AC

Lab TAL SF

Laboratory References:

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

Certification Summary

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

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

TestAmerica Pleasanton 11/5/2012

Page 23 of 27

Method Summary

Client: Engeo, Inc.

8260B/CA_LUFTM

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

Laboratory

TAL SF

Protocol

Method Description

8260B / CA LUFT MS SW846

S

Method

Protocol References:

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

Laboratory References

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

1

Sample Summary

Client: Engeo, Inc.

Project/Site: Crown Chevrolet

TestAmerica Job ID: 720-45615-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-45615-1	CG-3	Water	10/26/12 11:25	10/26/12 18:30
720-45615-2	CG-4	Water	10/26/12 12:45	10/26/12 18:30
720-45615-3	CG-5	Water	10/26/12 13:15	10/26/12 18:30
720-45615-4	CG-6	Water	10/26/12 16:30	10/26/12 18:30
720-45615-5	DUP-1	Water	10/26/12 11:45	10/26/12 18:30
720-45615-6	TB-1	Water	10/26/12 08:00	10/26/12 18:30

5

7

9

12

1.

- 0 0 4 6 6 - 0 9 - - 4 6 3

720.45615 CHAIN OF CUSTODY RECORD PROJECT NUMBER:
9432,000,000
SAMPLED BY: (SIGNATURE/PRINT) 141899 PROJECT NAME-VOG TTPM SELL Crown chevrolet Cadillac Isure Scott Johns PROJECT MANAGER: ROUTING: E-MAIL sighns@engep.com REMARKS REQUIRED DETECTION LIMITS SAMPLE NUMBER NUMBER OF CONTAINER MATRIX PRESERVATIVE CONTAINERS 10/26/12 11125 124 Helles VOA 66-4 1245 X 1345 X 16:30 X 11 45 X TB-1 8:00 X 27 ō Page 26 o RELINQUISHED BY: (SIGNATURE) DATE/TIME RECEIVED BY: (SIGNATURE) RELINQUISHED BY: (SIGNATURE) 10/2412 18:30 RECEIVED BY: (SIGNATURE) RELINQUISHED BY: (SIGNATURE) RECEIVED BY: (SIGNATURE) RELINQUISHED BY: (SIGNATURE) DATE/TIME RECEIVED BY: (SIGNATURE) RELINQUISHED BY: (SIGNATURE) RECEIVED FOR LABORATORY BY: (SIGNATURE) DATE/TIME DATE/TIME 10-26-12 1830 **EN** GEO 6399 SAN IGNACIO AVENUE, SUITE 150 SAN JOSE, CALIFORNIA 95119 (408) 574-4900 FAX (888) 279-2698 INCORPORATED WWW.ENGEO.COM DISTRIBUTION: ORIGINAL ACCOMPANIES SHIPMENT: COPY TO PROJECT FIELD FILES

Login Sample Receipt Checklist

Client: Engeo, Inc.

Job Number: 720-45615-1

Login Number: 45615

.

List Number: 1

List Source: TestAmerica Pleasanton

Creator: Apostol, Anita

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



APPENDIX C

Data Quality Review



DATA QUALITY REVIEW

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

March 25, 2013 Project OD10160070

This Data Quality Review appendix was prepared by the staff of AMEC under the supervision of the project Data Quality Manager whose signature appears hereon.

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

Margaret K. (Peggy) Peischl, PE

Senior Associate Engineer

AMEC Environment & Infrastructure, Inc.



TABLE OF CONTENTS

		Page
1.0	INTRODUCTION	1
2.0	FIRST QUARTER 2013 GROUNDWATER MONITORING 2.1 DATA ACCURACY 2.1.1 Spiked Compounds 2.1.2 Surrogate Recoveries 2.1.3 Method Blanks 2.1.4 Trip Blanks 2.1.5 Other Factors 2.2 DATA PRECISION 2.3 DATA COMPLETENESS	122222
3.0	OCTOBER 2012 GROUNDWATER INVESTIGATION 3.1 DATA ACCURACY 3.1.1 Spiked Compounds 3.1.2 Surrogate Recoveries 3.1.3 Method Blanks 3.1.4 Trip Blanks 3.1.5 Other Factors 3.2 DATA PRECISION 3.3 DATA COMPLETENESS	
4.0	SUMMARY OF GROUNDWATER DATA QUALITY REVIEW	4
5.0	REFERENCES	5

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 and 6707 Golden Gate Drive
Dublin, California

1.0 INTRODUCTION

AMEC Environment & Infrastructure, Inc. (AMEC), evaluated the analytical data from AMEC's first quarter 2013 groundwater monitoring sampling event, and ENGEO's October 2012 off-site grab groundwater investigation (ENGEO, 2013) using guidelines set forth in the U.S. Environmental Protection Agency's (EPA's) *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (National Functional Guidelines U.S. EPA, 2008).

The data quality review also included a data completeness check of the data packages, a transcription check of sample results, and a review of all laboratory reporting forms. Qualified data are included in the data summary tables in the main body of this report (with the exception of analytes that have not been detected at the site, which are not tabulated). Data qualifiers for AMEC's First Quarter 2013 Groundwater Monitoring sampling event and ENGEO's October 2012 *Groundwater Investigation* report are hand-written onto the laboratory analytical reports in Appendix B.

2.0 FIRST QUARTER 2013 GROUNDWATER MONITORING

Quality assurance procedures for groundwater samples collected during AMEC's first 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-1 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.

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

Acetone was reported in samples MP-01-2 and MP-03-2, from the second water-bearing zone. Acetone is not a constituent of concern at the site. Acetone was not detected in the laboratory method blank, but is a common laboratory contaminant. However, acetone was not detected in the first water-bearing zone during the January 2013 or September 2012 sampling events and the results may therefore represent valid detections in the second water-bearing zone. Results for acetone have not been qualified.

2-Hexanone was reported in samples MP-01-2, MP-01-3, MP-03-2 and MP-04-2, from the second and third water-bearing zones at the site. 2-Hexanone is not a constituent of concern at the site. 2-Hexanone was not detected in the laboratory method blank, but is a common laboratory contaminant. However, 2-hexanone was not detected in the first water-bearing zone during the January 2013 or September 2012 sampling events and the results may therefore represent valid detections in the second water-bearing zone. Results for 2-hexanone have not been qualified.

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:

The percent complete for groundwater sample data collected during the First Quarter 2013 Groundwater Monitoring sampling event is 100 percent, with the exception of the gasoline range organics results, where the percent complete is 88 percent.

3.0 OCTOBER 2012 GROUNDWATER INVESTIGATION

Quality assurance procedures for groundwater samples collected during ENGEO's October 2012 off-site groundwater investigation included the collection and analysis of one blind field duplicate 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 CG-3 and labeled as Dup-1.

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 and LCSD 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 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 similar a concentration to PCE in all groundwater samples (CG-3, CG-4, CG-5, CG-6 and Dup-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.

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, 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 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:

The percent complete for groundwater sample data collected during ENGEO's October 2012 Groundwater Investigation is 100 percent, with the exception of the gasoline range organics results, where the percent complete is 0 (zero) percent.

4.0 SUMMARY OF GROUNDWATER DATA QUALITY REVIEW

Based on an evaluation of data quality for samples collected during both AMEC's first quarter 2013 groundwater monitoring event and ENGEO's October 2012 off-site groundwater sampling event, the majority of analytical results are valid and useable, with the exception of the rejected results. The data are acceptable and can be used for decision-making purposes; however, the limitations identified by the applied qualifiers should be considered when using the data.



5.0 REFERENCES

- ENGEO, 2013, Groundwater Investigation, Crown Chevrolet Cadillac Isuzu, 7544 Dublin Boulevard and 6707 Golden Gate Drive Fuel Leak Case No. RO0003014, Dublin, California, January 4.
- U.S. Environmental Protection Agency, 2008, USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, EPA-540-R-08-01, June.



TABLE C-1

SUMMARY OF PRECISION DATA FOR ANALYSIS OF GROUNDWATER FIELD DUPLICATE SAMPLES

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

Primary Sample ID	Duplicate Sample ID	Collection Date	Compound ¹	Units	Reporting Limit	Primary Sample Result	Duplicate Sample Result	RPD ²	Absolute Difference Between Sample Results ³
Groundwater									
MW-01	MW-100	1/29/2013	Tetrachloroethene	μg/L	0.50	160	160	0%	NA
			Trichloroethene	μg/L	0.50	1.1	1.1	0%	NA
CG-3	Dup-1	10/26/2012	Tetrachloroethene	μg/L	0.50	100	120	18%	NA
			Trichloroethene	μg/L	0.50	0.66	0.59	NA	0.07

Notes

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

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

Where S_1 , is the sample concentration and S_2 is the blind duplicate sample concentration.

3. The RPD is not applicable when the sample results are less than two times (organics) or five times (inorganics) the reporting limit. In those cases, duplicate results are acceptable when the absolute difference between the results is less than the reporting limit. When a compound was detected in one duplicate sample, but was not detected at or above the laboratory reporting limit in the other sample, then the results are acceptable when the absolute difference between the detected result and the reporting limit is less than the reporting limit.

<u>Abbreviations</u>

 μ g/L = micrograms per liter

NA = not applicable