A·C·C ENVIRONMENTAL CONSULTANTS
An Employee Owned Company

October 24, 2011

Mr. Gerald Shirar
Maria P. Shirar Trust
7215 Pleasant Valley Road
Vacaville, California 95688

RE: Alameda County Groundwater Monitoring Compliance Report
Roy Anderson Paints - 3080 Broadway, Oakland, California
ACC Project Number 6989-001.00

Dear Mr. Shirar:

ACC Environmental Consultants, Inc., (ACC) has enclosed a copy of the Alameda County Groundwater Monitoring Compliance Report for the property located at 3080 Broadway, Oakland, California. On your behalf, ACC will forward a copy of this report to Alameda County Environmental Health for review and the report will be electronically uploaded to Geotracker as required.

If you have any questions regarding this report or the findings of the work, please contact me at (510) 638-8400, extension 118 or email me at gsantos@accenv.com

Sincerely,

Gwen Santos
Project Scientist

Enclosures

A·C·C
ENVIRONMENTAL
CONSULTANTS
An Employee Owned Company

ALAMEDA COUNTY GROUNDWATER COMPLIANCE REPORT

Roy Anderson Paints
3080 Broadway
Oakland, California

ACC Project Number 6988-001.00

Prepared for:

Mr. Gerald Shirar
Maria P. Shirar Trust
7215 Pleasant Valley Road
Vacaville, California 95688

October 24, 2011

Prepared By: _____
Gwen Santos
Project Scientist

Reviewed By: _____
Misty Kaltreider
Engineering Geologist

Northern California: 7977 Capwell Drive, Suite 100 • Oakland, CA 94621 • (510) 638-8400 • Fax (510) 638-8404
Southern California: 1055 Wilshire Blvd., Suite 1450, Los Angeles, CA 90017 • (213) 353-1240 • Fax (213) 353-1244

TABLE OF CONTENTS

FIGURES

APPENDICES

ALAMEDA COUNTY GROUNDWATER COMPLIANCE

Roy Anderson Paints
3080 Broadway
Oakland, California

1.0 INTRODUCTION

This Groundwater Compliance Report for the well monitoring event conducted on September 12, 2011 was prepared by ACC Environmental Consultants, Inc., (ACC) at the request of the Maria P. Shirar Trust, to describe work performed at 3080 Broadway, Oakland, California (Site). The project objective was to evaluate and monitor the degree of groundwater impact from previous underground storage of petroleum hydrocarbons.

2.0 BACKGROUND

The site is located at 3080 Broadway in Oakland, California, on the southeast side of Broadway at the intersection of Broadway and Brook Street, and south of Interstate 580. The site is mostly a rectangular shaped property, and is currently occupied by Auto Upholstery & Glass. A 350-gallon waste oil Underground Storage Tank (UST) was removed in May 1993 at which time two (2) small holes were detected. One (1) groundwater monitoring well was installed in July 1994 and one (1) groundwater sample was collected during this event. One additional monitoring event occurred in July 1994 at which time petroleum hydrocarbons were detected in the groundwater. No additional monitoring events are on record.

2.1 Previous Site Investigations

May 1993: Versar, Inc. (Versar) prepared an *Underground Storage Tank Closure* Report dated October 12, 1993. This report documents the tank removal activities. During the tank removal, two (2) small holes were revealed and product was observed in the excavation. Sample analysis revealed concentrations of total oil & grease (140 mg/kg) and TPH – diesel (23 mg/kg) at a depth of 8' below ground surface (bgs) in soil samples at the time of the removal.

July 1994: All West Environmental, Inc. prepared a *Groundwater Monitoring Well* Report dated July 24, 2994. One (1) groundwater monitoring well was installed east/southeast of the former tank excavation on July 5, 1994. The well was completed to 40 feet bgs and screened from 18 to 40 feet bgs. Soil samples were collected during well construction. The soil samples were collected at depth intervals of 21' and 26' bgs and no concentrations of petroleum hydrocarbons were detected. On July 11, 1994, (1) groundwater sample was collected from the well. The groundwater sample had detections of TPH-gasoline (480 µg/L) and Benzene (8 µg/L).

All historical sampling information was derived from the State Water Resources Control Board website, GeoTracker (http://geotracker.swrcb.ca.gov/) and the Alameda County Environmental Health Services (http://ehgis.acgov.org/dehpublic/dehpublic.jsp) Case File Review for Leak Case no. RO0000140, Global ID: T0600101621.

3.0 GROUNDWATER RESULTS

Blaine Tech Services conducted groundwater monitoring and sampling of MW-1 on September 12, 2011. Work included measuring depth to water from the well, subjectively evaluating groundwater in the well, and purging and sampling the well in preparation for laboratory analysis. General field procedures followed during the event are attached in Appendix 2.

3.1 Well Development and Groundwater Monitoring

The monitoring well was not sampled or monitored following the initial work in 1994. Therefore, the well was redeveloped prior to sampling and monitoring. On September 7, 2011, the well was developed by bailing and removing approximately 10 well volumes. Water quality parameters (water depth, total well depth, temperature, pH, conductivity, turbidity, volume removed were monitored during development.

On September 12, 2011, before groundwater sampling, the depth to the surface of the water table was measured from the top of the well casing using a Solinist water level meter. The water level measurements were recorded to the nearest 0.01-foot with respect to mean sea level (MSL). The well was purged for approximately 3 well volumes prior to collecting a sample for analysis. Information regarding well elevations and groundwater levels is summarized in Table 2 included in Appendix 1. The well monitoring worksheets for the event are included in Appendix 2.

3.2 Groundwater Gradient

The groundwater flow direction is estimated to be to the south/southeast (Versar 1993 via verbal communication with Alameda County Department of Health Services, 1993). Due to the existence of only one (1) well on site, ACC could not verify the groundwater flow direction or gradient.

4.0 RESULTS OF GROUNDWATER SAMPLING

Samples were submitted to TestAmerica, for analysis of Volatile Fuel Hydrocarbons, BTEX, Chlorinated Hydrocarbons, Lead Scavengers, Diesel Range Organics, Oil & Grease, Metals, Polychlorinated Biphenyls (PCBs), Pentachlorophenol (PCP), Polynuclear Aromatics (PNAs), Creosote, and 1,4-Dioxane. Analytical results from the groundwater samples are summarized in Table 1 in Appendix 1. A copy of the analytical results and chain of custody is included in Appendix 2.

The analysis methods that were originally requested per the Case File Review Letter were discovered to be older methods. ACC contacted Karel Detterman regarding this matter and received approval to use the current array of methods for groundwater analysis.

5.0 DISCUSSION

Groundwater sampling analysis indicates there are elevated levels of Diesel Range Organics (TPH-d), Gasoline Range Organics (TPH-g), Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX), Naphthalene, Cadmium, Chromium, Nickel, Lead, and Zinc all exceeding the Regional Water Quality Control Board's Environmental Screening Levels (ESLs) for Groundwater that is not a Current or Potential Source of Drinking Water. Additionally, Benzene, Chromium, Lead and Zinc concentrations exceeded the EPA Region 9 Preliminary Remediation Goals (PRGs).

The following target constituents were also detected, however, they were not in exceedance of their respective screening level criteria: n-Butylbenzene, sec-Butylbenzene, 1,2-Dichloroethane, Isopropylbenzene, 4-Isopropyltoluene, n-Propylbenzene, 1,2-Trimethylbenzene, 1,3,5-Trimethylbenzene, TBA, DIPE, and Naphthalene (detected as an SVOC).

Groundwater flow is primarily to the southeast as was measured during the investigation in July 1994 (All West Environmental, Inc.).

6.0 CONCLUSIONS

Based on groundwater-monitoring events conducted for 2011, ACC has made the following conclusions:

- No free product or sheen was observed on the groundwater during this sampling event.

- Elevated petroleum hydrocarbons, BTEX, metals, and Naphthalene were reported in the monitoring well.
- The extent of impact from the former underground storage tank is not defined.

7.0 RECOMMENDATIONS

Based on the groundwater monitoring results, observations made in wells MW-1, ACC recommends the following:

- Prepare a Work Plan to conduct a subsurface investigation to define the vertical and lateral extent of impact. The investigation should include performing soil borings and installing additional monitoring wells to evaluate the impact in soil and groundwater.

- In addition, a sensitive receptor survey should be conducted to evaluate potential receptors nearby the site.

- Groundwater monitoring and sampling should continue on a semiannual basis to evaluate the trend of groundwater quality over time.

8.0 LIMITATIONS

The service performed by ACC has been conducted in a manner consistent with the levels of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area. No other warranty, expressed or implied, is made.

The conclusions presented in this report are professional opinions based on the indicated data described in this report and applicable regulations and guidelines currently in place. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study.

ACC has included analytical results from a state-certified laboratory, which performs analyses according to procedures suggested by the U.S. Environmental Protection Agency and the State of California. ACC is not responsible for laboratory errors in procedure or result reporting.

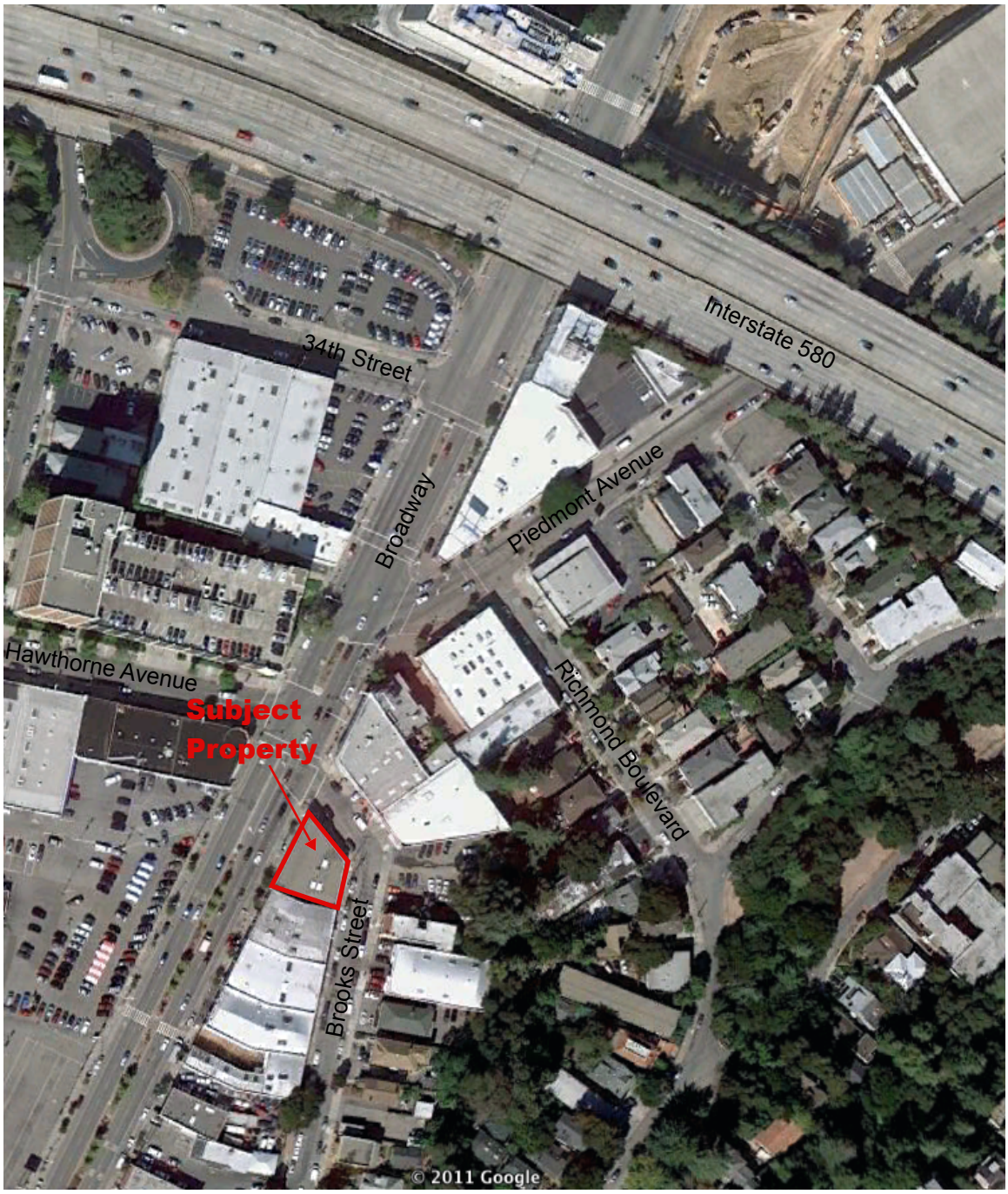
Subject: Perjury statement.

To: Alameda County Environmental Helth

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

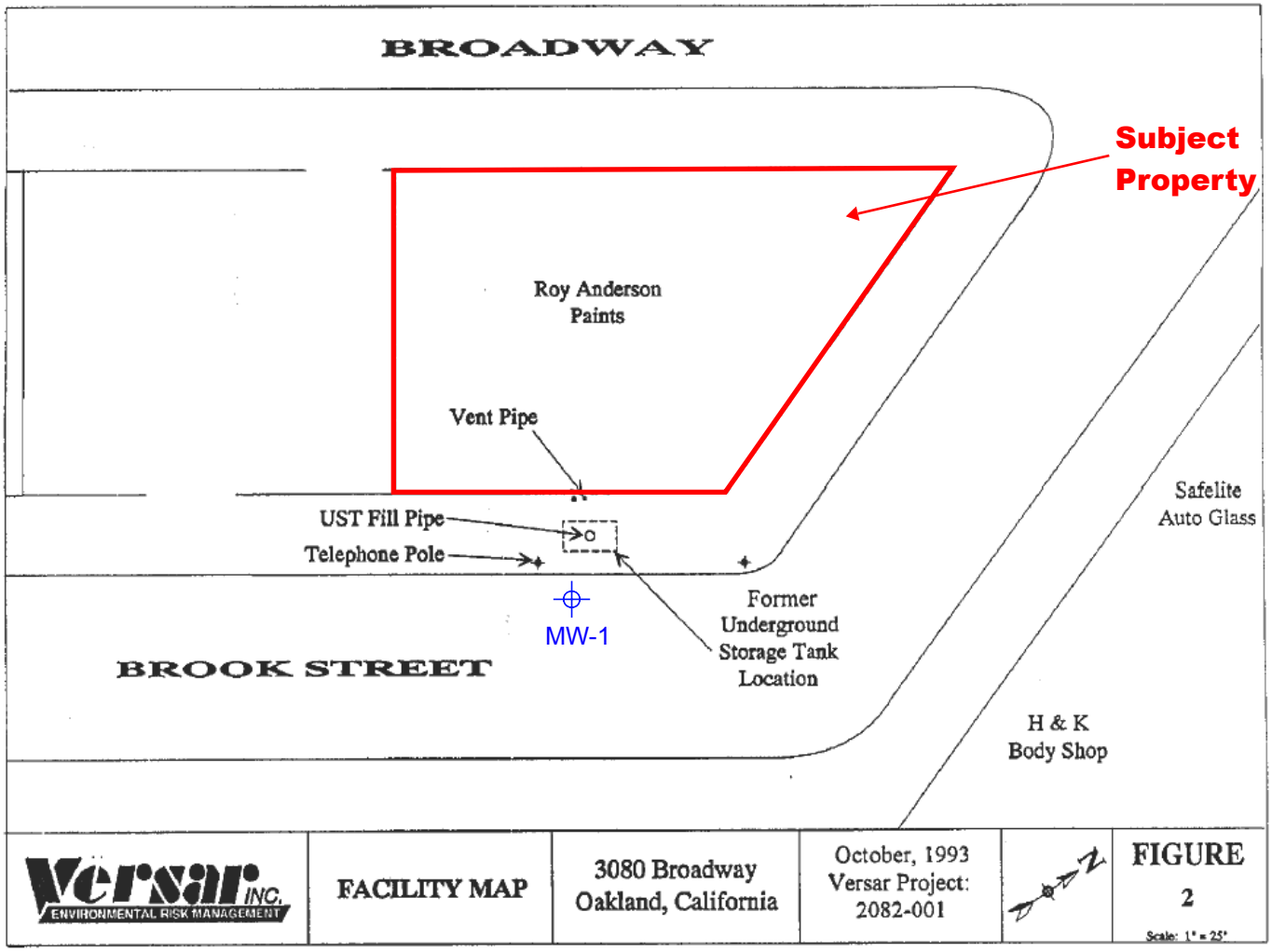
Gerald Shirar

Owner of 3080 Broadway Oakland Ca.



Source: Google Earth, 2011

Title ***Location Map 3080 Broadway Oakland, California***	
Figure Number: 1	Scale: None
Project Number: 6989-001.00	Drawn By: GS
A·C·C ENVIRONMENTAL CONSULTANTS An Employee Owned Company	Date: 10/20/11
	N W E S



Source: Versar Inc. 1993

⊕ Monitoring Well Location

Title: ***Site Plan 3080 Broadway Oakland, California***	
Project Number: 6989-001.00	Scale: None
Figure Number: 2	Drawn By: GS
	Date: 10/20/11

A·C·C ENVIRONMENTAL CONSULTANTS
An Employee Owned Company

TABLE 1
Groundwater Analytical Summary Table
3080 Broadway
Oakland, California
6989-001.00

Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations (ug/L)																								
			Volatile Fuel Hydrocarbons																	SVOCs			Metals				
			TPH-d	TPH-g	Benzene	n-Butylbenzene	sec-Butylbenzene	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	4-Isopropyltoluene	Naphthalene	N-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes	TBA	DIPE	Naphthalene	PCBs	Total Oil & Grease	Cadmium	Chromium	Nickel	Lead	Zinc
MW-1	12-Sep-11	Water	470	3900	1000	6.6	2.8	2.3	330	20	1.2	98	42	200	170	46	820	440	92	9.2	<0.52	<5200	4.2	130	180	20	180
MW-1	7/11/94	Water	<50	480	8.00	N/A	N/A	N/A	2.40	N/A	N/A	N/A	N/A	6.10	N/A	N/A	8.30	N/A	N/A	N/A	N/A	<0.05	N/A	N/A	N/A	N/A	N/A
****ESLs - Final Groundwater Sccreening Level**	**Groundwater is not a Current or Potential Source of Drinking Water**	**Water**	**210**	**210**	**46**	**NA**	**NA**	**200**	**43**	**NA**	**NA**	**24**	**NA**	**130**	**NA**	**NA**	**100**	**18000**	**NA**	**24**	**0.01**	**NA**	**0.25**	**11**	**8.2**	**2.5**	**81**
PRG's	**MCLs**	**Water**	**NA**	**NA**	**5**	**NA**	**NA**	**5**	**700**	**NA**	**NA**	**NA**	**NA**	**1000**	**NA**	**NA**	**10000**	**NA**	**NA**	**NA**	**0.5**	**NA**	**5**	**100**	**NA**	**15**	**NA**

Notes

***ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008), where groundwater is NOT a source of Drinking Water*

PRGs=EPA Region 9 Preliminary Remediation Goal November 2009) *MCLs=Maximum Contaminant Levels*

[1]Metals analysis for these samples was run on unfiltered groundwater.

Shaded Values Exceed Their Respective Criteria

NA= Not Applicable

N/A= Not Analyzed

ND= None Detected

TABLE 2
Historical Soil Analytical Summary Table
3080 Broadway
Oakland, California
ACC Project Number: 6989-001.00

Boring ID & Depth (feet bgs)	Sampling Date	Matrix	Constituents & Concentrations (mg/kg)						
			TPHg	TPH-d	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total Oil and Grease
3080-CTR2 (6')	10-May-93	Soil (mg/kg)	1	<10	<0.003	<0.003	0.004	0.023	130
3080-CTR3 (8')	10-May-93	Soil (mg/kg)	<1	23	<0.003	<0.003	<0.003	<0.009	140
MW-1-21 (21')	12-Jul-94	Soil (mg/kg)	<1	<1	<0.005	<0.005	<0.005	<0.005	<10
MW-1-26 (26')	12-Jul-94	Soil (mg/kg)	<1	<1	<0.005	<0.005	<0.005	<0.005	<10
****ESLs - Residential (unrestricted site usage)**	**Shallow Soil (≤ 3 m)**	**Soil (mg/kg)**	**83**	**83**	**0.044**	**2.9**	**2.3**	**2.3**	**NA**
	Deep Soil (>3 m)	**Soil (mg/kg)**	**83**	**83**	**0.044**	**2.9**	**3.3**	**2.3**	**NA**
****ESLs - Commercial site usage**	**Shallow Soil (≤ 3 m)**	**Soil (mg/kg)**	**83**	**83**	**0.044**	**2.9**	**3.3**	**2.3**	**NA**
	Deep Soil (>3 m)	**Soil (mg/kg)**	**83**	**83**	**0.044**	**2.9**	**3.3**	**2.3**	**NA**
PRG's	**Residential**	**Soil (mg/kg)**	**NA**	**NA**	**1.10**	**5,000**	**5.7**	**600**	**NA**
	Commercial	**Soil (mg/kg)**	**NA**	**NA**	**5.6**	**46,000**	**29**	**2,600**	**NA**
California Human Health Screening Levels (CHHSLS)	**Residential**	**Soil (mg/kg)**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**
	Commercial	**Soil (mg/kg)**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Notes

***ESLs = Bay Area Regional Water Quality Control Board Environmental Screening Levels (Interim Final May 2008), where groundwater is NOT a source of Drinking Water*

PRGs=EPA Region 9 Preliminary Remediation Goal (April 2009)

CHHSLs = California Human Health Screening Levels for Soil, Cal EPA (January 2005) (Lead Revision September 2009)

Shaded Values Exceed Their Respective Criteria (Pink Residential/Blue Commerical)

ND= None Detected

A·C·C
ENVIRONMENTAL
CONSULTANTS
An Employee Owned Company

General Field Procedures
Groundwater Monitoring Procedures

Pre Site Visit Preparation

Contact site representative, other consultant contacts for joint monitoring projects, subcontractors, appropriate regulators, and all other necessary to schedule date and time of monitoring event at specific Sites. Review contract agreements, equipment supply lists and specific project tasks before scheduled event.

Fluid Level Measurements

Locate and open all of the monitoring wells at the Site for approximately 10 to 15 minutes allowing the monitoring well to equilibrate for an accurate water level reading. Utilizing a field worksheet for each monitoring well, note the site-specific information, date, time, monitoring well numbers, monitoring well casing size, and the condition of the monitoring well casings. Select the order of monitoring well sampling starting with the monitoring well with the lowest concentrations of constituents of concern moving to the monitoring wells with the highest concentrations of constituents of concern.

Fluid levels in each monitoring well are measured using an electric interface probe (Solinist), which distinguishes between liquid phase hydrocarbon (LPH) and water. The depths to LPH, to water and to the bottom of the monitoring well are all measured from the top of the monitoring well casing to the nearest hundredth (0.01) of a foot with respect to mean sea level (MSL). Indicate all measurements on the field worksheet for each well. Any monitoring wells with less than 0.67 foot between the measured top of water and the measured bottom of the well are considered to be dry and are not sampled.

If LPH is detected over 0.01 foot thick in a monitoring well, the monitoring well is not purged or sampled. The LPH is bailed out until no measurable free product remains on the groundwater surface. All LPH removed from onsite monitoring wells is stored in a drum separate from the purge water, labeled, and is properly disposed of within 90 days once full.

The interface probe is decontaminated between each individual monitoring well by cleaning the exposed portions of the interface probe in TSP and potable water wash followed by rinsing with potable water and drying with paper towels.

Purging and Groundwater Parameter Measurements

Depending on site-specific conditions monitoring wells may not be purged, be purged utilizing low flow methods, be purged by conventional pumping methods, or be purged by bailing methods. Standard purging methods consist of pumping or bailing three (3) well casing volumes from the monitoring well or if three well casing volumes is unattainable until the monitoring well is pumped dry using disposable dedicated bailers, a submersible pump, or a peristaltic pump, depending on the depth to groundwater.

During a conventional purge specific groundwater parameters are measured after each well volume is removed. These parameters include temperature, pH, conductivity, redox potential, and turbidity. Additional observations (sheen, odors, dissolved oxygen, and discoloration) are also noted on the field sheets. Additional parameters can also be obtained for site-specific needs.

Low flow purging utilizes either a submersible or peristaltic pump to remove the water from the well at a low rate, typically 0.5 liters per minute to eliminate draw down of the water column. Specific groundwater parameters are measured at timed intervals. These parameters include temperature, pH, conductivity, redox potential, and turbidity. Additional observations (sheen, odors, dissolved oxygen, and discoloration) are also noted on the field sheets. Additional parameters can also be obtained for site-specific needs. The well is not sampled until the parameters have stabilized in accordance with EPA guidelines.

All purge water is collected in 55-gallon drums, which are properly labeled and stored onsite until removed for proper disposal.

Submersible pumps are decontaminated in a 5-gallon bucket of potable water and TSP or other cleaning solutions followed by a rinse in a 5-gallon bucket with clean potable water. Clean tubing is utilized at each well if a peristaltic pump is utilized to purge. Dedicated new disposable bailers is utilized at each well if bailers are utilized to purge.

Groundwater Sample Collection

After the well has been purged per specific site instructions groundwater samples are collected for laboratory analysis for constituents of concern. Well purged by convention purging or bailing are allowed to recover to 80 percent prior to sampling or as much as possible within approximately 2 hours. If the well is bailed dry and does not recharge within 2 hours it is not sampled.

A clean dedicated disposable bailer is slowly lowered into the water column, typically just below the surface of the water until it is full. The bailer is then recovered and the water is transferred from the bailer in to laboratory-approved containers appropriate for the specific analysis needed. Special care is given to samples for volatile organic compounds (using only the lower 1/3 of water in the bailer, care is given to limit the

agitation of the water in the bailer, the sample containers are filled to eliminate any air bubbles and the sample containers are filled to zero head space).

If the monitoring well is purged utilizing low-flow procedures samples are collected from clean dedicated tubing connected to the pump prior to the flow cell.

All sample containers are labeled with the site specific information including, project number, site name/address, well number, date, time, and the sampler's initials. All samples collected are placed in a pre-cooled insulated container until delivered to the laboratory for analysis. All samples are then logged onto the chain of custody (COC) including the number of containers and the specific analysis needed. The COC accompanies the samples until they are delivered to the appropriate analytical laboratory.

All groundwater wells are sampled starting with the well which is least impacted working toward the most heavily impacted well.

WELL GAUGING DATA

Project # 110907-BP1 Date 9/7/11 Client ACC

Site 3080 Broadway Oakland CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0755	2					22.52	39.62	TOC	

WELLHEAD INSPECTION CHECKLIST

Date 9/7/11 Client ACC

Site Address 3080 Broadway Oakland

Job Number 110907-BP1 Technician B. Powell

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1					X		X	

NOTES: MW-1 3/4 bolts missing, cap non functional, no lock

WELL DEVELOPMENT DATA SHEET

Project #: 110907-BP1	Client: ACC Environmental
Developer: B. Powell	Date Developed: 9-7-11
Well I.D. MW-1	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 39.62 After 39.66	Depth to Water: Before 22.32 After 38.52
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

2.8	X	10	=	28
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☑ Positive Air Displacement

Type of Installed Pump: Middleburg
Other equipment used: 2" surge block

TIME	TEMP (C)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	DTW	NOTATIONS:
0802	Surfaced well for 20 minutes prior to purging of well.						
0831	Start purge, agitated pump on bottom						
0835	19.6	6.33	795	>1000	2.8	28.46	grey, odor
0838	18.9	6.14	790	>1000	5.6	32.07	grey, odor
0841	18.5	6.38	781	>1000	8.4	34.11	turned rate of pump down
0848	18.2	6.81	788	>1000	11.2	below pump	Dewatered
0850	Pulled pump to check recharge rate					33.50	
0858	Checked water level					36.35	
0901	Swabbed well for 10 minutes					34.21	hard bottom
0920	17.4	7.46	829	>1000	14.0	below pump	grey odor, turned pump recharge rate off
0929	Checked water level					36.32	
0939	Restart purge, check water level					35.08	
0945	18.9	7.07	784	>1000	17.8	below pump	Dewatered
Did Well Dewater? Yes	If yes, note above.			Gallons Actually Evacuated:		19.8	

WELL DEVELOPMENT DATA SHEET

Well I.D. MW-1	PAGE 2 OF 2
Project #: 110907-BPC	Client: ACC

TIME	TEMP (C)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	DTW:	NOTATIONS:
1015	19.1	7.63	786	412	19.8	below pump	clearing up

WELL GAUGING DATA

Project # 110912-101 Date 9-12-11 Client ACC

Site 3090 Broadway Oakland CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or (TOC)	Notes
MW-1	1405	2					21.90	39.75	TOC	

WELLHEAD INSPECTION CHECKLIST

Date 9-17-11 Client ACC

Site Address 3090 Broadway Oakland CA

Job Number 110912-101 Technician JG

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1							X	

NOTES: MW-1 2/2 Bolts missing NO lock

WELL MONITORING DATA SHEET

Project #: 110912-101	Client: ACC
Sampler: JD	Date: 9-12-11
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 39.75	Depth to Water (DTW): 21.90
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.47	

Purge Method: Bailer; (Disposable Bailer); Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

2.8 (Gals.) X 3 = 8.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1410	20.1	6.63	707	427	2.8	
1414	20.0	6.58	717	662	5.6	
1418	20.1	6.61	715	694	8.4	

Did well dewater? Yes (No) Gallons actually evacuated: 8.4

Sampling Date: 9-12-11 Sampling Time: 1425 Depth to Water: 24.37

Sample I.D.: MW-1 Laboratory: Kiff CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME ACC @ Oakland				PROJECT NUMBER 110912-301			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
myron L ultra meter II	6222814	9-12-11 1400	7,10,14 3PPMS	7.00, 10.02, 13.99 3PPMS	YES	22°C	JO

SPH or Purge Water Drum Log

Client: ACC

Site Address: 3080 Broadway, Oakland, CA

STATUS OF DRUM(S) UPON ARRIVAL						
Date	9/7/11	9-12-11				
Number of drum(s) empty:	0	0				
Number of drum(s) 1/4 full:	0	0				
Number of drum(s) 1/2 full:	0	1				
Number of drum(s) 3/4 full:	0	0				
Number of drum(s) full:	0	0				
Total drum(s) on site:	0	1				
Are the drum(s) properly labeled?	~~YES~~	YES				
Drum ID & Contents:	~~Purge H2O~~	Purgewater				
If any drum(s) are partially or totally filled, what is the first use date:	~~9-7-11~~	9-7-11				

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.

-If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.

-All BTS drums MUST be labeled appropriately.

STATUS OF DRUM(S) UPON DEPARTURE						
Date	9-7-11	9-12				
Number of drums empty:		0				
Number of drum(s) 1/4 full:		0				
Number of drum(s) 1/2 full:	1	0				
Number of drum(s) 3/4 full:		1				
Number of drum(s) full:		0				
Total drum(s) on site:	1	1				
Are the drum(s) properly labeled?	YES	YES				
Drum ID & Contents:	Purge H2O	Purgewater				

LOCATION OF DRUM(S)
Describe location of drum(s): Northern corner of 3080 Broadway inside repair shop American Auto Upholstery

FINAL STATUS						
Number of new drum(s) left on site this event	1	0				
Date of inspection:	9-7-11	9-12-11				
Drum(s) labelled properly:	YES	YES				
Logged by BTS Field Tech:	BP	JD				
Office reviewed by:	[illegible]	[illegible]				

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 720-37439-1
Client Project/Site: 3080 Broadway, Oakland

For:
ACC Environmental Consultants
7977 Capwell Drive
Suite 100
Oakland, California 94621

Attn: Julia Siudyla

Authorized for release by:
09/20/2011 05:39:38 PM

Dimple Sharma
Project Manager I
dimple.sharma@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.

Table of Contents

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

GCMS-Semivolatiles

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.

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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Job ID: 720-37439-1

Laboratory: TestAmerica San Francisco

Narrative

Job Narrative
720-37439-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

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

GC/MS Semi VOA
Method 8270C: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for three (03) analyte to recover outside criteria for this method when a full list spike is utilized. The LCS/LCSD associated with batch #99114 had one (3,3'-dichlorobenzidine) analyte outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Client Sample ID: MW-1

Lab Sample ID: 720-37439-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1000		10		ug/L	20		8260B/CA_LUFTM	Total/NA
n-Butylbenzene	6.6		1.0		ug/L	1		8260B/CA_LUFTM	Total/NA
sec-Butylbenzene	2.8		1.0		ug/L	1		8260B/CA_LUFTM	Total/NA
1,2-Dichloroethane	2.3		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Ethylbenzene	330		10		ug/L	20		8260B/CA_LUFTM	Total/NA
Isopropylbenzene	20		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
4-Isopropyltoluene	1.2		1.0		ug/L	1		8260B/CA_LUFTM	Total/NA
Naphthalene	98		1.0		ug/L	1		8260B/CA_LUFTM	Total/NA
N-Propylbenzene	42		1.0		ug/L	1		8260B/CA_LUFTM	Total/NA
Toluene	200		10		ug/L	20		8260B/CA_LUFTM	Total/NA
1,2,4-Trimethylbenzene	170		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
1,3,5-Trimethylbenzene	46		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Xylenes, Total	820		20		ug/L	20		8260B/CA_LUFTM	Total/NA
Gasoline Range Organics (GRO) -C5-C12	3900		50		ug/L	1		8260B/CA_LUFTM	Total/NA
TBA	440		4.0		ug/L	1		8260B/CA_LUFTM	Total/NA
DIPE	92		0.50		ug/L	1		8260B/CA_LUFTM	Total/NA
Naphthalene	9.2		2.1		ug/L	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	470		51		ug/L	1		8015B	Total/NA
Cadmium	0.0042		0.0025		mg/L	1		6010B	Total/NA
Chromium	0.13		0.010		mg/L	1		6010B	Total/NA
Nickel	0.18		0.010		mg/L	1		6010B	Total/NA
Lead	0.020		0.0050		mg/L	1		6010B	Total/NA
Zinc	0.18		0.020		mg/L	1		6010B	Total/NA

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Client Sample ID: MW-1
Date Collected: 09/12/11 14:25
Date Received: 09/13/11 13:00

Lab Sample ID: 720-37439-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			09/14/11 17:45	1
Acetone	ND		50		ug/L			09/14/11 17:45	1
Benzene	**1000**		10		ug/L			09/16/11 14:25	20
Dichlorobromomethane	ND		0.50		ug/L			09/14/11 17:45	1
Bromobenzene	ND		1.0		ug/L			09/14/11 17:45	1
Chlorobromomethane	ND		1.0		ug/L			09/14/11 17:45	1
Bromoform	ND		1.0		ug/L			09/14/11 17:45	1
Bromomethane	ND		1.0		ug/L			09/14/11 17:45	1
2-Butanone (MEK)	ND		50		ug/L			09/14/11 17:45	1
n-Butylbenzene	**6.6**		1.0		ug/L			09/14/11 17:45	1
sec-Butylbenzene	**2.8**		1.0		ug/L			09/14/11 17:45	1
tert-Butylbenzene	ND		1.0		ug/L			09/14/11 17:45	1
Carbon disulfide	ND		5.0		ug/L			09/14/11 17:45	1
Carbon tetrachloride	ND		0.50		ug/L			09/14/11 17:45	1
Chlorobenzene	ND		0.50		ug/L			09/14/11 17:45	1
Chloroethane	ND		1.0		ug/L			09/14/11 17:45	1
Chloroform	ND		1.0		ug/L			09/14/11 17:45	1
Chloromethane	ND		1.0		ug/L			09/14/11 17:45	1
2-Chlorotoluene	ND		0.50		ug/L			09/14/11 17:45	1
4-Chlorotoluene	ND		0.50		ug/L			09/14/11 17:45	1
Chlorodibromomethane	ND		0.50		ug/L			09/14/11 17:45	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/14/11 17:45	1
1,3-Dichlorobenzene	ND		0.50		ug/L			09/14/11 17:45	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/14/11 17:45	1
1,3-Dichloropropane	ND		1.0		ug/L			09/14/11 17:45	1
1,1-Dichloropropene	ND		0.50		ug/L			09/14/11 17:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/14/11 17:45	1
Ethylene Dibromide	ND		0.50		ug/L			09/14/11 17:45	1
Dibromomethane	ND		0.50		ug/L			09/14/11 17:45	1
Dichlorodifluoromethane	ND		0.50		ug/L			09/14/11 17:45	1
1,1-Dichloroethane	ND		0.50		ug/L			09/14/11 17:45	1
1,2-Dichloroethane	**2.3**		0.50		ug/L			09/14/11 17:45	1
1,1-Dichloroethene	ND		0.50		ug/L			09/14/11 17:45	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/14/11 17:45	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/14/11 17:45	1
1,2-Dichloropropane	ND		0.50		ug/L			09/14/11 17:45	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/14/11 17:45	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/14/11 17:45	1
Ethylbenzene	**330**		10		ug/L			09/16/11 14:25	20
Hexachlorobutadiene	ND		1.0		ug/L			09/14/11 17:45	1
2-Hexanone	ND		50		ug/L			09/14/11 17:45	1
Isopropylbenzene	**20**		0.50		ug/L			09/14/11 17:45	1
4-Isopropyltoluene	**1.2**		1.0		ug/L			09/14/11 17:45	1
Methylene Chloride	ND		5.0		ug/L			09/14/11 17:45	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			09/14/11 17:45	1
Naphthalene	**98**		1.0		ug/L			09/14/11 17:45	1
N-Propylbenzene	**42**		1.0		ug/L			09/14/11 17:45	1
Styrene	ND		0.50		ug/L			09/14/11 17:45	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/14/11 17:45	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/14/11 17:45	1

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Client Sample ID: MW-1
Date Collected: 09/12/11 14:25
Date Received: 09/13/11 13:00

Lab Sample ID: 720-37439-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50		ug/L			09/14/11 17:45	1
Toluene	**200**		10		ug/L			09/16/11 14:25	20
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/14/11 17:45	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/14/11 17:45	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/14/11 17:45	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/14/11 17:45	1
Trichloroethene	ND		0.50		ug/L			09/14/11 17:45	1
Trichlorofluoromethane	ND		1.0		ug/L			09/14/11 17:45	1
1,2,3-Trichloropropane	ND		0.50		ug/L			09/14/11 17:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			09/14/11 17:45	1
1,2,4-Trimethylbenzene	**170**		0.50		ug/L			09/14/11 17:45	1
1,3,5-Trimethylbenzene	**46**		0.50		ug/L			09/14/11 17:45	1
Vinyl acetate	ND		10		ug/L			09/14/11 17:45	1
Vinyl chloride	ND		0.50		ug/L			09/14/11 17:45	1
Xylenes, Total	**820**		20		ug/L			09/16/11 14:25	20
2,2-Dichloropropane	ND		0.50		ug/L			09/14/11 17:45	1
Gasoline Range Organics (GRO) -C5-C12	**3900**		50		ug/L			09/14/11 17:45	1
TBA	**440**		4.0		ug/L			09/14/11 17:45	1
Ethyl tert-butyl ether	ND		0.50		ug/L			09/14/11 17:45	1
DIPE	**92**		0.50		ug/L			09/14/11 17:45	1
TAME	ND		0.50		ug/L			09/14/11 17:45	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*67 - 130*		*09/14/11 17:45*	*1*
4-Bromofluorobenzene	*103*		*67 - 130*		*09/16/11 14:25*	*20*
1,2-Dichloroethane-d4 (Surr)	*121*		*67 - 130*		*09/14/11 17:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*67 - 130*		*09/16/11 14:25*	*20*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/14/11 17:45*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/16/11 14:25*	*20*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Bis(2-chloroethyl)ether	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
2-Chlorophenol	ND		4.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
1,3-Dichlorobenzene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
1,4-Dichlorobenzene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Benzyl alcohol	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
1,2-Dichlorobenzene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
2-Methylphenol	ND		4.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
4-Methylphenol	ND		8.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
N-Nitrosodi-n-propylamine	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Hexachloroethane	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Nitrobenzene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Isophorone	ND		4.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
2-Nitrophenol	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
2,4-Dimethylphenol	ND		3.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Bis(2-chloroethoxy)methane	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
2,4-Dichlorophenol	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
1,2,4-Trichlorobenzene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Client Sample ID: MW-1
Date Collected: 09/12/11 14:25
Date Received: 09/13/11 13:00

Lab Sample ID: 720-37439-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**9.2**		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
4-Chloroaniline	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Hexachlorobutadiene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
4-Chloro-3-methylphenol	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
2-Methylnaphthalene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Hexachlorocyclopentadiene	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
2,4,6-Trichlorophenol	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
2,4,5-Trichlorophenol	ND		4.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
2-Chloronaphthalene	ND		4.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
2-Nitroaniline	ND		10		ug/L		09/15/11 14:07	09/16/11 12:53	1
Dimethyl phthalate	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
Acenaphthylene	ND		4.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
3-Nitroaniline	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
Acenaphthene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
2,4-Dinitrophenol	ND		10		ug/L		09/15/11 14:07	09/16/11 12:53	1
4-Nitrophenol	ND		10		ug/L		09/15/11 14:07	09/16/11 12:53	1
Dibenzofuran	ND		4.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
2,4-Dinitrotoluene	ND		4.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
2,6-Dinitrotoluene	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
Diethyl phthalate	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
4-Chlorophenyl phenyl ether	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
Fluorene	ND		4.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
4-Nitroaniline	ND		10		ug/L		09/15/11 14:07	09/16/11 12:53	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		09/15/11 14:07	09/16/11 12:53	1
N-Nitrosodiphenylamine	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
4-Bromophenyl phenyl ether	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
Hexachlorobenzene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Pentachlorophenol	ND		10		ug/L		09/15/11 14:07	09/16/11 12:53	1
Phenanthrene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Anthracene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Di-n-butyl phthalate	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
Fluoranthene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Pyrene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Butyl benzyl phthalate	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
3,3'-Dichlorobenzidine	ND	*	5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
Benzo[a]anthracene	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		09/15/11 14:07	09/16/11 12:53	1
Chrysene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Di-n-octyl phthalate	ND		5.2		ug/L		09/15/11 14:07	09/16/11 12:53	1
Benzo[b]fluoranthene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Benzo[a]pyrene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Benzo[k]fluoranthene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Indeno[1,2,3-cd]pyrene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Benzo[g,h,i]perylene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Benzoic acid	ND		10		ug/L		09/15/11 14:07	09/16/11 12:53	1
Azobenzene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1
Dibenz(a,h)anthracene	ND		2.1		ug/L		09/15/11 14:07	09/16/11 12:53	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*30*		*25 - 102*	*09/15/11 14:07*	*09/16/11 12:53*	*1*

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Client Sample ID: MW-1
Date Collected: 09/12/11 14:25
Date Received: 09/13/11 13:00

Lab Sample ID: 720-37439-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	25		10 - 101	09/15/11 14:07	09/16/11 12:53	1
Terphenyl-d14	57		57 - 117	09/15/11 14:07	09/16/11 12:53	1
2-Fluorophenol	14		10 - 65	09/15/11 14:07	09/16/11 12:53	1
Phenol-d5	10		10 - 46	09/15/11 14:07	09/16/11 12:53	1
2,4,6-Tribromophenol	52		18 - 123	09/15/11 14:07	09/16/11 12:53	1

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50		ug/l		09/16/11 08:58	09/19/11 13:31	1.0

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	84		30 - 120	09/16/11 08:58	09/19/11 13:31	1.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**470**		51		ug/L		09/14/11 14:10	09/15/11 10:10	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	79		23 - 156	09/14/11 14:10	09/15/11 10:10	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52		ug/L		09/15/11 11:57	09/15/11 23:41	1
PCB-1221	ND		0.52		ug/L		09/15/11 11:57	09/15/11 23:41	1
PCB-1232	ND		0.52		ug/L		09/15/11 11:57	09/15/11 23:41	1
PCB-1242	ND		0.52		ug/L		09/15/11 11:57	09/15/11 23:41	1
PCB-1248	ND		0.52		ug/L		09/15/11 11:57	09/15/11 23:41	1
PCB-1254	ND		0.52		ug/L		09/15/11 11:57	09/15/11 23:41	1
PCB-1260	ND		0.52		ug/L		09/15/11 11:57	09/15/11 23:41	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	59		28 - 124	09/15/11 11:57	09/15/11 23:41	1
DCB Decachlorobiphenyl	37		5 - 122	09/15/11 11:57	09/15/11 23:41	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.0042**		0.0025		mg/L		09/14/11 17:41	09/15/11 12:40	1
Chromium	**0.13**		0.010		mg/L		09/14/11 17:41	09/15/11 12:40	1
Nickel	**0.18**		0.010		mg/L		09/14/11 17:41	09/15/11 12:40	1
Lead	**0.020**		0.0050		mg/L		09/14/11 17:41	09/15/11 12:40	1
Zinc	**0.18**		0.020		mg/L		09/14/11 17:41	09/15/11 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.2		mg/L		09/19/11 12:01	09/19/11 16:11	1

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

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

Lab Sample ID: MB 720-99014/5
Matrix: Water
Analysis Batch: 99014

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			09/14/11 14:19	1
Acetone	ND		50		ug/L			09/14/11 14:19	1
Benzene	ND		0.50		ug/L			09/14/11 14:19	1
Dichlorobromomethane	ND		0.50		ug/L			09/14/11 14:19	1
Bromobenzene	ND		1.0		ug/L			09/14/11 14:19	1
Chlorobromomethane	ND		1.0		ug/L			09/14/11 14:19	1
Bromoform	ND		1.0		ug/L			09/14/11 14:19	1
Bromomethane	ND		1.0		ug/L			09/14/11 14:19	1
2-Butanone (MEK)	ND		50		ug/L			09/14/11 14:19	1
n-Butylbenzene	ND		1.0		ug/L			09/14/11 14:19	1
sec-Butylbenzene	ND		1.0		ug/L			09/14/11 14:19	1
tert-Butylbenzene	ND		1.0		ug/L			09/14/11 14:19	1
Carbon disulfide	ND		5.0		ug/L			09/14/11 14:19	1
Carbon tetrachloride	ND		0.50		ug/L			09/14/11 14:19	1
Chlorobenzene	ND		0.50		ug/L			09/14/11 14:19	1
Chloroethane	ND		1.0		ug/L			09/14/11 14:19	1
Chloroform	ND		1.0		ug/L			09/14/11 14:19	1
Chloromethane	ND		1.0		ug/L			09/14/11 14:19	1
2-Chlorotoluene	ND		0.50		ug/L			09/14/11 14:19	1
4-Chlorotoluene	ND		0.50		ug/L			09/14/11 14:19	1
Chlorodibromomethane	ND		0.50		ug/L			09/14/11 14:19	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/14/11 14:19	1
1,3-Dichlorobenzene	ND		0.50		ug/L			09/14/11 14:19	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/14/11 14:19	1
1,3-Dichloropropane	ND		1.0		ug/L			09/14/11 14:19	1
1,1-Dichloropropene	ND		0.50		ug/L			09/14/11 14:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/14/11 14:19	1
Ethylene Dibromide	ND		0.50		ug/L			09/14/11 14:19	1
Dibromomethane	ND		0.50		ug/L			09/14/11 14:19	1
Dichlorodifluoromethane	ND		0.50		ug/L			09/14/11 14:19	1
1,1-Dichloroethane	ND		0.50		ug/L			09/14/11 14:19	1
1,2-Dichloroethane	ND		0.50		ug/L			09/14/11 14:19	1
1,1-Dichloroethene	ND		0.50		ug/L			09/14/11 14:19	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/14/11 14:19	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/14/11 14:19	1
1,2-Dichloropropane	ND		0.50		ug/L			09/14/11 14:19	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/14/11 14:19	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/14/11 14:19	1
Ethylbenzene	ND		0.50		ug/L			09/14/11 14:19	1
Hexachlorobutadiene	ND		1.0		ug/L			09/14/11 14:19	1
2-Hexanone	ND		50		ug/L			09/14/11 14:19	1
Isopropylbenzene	ND		0.50		ug/L			09/14/11 14:19	1
4-Isopropyltoluene	ND		1.0		ug/L			09/14/11 14:19	1
Methylene Chloride	ND		5.0		ug/L			09/14/11 14:19	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			09/14/11 14:19	1
Naphthalene	ND		1.0		ug/L			09/14/11 14:19	1
N-Propylbenzene	ND		1.0		ug/L			09/14/11 14:19	1
Styrene	ND		0.50		ug/L			09/14/11 14:19	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/14/11 14:19	1

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

Lab Sample ID: MB 720-99014/5
Matrix: Water
Analysis Batch: 99014

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/14/11 14:19	1
Tetrachloroethene	ND		0.50		ug/L			09/14/11 14:19	1
Toluene	ND		0.50		ug/L			09/14/11 14:19	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/14/11 14:19	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/14/11 14:19	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/14/11 14:19	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/14/11 14:19	1
Trichloroethene	ND		0.50		ug/L			09/14/11 14:19	1
Trichlorofluoromethane	ND		1.0		ug/L			09/14/11 14:19	1
1,2,3-Trichloropropane	ND		0.50		ug/L			09/14/11 14:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			09/14/11 14:19	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			09/14/11 14:19	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			09/14/11 14:19	1
Vinyl acetate	ND		10		ug/L			09/14/11 14:19	1
Vinyl chloride	ND		0.50		ug/L			09/14/11 14:19	1
Xylenes, Total	ND		1.0		ug/L			09/14/11 14:19	1
2,2-Dichloropropane	ND		0.50		ug/L			09/14/11 14:19	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			09/14/11 14:19	1
TBA	ND		4.0		ug/L			09/14/11 14:19	1
Ethyl tert-butyl ether	ND		0.50		ug/L			09/14/11 14:19	1
DIPE	ND		0.50		ug/L			09/14/11 14:19	1
TAME	ND		0.50		ug/L			09/14/11 14:19	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*09/14/11 14:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*67 - 130*		*09/14/11 14:19*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*09/14/11 14:19*	*1*

Lab Sample ID: LCS 720-99014/6
Matrix: Water
Analysis Batch: 99014

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	29.8		ug/L		119	62 - 130
Acetone	125	93.3		ug/L		75	26 - 180
Benzene	25.0	28.6		ug/L		114	82 - 127
Dichlorobromomethane	25.0	31.3		ug/L		125	70 - 130
Bromobenzene	25.0	28.3		ug/L		113	79 - 127
Chlorobromomethane	25.0	30.3		ug/L		121	70 - 130
Bromoform	25.0	28.8		ug/L		115	68 - 136
Bromomethane	25.0	30.1		ug/L		120	43 - 151
2-Butanone (MEK)	125	122		ug/L		98	66 - 149
n-Butylbenzene	25.0	29.7		ug/L		119	79 - 142
sec-Butylbenzene	25.0	28.4		ug/L		114	81 - 134
tert-Butylbenzene	25.0	28.8		ug/L		115	82 - 135
Carbon disulfide	25.0	25.1		ug/L		100	58 - 124
Carbon tetrachloride	25.0	30.8		ug/L		123	77 - 146
Chlorobenzene	25.0	27.0		ug/L		108	70 - 130
Chloroethane	25.0	29.3		ug/L		117	62 - 138

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

Lab Sample ID: LCS 720-99014/6
Matrix: Water
Analysis Batch: 99014

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Chloroform	25.0	28.9		ug/L		116	70 - 130
Chloromethane	25.0	28.8		ug/L		115	52 - 175
2-Chlorotoluene	25.0	28.6		ug/L		114	70 - 130
4-Chlorotoluene	25.0	28.4		ug/L		114	70 - 130
Chlorodibromomethane	25.0	31.5		ug/L		126	78 - 145
1,2-Dichlorobenzene	25.0	28.1		ug/L		112	70 - 130
1,3-Dichlorobenzene	25.0	28.1		ug/L		112	70 - 130
1,4-Dichlorobenzene	25.0	27.6		ug/L		110	87 - 118
1,3-Dichloropropane	25.0	29.0		ug/L		116	82 - 128
1,1-Dichloropropene	25.0	30.0		ug/L		120	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.3		ug/L		109	72 - 136
Ethylene Dibromide	25.0	30.7		ug/L		123	70 - 130
Dibromomethane	25.0	29.7		ug/L		119	70 - 130
Dichlorodifluoromethane	25.0	29.9		ug/L		120	33 - 125
1,1-Dichloroethane	25.0	28.8		ug/L		115	70 - 130
1,2-Dichloroethane	25.0	29.5		ug/L		118	70 - 126
1,1-Dichloroethene	25.0	26.6		ug/L		106	64 - 128
cis-1,2-Dichloroethene	25.0	32.6		ug/L		130	70 - 130
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	68 - 118
1,2-Dichloropropane	25.0	28.8		ug/L		115	70 - 130
cis-1,3-Dichloropropene	25.0	31.5		ug/L		126	88 - 137
trans-1,3-Dichloropropene	25.0	33.2		ug/L		133	83 - 140
Ethylbenzene	25.0	27.1		ug/L		108	86 - 135
Hexachlorobutadiene	25.0	30.2		ug/L		121	70 - 130
2-Hexanone	125	133		ug/L		107	60 - 164
Isopropylbenzene	25.0	28.4		ug/L		114	70 - 130
4-Isopropyltoluene	25.0	29.1		ug/L		116	70 - 130
Methylene Chloride	25.0	28.2		ug/L		113	73 - 147
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	63 - 165
Naphthalene	25.0	30.5		ug/L		122	78 - 135
N-Propylbenzene	25.0	27.3		ug/L		109	70 - 130
Styrene	25.0	29.2		ug/L		117	70 - 130
1,1,1,2-Tetrachloroethane	25.0	29.9		ug/L		120	70 - 130
1,1,2,2-Tetrachloroethane	25.0	26.5		ug/L		106	70 - 130
Tetrachloroethene	25.0	29.5		ug/L		118	70 - 130
Toluene	25.0	27.1		ug/L		108	83 - 129
1,2,3-Trichlorobenzene	25.0	31.4		ug/L		126	70 - 130
1,2,4-Trichlorobenzene	25.0	31.0		ug/L		124	70 - 130
1,1,1-Trichloroethane	25.0	30.2		ug/L		121	70 - 130
1,1,2-Trichloroethane	25.0	28.8		ug/L		115	82 - 128
Trichloroethene	25.0	28.9		ug/L		116	70 - 130
Trichlorofluoromethane	25.0	30.0		ug/L		120	66 - 132
1,2,3-Trichloropropane	25.0	27.7		ug/L		111	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.5		ug/L		114	42 - 162
1,2,4-Trimethylbenzene	25.0	28.5		ug/L		114	70 - 132
1,3,5-Trimethylbenzene	25.0	29.2		ug/L		117	70 - 130
Vinyl acetate	25.0	35.4		ug/L		142	43 - 163
Vinyl chloride	25.0	29.4		ug/L		118	63 - 125
m-Xylene & p-Xylene	50.0	54.4		ug/L		109	70 - 142

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

Lab Sample ID: LCS 720-99014/6
Matrix: Water
Analysis Batch: 99014

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
o-Xylene			25.0	27.8		ug/L		111	89 - 136		
2,2-Dichloropropane			25.0	34.1		ug/L		136	70 - 140		
TBA			500	574		ug/L		115	82 - 116		
Ethyl tert-butyl ether			25.0	28.5		ug/L		114	70 - 130		
DIPE			25.0	29.9		ug/L		120	74 - 155		
TAME			25.0	30.8		ug/L		123	79 - 129		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCS 720-99014/8
Matrix: Water
Analysis Batch: 99014

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Gasoline Range Organics (GRO) -C5-C12			500	452		ug/L		90	62 - 117		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*67 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-99014/7
Matrix: Water
Analysis Batch: 99014

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether			25.0	28.3		ug/L		113	62 - 130	5	20
Acetone			125	91.2		ug/L		73	26 - 180	2	30
Benzene			25.0	27.1		ug/L		108	82 - 127	5	20
Dichlorobromomethane			25.0	29.5		ug/L		118	70 - 130	6	20
Bromobenzene			25.0	26.8		ug/L		107	79 - 127	5	20
Chlorobromomethane			25.0	28.6		ug/L		114	70 - 130	6	20
Bromoform			25.0	27.8		ug/L		111	68 - 136	4	20
Bromomethane			25.0	30.3		ug/L		121	43 - 151	1	20
2-Butanone (MEK)			125	115		ug/L		92	66 - 149	6	20
n-Butylbenzene			25.0	28.6		ug/L		114	79 - 142	4	20
sec-Butylbenzene			25.0	27.1		ug/L		108	81 - 134	5	20
tert-Butylbenzene			25.0	27.4		ug/L		110	82 - 135	5	20
Carbon disulfide			25.0	23.7		ug/L		95	58 - 124	6	20
Carbon tetrachloride			25.0	29.5		ug/L		118	77 - 146	4	20
Chlorobenzene			25.0	25.7		ug/L		103	70 - 130	5	20
Chloroethane			25.0	29.9		ug/L		120	62 - 138	2	20
Chloroform			25.0	27.5		ug/L		110	70 - 130	5	20
Chloromethane			25.0	29.4		ug/L		118	52 - 175	2	20
2-Chlorotoluene			25.0	27.2		ug/L		109	70 - 130	5	20

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

Lab Sample ID: LCSD 720-99014/7
Matrix: Water
Analysis Batch: 99014

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4-Chlorotoluene	25.0	26.7		ug/L		107	70 - 130	6	20
Chlorodibromomethane	25.0	30.1		ug/L		120	78 - 145	5	20
1,2-Dichlorobenzene	25.0	27.0		ug/L		108	70 - 130	4	20
1,3-Dichlorobenzene	25.0	26.6		ug/L		106	70 - 130	5	20
1,4-Dichlorobenzene	25.0	26.4		ug/L		106	87 - 118	4	20
1,3-Dichloropropane	25.0	27.8		ug/L		111	82 - 128	4	20
1,1-Dichloropropene	25.0	28.0		ug/L		112	70 - 130	7	20
1,2-Dibromo-3-Chloropropane	25.0	28.0		ug/L		112	72 - 136	3	20
Ethylene Dibromide	25.0	29.3		ug/L		117	70 - 130	5	20
Dibromomethane	25.0	28.6		ug/L		114	70 - 130	4	20
Dichlorodifluoromethane	25.0	29.7		ug/L		119	33 - 125	1	20
1,1-Dichloroethane	25.0	27.5		ug/L		110	70 - 130	5	20
1,2-Dichloroethane	25.0	27.9		ug/L		112	70 - 126	6	20
1,1-Dichloroethene	25.0	25.1		ug/L		100	64 - 128	6	20
cis-1,2-Dichloroethene	25.0	31.3		ug/L		125	70 - 130	4	20
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	68 - 118	5	20
1,2-Dichloropropane	25.0	27.2		ug/L		109	70 - 130	6	20
cis-1,3-Dichloropropene	25.0	29.8		ug/L		119	88 - 137	6	20
trans-1,3-Dichloropropene	25.0	31.3		ug/L		125	83 - 140	6	20
Ethylbenzene	25.0	26.0		ug/L		104	86 - 135	4	20
Hexachlorobutadiene	25.0	29.2		ug/L		117	70 - 130	3	20
2-Hexanone	125	138		ug/L		110	60 - 164	3	20
Isopropylbenzene	25.0	27.2		ug/L		109	70 - 130	4	20
4-Isopropyltoluene	25.0	27.8		ug/L		111	70 - 130	5	20
Methylene Chloride	25.0	26.8		ug/L		107	73 - 147	5	20
4-Methyl-2-pentanone (MIBK)	125	140		ug/L		112	63 - 165	2	20
Naphthalene	25.0	30.2		ug/L		121	78 - 135	1	20
N-Propylbenzene	25.0	25.6		ug/L		102	70 - 130	6	20
Styrene	25.0	28.0		ug/L		112	70 - 130	4	20
1,1,1,2-Tetrachloroethane	25.0	28.6		ug/L		114	70 - 130	4	20
1,1,2,2-Tetrachloroethane	25.0	26.1		ug/L		104	70 - 130	2	20
Tetrachloroethene	25.0	28.1		ug/L		112	70 - 130	5	20
Toluene	25.0	25.8		ug/L		103	83 - 129	5	20
1,2,3-Trichlorobenzene	25.0	30.1		ug/L		120	70 - 130	4	20
1,2,4-Trichlorobenzene	25.0	29.9		ug/L		120	70 - 130	4	20
1,1,1-Trichloroethane	25.0	28.8		ug/L		115	70 - 130	5	20
1,1,2-Trichloroethane	25.0	27.5		ug/L		110	82 - 128	5	20
Trichloroethene	25.0	27.5		ug/L		110	70 - 130	5	20
Trichlorofluoromethane	25.0	29.2		ug/L		117	66 - 132	3	20
1,2,3-Trichloropropane	25.0	27.3		ug/L		109	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.1		ug/L		108	42 - 162	5	20
1,2,4-Trimethylbenzene	25.0	27.1		ug/L		108	70 - 132	5	20
1,3,5-Trimethylbenzene	25.0	27.6		ug/L		110	70 - 130	6	20
Vinyl acetate	25.0	35.5		ug/L		142	43 - 163	0	20
Vinyl chloride	25.0	29.9		ug/L		120	63 - 125	2	20
m-Xylene & p-Xylene	50.0	52.4		ug/L		105	70 - 142	4	20
o-Xylene	25.0	26.9		ug/L		108	89 - 136	3	20
2,2-Dichloropropane	25.0	32.3		ug/L		129	70 - 140	5	20
TBA	500	549		ug/L		110	82 - 116	4	20

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

Lab Sample ID: LCSD 720-99014/7
Matrix: Water
Analysis Batch: 99014

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Ethyl tert-butyl ether			25.0	27.0		ug/L		108	70 - 130	5	20
DIPE			25.0	28.5		ug/L		114	74 - 155	5	20
TAME			25.0	28.9		ug/L		116	79 - 129	6	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*104*		*67 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 720-99014/9
Matrix: Water
Analysis Batch: 99014

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	442		ug/L		88	62 - 117	2	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*67 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 720-99198/5
Matrix: Water
Analysis Batch: 99198

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			09/16/11 09:36	1
Acetone	ND		50		ug/L			09/16/11 09:36	1
Benzene	ND		0.50		ug/L			09/16/11 09:36	1
Dichlorobromomethane	ND		0.50		ug/L			09/16/11 09:36	1
Bromobenzene	ND		1.0		ug/L			09/16/11 09:36	1
Chlorobromomethane	ND		1.0		ug/L			09/16/11 09:36	1
Bromoform	ND		1.0		ug/L			09/16/11 09:36	1
Bromomethane	ND		1.0		ug/L			09/16/11 09:36	1
2-Butanone (MEK)	ND		50		ug/L			09/16/11 09:36	1
n-Butylbenzene	ND		1.0		ug/L			09/16/11 09:36	1
sec-Butylbenzene	ND		1.0		ug/L			09/16/11 09:36	1
tert-Butylbenzene	ND		1.0		ug/L			09/16/11 09:36	1
Carbon disulfide	ND		5.0		ug/L			09/16/11 09:36	1
Carbon tetrachloride	ND		0.50		ug/L			09/16/11 09:36	1
Chlorobenzene	ND		0.50		ug/L			09/16/11 09:36	1
Chloroethane	ND		1.0		ug/L			09/16/11 09:36	1
Chloroform	ND		1.0		ug/L			09/16/11 09:36	1
Chloromethane	ND		1.0		ug/L			09/16/11 09:36	1
2-Chlorotoluene	ND		0.50		ug/L			09/16/11 09:36	1
4-Chlorotoluene	ND		0.50		ug/L			09/16/11 09:36	1
Chlorodibromomethane	ND		0.50		ug/L			09/16/11 09:36	1
1,2-Dichlorobenzene	ND		0.50		ug/L			09/16/11 09:36	1

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

Lab Sample ID: MB 720-99198/5
Matrix: Water
Analysis Batch: 99198

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.50		ug/L			09/16/11 09:36	1
1,4-Dichlorobenzene	ND		0.50		ug/L			09/16/11 09:36	1
1,3-Dichloropropane	ND		1.0		ug/L			09/16/11 09:36	1
1,1-Dichloropropene	ND		0.50		ug/L			09/16/11 09:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/16/11 09:36	1
Ethylene Dibromide	ND		0.50		ug/L			09/16/11 09:36	1
Dibromomethane	ND		0.50		ug/L			09/16/11 09:36	1
Dichlorodifluoromethane	ND		0.50		ug/L			09/16/11 09:36	1
1,1-Dichloroethane	ND		0.50		ug/L			09/16/11 09:36	1
1,2-Dichloroethane	ND		0.50		ug/L			09/16/11 09:36	1
1,1-Dichloroethene	ND		0.50		ug/L			09/16/11 09:36	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			09/16/11 09:36	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			09/16/11 09:36	1
1,2-Dichloropropane	ND		0.50		ug/L			09/16/11 09:36	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			09/16/11 09:36	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			09/16/11 09:36	1
Ethylbenzene	ND		0.50		ug/L			09/16/11 09:36	1
Hexachlorobutadiene	ND		1.0		ug/L			09/16/11 09:36	1
2-Hexanone	ND		50		ug/L			09/16/11 09:36	1
Isopropylbenzene	ND		0.50		ug/L			09/16/11 09:36	1
4-Isopropyltoluene	ND		1.0		ug/L			09/16/11 09:36	1
Methylene Chloride	ND		5.0		ug/L			09/16/11 09:36	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			09/16/11 09:36	1
Naphthalene	ND		1.0		ug/L			09/16/11 09:36	1
N-Propylbenzene	ND		1.0		ug/L			09/16/11 09:36	1
Styrene	ND		0.50		ug/L			09/16/11 09:36	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			09/16/11 09:36	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			09/16/11 09:36	1
Tetrachloroethene	ND		0.50		ug/L			09/16/11 09:36	1
Toluene	ND		0.50		ug/L			09/16/11 09:36	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			09/16/11 09:36	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/16/11 09:36	1
1,1,1-Trichloroethane	ND		0.50		ug/L			09/16/11 09:36	1
1,1,2-Trichloroethane	ND		0.50		ug/L			09/16/11 09:36	1
Trichloroethene	ND		0.50		ug/L			09/16/11 09:36	1
Trichlorofluoromethane	ND		1.0		ug/L			09/16/11 09:36	1
1,2,3-Trichloropropane	ND		0.50		ug/L			09/16/11 09:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			09/16/11 09:36	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			09/16/11 09:36	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			09/16/11 09:36	1
Vinyl acetate	ND		10		ug/L			09/16/11 09:36	1
Vinyl chloride	ND		0.50		ug/L			09/16/11 09:36	1
Xylenes, Total	ND		1.0		ug/L			09/16/11 09:36	1
2,2-Dichloropropane	ND		0.50		ug/L			09/16/11 09:36	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			09/16/11 09:36	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*09/16/11 09:36*	*1*

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

Lab Sample ID: MB 720-99198/5
Matrix: Water
Analysis Batch: 99198

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

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*67 - 130*		*09/16/11 09:36*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*09/16/11 09:36*	*1*

Lab Sample ID: LCS 720-99198/6
Matrix: Water
Analysis Batch: 99198

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	26.2		ug/L		105	62 - 130
Acetone	125	98.1		ug/L		78	26 - 180
Benzene	25.0	24.9		ug/L		100	82 - 127
Dichlorobromomethane	25.0	27.4		ug/L		110	70 - 130
Bromobenzene	25.0	25.1		ug/L		100	79 - 127
Chlorobromomethane	25.0	25.9		ug/L		104	70 - 130
Bromoform	25.0	24.0		ug/L		96	68 - 136
Bromomethane	25.0	23.3		ug/L		93	43 - 151
2-Butanone (MEK)	125	124		ug/L		99	66 - 149
n-Butylbenzene	25.0	25.9		ug/L		104	79 - 142
sec-Butylbenzene	25.0	25.1		ug/L		100	81 - 134
tert-Butylbenzene	25.0	25.0		ug/L		100	82 - 135
Carbon disulfide	25.0	22.2		ug/L		89	58 - 124
Carbon tetrachloride	25.0	28.5		ug/L		114	77 - 146
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130
Chloroethane	25.0	24.5		ug/L		98	62 - 138
Chloroform	25.0	25.1		ug/L		100	70 - 130
Chloromethane	25.0	23.8		ug/L		95	52 - 175
2-Chlorotoluene	25.0	25.8		ug/L		103	70 - 130
4-Chlorotoluene	25.0	25.3		ug/L		101	70 - 130
Chlorodibromomethane	25.0	30.2		ug/L		121	78 - 145
1,2-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130
1,3-Dichlorobenzene	25.0	25.9		ug/L		104	70 - 130
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	87 - 118
1,3-Dichloropropane	25.0	26.8		ug/L		107	82 - 128
1,1-Dichloropropene	25.0	24.7		ug/L		99	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.1		ug/L		108	72 - 136
Ethylene Dibromide	25.0	27.2		ug/L		109	70 - 130
Dibromomethane	25.0	26.4		ug/L		106	70 - 130
Dichlorodifluoromethane	25.0	23.0		ug/L		92	33 - 125
1,1-Dichloroethane	25.0	24.7		ug/L		99	70 - 130
1,2-Dichloroethane	25.0	25.5		ug/L		102	70 - 126
1,1-Dichloroethene	25.0	21.4		ug/L		86	64 - 128
cis-1,2-Dichloroethene	25.0	28.3		ug/L		113	70 - 130
trans-1,2-Dichloroethene	25.0	20.7		ug/L		83	68 - 118
1,2-Dichloropropane	25.0	25.2		ug/L		101	70 - 130
cis-1,3-Dichloropropene	25.0	27.2		ug/L		109	88 - 137
trans-1,3-Dichloropropene	25.0	28.7		ug/L		115	83 - 140
Ethylbenzene	25.0	24.7		ug/L		99	86 - 135
Hexachlorobutadiene	25.0	24.1		ug/L		96	70 - 130
2-Hexanone	125	128		ug/L		102	60 - 164

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

Lab Sample ID: LCS 720-99198/6
Matrix: Water
Analysis Batch: 99198

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Isopropylbenzene	25.0	25.3		ug/L		101	70 - 130
4-Isopropyltoluene	25.0	25.5		ug/L		102	70 - 130
Methylene Chloride	25.0	23.7		ug/L		95	73 - 147
4-Methyl-2-pentanone (MIBK)	125	134		ug/L		107	63 - 165
Naphthalene	25.0	25.4		ug/L		102	78 - 135
N-Propylbenzene	25.0	24.0		ug/L		96	70 - 130
Styrene	25.0	25.6		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.2		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	25.0	27.0		ug/L		108	70 - 130
Tetrachloroethene	25.0	25.1		ug/L		100	70 - 130
Toluene	25.0	24.6		ug/L		98	83 - 129
1,2,3-Trichlorobenzene	25.0	25.4		ug/L		102	70 - 130
1,2,4-Trichlorobenzene	25.0	24.9		ug/L		100	70 - 130
1,1,1-Trichloroethane	25.0	25.9		ug/L		104	70 - 130
1,1,2-Trichloroethane	25.0	26.1		ug/L		104	82 - 128
Trichloroethene	25.0	24.6		ug/L		98	70 - 130
Trichlorofluoromethane	25.0	25.5		ug/L		102	66 - 132
1,2,3-Trichloropropane	25.0	25.8		ug/L		103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.4		ug/L		94	42 - 162
1,2,4-Trimethylbenzene	25.0	24.9		ug/L		100	70 - 132
1,3,5-Trimethylbenzene	25.0	25.5		ug/L		102	70 - 130
Vinyl acetate	25.0	32.7		ug/L		131	43 - 163
Vinyl chloride	25.0	21.7		ug/L		87	63 - 125
m-Xylene & p-Xylene	50.0	50.3		ug/L		101	70 - 142
o-Xylene	25.0	25.8		ug/L		103	89 - 136
2,2-Dichloropropane	25.0	26.9		ug/L		108	70 - 140

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*103*		*67 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCS 720-99198/8
Matrix: Water
Analysis Batch: 99198

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	411		ug/L		82	62 - 117

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*67 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

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

Lab Sample ID: LCSD 720-99198/7
Matrix: Water
Analysis Batch: 99198

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	25.8		ug/L		103	62 - 130	2	20
Acetone	125	98.7		ug/L		79	26 - 180	1	30
Benzene	25.0	24.6		ug/L		98	82 - 127	1	20
Dichlorobromomethane	25.0	26.9		ug/L		108	70 - 130	2	20
Bromobenzene	25.0	25.2		ug/L		101	79 - 127	0	20
Chlorobromomethane	25.0	25.5		ug/L		102	70 - 130	2	20
Bromoform	25.0	24.4		ug/L		98	68 - 136	2	20
Bromomethane	25.0	24.1		ug/L		96	43 - 151	3	20
2-Butanone (MEK)	125	127		ug/L		101	66 - 149	2	20
n-Butylbenzene	25.0	25.9		ug/L		104	79 - 142	0	20
sec-Butylbenzene	25.0	25.5		ug/L		102	81 - 134	2	20
tert-Butylbenzene	25.0	25.3		ug/L		101	82 - 135	1	20
Carbon disulfide	25.0	22.4		ug/L		90	58 - 124	1	20
Carbon tetrachloride	25.0	28.7		ug/L		115	77 - 146	1	20
Chlorobenzene	25.0	24.5		ug/L		98	70 - 130	1	20
Chloroethane	25.0	25.4		ug/L		102	62 - 138	4	20
Chloroform	25.0	24.7		ug/L		99	70 - 130	2	20
Chloromethane	25.0	24.6		ug/L		98	52 - 175	3	20
2-Chlorotoluene	25.0	26.1		ug/L		104	70 - 130	1	20
4-Chlorotoluene	25.0	25.3		ug/L		101	70 - 130	0	20
Chlorodibromomethane	25.0	30.1		ug/L		120	78 - 145	0	20
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130	1	20
1,3-Dichlorobenzene	25.0	25.6		ug/L		102	70 - 130	1	20
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	87 - 118	1	20
1,3-Dichloropropane	25.0	26.4		ug/L		106	82 - 128	2	20
1,1-Dichloropropene	25.0	24.6		ug/L		98	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	28.0		ug/L		112	72 - 136	3	20
Ethylene Dibromide	25.0	27.1		ug/L		108	70 - 130	0	20
Dibromomethane	25.0	25.9		ug/L		104	70 - 130	2	20
Dichlorodifluoromethane	25.0	23.3		ug/L		93	33 - 125	1	20
1,1-Dichloroethane	25.0	24.4		ug/L		98	70 - 130	1	20
1,2-Dichloroethane	25.0	25.0		ug/L		100	70 - 126	2	20
1,1-Dichloroethene	25.0	21.7		ug/L		87	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	27.9		ug/L		112	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	20.5		ug/L		82	68 - 118	1	20
1,2-Dichloropropane	25.0	24.7		ug/L		99	70 - 130	2	20
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	88 - 137	2	20
trans-1,3-Dichloropropene	25.0	28.3		ug/L		113	83 - 140	1	20
Ethylbenzene	25.0	24.6		ug/L		98	86 - 135	0	20
Hexachlorobutadiene	25.0	24.6		ug/L		98	70 - 130	2	20
2-Hexanone	125	130		ug/L		104	60 - 164	2	20
Isopropylbenzene	25.0	25.6		ug/L		102	70 - 130	1	20
4-Isopropyltoluene	25.0	25.7		ug/L		103	70 - 130	1	20
Methylene Chloride	25.0	23.5		ug/L		94	73 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	63 - 165	1	20
Naphthalene	25.0	26.2		ug/L		105	78 - 135	3	20
N-Propylbenzene	25.0	24.3		ug/L		97	70 - 130	1	20
Styrene	25.0	25.7		ug/L		103	70 - 130	0	20
1,1,1,2-Tetrachloroethane	25.0	27.0		ug/L		108	70 - 130	1	20

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

Lab Sample ID: LCSD 720-99198/7
Matrix: Water
Analysis Batch: 99198

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			25.0	27.2		ug/L		109	70 - 130	1	20
Tetrachloroethene			25.0	25.1		ug/L		100	70 - 130	0	20
Toluene			25.0	24.2		ug/L		97	83 - 129	2	20
1,2,3-Trichlorobenzene			25.0	25.6		ug/L		102	70 - 130	1	20
1,2,4-Trichlorobenzene			25.0	24.9		ug/L		100	70 - 130	0	20
1,1,1-Trichloroethane			25.0	26.3		ug/L		105	70 - 130	2	20
1,1,2-Trichloroethane			25.0	25.8		ug/L		103	82 - 128	1	20
Trichloroethene			25.0	24.4		ug/L		98	70 - 130	1	20
Trichlorofluoromethane			25.0	26.1		ug/L		104	66 - 132	2	20
1,2,3-Trichloropropane			25.0	26.2		ug/L		105	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	24.1		ug/L		96	42 - 162	3	20
1,2,4-Trimethylbenzene			25.0	24.9		ug/L		100	70 - 132	0	20
1,3,5-Trimethylbenzene			25.0	25.7		ug/L		103	70 - 130	1	20
Vinyl acetate			25.0	32.1		ug/L		128	43 - 163	2	20
Vinyl chloride			25.0	22.1		ug/L		88	63 - 125	2	20
m-Xylene & p-Xylene			50.0	50.4		ug/L		101	70 - 142	0	20
o-Xylene			25.0	25.8		ug/L		103	89 - 136	0	20
2,2-Dichloropropane			25.0	27.4		ug/L		110	70 - 140	2	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*67 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 720-99198/9
Matrix: Water
Analysis Batch: 99198

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	397		ug/L		79	62 - 117	4	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*67 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-99114/1-A
Matrix: Water
Analysis Batch: 99173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 99114

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2-Chlorophenol	ND		4.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
1,3-Dichlorobenzene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-99114/1-A
Matrix: Water
Analysis Batch: 99173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 99114

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Benzyl alcohol	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
1,2-Dichlorobenzene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2-Methylphenol	ND		4.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
4-Methylphenol	ND		8.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Hexachloroethane	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Nitrobenzene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Isophorone	ND		4.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2-Nitrophenol	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2,4-Dimethylphenol	ND		3.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2,4-Dichlorophenol	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Naphthalene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
4-Chloroaniline	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Hexachlorobutadiene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2-Methylnaphthalene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2,4,5-Trichlorophenol	ND		4.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2-Chloronaphthalene	ND		4.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2-Nitroaniline	ND		10		ug/L		09/15/11 14:07	09/16/11 12:30	1
Dimethyl phthalate	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Acenaphthylene	ND		4.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
3-Nitroaniline	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Acenaphthene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2,4-Dinitrophenol	ND		10		ug/L		09/15/11 14:07	09/16/11 12:30	1
4-Nitrophenol	ND		10		ug/L		09/15/11 14:07	09/16/11 12:30	1
Dibenzofuran	ND		4.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2,4-Dinitrotoluene	ND		4.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
2,6-Dinitrotoluene	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Diethyl phthalate	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Fluorene	ND		4.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
4-Nitroaniline	ND		10		ug/L		09/15/11 14:07	09/16/11 12:30	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		09/15/11 14:07	09/16/11 12:30	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Hexachlorobenzene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Pentachlorophenol	ND		10		ug/L		09/15/11 14:07	09/16/11 12:30	1
Phenanthrene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Anthracene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Di-n-butyl phthalate	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Fluoranthene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Pyrene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Butyl benzyl phthalate	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Benzo[a]anthracene	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-99114/1-A
Matrix: Water
Analysis Batch: 99173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 99114

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		09/15/11 14:07	09/16/11 12:30	1
Chrysene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Di-n-octyl phthalate	ND		5.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Benzo[b]fluoranthene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Benzo[a]pyrene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Benzo[k]fluoranthene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Benzoic acid	ND		10		ug/L		09/15/11 14:07	09/16/11 12:30	1
Azobenzene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		09/15/11 14:07	09/16/11 12:30	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*67*		*25 - 102*	*09/15/11 14:07*	*09/16/11 12:30*	*1*
2-Fluorobiphenyl	*62*		*10 - 101*	*09/15/11 14:07*	*09/16/11 12:30*	*1*
Terphenyl-d14	*85*		*57 - 117*	*09/15/11 14:07*	*09/16/11 12:30*	*1*
2-Fluorophenol	*33*		*10 - 65*	*09/15/11 14:07*	*09/16/11 12:30*	*1*
Phenol-d5	*22*		*10 - 46*	*09/15/11 14:07*	*09/16/11 12:30*	*1*
2,4,6-Tribromophenol	*71*		*18 - 123*	*09/15/11 14:07*	*09/16/11 12:30*	*1*

Lab Sample ID: LCS 720-99114/2-A
Matrix: Water
Analysis Batch: 99281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 99114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Phenol	50.0	11.8		ug/L		24	10 - 115
Bis(2-chloroethyl)ether	50.0	27.7		ug/L		55	12 - 115
2-Chlorophenol	50.0	23.4		ug/L		47	14 - 115
1,3-Dichlorobenzene	50.0	20.7		ug/L		41	13 - 115
1,4-Dichlorobenzene	50.0	22.7		ug/L		45	14 - 115
Benzyl alcohol	50.0	22.4		ug/L		45	19 - 115
1,2-Dichlorobenzene	50.0	21.9		ug/L		44	17 - 115
2-Methylphenol	50.0	23.2		ug/L		46	13 - 115
4-Methylphenol	100	38.5		ug/L		39	10 - 115
N-Nitrosodi-n-propylamine	50.0	30.4		ug/L		61	17 - 115
Hexachloroethane	50.0	20.7		ug/L		41	9 - 115
Nitrobenzene	50.0	28.8		ug/L		58	18 - 115
Isophorone	50.0	31.5		ug/L		63	18 - 134
2-Nitrophenol	50.0	27.4		ug/L		55	14 - 115
2,4-Dimethylphenol	50.0	27.7		ug/L		55	10 - 119
Bis(2-chloroethoxy)methane	50.0	28.1		ug/L		56	10 - 119
2,4-Dichlorophenol	50.0	26.2		ug/L		52	13 - 118
1,2,4-Trichlorobenzene	50.0	23.2		ug/L		46	17 - 115
Naphthalene	50.0	27.7		ug/L		55	12 - 115
4-Chloroaniline	50.0	27.2		ug/L		54	26 - 115
Hexachlorobutadiene	50.0	22.5		ug/L		45	12 - 115
4-Chloro-3-methylphenol	50.0	34.3		ug/L		69	19 - 128
2-Methylnaphthalene	50.0	28.4		ug/L		57	16 - 115
Hexachlorocyclopentadiene	50.0	18.5		ug/L		37	10 - 115

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-99114/2-A
Matrix: Water
Analysis Batch: 99281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 99114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4,6-Trichlorophenol	50.0	30.7		ug/L		61	20 - 120
2,4,5-Trichlorophenol	50.0	28.8		ug/L		58	22 - 117
2-Chloronaphthalene	50.0	28.5		ug/L		57	17 - 115
2-Nitroaniline	50.0	37.5		ug/L		75	37 - 119
Dimethyl phthalate	50.0	40.2		ug/L		80	48 - 127
Acenaphthylene	50.0	36.6		ug/L		73	29 - 129
3-Nitroaniline	50.0	41.3		ug/L		83	40 - 115
Acenaphthene	50.0	32.3		ug/L		65	25 - 115
2,4-Dinitrophenol	50.0	41.7		ug/L		83	44 - 116
4-Nitrophenol	50.0	25.7		ug/L		51	20 - 115
Dibenzofuran	50.0	33.9		ug/L		68	28 - 115
2,4-Dinitrotoluene	50.0	43.7		ug/L		87	61 - 118
2,6-Dinitrotoluene	50.0	42.7		ug/L		85	46 - 119
Diethyl phthalate	50.0	45.8		ug/L		92	59 - 115
4-Chlorophenyl phenyl ether	50.0	42.6		ug/L		85	32 - 115
Fluorene	50.0	38.9		ug/L		78	39 - 115
4-Nitroaniline	50.0	50.8		ug/L		102	67 - 115
2-Methyl-4,6-dinitrophenol	50.0	43.8		ug/L		88	53 - 115
N-Nitrosodiphenylamine	50.0	40.9		ug/L		82	57 - 115
4-Bromophenyl phenyl ether	50.0	37.8		ug/L		76	42 - 115
Hexachlorobenzene	50.0	40.3		ug/L		81	49 - 115
Pentachlorophenol	50.0	41.3		ug/L		83	54 - 115
Phenanthrene	50.0	43.3		ug/L		87	54 - 115
Anthracene	50.0	45.1		ug/L		90	54 - 115
Di-n-butyl phthalate	50.0	47.5		ug/L		95	58 - 115
Fluoranthene	50.0	42.9		ug/L		86	65 - 115
Pyrene	50.0	48.2		ug/L		96	64 - 122
Butyl benzyl phthalate	50.0	54.5		ug/L		109	37 - 115
3,3'-Dichlorobenzidine	50.0	20.1	*	ug/L		40	45 - 119
Benzo[a]anthracene	50.0	48.1		ug/L		96	63 - 116
Bis(2-ethylhexyl) phthalate	50.0	52.6		ug/L		105	59 - 115
Chrysene	50.0	46.9		ug/L		94	70 - 115
Di-n-octyl phthalate	50.0	53.4		ug/L		107	12 - 115
Benzo[b]fluoranthene	50.0	42.8		ug/L		86	66 - 115
Benzo[a]pyrene	50.0	41.0		ug/L		82	62 - 121
Benzo[k]fluoranthene	50.0	53.5		ug/L		107	66 - 115
Indeno[1,2,3-cd]pyrene	50.0	46.2		ug/L		92	68 - 115
Benzo[g,h,i]perylene	50.0	57.1		ug/L		114	67 - 128
Benzoic acid	50.0	13.2		ug/L		26	10 - 115
Azobenzene	50.0	42.2		ug/L		84	42 - 115
Dibenz(a,h)anthracene	50.0	48.6		ug/L		97	65 - 121

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*62*		*25 - 102*
2-Fluorobiphenyl	*56*		*10 - 101*
Terphenyl-d14	*92*		*57 - 117*
2-Fluorophenol	*28*		*10 - 65*
Phenol-d5	*20*		*10 - 46*
2,4,6-Tribromophenol	*79*		*18 - 123*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-99114/3-A
Matrix: Water
Analysis Batch: 99281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 99114

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Phenol	50.0	15.5		ug/L		31	10 - 115	27	51
Bis(2-chloroethyl)ether	50.0	36.6		ug/L		73	12 - 115	28	35
2-Chlorophenol	50.0	30.7		ug/L		61	14 - 115	27	40
1,3-Dichlorobenzene	50.0	26.0		ug/L		52	13 - 115	23	40
1,4-Dichlorobenzene	50.0	28.4		ug/L		57	14 - 115	22	41
Benzyl alcohol	50.0	29.1		ug/L		58	19 - 115	26	35
1,2-Dichlorobenzene	50.0	28.6		ug/L		57	17 - 115	27	35
2-Methylphenol	50.0	29.2		ug/L		58	13 - 115	23	35
4-Methylphenol	100	49.4		ug/L		49	10 - 115	25	35
N-Nitrosodi-n-propylamine	50.0	38.3		ug/L		77	17 - 115	23	34
Hexachloroethane	50.0	26.2		ug/L		52	9 - 115	23	35
Nitrobenzene	50.0	38.8		ug/L		78	18 - 115	30	43
Isophorone	50.0	39.4		ug/L		79	18 - 134	22	39
2-Nitrophenol	50.0	36.1		ug/L		72	14 - 115	27	46
2,4-Dimethylphenol	50.0	34.7		ug/L		69	10 - 119	22	44
Bis(2-chloroethoxy)methane	50.0	35.9		ug/L		72	10 - 119	24	46
2,4-Dichlorophenol	50.0	35.9		ug/L		72	13 - 118	31	38
1,2,4-Trichlorobenzene	50.0	30.3		ug/L		61	17 - 115	27	51
Naphthalene	50.0	35.5		ug/L		71	12 - 115	25	42
4-Chloroaniline	50.0	32.0		ug/L		64	26 - 115	16	49
Hexachlorobutadiene	50.0	30.7		ug/L		61	12 - 115	31	46
4-Chloro-3-methylphenol	50.0	40.9		ug/L		82	19 - 128	18	40
2-Methylnaphthalene	50.0	36.9		ug/L		74	16 - 115	26	45
Hexachlorocyclopentadiene	50.0	25.7		ug/L		51	10 - 115	33	63
2,4,6-Trichlorophenol	50.0	35.8		ug/L		72	20 - 120	15	43
2,4,5-Trichlorophenol	50.0	36.7		ug/L		73	22 - 117	24	41
2-Chloronaphthalene	50.0	36.2		ug/L		72	17 - 115	24	49
2-Nitroaniline	50.0	41.6		ug/L		83	37 - 119	10	29
Dimethyl phthalate	50.0	43.4		ug/L		87	48 - 127	8	29
Acenaphthylene	50.0	44.8		ug/L		90	29 - 129	20	40
3-Nitroaniline	50.0	41.7		ug/L		83	40 - 115	1	30
Acenaphthene	50.0	39.7		ug/L		79	25 - 115	21	40
2,4-Dinitrophenol	50.0	43.2		ug/L		86	44 - 116	4	21
4-Nitrophenol	50.0	25.4		ug/L		51	20 - 115	1	32
Dibenzofuran	50.0	39.9		ug/L		80	28 - 115	16	46
2,4-Dinitrotoluene	50.0	45.2		ug/L		90	61 - 118	3	19
2,6-Dinitrotoluene	50.0	46.6		ug/L		93	46 - 119	9	26
Diethyl phthalate	50.0	47.4		ug/L		95	59 - 115	3	24
4-Chlorophenyl phenyl ether	50.0	48.7		ug/L		97	32 - 115	13	38
Fluorene	50.0	44.2		ug/L		88	39 - 115	13	39
4-Nitroaniline	50.0	52.1		ug/L		104	67 - 115	3	23
2-Methyl-4,6-dinitrophenol	50.0	45.9		ug/L		92	53 - 115	5	19
N-Nitrosodiphenylamine	50.0	44.3		ug/L		89	57 - 115	8	27
4-Bromophenyl phenyl ether	50.0	42.6		ug/L		85	42 - 115	12	29
Hexachlorobenzene	50.0	43.9		ug/L		88	49 - 115	9	28
Pentachlorophenol	50.0	41.9		ug/L		84	54 - 115	1	22
Phenanthrene	50.0	45.8		ug/L		92	54 - 115	6	35
Anthracene	50.0	46.4		ug/L		93	54 - 115	3	25
Di-n-butyl phthalate	50.0	49.5		ug/L		99	58 - 115	4	26

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-99114/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 99281 — **Prep Batch: 99114**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Fluoranthene			50.0	43.5		ug/L		87	65 - 115	1	26
Pyrene			50.0	49.6		ug/L		99	64 - 122	3	22
Butyl benzyl phthalate			50.0	56.2		ug/L		112	37 - 115	3	21
3,3'-Dichlorobenzidine			50.0	20.9	*	ug/L		42	45 - 119	4	30
Benzo[a]anthracene			50.0	48.3		ug/L		97	63 - 116	0	24
Bis(2-ethylhexyl) phthalate			50.0	54.8		ug/L		110	59 - 115	4	30
Chrysene			50.0	49.4		ug/L		99	70 - 115	5	24
Di-n-octyl phthalate			50.0	55.1		ug/L		110	12 - 115	3	27
Benzo[b]fluoranthene			50.0	47.6		ug/L		95	66 - 115	11	31
Benzo[a]pyrene			50.0	42.4		ug/L		85	62 - 121	3	23
Benzo[k]fluoranthene			50.0	49.6		ug/L		99	66 - 115	8	39
Indeno[1,2,3-cd]pyrene			50.0	46.9		ug/L		94	68 - 115	2	19
Benzo[g,h,i]perylene			50.0	57.2		ug/L		114	67 - 128	0	35
Benzoic acid			50.0	15.2		ug/L		30	10 - 115	14	56
Azobenzene			50.0	45.8		ug/L		92	42 - 115	8	35
Dibenz(a,h)anthracene			50.0	49.0		ug/L		98	65 - 121	1	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*81*		*25 - 102*
2-Fluorobiphenyl	*70*		*10 - 101*
Terphenyl-d14	*93*		*57 - 117*
2-Fluorophenol	*38*		*10 - 65*
Phenol-d5	*27*		*10 - 46*
2,4,6-Tribromophenol	*83*		*18 - 123*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)

Lab Sample ID: 11I1888-BLK1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11I1888 — **Prep Batch: 11I1888_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.50		ug/l		09/16/11 08:58	09/18/11 12:44	1.00

Surrogate	*Blank % Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*59*		*30 - 120*	*09/16/11 08:58*	*09/18/11 12:44*	*1.00*

Lab Sample ID: 11I1888-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total**
Analysis Batch: 11I1888 — **Prep Batch: 11I1888_P**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
1,4-Dioxane			2.00	1.28	MNR1	ug/l		64	35 - 120		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*74*	*MNR1*	*30 - 120*

Method: EPA 8270C - SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD) (Continued)

Lab Sample ID: 11I1888-BSD1
Matrix: Water
Analysis Batch: 11I1888

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 11I1888_P

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,4-Dioxane			2.00	1.48		ug/l		74	35 - 120	14	25

Surrogate	*LCS Dup % Recovery*	*LCS Dup Qualifier*	*Limits*
1,4-Dioxane-d8	*86*		*30 - 120*

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

Lab Sample ID: MB 720-99024/1-A
Matrix: Water
Analysis Batch: 99072

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 99024

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		09/14/11 14:10	09/15/11 09:47	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*92*		*23 - 156*	*09/14/11 14:10*	*09/15/11 09:47*	*1*

Lab Sample ID: LCS 720-99024/2-A
Matrix: Water
Analysis Batch: 98974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 99024

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Diesel Range Organics [C10-C28]			2500	2090		ug/L		84	40 - 150		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*115*		*23 - 156*

Lab Sample ID: LCSD 720-99024/3-A
Matrix: Water
Analysis Batch: 98974

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 99024

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	2040		ug/L		81	40 - 150	3	35

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*110*		*23 - 156*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-99101/1-A
Matrix: Water
Analysis Batch: 99074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 99101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50		ug/L		09/15/11 11:57	09/16/11 00:50	1
PCB-1221	ND		0.50		ug/L		09/15/11 11:57	09/16/11 00:50	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 720-99101/1-A
Matrix: Water
Analysis Batch: 99074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 99101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.50		ug/L		09/15/11 11:57	09/16/11 00:50	1
PCB-1242	ND		0.50		ug/L		09/15/11 11:57	09/16/11 00:50	1
PCB-1248	ND		0.50		ug/L		09/15/11 11:57	09/16/11 00:50	1
PCB-1254	ND		0.50		ug/L		09/15/11 11:57	09/16/11 00:50	1
PCB-1260	ND		0.50		ug/L		09/15/11 11:57	09/16/11 00:50	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*		*28 - 124*	*09/15/11 11:57*	*09/16/11 00:50*	*1*
DCB Decachlorobiphenyl	*57*		*5 - 122*	*09/15/11 11:57*	*09/16/11 00:50*	*1*

Lab Sample ID: LCS 720-99101/2-A
Matrix: Water
Analysis Batch: 99074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 99101

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
PCB-1016			4.00	2.97		ug/L		74	63 - 114		
PCB-1260			4.00	3.30		ug/L		82	65 - 111		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*59*		*28 - 124*
DCB Decachlorobiphenyl	*53*		*5 - 122*

Lab Sample ID: LCSD 720-99101/3-A
Matrix: Water
Analysis Batch: 99074

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 99101

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016			4.00	2.83		ug/L		71	63 - 114	5	20
PCB-1260			4.00	3.12		ug/L		78	65 - 111	5	20

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*58*		*28 - 124*
DCB Decachlorobiphenyl	*47*		*5 - 122*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-99043/1-A
Matrix: Water
Analysis Batch: 99107

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 99043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0025		mg/L		09/14/11 17:41	09/15/11 12:15	1
Chromium	ND		0.010		mg/L		09/14/11 17:41	09/15/11 12:15	1
Nickel	ND		0.010		mg/L		09/14/11 17:41	09/15/11 12:15	1
Lead	ND		0.0050		mg/L		09/14/11 17:41	09/15/11 12:15	1
Zinc	ND		0.020		mg/L		09/14/11 17:41	09/15/11 12:15	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-99043/2-A
Matrix: Water
Analysis Batch: 99107

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 99043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cadmium	1.00	0.962		mg/L		96	80 - 120
Chromium	1.00	0.962		mg/L		96	80 - 120
Nickel	1.00	1.01		mg/L		101	80 - 120
Lead	1.00	1.01		mg/L		101	80 - 120
Zinc	1.00	0.967		mg/L		97	80 - 120

Lab Sample ID: LCSD 720-99043/3-A
Matrix: Water
Analysis Batch: 99107

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 99043

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cadmium	1.00	0.973		mg/L		97	80 - 120	1	20
Chromium	1.00	0.979		mg/L		98	80 - 120	2	20
Nickel	1.00	1.02		mg/L		102	80 - 120	1	20
Lead	1.00	1.02		mg/L		102	80 - 120	0	20
Zinc	1.00	0.977		mg/L		98	80 - 120	1	20

Lab Sample ID: 720-37439-1 MS
Matrix: Water
Analysis Batch: 99107

Client Sample ID: MW-1
Prep Type: Total/NA
Prep Batch: 99043

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Cadmium	0.0042		1.00	0.942		mg/L		94	75 - 125
Chromium	0.13		1.00	1.10		mg/L		96	75 - 125
Nickel	0.18		1.00	1.14		mg/L		97	75 - 125
Lead	0.020		1.00	0.983		mg/L		96	75 - 125
Zinc	0.18		1.00	1.12		mg/L		95	75 - 125

Lab Sample ID: 720-37439-1 MSD
Matrix: Water
Analysis Batch: 99107

Client Sample ID: MW-1
Prep Type: Total/NA
Prep Batch: 99043

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cadmium	0.0042		1.00	0.934		mg/L		93	75 - 125	1	20
Chromium	0.13		1.00	1.10		mg/L		96	75 - 125	0	20
Nickel	0.18		1.00	1.14		mg/L		96	75 - 125	0	20
Lead	0.020		1.00	0.971		mg/L		95	75 - 125	1	20
Zinc	0.18		1.00	1.12		mg/L		94	75 - 125	0	20

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 500-125789/1-A
Matrix: Water
Analysis Batch: 125790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125789

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		13		mg/L		09/19/11 09:00	09/19/11 13:05	1

Method: 1664A - HEM and SGT-HEM (Continued)

Lab Sample ID: LCS 500-125789/2-A
Matrix: Water
Analysis Batch: 125790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125789

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
HEM (Oil & Grease)			103	97.9		mg/L		96	78 - 114		

Lab Sample ID: LCSD 500-125789/3-A
Matrix: Water
Analysis Batch: 125790

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125789

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
HEM (Oil & Grease)			103	95.1		mg/L		93	78 - 114	3	18

GC/MS VOA

Analysis Batch: 99014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-99014/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-99014/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-99014/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-99014/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-99014/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 99198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-99198/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-99198/8	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-99198/7	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-99198/9	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-99198/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS Semi VOA

Prep Batch: 99114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	3510C	
LCS 720-99114/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-99114/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-99114/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 99173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	8270C	99114
MB 720-99114/1-A	Method Blank	Total/NA	Water	8270C	99114

Analysis Batch: 99281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-99114/2-A	Lab Control Sample	Total/NA	Water	8270C	99114
LCSD 720-99114/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	99114

GCMS-Semivolatiles

Analysis Batch: 11I1888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I1888-BLK1	Method Blank	Total	Water	EPA 8270C	11I1888_P
11I1888-BS1	Lab Control Sample	Total	Water	EPA 8270C	11I1888_P
11I1888-BSD1	Lab Control Sample Dup	Total	Water	EPA 8270C	11I1888_P
720-37439-1	MW-1	Total	Water	EPA 8270C	11I1888_P

GCMS-Semivolatiles (Continued)

Prep Batch: 11I1888_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11I1888-BLK1	Method Blank	Total	Water	EPA 3520C	
11I1888-BS1	Lab Control Sample	Total	Water	EPA 3520C	
11I1888-BSD1	Lab Control Sample Dup	Total	Water	EPA 3520C	
720-37439-1	MW-1	Total	Water	EPA 3520C	

GC Semi VOA

Analysis Batch: 98974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-99024/2-A	Lab Control Sample	Total/NA	Water	8015B	99024
LCSD 720-99024/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	99024

Prep Batch: 99024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	3510C	
LCS 720-99024/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-99024/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-99024/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 99072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	8015B	99024
MB 720-99024/1-A	Method Blank	Total/NA	Water	8015B	99024

Analysis Batch: 99074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	8082	99101
LCS 720-99101/2-A	Lab Control Sample	Total/NA	Water	8082	99101
LCSD 720-99101/3-A	Lab Control Sample Dup	Total/NA	Water	8082	99101
MB 720-99101/1-A	Method Blank	Total/NA	Water	8082	99101

Prep Batch: 99101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	3510C	
LCS 720-99101/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-99101/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-99101/1-A	Method Blank	Total/NA	Water	3510C	

Metals

Prep Batch: 99043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	3010A	
720-37439-1 MS	MW-1	Total/NA	Water	3010A	
720-37439-1 MSD	MW-1	Total/NA	Water	3010A	
LCS 720-99043/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 720-99043/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
MB 720-99043/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 99107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	6010B	99043

Metals (Continued)

Analysis Batch: 99107 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1 MS	MW-1	Total/NA	Water	6010B	99043
720-37439-1 MSD	MW-1	Total/NA	Water	6010B	99043
LCS 720-99043/2-A	Lab Control Sample	Total/NA	Water	6010B	99043
LCSD 720-99043/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	99043
MB 720-99043/1-A	Method Blank	Total/NA	Water	6010B	99043

General Chemistry

Prep Batch: 125789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	1664A	
LCS 500-125789/2-A	Lab Control Sample	Total/NA	Water	1664A	
LCSD 500-125789/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	
MB 500-125789/1-A	Method Blank	Total/NA	Water	1664A	

Analysis Batch: 125790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37439-1	MW-1	Total/NA	Water	1664A	125789
LCS 500-125789/2-A	Lab Control Sample	Total/NA	Water	1664A	125789
LCSD 500-125789/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	125789
MB 500-125789/1-A	Method Blank	Total/NA	Water	1664A	125789

Lab Chronicle

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Client Sample ID: MW-1
Date Collected: 09/12/11 14:25
Date Received: 09/13/11 13:00

Lab Sample ID: 720-37439-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	99014	09/14/11 17:45	AC	TAL SF
Total/NA	Analysis	8260B/CA_LUFTMS		20	99198	09/16/11 14:25	AC	TAL SF
Total/NA	Prep	3510C			99114	09/15/11 14:07	RU	TAL SF
Total/NA	Analysis	8270C		1	99173	09/16/11 12:53	ML	TAL SF
Total	Prep	EPA 3520C		1.0	11I1888_P	09/16/11 08:58	BLP	TAL IRV
Total	Analysis	EPA 8270C		1.0	11I1888	09/19/11 13:31	AMI	TAL IRV
Total/NA	Prep	3510C			99024	09/14/11 14:10	RU	TAL SF
Total/NA	Analysis	8015B		1	99072	09/15/11 10:10	DH	TAL SF
Total/NA	Prep	3510C			99101	09/15/11 11:57	AM	TAL SF
Total/NA	Analysis	8082		1	99074	09/15/11 23:41	WR	TAL SF
Total/NA	Prep	3010A			99043	09/14/11 17:41	SK	TAL SF
Total/NA	Analysis	6010B		1	99107	09/15/11 12:40	CAM	TAL SF
Total/NA	Prep	1664A			125789	09/19/11 12:01	MTB	TAL CHI
Total/NA	Analysis	1664A		1	125790	09/19/11 16:11	MTB	TAL CHI

Laboratory References:
TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200
TAL IRV = TestAmerica Irvine, 17461 Derian Avenue. Suite 100, Irvine, CA 92614, TEL (949) 261-1022
TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica San Francisco	California	State Program	9	2496
TestAmerica Irvine	Arizona	State Program	9	AZ0671
TestAmerica Irvine	California	LA Cty Sanitation Districts	9	10256
TestAmerica Irvine	California	NELAC	9	1108CA
TestAmerica Irvine	California	State Program	9	2706
TestAmerica Irvine	Guam	State Program	9	Cert. No. 10.001r
TestAmerica Irvine	Hawaii	State Program	9	N/A
TestAmerica Irvine	Nevada	State Program	9	CA015312007A
TestAmerica Irvine	New Mexico	State Program	6	N/A
TestAmerica Irvine	Northern Mariana Islands	State Program	9	MP0002
TestAmerica Irvine	USDA	USDA		P330-09-00080
TestAmerica Chicago	ACLASS	DoD ELAP		ADE-1429
TestAmerica Chicago	ACLASS	ISO/IEC 17025		AT-1428
TestAmerica Chicago	Alabama	State Program	4	40461
TestAmerica Chicago	California	NELAC	9	01132CA
TestAmerica Chicago	Florida	NELAC	4	E871072
TestAmerica Chicago	Georgia	Georgia EPD	4	N/A
TestAmerica Chicago	Georgia	State Program	4	939
TestAmerica Chicago	Hawaii	State Program	9	N/A
TestAmerica Chicago	Illinois	NELAC	5	100201
TestAmerica Chicago	Indiana	State Program	5	C-IL-02
TestAmerica Chicago	Iowa	State Program	7	82
TestAmerica Chicago	Kansas	NELAC	7	E-10161
TestAmerica Chicago	Kentucky	Kentucky UST	4	66
TestAmerica Chicago	Kentucky	State Program	4	90023
TestAmerica Chicago	Louisiana	NELAC	6	30720
TestAmerica Chicago	Massachusetts	State Program	1	M-IL035
TestAmerica Chicago	Mississippi	State Program	4	N/A
TestAmerica Chicago	North Carolina	North Carolina DENR	4	291
TestAmerica Chicago	Oklahoma	State Program	6	8908
TestAmerica Chicago	South Carolina	State Program	4	77001
TestAmerica Chicago	Texas	NELAC	6	T104704252-09-TX
TestAmerica Chicago	USDA	USDA		P330-09-00027
TestAmerica Chicago	Virginia	NELAC Secondary AB	3	460142
TestAmerica Chicago	Wisconsin	State Program	5	999580010
TestAmerica Chicago	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL SF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SF
EPA 8270C	SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C MOD)		TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
1664A	HEM and SGT-HEM	1664A	TAL CHI

Protocol References:

1664A = EPA-821-98-002

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL IRV = TestAmerica Irvine, 17461 Derian Avenue. Suite 100, Irvine, CA 92614, TEL (949) 261-1022

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

Sample Summary

Client: ACC Environmental Consultants
Project/Site: 3080 Broadway, Oakland

TestAmerica Job ID: 720-37439-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-37439-1	MW-1	Water	09/12/11 14:25	09/13/11 13:00

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

720-37439

133681

CHAIN OF CUSTODY BTS # 110912-J01

CLIENT: ACC Environmental

SITE: 3080 Broadway
Oakland, CA

CONDUCT ANALYSIS TO DETECT

LAB: Test America - SF

DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

- ☐ EPA
- ☐ LIA
- ☐ OTHER
- ☐ RWQCB REGION

SPECIAL INSTRUCTIONS

Invoice to: ACC Environmental
Attn: Julia Siudyla
Report to: Julia Siudyla jsiudyla@accenv.com

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL		C = COMPOSITE ALL CONTAINERS	TPH-g, BTEX, (5) Oxys, Chloronated Hydrocarbons, EDB, EDC (8260)	TPH-d (8015M)	Oil & Grease (1664)	Cadmium, Chromium, lead, nickel, zinc (ICAP)	PCB (8082)	PCP, PNA, Creosote (8270C)	1,4-Dioxane (8270 SIM)		ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	9-12-11	1425	W	14	Mixed		X	X	X	X	X	X	X					

SAMPLING COMPLETED	DATE	TIME
	9-12-11	

SAMPLING PERFORMED BY: J. Ortiz

RESULTS NEEDED NO LATER THAN: **Standard TAT** 3.7°C

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	9-12-11	1620	(Sample Custodian)	9-12-11	1620
(Sample Custodian)	9/13/11	0955		09/13/11	0955
	09/13/11	1300	TASF	9/13/11	1300

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

09/20/2011

Login Sample Receipt Checklist

Client: ACC Environmental Consultants

Job Number: 720-37439-1

Login Number: 37439

List Source: TestAmerica San Francisco

List Number: 1

Creator: Hoang, Julie

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: ACC Environmental Consultants

Job Number: 720-37439-1

Login Number: 37439
List Number: 1
Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago
List Creation: 09/15/11 03:11 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
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 sample IDs on the containers 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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	