ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

June 16, 2015

Ms. Kelly York
Chevron Environmental Management Co.
6101 Bollinger Canyon Rd.
San Ramon, CA 94583
(sent via electronic mail to kyork@chevron.com)

Mr. Nissan and Carol Saidian Trust
and Leon Zektser & et al.
1310 Central Ave
Alameda, CA 94501

JSR Enterprises, Inc.
Address Unknown

Nissan and Carol Saidian Trust
5733 Medallion Court
Castro Valley, CA 94552

Subject: Case Closure for Fuel Leak Case No. RO0000124 and GeoTracker Global ID # T0600102093; Chevron #9-9708, 5910 MacArthur Boulevard, Oakland, 94605

Dear Ladies and Gentlemen:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25296.10[g]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.waterboards.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

Due to residual contamination, the site was closed with Site Management Requirements that limit future land use to the current commercial land use as an active fueling station. Site Management Requirements are further described in Additional Information of the attached Case Closure Summary.

If you have any questions, please call Mark Detterman at (510) 567-6876. Thank you.

Sincerely,

Dilan Roe

Dilan Roe, P.E.
LOP and SCP Program Manager

Enclosures:
1. Remedial Action Completion Certification
2. Case Closure Summary

Cc w/enc.: Susan Hugo, Alameda County Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502; (Sent via electronic mail to: susan.hugo@acgov.org)

Mark J. Arniola, City of Oakland Public Works Environmental Services, 250 Frank H. Ogawa Plaza, Suite 4314, Oakland, CA 94612 (Sent via E-mail to: marniola@oaklandnet.com)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

REMEDIAL ACTION COMPLETION CERTIFICATION

June 16, 2015

Ms. Kelly York
Chevron Environmental Management Co.
6101 Bollinger Canyon Rd.
San Ramon, CA 94583
(sent via electronic mail to kyork@chevron.com)

Mr. Nissan and Carol Saidian Trust
and Leon Zektser & et al.
1310 Central Ave
Alameda, CA 94501

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Address Unknown

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5733 Medallion Court
Castro Valley, CA 94552

Subject: Case Closure for Fuel Leak Case No. RO0000124 and GeoTracker Global ID # T0600102093; Chevron #9-9708, 5910 MacArthur Boulevard, Oakland, 94605

Dear Ladies and Gentlemen:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

Please be aware that claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ronald Browder
Acting Director

Gopakumar Nair, City of Oakland Public Works Environmental Services, 250 Frank H. Ogawa Plaza, Suite 4314, Oakland, CA 94612 (Sent via E-mail to: gnair@oaklandnet.com)

Toni DeMayo, Arcadis US, Inc, 320 Commerce, Suite 200, Irvine, CA 92602
(sent via electronic mail to Toni.DeMayo@arcadis-us.com)

Melissa Blanchette, Arcadis US, Inc, 320 Commerce, Suite 200, Irvine, CA 92602
(sent via electronic mail to Melissa.Blanchette@arcadis-us.com)

Mark Detterman, ACEH, (sent via electronic mail to mark.detterman@acgov.org)
Geotracker, Electronic File

UST Case Closure Summary Form

Agency Information

Date: June 16, 2015

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6876
Staff Person: Mark Detterman	Title: Senior Hazardous Materials Specialist

Case Information

Facility Name: Chevron #9-9708		
Facility Address: 5910 MacArthur Boulevard, Oakland, 94605		
RB LUSTIS Case No: 01-2277	Local Case No.: 871	LOP Case No.: RO0000124
URF Filing Date: 6/18/1997	GeoTracker Global ID: T0600102093	
APN: 37A-2737-22-3	Current Land Use: Active fueling station	
Responsible Party(s):	Address:	Phone:
Chevron Environmental Management, Co. c/o Ms. Kelly York	6101 Bollinger Canyon Road San Ramon, CA 94583	(925) 790-6480
Mr. Nissan and Carol Saidian Trust and Leon Zektser & et al. c/o Nissan Saidain	1310 Central Ave Alameda, CA 94501	----
Nissan and Carol Saidian Trust c/o Nissan Saidian	5733 Medallion Court Castro Valley, CA 94552	----
JSR Enterprises, Inc. c/o Joginder Sethi	Address Unknown	----

Tank Information

Tank No.	Size (gal)	Contents	Closed in-Place/ Removed/Active	Date
	Unknown	Waste Oil	Reported Removed	Unknown

Conceptual Site Model (Attachment 1, 2 pages)

Low Threat Closure Policy (LTCP) Checklist (Attachment 2, 1 page)

LTCP Groundwater Specific Criteria (Attachment 3, 1 page)

LTCP Vapor Specific Criteria (Attachment 4, 1 page)

LTCP Direct Contact and Outdoor Air Exposure Criteria (Attachment 5, 1 page)

Optional Site Map(s) (Attachment 6, 8 pages)

Analytical Data (Attachment 7, 49 pages)

UST Case Closure Summary Form

Additional Information:

Site Management Requirements: This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Under the current land use as an active fueling station, the site is not required to meet media-specific criteria for vapor intrusion to indoor air. Additionally, the removal of the secondary source at the former waste oil UST location has not been substantiated; however, residual contamination does not appear to be substantially impacting groundwater offsite. While the Direct Contact and Outdoor Air Exposure Media-Specific Criteria cannot be evaluated, the site is entirely paved and can be managed with the requirement for pavement as a site management condition. Therefore, case closure is granted for the current commercial land use as an active fueling station.

If a change in land use to any residential, commercial other than as a commercial fueling station, or conservative land use, or if any redevelopment occurs, Alameda County Environmental health (ACEH) must be notified as required by Government Code Section 65850.2.2.

Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.

RWQCB Notification

Notification Date: December 17, 2014

RWQCB Staff Name: Cherie McCaulou	Title: Engineering Geologist

Local Agency Representative

Prepared by: Mark Detterman	Title: Senior Hazardous Materials Specialist
Signature: Mark E. Detterman	Date: 6/16/2015
Approved by: Dilan Roe	Title: LOP and SCP Program Manager
Signature: Dilan Roe	Date: 6/16/2015

This Case Closure Summary along with the Case Closure Transmittal letter and the Remedial Action Completion Certification provides documentation of the case closure. This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions. The Conceptual Site Model may not contain all available data. Additional information on the case can be viewed in the online case file. The entire case file can be viewed over the Internet on the Alameda County Environmental Health (ACEH) website (http://www.acgov.org/aceh/lop/ust.htm) or the State of California Water Resources Control Board GeoTracker website (http://geotracker.waterboards.ca.gov). Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the ACEH website.

ATTACHMENT 1

CSM Report Go

CHEVRON #9-9708 (T0600102093) - MAP THIS SITE — OPEN - ELIGIBLE FOR CLOSURE

5910 MACARTHUR BLVD
OAKLAND , CA 94605
ALAMEDA COUNTY

VIEW PRINTABLE CASE SUMMARY FOR THIS SITE

ACTIVITIES REPORT

PUBLIC WEBPAGE

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP *(LEAD) - CASE #: RO0000124*
CASEWORKER: MARK DETTERMAN - SUPERVISOR: DILAN ROE
SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 01-2277*
CASEWORKER: Cherie McCaulou - SUPERVISOR: Cheryl L. Prowell

CUF Claim #: 17878 CUF Priority Assigned: D CUF Amount Paid: $0

CR Site ID #: NOT SPECIFIED

THIS PROJECT WAS LAST MODIFIED BY *MARK DETTERMAN* ON 6/16/2015 11:38:14 AM - HISTORY

THIS SITE HAS SUBMITTALS. CLICK HERE TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CSM REPORT - VIEW PUBLIC NOTICING VERSION OF THIS REPORT

UST CLEANUP FUND CLAIM INFORMATION (DATA PULLED FROM SCUFIS)

CLAIM NO	PRIORITY	CLAIMANT	SITE ADDRESS	AMT REIMB TO DATE	AGE OF LOC	IMPACTED WELLS?	FIVE YEAR REVIEW INFORMATION				
							REVIEW NUM	REVIEWER	FUND RECOMMENDATION	TO OVERSIGHT DATE	TO CLAIMANT DATE
17878	D	CHEVRON PRODUCTS COMPANY 6101 BOLLINGER CANYON RD BLD BR1X #5339, SAN RAMON CA 94583	5910 MACARTHUR BLVD OAKLAND, CA 94605				1	walter bahm	Recommended Case Closure	11/13/2014	

PROJECT INFORMATION (DATA PULLED FROM GEOTRACKER) - MAP THIS SITE

SITE NAME / ADDRESS	STATUS	STATUS DATE	RELEASE REPORT DATE	AGE OF CASE	CLEANUP OVERSIGHT AGENCIES
CHEVRON #9-9708 (Global ID: T0600102093) 5910 MACARTHUR BLVD OAKLAND, CA 94605	Open - Eligible for Closure	12/17/2014	6/18/1997	18	ALAMEDA COUNTY LOP *(LEAD) - CASE #: RO0000124* *CASEWORKER: MARK DETTERMAN - SUPERVISOR: DILAN ROE* SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 01-2277* *CASEWORKER: Cherie McCaulou - SUPERVISOR: Cheryl L. Prowell*

STAFF NOTES (INTERNAL)
Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

RSR/CSM initiated 06/20/14 MLC

SITE HISTORY
Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

In June 1997 a baseline property transaction investigation was completed at an existing service station at this location. Wells MW-1 to MW-3 had been installed in May 1997 as a part of this investigation. In April 1999 offsite well MW-4 was installed. In January 2002 offsite wells MW-5 and MW-6 were installed. Soil bores B-1 to B-8 (B-5 was not installed) were installed in June 2012 to advance the case towards closure.

Previously case review indicated that TPHd and TPH mo had not been included in analytical program in soil or groundwater associated with the former waste oil UST. The more recent analytical results indicated elevated concentrations of potential concern (38,000 ug/l TPHmo and 19,000 ug/l TPHd) in groundwater. The use of Silica Gel Cleanup indicated that a significant concentration of degradation products was included in the extractable hydrocarbon analysis. Onsite groundwater concentrations were reduced to 13,000 ug/l TPHmo with Silica Gel Cleanup. The extent of TPHmo in groundwater appears to be predominately onsite.

The removal of the secondary source at the former waste oil UST location has not been determined and the site fails the Low Threat Closure Policy (LTCP) due to this. However, maintenance or construction workers employed at the facility are required by California regulations to be trained in health and safety concerns associated with volatile motor fuels, and thus are expected to be prepared for potential exposures in their standard work routines. Potential exposures to the general public are expected to be transitory and could occur only while temporarily present for the purpose of fueling their vehicles or obtaining related automotive services. As an active fueling station the site is entirely paved except for limited areas around the perimeter of the site, and exposure to site soils is prevented, except in controlled conditions under the current commercial land use as an active service station. Therefore the case has been closed under the LTCP.

RESPONSIBLE PARTIES

NAME	ORGANIZATION	ADDRESS	CITY	EMAIL
IAN ROBB	CHEVRON CORPORATION	6101 Bollinger Canyon Road, 5th Floor	SAN RAMON	
JOGINDER SETHI	JSR ENterprises, Inc.	1981 CAMINO RAMON	DANVILLE	
NISSAN SAIDIAN	NA	5733 MEDALLION CT	CASTRO VALLEY	
NISSAN, CAROL SAIDIAN, LEON ZEKTSER	Nissan and Carol Saidian Trust	1310 CENTRAL AVENUE	ALAMEDA	

CLEANUP ACTION INFO

NO CLEANUP ACTIONS HAVE BEEN REPORTED

RISK INFORMATION

VIEW LTCP CHECKLIST — VIEW PATH TO CLOSURE PLAN — VIEW CASE REVIEWS

CONTAMINANTS OF CONCERN	CURRENT LAND USE	BENEFICIAL USE	DISCHARGE SOURCE	DATE REPORTED	STOP METHOD	NEARBY / IMPACTED WELLS
Gasoline, Waste Oil / Motor / Hydraulic / Lubricating	Commercial	GW - Municipal and Domestic Supply		6/18/1997	Other Means	0

FREE PRODUCT	OTHER CONSTITUENTS	NAME OF WATER SYSTEM	LAST REGULATORY ACTIVITY	LAST ESI UPLOAD	LAST EDF UPLOAD	EXPECTED CLOSURE DATE	MOST RECENT CLOSURE REQUEST
NO	NO	EBMUD	2/27/2015	5/21/2015	7/17/2014		3/29/2013

CDPH WELLS WITHIN 1500 FEET OF THIS SITE
NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN: 037A273702203
GW BASIN NAME: Santa Clara Valley - East Bay Plain (2-9.04)
WATERSHED NAME: South Bay - East Bay Cities (204.20)
COUNTY: Alameda
PUBLIC WATER SYSTEM(S):
- **EAST BAY MUD** - 375 ELEVENTH STREET, OAKLAND, CA 94607

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - HIDE

VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
B-1	6/14/2012		ND	ND	ND	OTHER	ND	
B-2	6/15/2012		ND	ND	ND	OTHER	ND	
B-3	6/15/2012		ND	ND	ND	OTHER	ND	
B-4	6/15/2012		ND	ND	ND	OTHER	ND	
B-7	6/15/2012		0.9 UG/L	ND	3.6 UG/L	OTHER	2.3 UG/L	
B-8	6/15/2012		0.56 UG/L	ND	14 UG/L	OTHER	12 UG/L	
MW-1	6/5/2014	OTHER	4.2 UG/L	ND	0.62 UG/L	ND	18 UG/L	
MW-2	6/5/2014	OTHER	ND	ND	ND	ND	11 UG/L	
MW-3	6/25/2014	OTHER	ND	ND	ND	ND	ND	
MW-4	6/5/2014	OTHER	ND	8.6 UG/L	ND	ND	ND	
MW-5	6/5/2014	OTHER	ND	ND	ND	ND	1.1 UG/L	
MW-6	6/5/2014	OTHER	ND	ND	ND	ND	ND	
QA	12/8/2010	OTHER	ND	ND	ND	ND	ND	
QCTB	6/5/2014	OTHER	ND	ND	ND	ND	ND	
TBLB	9/18/2001	OTHER	ND	ND	ND	ND	ND	

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - HIDE

VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
B-1-S-12	6/14/2012		ND	ND	ND			
B-1-S-4	6/12/2012		ND	ND	ND			
B-2-S-12	6/14/2012		ND	ND	ND			
B-2-S-2	6/14/2012		ND	ND	ND			
B-3-S-12	6/15/2012		ND	ND	ND		ND	
B-3-S-4	6/14/2012		ND	ND	ND			
B-4-S-12	6/15/2012		ND	ND	ND		ND	

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
B-4-S-8	6/13/2012		ND	ND	ND			
B-6-S-4	6/13/2012		ND	ND	ND			
B-7-S-14	6/13/2012		ND	ND	350 UG/KG			
B-7-S-6	6/13/2012		ND	ND	ND			
B-8-S-14	6/14/2012		ND	ND	2.1 UG/KG			
B-8-S-6	6/14/2012		ND	ND	ND			

MOST RECENT GEO_WELL DATA - HIDE VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	DEPTH TO WATER (FT)	SHEEN	DEPTH TO FREE PRODUCT (FT)
MW-1	12/18/2012	10.62	N	
MW-2	12/18/2012	12.97	N	
MW-3	12/18/2012	10.21	N	
MW-4	12/18/2012	12.68	N	
MW-5	12/18/2012	10.32	N	
MW-6	12/18/2012	9.17	N	

LOGGED IN AS MARKDETT

CONTACT GEOTRACKER HELP

ATTACHMENT 2

LTCP Checklist Go

GEOTRACKER HOME | MANAGE PROJECTS | REPORTS | SEARCH | LOGOUT

CHEVRON #9-9708 (T0600102093) - MAP THIS SITE — OPEN - ELIGIBLE FOR CLOSURE

5910 MACARTHUR BLVD
OAKLAND , CA 94605
ALAMEDA COUNTY
VIEW PRINTABLE CASE SUMMARY FOR THIS SITE

ACTIVITIES REPORT
PUBLIC WEBPAGE

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0000124
CASEWORKER: MARK DETTERMAN - SUPERVISOR: DILAN ROE
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-2277
CASEWORKER: Cherie McCaulou - SUPERVISOR: Cheryl L. Prowell

CUF Claim #: 17878 CUF Priority Assigned: D CUF Amount Paid: $0
CR Site ID #: NOT SPECIFIED

THIS PROJECT WAS LAST MODIFIED BY MARK DETTERMAN ON 12/22/2014 10:47:08 AM - HISTORY

THIS SITE HAS SUBMITTALS. CLICK HERE TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CLOSURE POLICY

THIS VERSION IS FINAL AS OF 12/22/2014 — CHECKLIST INITIATED ON 5/23/2013 — CLOSURE POLICY HISTORY

General Criteria - *The site satisfies the policy general criteria* - CLEAR SECTION ANSWERS — NO

a. Is the unauthorized release located within the service area of a public water system? — • YES ○ NO

Name of Water System :
EBMUD

b. The unauthorized release consists only of petroleum (info). — • YES ○ NO

c. The unauthorized ("primary") release from the UST system has been stopped. — • YES ○ NO

d. Free product has been removed to the maximum extent practicable (info). — • FP Not Encountered ○ YES ○ NO

e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed (info). — • YES ○ NO

f. Secondary source has been removed to the extent practicable (info). — ○ YES • NO

Impediment to Removing Secondary Source (Check all that Apply):
- ☐ Remediation Has Not Been Attempted
- ☐ Remediation Was Designed Incorrectly
- ☐ Remediation Was Shut Off Prematurely
- ☐ Poor Remediation O&M
- ☑ Other -

The waste oil source removal is undocumented.

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15. — ○ Not Required • YES ○ NO

h. Does a nuisance exist, as defined by Water Code section 13050. — ○ YES • NO

1. Media-Specific Criteria: Groundwater - *The contaminant plume that exceeds water quality objectives is stable or decreasing in areal extent, and meets all of the additional characteristics of one of the five classes of sites listed below.* - CLEAR SECTION ANSWERS — YES

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - Info) — ○ YES • NO

Does the site meet any of the Groundwater specific criteria scenarios? — • YES ○ NO

1.4 - The contaminant plume that exceeds water quality objectives is <1,000 feet in length. There is no free product. The nearest existing water supply well or surface water body is >1,000 feet from the defined plume boundary. The dissolved concentrations of benzene and MTBE are both <1,000 µg/L. — • YES ○ NO

2. Media Specific Criteria: Petroleum Vapor Intrusion to Indoor Air - *The site is considered low-threat for the vapor-intrusion-to-air pathway if site-specific conditions satisfy items 2a, 2b, or 2c* - CLEAR SECTION ANSWERS — YES

EXEMPTION - Active Commercial Petroleum Fueling Facility — • YES ○ NO

3. Media Specific Criteria: Direct Contact and Outdoor Air Exposure - *The site is considered low-threat for direct contact and outdoor air exposure if it meets 1, 2, or 3 below.* - CLEAR SECTION ANSWERS — YES

EXEMPTION - The upper 10 feet of soil is free of petroleum contamination — ○ YES • NO

Does the site meet any of the Direct Contact and Outdoor Air Exposure criteria scenarios? — • YES ○ NO

3.3 - The regulatory agency has determined the concentration of petroleum constituents in soil will have no significant risk or adversely affect human health. — • YES ○ NO

Additional Information

Should this case be closed in spite of NOT meeting policy criteria? — • YES ○ NO

Explain:

The site is an active commercial service station. As such, maintenance or construction workers employed at the facility are required by California regulations to be trained in health and safety concerns associated with volatile motor fuels, and thus are expected to be prepared for potential exposures in their standard work routines. Potential exposures to the general public are expected to be transitory and could occur only while temporarily present for the purpose of fueling their vehicles or obtaining related automotive services. As an active fueling station the site is entirely paved except for limited areas around the perimeter of the site, and exposure to site soils is prevented, except in controlled conditions under the current land use.

Has this LTCP Checklist been updated for FY 14/15? — • YES ○ NO

SPELL CHECK

Save Form as Partially Completed | Save Form as Complete

LOGGED IN AS MARKDETT — CONTACT GEOTRACKER HELP

ATTACHMENT 3

ATTACHMENT 3
LTCP GROUNDWATER SPECIFIC CRITERIA

LTCP Groundwater Specific Scenario under which case was closed: Scenario 4

Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3 Criteria	LTCP Scenario 4 Criteria
Plume Length	<1,000 feet	<100 feet	<250 feet	<250 feet	<1,000 feet
Free Product	No free product	No free product	No free product	Removed to maximum extent practicable	No free product
Plume Stable or Decreasing	Stable	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	> 500 feet crossgradient; >1,000 downgradient	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	>2,500 feet downgradient	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	Not applicable for groundwater specific criteria.	Not applicable	Not applicable	Yes	Not applicable

GROUNDWATER CONCENTRATIONS

Constituent	Historic Site Maximum (µg/L)	Current Site Maximum (µg/L)	LTCP Scenario 1 Criteria (µg/L)	LTCP Scenario 2 Criteria (µg/L)	LTCP Scenario 3 Criteria (µg/L)	LTCP Scenario 4 Criteria (µg/L)
Benzene	1,500	4.2	No criteria	<3,000	No criteria	<1,000
MTBE	12,000	18	No criteria	<1,000	No criteria	<1,000
TPHmo	38,000	13,000	No criteria	No criteria	No criteria	No criteria

Scenario 5: If the site does not meet scenarios 1 through 4, has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?	----

Attachment 3 Comments:

The closest surface water body to the site is a short non-culverted portion of Lion Creek at an approximate distance of 2,500 feet downgradient. At one time the Lion Creek culvert flowed directly beneath the western portion of the site; however, in approximately the year 2000 the culverted Lion Creek was rerouted to a location that is approximately 120 feet downgradient of the site. It is the understanding of ACEH that the onsite culvert segment has been abandoned.

Using the water well survey results from the GeoTracker Groundwater Ambient Monitoring Assessment (GAMA) tool indicates that no public water supply wells, no Calif. Dept. of Public Health (CDPH), no Dept. Pesticide Regulation (DPR), and no Dept. of Water Resources (DWR) water wells are present within a 2,000 foot radius of the site.

Using the Alameda County Public Works Agency (ACPWA) resources for water wells indicates no water supply wells within a 1,320 foot (1/4 mile) radius. One cathodic protection well is located approximately 510 feet crossgradient to the east from the site. Based on the groundwater flow direction (west and northwest) the well is not expected to be a receptor for the site.

ATTACHMENT 4

ATTACHMENT 4
LTCP VAPOR SPECIFIC CRITERIA

LTCP Vapor Specific Scenario under which case was closed: Active fueling station exempt from vapor specific criteria.

Active Fueling Station	Active as of June 16, 2015

Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered LNAPL	No LNAPL	LNAPL in groundwater	LNAPL in soil	No LNAPL	No LNAPL	No LNAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	12 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Soil in Bioattenuation Zone	>600 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	No criteria <100 mg/kg
Maximum Current Benzene Concentration in Groundwater	4.2 µg/L	No criteria	No criteria	<100 µg/L	≥100 and <1,000 µg/L	<1,000 µg/L	No criteria
Oxygen Data within Bioattenuation Zone	No oxygen data	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	----	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS

Site Soil Vapor Data			No Bioattenuation Zone		Bioattenuation Zone	
Constituent	Historic Maximum ($\mu g/m^3$)	Current Maximum ($\mu g/m^3$)	Residential	Commercial	Residential	Commercial
Benzene	----	----	<85	<280	<85,000	<280,000
Ethylbenzene	----	----	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	----	----	<93	<310	<93,000	<310,000

If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?	----
If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health?	----

Attachment 4 Comments: The site is an active service station.

ATTACHMENT 5

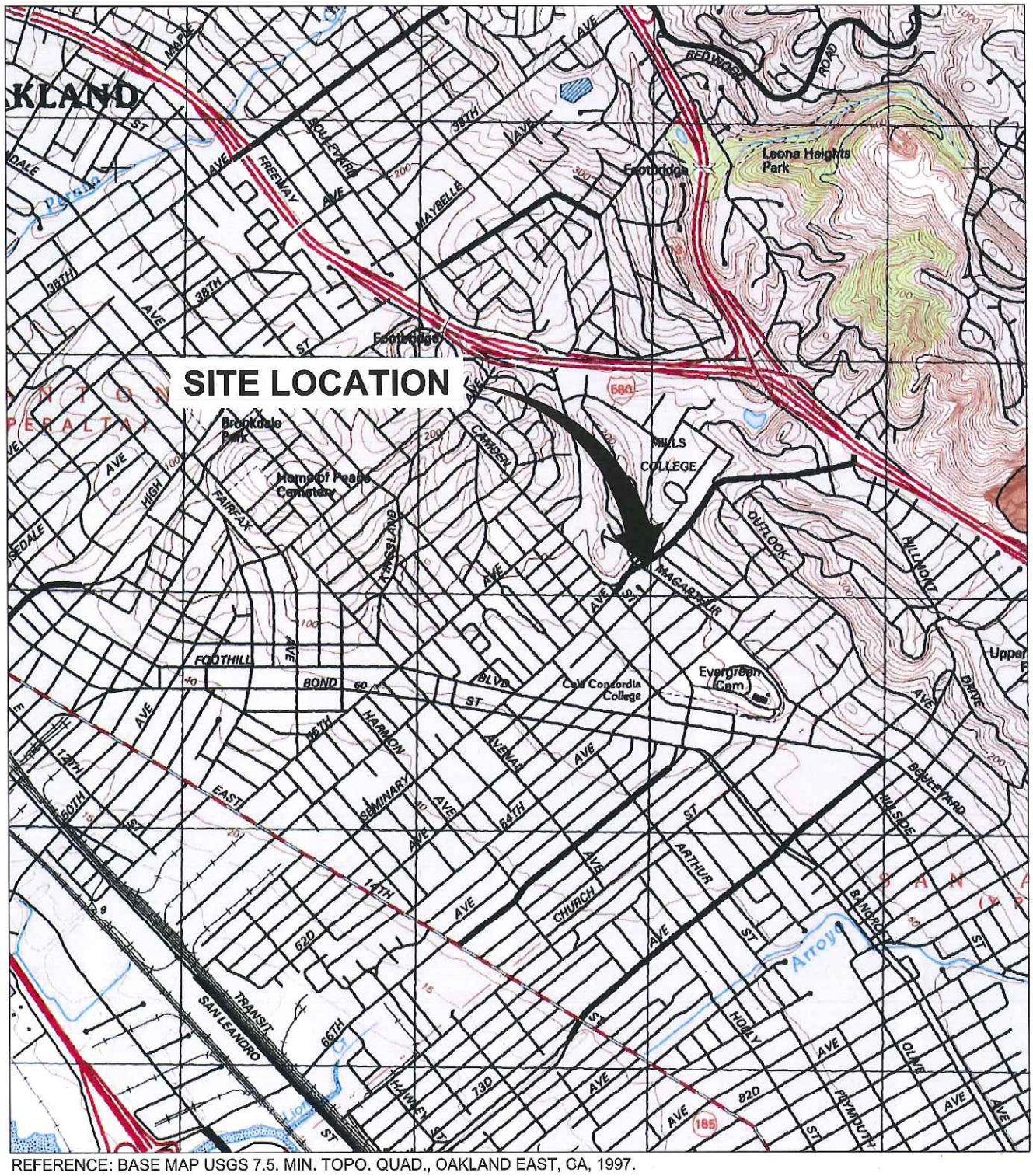
ATTACHMENT 5
LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA

LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: A determination has been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls.

Are maximum concentrations less than those in Table 1 below?		Yes				
Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 10 feet bgs (mg/kg)
Site Maximum	Benzene	<0.002	<0.002	<0.002	<0.002	<0.002
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	<0.002	<0.002	<0.002	<0.002	<0.002
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	<0.005	<0.005	<0.005	<0.005	<0.005
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	----	----	----	----	----
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5
If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment?		----				
If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?		Yes				

Attachment 5 Comments: The site is an active commercial service station. As such, maintenance or construction workers employed at the facility are required by California regulations to be trained in health and safety concerns associated with volatile motor fuels, and thus are expected to be prepared for potential exposures in their standard work routines. Potential exposures to the general public are expected to be transitory and could occur only while temporarily present for the purpose of fueling their vehicles or obtaining related automotive services. As an active fueling station the site is entirely paved except for limited areas around the perimeter of the site, and exposure to site soils is prevented, except in controlled conditions under the current land use.

ATTACHMENT 6



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., OAKLAND EAST, CA, 1997.

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.

FORMER CHEVRON SERVICE STATION NO. 9-9708
5910 MACARTHUR BOULEVARD, OAKLAND, CA

SITE LOCATION MAP

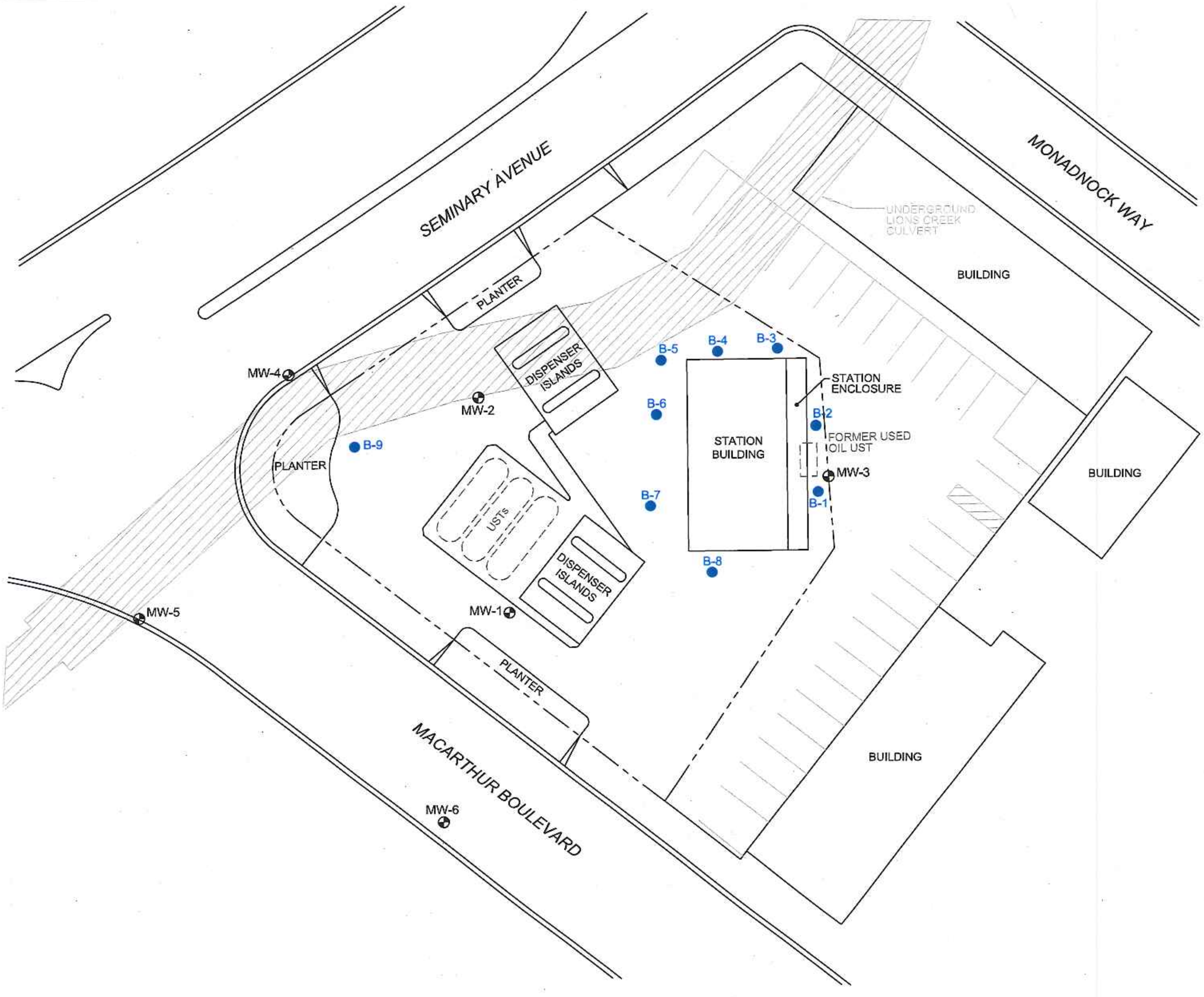
ARCADIS

FIGURE 1

CITY:(SYRACUSE) DIV/GROUP:(ENV/IM-DV) DB:(DHOWES) LD:(Opt) PIC:(NA) PM:(BJWALL) TM:(Opt) - LYR:(Opt)ON=*;OFF=*REF*
G:\ENV\CAD\SYRACUSE\ACTB\060909\19708\000001\DWG\60901N01.dwg LAYOUT: 1 SAVED: 1/12/2012 8:12 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: — PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 1/12/2012 8:13 AM BY: HOWES, DAVID
XREFS: IMAGES: PROJECTNAME: —
CA_Oakland_East.tif
CA_Oakland_East.tif

Google

To see all the details that are visible on the screen, use the "Print" link next to the map.



LEGEND:

- - - - PROPERTY LINE

MW-1 MONITORING WELL

B-1 BORING LOCATION (APPROXIMATE)

UST UNDERGROUND STORAGE TANK

NOTES:

1. BASE MAP DIGITIZED FROM A PHOTOCOPY OF A DRAWING BY CONESTOGA-ROVER ASSOCIATES (CRA) TITLED "GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP", DATED JUNE 13, 2011, AT A SCALE OF 1" = 30'.
2. ALL LOCATIONS ARE APPROXIMATE.

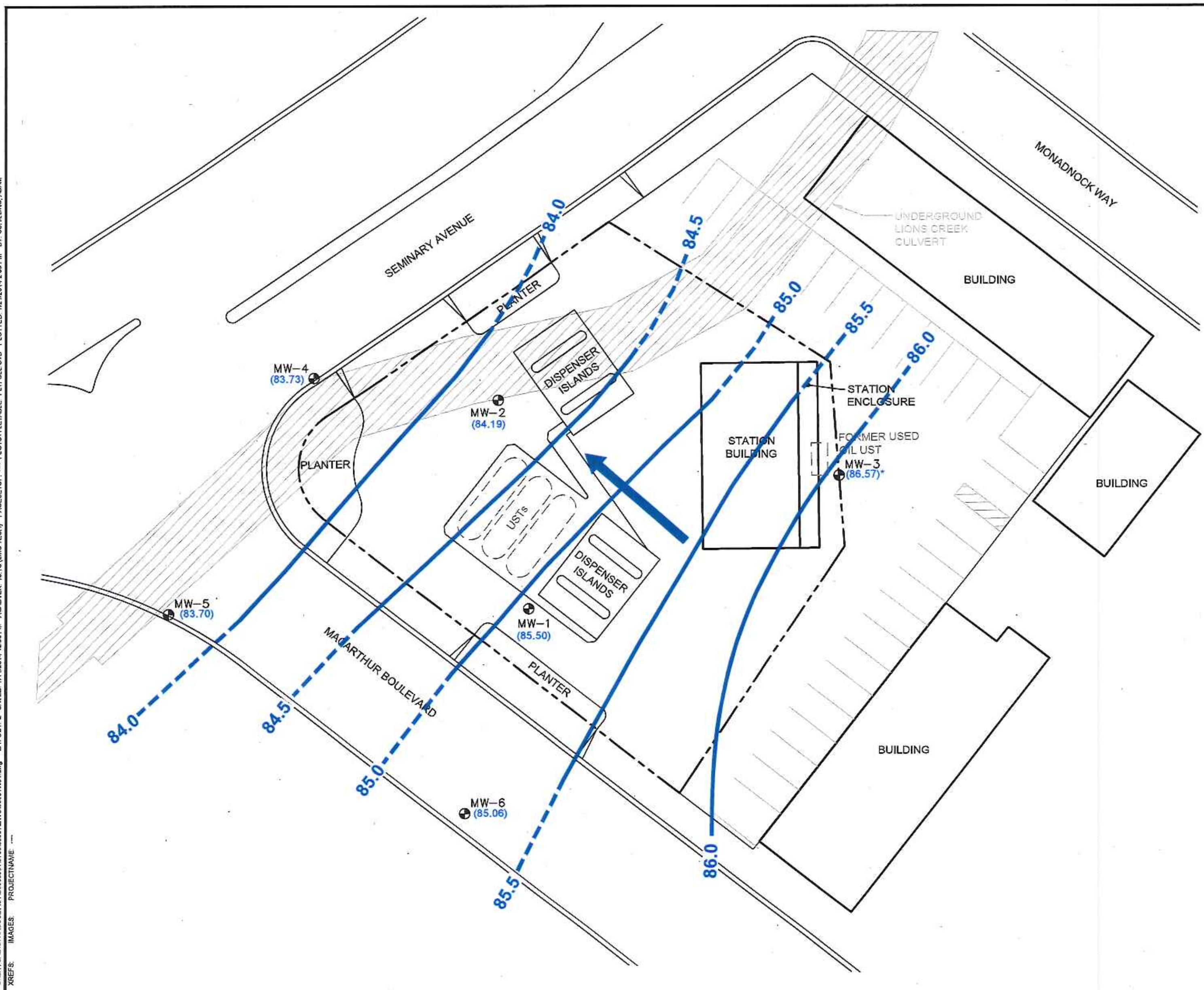
0 30' 60'
GRAPHIC SCALE

FORMER CHEVRON SERVICE STATION NO. 9-9708
5910 MACARTHUR BOULEVARD, OAKLAND, CA
SITE CLOSURE REQUEST

SITE MAP

ARCADIS

FIGURE
2



LEGEND:

- PROPERTY LINE
- MONITORING WELL
- UST — UNDERGROUND STORAGE TANK
- (84.25) — GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (FT AMSL)
- 85 — GROUNDWATER ELEVATION CONTOUR, DASHED WHERE INFERRED (FT AMSL)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW. HYDRAULIC GRADIENT IS APPROXIMATELY 0.018 FEET PER FOOT (FT/FT)
- * MONITORED AT A LATER DATE DUE DUE TO INACCESSIBILITY

NOTES:

1. BASE MAP DIGITIZED FROM A PHOTOCOPY OF A DRAWING BY CONESTOGA-ROVER ASSOCIATES (CRA) TITLED "GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP", DATED JUNE 13, 2011, @ A SCALE OF 1" = 30'.
2. ALL LOCATIONS ARE APPROXIMATE.
3. GROUNDWATER ELEVATION DATA FROM MONITORING WELL MW-3 NOT INCLUDED IN CONTOURING SINCE DATA WAS COLLECTED ON A SEPARATE DAY FROM WHEN THE OTHER SITE WELLS WERE MONITORED.

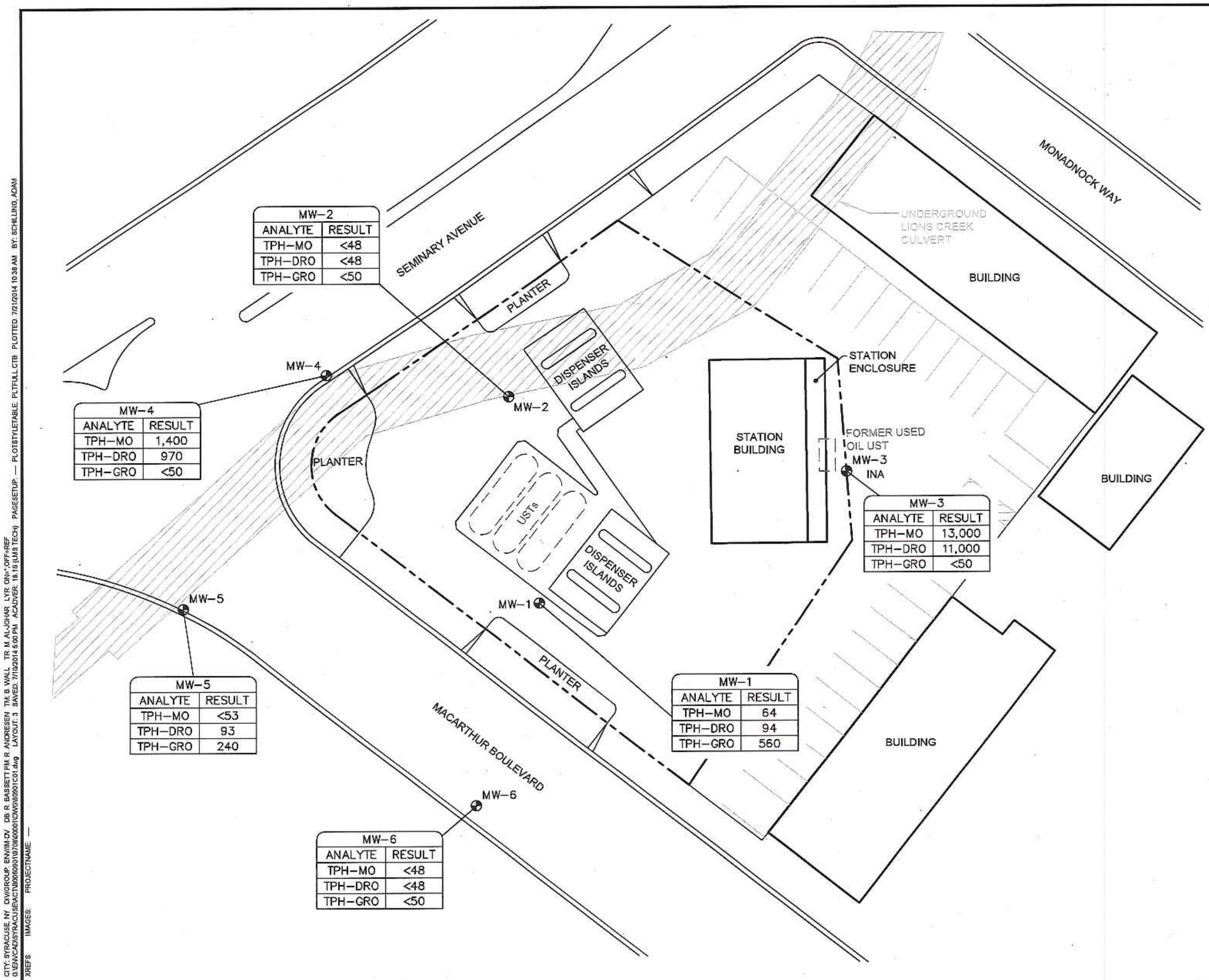
0 30' 60'
GRAPHIC SCALE

FORMER CHEVRON SERVICE STATION 9-9708
5910 MACARTHUR BOULEVARD, OAKLAND, CA

GROUNDWATER ELEVATION CONTOUR MAP - FIRST SEMIANNUAL 2014

ARCADIS

FIGURE 2



MW-1

ANALYTE	RESULT
TPH-MO	64
TPH-DRO	94
TPH-GRO	560

MW-2

ANALYTE	RESULT
TPH-MO	<48
TPH-DRO	<48
TPH-GRO	<50

MW-3

ANALYTE	RESULT
TPH-MO	13,000
TPH-DRO	11,000
TPH-GRO	<50

MW-4

ANALYTE	RESULT
TPH-MO	1,400
TPH-DRO	970
TPH-GRO	<50

MW-5

ANALYTE	RESULT
TPH-MO	<53
TPH-DRO	93
TPH-GRO	240

MW-6

ANALYTE	RESULT
TPH-MO	<48
TPH-DRO	<48
TPH-GRO	<50

LEGEND:

----	PROPERTY LINE
⊕	MONITORING WELL
(UST)	UNDERGROUND STORAGE TANK
TPH-MO	TOTAL PETROLEUM HYDROCARBONS AS MOTOR OIL
TPH-DRO	TOTAL PETROLEUM HYDROCARBONS AS DIESEL
TPH-GRO	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
<=	NOT DETECTED ABOVE DETECTION LIMIT INDICATED
INA	INACCESSIBLE

NOTES:

1. BASE MAP DIGITIZED FROM A PHOTOCOPY OF A DRAWING BY CONESTOGA-ROVER ASSOCIATES (CRA) TITLED "GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP", DATED JUNE 13, 2011, @ A SCALE OF 1" = 30'.
2. ALL LOCATIONS ARE APPROXIMATE.
3. ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER.

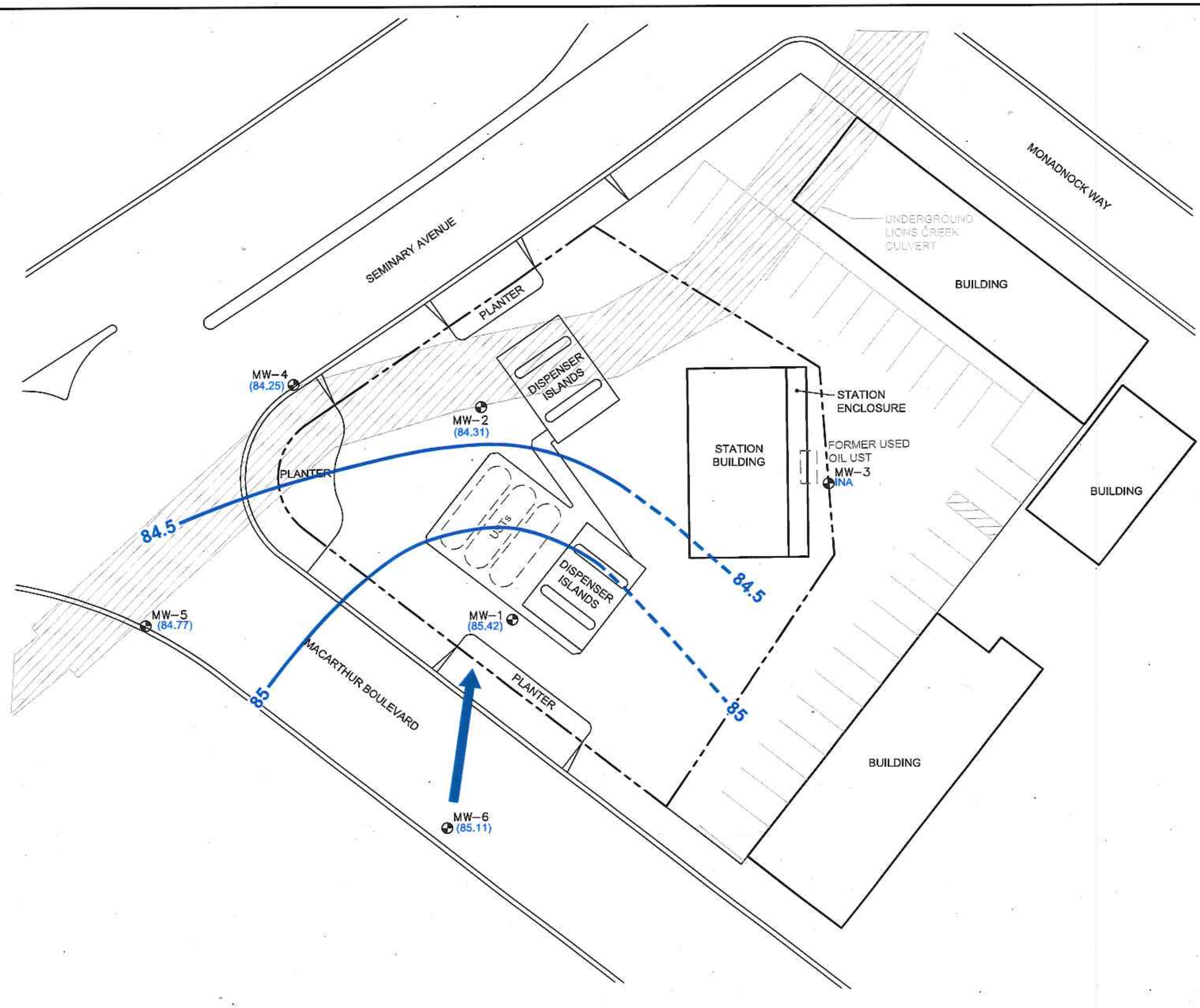
0 30' 60'
GRAPHIC SCALE

FORMER CHEVRON SERVICE STATION 9-9708
5910 MACARTHUR BOULEVARD, OAKLAND, CA

CONCENTRATION MAP - FIRST SEMIANNUAL 2014

ARCADIS

FIGURE 3



LEGEND:

- PROPERTY LINE
- MONITORING WELL
- UST — UNDERGROUND STORAGE TANK
- (84.25) — GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (FT AMSL)
- 85 — GROUNDWATER ELEVATION CONTOUR, DASHED WHERE INFERRED (FT AMSL)
- APPROXIMATE DIRECTION OF GROUNDWATER FLOW. HYDRAULIC GRADIENT IS APPROXIMATELY 0.007 FEET PER FOOT (FT/FT)
- INA — INACCESSIBLE

NOTES:

1. BASE MAP DIGITIZED FROM A PHOTOCOPY OF A DRAWING BY CONESTOGA-ROVER ASSOCIATES (CRA) TITLED "GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP", DATED JUNE 13, 2011, @ A SCALE OF 1" = 30'.
2. ALL LOCATIONS ARE APPROXIMATE.

0 30' 60'
GRAPHIC SCALE

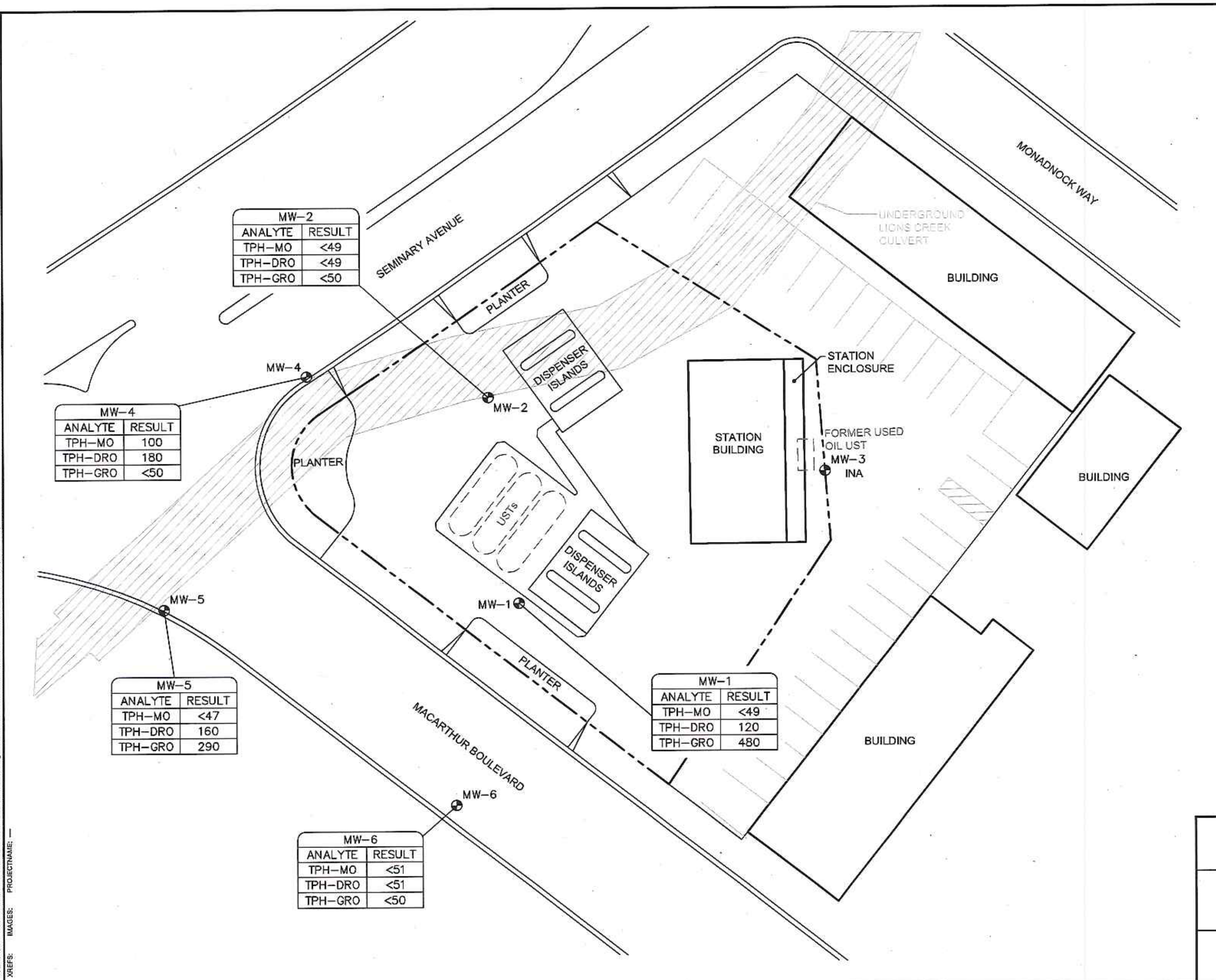
FORMER CHEVRON SERVICE STATION 9-9708
5910 MACARTHUR BOULEVARD, OAKLAND, CA

GROUNDWATER ELEVATION CONTOUR MAP - SECOND SEMIANNUAL 2013

ARCADIS

FIGURE 2

CITY: SYRACUSE, NY DIV/GROUP: ENV/IM-DV DB: R. BASSETT PM: R. ANDRESEN TM: S. WALL TR: M. AL-JOHAR LYR: ON=*;OFF=REF
G:\ENVCAD\SYRACUSE\ACT\B0060901\0708\00001\DWG\B0690109I01.dwg LAYOUT: 2 SAVED: 1/14/2014 5:20 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: — PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 1/14/2014 5:20 PM BY: BASSETT, RICHARD
XREFS: IMAGES: PROJECTNAME: —



LEGEND:

- - - - PROPERTY LINE

MONITORING WELL

(UST) UNDERGROUND STORAGE TANK

TPH-MO TOTAL PETROLEUM HYDROCARBONS AS MOTOR OIL

TPH-DRO TOTAL PETROLEUM HYDROCARBONS AS DIESEL

TPH-GRO TOTAL PETROLEUM HYDROCARBONS AS GASOLINE

<= NOT DETECTED ABOVE DETECTION LIMIT INDICATED

INA INACCESSIBLE

NOTES:

1. BASE MAP DIGITIZED FROM A PHOTOCOPY OF A DRAWING BY CONESTOGA-ROVER ASSOCIATES (CRA) TITLED "GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP", DATED JUNE 13, 2011, @ A SCALE OF 1" = 30'.
2. ALL LOCATIONS ARE APPROXIMATE.
3. ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER.

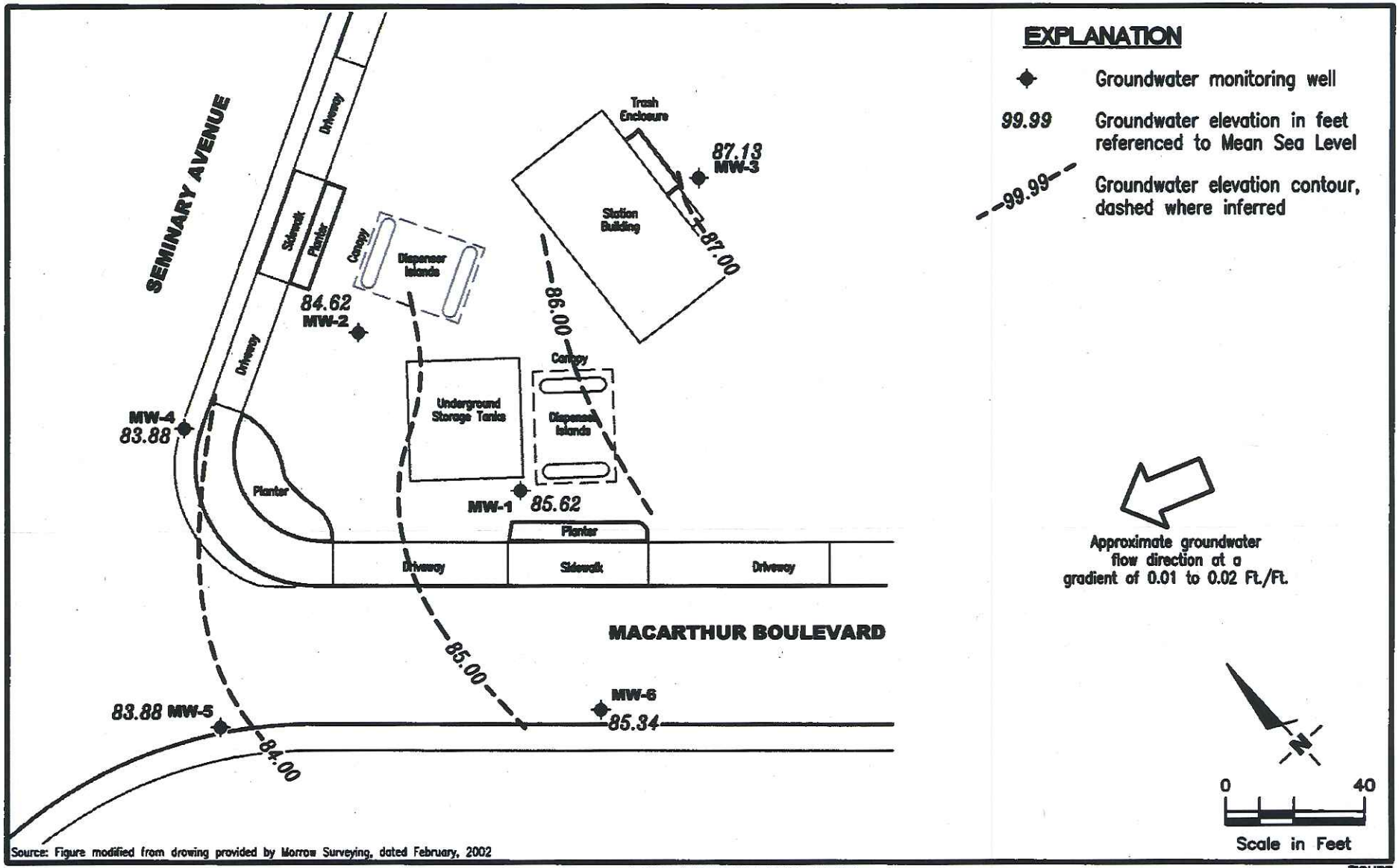
0 30' 60'
GRAPHIC SCALE

FORMER CHEVRON SERVICE STATION 9-9708
5910 MACARTHUR BOULEVARD, OAKLAND, CA

CONCENTRATION MAP - SECOND SEMIANNUAL 2013

ARCADIS

FIGURE 3



Source: Figure modified from drawing provided by Morrow Surveying, dated February, 2002

GETTLER - RYAN INC.
6747 Sierra Court, Suite J
Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386395		June 7, 2010	

FILE NAME: P:\Enviro\Chevron\9-9708\Q10-9-9708.DWG | Layout Tab: Pot2

ATTACHMENT 7

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA

FORMER CHEVRON SERVICE STATION 9-9708
5910 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

Location	Date	TOC	DTW	GWE	TPH-MO C29-C40	TPH-DRO C10-C28	TPH-GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Ethanol
	Units	(ft amsl)	(ft)	(ft amsl)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1	06/13/11	97.52	11.25	86.27	<41	75	<50	<0.5	<0.5	<0.5	<0.5	13	<50
MW-1	12/02/11	97.52	12.82	84.70	<520	<520	140	1.7	<0.50	<0.50	<1.5	14	<150
MW-1	06/21/12	97.52	13.27	84.25	<470	<470	130	<0.50	<0.50	<0.50	<1.0	11	<150
MW-1	12/18/12	97.52	10.62	86.90	<48	94	70	0.79	<0.50	<0.50	<1.0	10	<150
MW-1	06/11/13	97.52	12.26	85.26	<48	120	820	17	0.87	0.67	<1.0	22	<150
MW-1	12/12/13	97.52	12.10	85.42	<49	120	480	2.9	<0.50	<0.50	<1.0	12	<150
MW-1	**06/05/14**	**97.52**	**12.02**	**85.50**	**64**	**94**	**560**	**4.2**	**<0.50**	**0.62**	**<1.0**	**18**	**<150**
MW-2	06/13/11	97.81	14.06	83.75	<41	<50	<50	<0.5	<0.5	<0.5	<0.5	1	<50
MW-2	12/02/11	97.81	13.42	84.39	<520	<520	<50	<0.50	<0.50	<0.50	<1.5	3.8	<150
MW-2	06/21/12	97.81	13.90	83.91	<480	<480	<50	<0.50	<0.50	<0.50	<1.0	15	<150
MW-2	12/18/12	97.81	12.97	84.84	<48	130	<50	2.4	<0.50	<0.50	<1.0	2.9	<150
MW-2	06/11/13	97.81	14.88	82.93	<51	<51	<50	<0.50	<0.50	<0.50	<1.0	18	<150
MW-2	12/12/13	97.81	13.50	84.31	<49	<49	<50	<0.50	<0.50	<0.50	<1.0	2.7	<150
MW-2	**06/05/14**	**97.81**	**13.62**	**84.19**	**<48**	**<48**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**11**	**<150**
MW-3	06/13/11	98.78	11.69	87.09	38,000	19,000	<50	<0.5	2	<0.5	<0.5	<0.5	<50
MW-3	12/02/11	98.78	11.44	87.34	4,100	2,000	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<150
MW-3	06/21/12	98.78	11.80	86.98	1,500	6,800	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150
MW-3	12/18/12	98.78	10.21	88.57	570	1,800	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150
MW-3	06/11/13	98.78	12.20	86.58	860	4,100	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150
MW-3	12/12/13	98.78	INACCESSIBLE		–	–	–	–	–	–	–	–	–
MW-3	**06/25/14**	**98.78**	**12.21**	**86.57**	**13,000**	**11,000**	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-9708
5910 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

Location	Date	TOC	DTW	GWE	TPH-MO C29-C40	TPH-DRO C10-C28	TPH-GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Ethanol
	Units	(ft amsl)	(ft)	(ft amsl)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-4	06/13/11	97.14	13.07	84.07	1,900	2,000	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
MW-4	12/02/11	97.14	INACCESSIBLE		--	--	--	--	--	--	--	--	--
MW-4	06/21/12	97.14	14.43	82.71	620	1,900	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150
MW-4	12/18/12	97.14	12.68	84.46	1,400	3,100	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150
MW-4	06/11/13	97.14	14.20	82.94	120	590	<50	<0.50	1.8	<0.50	<1.0	<0.50	<150
MW-4	12/12/13	97.14	12.89	84.25	100	180	<50	<0.50	21	<0.50	<1.0	<0.50	<150
MW-4	**06/05/14**	**97.14**	**13.41**	**83.73**	**1,400**	**970**	**<50**	**<0.50**	**8.6**	**<0.50**	**<1.0**	**<0.50**	**<150**
MW-5	06/13/11	95.71	11.58	84.13	<42	240	240	<0.5	<0.5	<0.5	<0.5	0.9	<50
MW-5	12/02/11	95.71	11.68	84.03	<500	<500	180	<0.50	<0.50	<0.50	<1.5	1.4	<150
MW-5	06/21/12	95.71	12.22	83.49	<510	<510	200	<0.50	<0.50	<0.50	<1.0	0.68	<150
MW-5	12/18/12	95.71	10.32	85.39	<47	290	280	<0.50	<0.50	<0.50	<1.0	0.98	<150
MW-5	06/11/13	95.71	12.13	83.58	<47	190	170	<0.50	<0.50	<0.50	<1.0	0.64	<150
MW-5	12/12/13	95.71	10.94	84.77	<47	160	290	<0.50	<0.50	<0.50	<1.0	1.2	<150
MW-5	**06/05/14**	**95.71**	**12.01**	**83.70**	**<53**	**93**	**240**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**1.1**	**<150**
MW-6	06/13/11	95.84	10.59	85.25	<40	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50
MW-6	12/02/11	95.84	INACCESSIBLE		--	--	--	--	--	--	--	--	--
MW-6	06/21/12	95.84	INACCESSIBLE		--	--	--	--	--	--	--	--	--
MW-6	12/18/12	95.84	9.17	86.67	<47	<47	<50	<0.50	<0.50	<0.50	<1.0	2.2	<150
MW-6	06/11/13	95.84	10.90	84.94	<47	<47	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150
MW-6	12/12/13	95.84	10.73	85.11	<51	<51	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150
MW-6	**06/05/14**	**95.84**	**10.78**	**85.06**	**<48**	**<48**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<150**
QA	06/13/11	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
FORMER CHEVRON SERVICE STATION 9-9708
5910 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

Location	Date	TOC	DTW	GWE	TPH-MO C29-C40	TPH-DRO C10-C28	TPH-GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Ethanol
	Units	(ft amsl)	(ft)	(ft amsl)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
QA	12/02/11	–	–	–	–	–	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<150
QA	06/21/12	–	–	–	–	–	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150
QA	12/18/12	–	–	–	–	–	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150
QA	06/11/13	–	–	–	–	–	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150
QA	**12/12/13**	–	–	–	–	–	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<150**
QA	**06/05/14**	–	–	–	–	–	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<150**

Abbreviations and Notes:

TOC = Top of casing

DTW = Depth to Water (measured from top of casing)

GWE = Groundwater elevation

TPH-MO = Total petroleum hydrocarbons as motor oil range organics

TPH-DRO = Total petroleum hydrocarbons as diesel range organics

TPH-GRO = Total petroleum hydrocarbons as gasoline range organics

MTBE = Methyl tertiary butyl ether

Ft amsl = Feet above mean sea level

Ft = Feet

µg/l = micrograms per liter

< = Not detected above detection limit indicated

Table 1a
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
MW-1															
05/29/97	96.61	84.41	12.20	--	--	--	--	--	--	--	--	--	--	--	--
06/04/97	96.61	84.40	12.21	--	--	380	58	1.2	5.4	40	85	--	--	--	--
09/16/97	96.61	83.84	12.77	--	--	420	120	<0.5	19	2.7	28	--	--	--	--
12/17/97	96.61	85.43	11.18	--	--	210[1]	43	0.61	11	0.61	69	--	--	--	--
03/18/98	96.61	84.59	12.02	--	--	210[1]	47	<0.5	8.2	<0.5	92	--	--	--	--
06/28/98	96.61	83.99	12.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	66	--	--	--	--
09/07/98	96.61	82.32	14.29	--	--	<50	6.7	<0.5	<0.5	<0.5	92	--	--	--	--
12/29/98	96.61	83.18	13.43	--	--	<100	<1.0	<1.0	2.24	1.14	278	--	--	--	--
03/11/99	96.61	83.80	12.81	--	--	110	<1.0	<1.0	7.95	<1.0	418	--	--	--	--
05/04/99	96.61	83.85	12.76	--	--	--	--	--	--	--	--	--	--	--	--
06/29/99	96.61	84.06	12.55	--	--	352	34.6	<2.5	51	<2.5	780	--	--	--	--
09/29/99	96.61	83.21	13.40	--	--	647	167	<2.5	58.6	14.8	1,570	--	--	--	--
12/08/99	96.61	85.70	10.91	--	--	481	121	1.16	17.9	11	3,910	--	--	--	--
03/01/00	96.61	85.46	11.15	--	--	2,580	481	6.84	86.6	41.9	5,460	--	--	--	--
06/23/00	96.61	83.68	12.93	--	--	900[4]	120	<5.0	22	6.7	5,400	--	--	--	--
09/30/00	96.61	83.07	13.54	--	--	1,300[4]	450	5.5	170	11	2,000	--	--	--	--
12/08/00	96.61	83.63	12.98	--	--	<1,000	41.7	<10.0	11.5	<10.0	6,030	--	--	--	--
03/01/01	96.61	84.94	11.67	--	--	340[7]	36.6	<0.500	10.1	<0.500	3,360	--	--	--	--
06/19/01	96.61	83.94	12.67	--	--	610[4]	110	<5.0	9.2	<5.0	110	--	--	--	--
09/18/01	96.61	83.48	13.13	--	--	200	32	0.55	3.0	<1.5	1,600	--	--	--	--
12/26/01	96.61	85.14	11.47	--	--	140	9.1	<0.50	1.2	<1.5	1,900	--	--	--	--
03/06/02	97.52	86.38	11.14	--	--	93	7.0	<0.50	0.72	<1.5	1,000	--	--	--	--
06/21/02	97.52	84.92	12.60	--	--	93	8.2	<0.50	1.2	<1.5	1,300	--	--	--	--
09/27/02	97.52	84.38	13.14	--	--	78	1.5	<0.50	<0.50	<1.5	1,200	--	--	--	--
12/26/02	97.52	87.74	9.78	--	--	86	1.7	<0.50	<0.50	<1.5	600	--	--	--	--
03/28/03	97.52	85.96	11.56	--	--	190	24	<0.50	2.4	<1.5	1,200	--	--	--	--
06/16/03[11]	97.52	85.96	11.56	--	--	<50	3	<0.5	<0.5	<0.5	220	--	--	--	--
09/15/03[11]	97.52	85.21	12.31	--	--	53	3	<0.5	<0.5	<0.5	580	<50	--	--	--
12/15/03[11]	97.52	86.35	11.17	--	--	<50	<0.5	0.7	<0.5	0.8	410	<50	--	--	--
03/05/04[11]	97.52	86.09	11.43	--	--	760	110	2	12	2	460	<50	--	--	--
06/18/04[11]	97.52	85.40	12.12	--	--	1,400	200	3	7	2	740	<50	--	--	--
09/17/04[11]	97.52	85.12	12.40	--	--	920	48	<0.5	<0.5	<0.5	340	<50	--	--	--
12/17/04[11]	97.52	86.78	10.74	--	--	190	9	<0.5	<0.5	<0.5	110	<50	--	--	--
03/14/05[11]	97.52	87.67	9.85	--	--	120	5	<0.5	<0.5	<0.5	130	<50	--	--	--
06/13/05[11]	97.52	85.61	11.91	--	--	110	6	<0.5	<0.5	<0.5	130	<50	--	--	--
09/12/05[11]	97.52	85.31	12.21	--	--	290	10	<0.5	<0.5	<0.5	90	<50	--	--	--

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Former Chevron Service Station #9-9708
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Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
MW-1 (cont)															
12/12/05[11]	97.52	86.50	11.02	--	--	150	1	<0.5	<0.5	0.8	53	<50	--	--	--
03/13/06[11]	97.52	87.97	9.55	--	--	82	0.8	<0.5	<0.5	<0.5	66	<50	--	--	--
06/12/06[11]	97.52	86.52	11.00	--	--	140	4	<0.5	<0.5	<0.5	65	<50	--	--	--
09/11/06[11]	97.52	85.99	11.53	--	--	210	3	<0.5	<0.5	<0.5	32	<50	--	--	--
12/15/06[11]	97.52	88.13	9.39	--	--	190	1	<0.5	<0.5	<0.5	31	<50	--	--	--
03/16/07[11]	97.52	86.02	11.50	--	--	99	0.8	<0.5	<0.5	<0.5	41	<50	--	--	--
06/15/07[11]	97.52	86.46	11.06	--	--	210	10	<0.5	<0.5	<0.5	49	<50	--	--	--
09/14/07[11]	97.52	85.14	12.38	--	--	270	6	<0.5	<0.5	<0.5	35	<50	--	--	--
12/07/07[11]	97.52	84.88	12.64	--	--	90	0.7	<0.5	<0.5	<0.5	43	<50	--	--	--
03/07/08[11]	97.52	85.54	11.98	--	--	110	<0.5	<0.5	<0.5	<0.5	32	<50	--	--	--
06/06/08[11]	97.52	86.18	11.34	--	--	180	0.7	<0.5	<0.5	<0.5	29	<50	--	--	--
09/05/08[11]	97.52	85.39	12.13	--	--	200	1	<0.5	<0.5	<0.5	20	<50	--	--	--
12/15/08[11]	97.52	85.31	12.21	--	--	150	<0.5	<0.5	<0.5	<0.5	19	<50	--	--	--
03/16/09[11]	97.52	87.60	9.92	--	--	68	<0.5	<0.5	<0.5	<0.5	19	<50	--	--	--
06/15/09[11]	97.52	85.97	11.55	--	--	210	3	<0.5	<0.5	<0.5	21	<50	--	--	--
11/30/09[11]	97.52	85.41	12.11	--	--	61	<0.5	<0.5	<0.5	<0.5	21	<50	--	--	--
06/07/10[11]	97.52	85.62	11.90	--	--	140	1	<0.5	<0.5	<0.5	17	<50	--	--	--
12/08/10[11]	97.52	87.11	10.41	<39	--	60	<0.5	<0.5	<0.5	<0.5	14	<50	--	--	--
06/13/11[11]	97.52	86.27	11.25	<41[14]	75[14]	<50	<0.5	<0.5	<0.5	<0.5	13	<50	--	--	--
12/02/11[11]	97.52	84.70	12.82	<520[14]	<520[14]	140	1.7	<0.50	<0.50	<1.5	14	<150	--	--	--
6/21/2012[11]	97.52	84.25	13.27	<470	<470	130	<0.50	<0.50	<0.50	<1.0	11	<150	--	--	--
12/18/2012[1]	97.52	86.90	10.62	<48	94	70	0.79	<0.50	<0.50	<1.0	10	<150	--	--	--
MW-2															
05/29/97	96.91	83.85	13.06	--	--	--	--	--	--	--	--	--	--	--	--
06/04/97	96.91	83.96	12.95	--	--	1,600	120	5.9	32	15	2,100	--	--	--	--
09/16/97	96.91	83.92	12.99	--	--	1,100	23	3.2	7.0	2.5	1,200	--	--	--	--
12/17/97	96.91	84.73	12.18	--	--	7,100[1]	650	69	610	69	4,700/2,600[2]	--	--	--	--
03/18/98	96.91	84.21	12.70	--	--	5,900[1]	250	<50	98	<50	12,000/7,100[2]	--	--	--	--
06/28/98	96.91	83.98	12.93	--	--	4,300	400	<10	<10	<10	3,000/4,000[2]	--	--	--	--
09/07/98	96.91	83.94	12.97	--	--	3,700	220	5.1	38	7.6	1,300/1,400[2]	--	--	--	--
12/29/98	96.91	83.99	12.92	--	--	6,500	573	26.8	131	33.9	2,660	--	--	--	--
03/11/99	96.91	84.04	12.87	--	--	4,970	651	30.8	60.3	<5.0	2,600	--	--	--	--
05/04/99	96.91	84.05	12.86	--	--	--	--	--	--	--	--	--	--	--	--
06/29/99	96.91	83.98	12.93	--	--	2,030	238	11.6	8.98	<5.0	540	--	--	--	--
09/29/99	96.91	84.02	12.89	--	--	2,000	320	10.4	16.5	20.3	642	--	--	--	--
12/08/99	96.91	86.18	10.73	--	--	96.8	2.74	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/01/00	96.91	84.31	12.60	--	--	<50	6.92	<0.5	<0.5	<0.5	254	--	--	--	--
06/23/00	96.91	83.98	12.93	--	--	1,700[4]	490	7.5	<5.0	7.7	770	--	--	--	--
09/30/00	96.91	83.95	12.96	--	--	2,000[4]	420	14	<10	<10	380	--	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
MW-2 (cont)															
12/08/00	96.91	83.98	12.93	--	--	984	54.9	<2.50	4.15	<2.50	306	--	--	--	--
03/01/01	96.91	84.15	12.76	--	--	<50.0	4.16	<0.500	<0.500	<0.500	245	--	--	--	--
06/19/01	96.91	83.23	13.68	--	--	1,700[4]	250	9.2	<5.0	6.9	410	--	--	--	--
09/18/01	96.91	83.96	12.95	--	--	1,700	42	1.9	2.0	2.9	280	--	--	--	--
12/26/01	96.91	83.88	13.03	--	--	<50	0.50	<0.50	<0.50	<1.5	120	--	--	--	--
03/06/02	97.81	84.82	12.99	--	--	670	170	2.5	<0.50	<1.5	410	--	--	--	--
06/21/02	97.81	84.10	13.71	--	--	1,800	120	7.3	2.0	3.1	440	--	--	--	--
09/27/02	97.81	82.51	15.30	--	--	180	11	1.0	<0.50	<1.5	4,700	--	--	--	--
12/26/02	97.81	84.81	13.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	160	--	--	--	--
03/28/03	97.81	84.46	13.35	--	--	580	88	2.2	22	12	280	--	--	--	--
06/16/03[11]	97.81	83.10	14.71	--	--	200	1	29	<0.5	<0.5	1,400	--	--	--	--
09/15/03[11]	97.81	82.78	15.03	--	--	130	<1	<1	<1	<1	2,400	<130	--	--	--
12/15/03[11]	97.81	84.84	12.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	63	<50	--	--	--
03/05/04[11]	97.81	84.79	13.02	--	--	<50	0.8	<0.5	<0.5	<0.5	49	<50	--	--	--
06/18/04[11]	97.81	82.72	15.09	--	--	60	<0.5	<0.5	<0.5	<0.5	1,900	<50	--	--	--
09/17/04[11]	97.81	82.46	15.35	--	--	66	<1	<1	<1	<1	2,100	<130	--	--	--
12/17/04[11]	97.81	84.61	13.20	--	--	120	7	<0.5	<0.5	0.7	91	<50	--	--	--
03/14/05[11]	97.81	84.79	13.02	--	--	390	69	0.8	10	2	74	<50	--	--	--
06/13/05[11]	97.81	82.87	14.94	--	--	<50	6	<0.5	<0.5	<0.5	10	<50	--	--	--
09/12/05[11]	97.81	82.62	15.19	--	--	77	<1	<1	<1	<1	1,400	<100	--	--	--
12/12/05[11]	97.81	84.32	13.49	--	--	14,000	1,500	1,100	660	3,500	82	<250	--	--	--
03/13/06[11]	97.81	84.97	12.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/12/06[11]	97.81	83.19	14.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	81	<50	--	--	--
09/11/06[11]	97.81	82.59	15.22	--	--	73	<0.5	<0.5	<0.5	<0.5	170	<50	--	--	--
12/15/06[11]	97.81	84.86	12.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
03/16/07[11]	97.81	84.41	13.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/17/07[11]	97.81	83.14	14.67	--	--	<50	0.9	<0.5	<0.5	<0.5	46	<50	--	--	--
09/14/07[11]	97.81	82.70	15.11	--	--	<50	0.7	<0.5	<0.5	<0.5	170	<50	--	--	--
12/07/07[11]	97.81	82.46	15.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
03/07/08[11]	97.81	83.90	13.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	3	<50	--	--	--
06/06/08[11]	97.81	83.01	14.80	--	--	<50	3	<0.5	<0.5	<0.5	78	<50	--	--	--
09/05/08[11]	97.81	82.78	15.03	--	--	<50	<0.5	<0.5	<0.5	<0.5	130	<50	--	--	--
12/15/08[11]	97.81	82.63	15.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
03/16/09[11]	97.81	84.36	13.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	6	<50	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
MW-2 (cont)															
06/15/09[11]	97.81	82.53	15.28	--	--	1,500	29	1	5	4	12	<50	--	--	--
11/30/09[11]	97.81	84.53	13.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/07/10[11]	97.81	84.62	13.19	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
12/08/10[11]	97.81	83.93	13.88	190	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/13/11[11]	97.81	83.75	14.06	<41[14]	<50[14]	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
12/02/11[11]	97.81	84.39	13.42	<520[14]	<520[14]	<50	<0.50	<0.50	<0.50	<1.5	3.8	<150	--	--	--
6/21/2012[11]	97.81	83.91	13.90	<480	<480	<50	<0.50	<0.50	<0.50	<1.0	15	<150	--	--	--
12/18/2012[1]	97.81	84.84	12.97	<48	130	<50	2.4	<0.50	<0.50	<1.0	2.9	<150	--	--	--
MW-3															
05/29/97	97.86	86.41	11.45	--	--	--	--	--	--	--	--	--	--	--	--
06/04/97[3]	97.86	86.58	11.28	--	1200	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	ND	1.0	--
09/16/97	97.86	85.67	12.19	--	2,700[1]	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	97.86	87.06	10.80	--	1,200[1]	<50	0.9	0.53	<0.5	<0.5	<2.5	--	--	--	--
03/18/98	97.86	86.98	10.88	--	820[1]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/28/98	97.86	86.26	11.60	--	1,100[1]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	0.99	ND	<0.5-<5.0
09/07/98	97.86	85.64	12.22	--	1,100[1]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	0.79	0.54	--
12/29/98	97.86	86.06	11.80	--	1,760[1]	185	<0.5	<0.5	<0.5	0.669	<2.0	--	1.04	0.578	<0.5-<5.0
03/11/99	97.86	86.83	11.03	--	1440	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	<1.0	<1.0	<1.0-<20
05/04/99	97.86	86.43	11.43	--	--	--	--	--	--	--	--	--	--	--	--
06/29/99	97.86	85.71	12.15	--	690[1]	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	0.754	<0.5	<0.5-<5.0
09/29/99	97.86	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
12/08/99	97.86	88.43	9.43	--	1,000[1]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	<0.5	0.66	<0.5-<5.0
03/01/00	97.86	87.16	10.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	0.821	0.984	<0.5-<5.0
06/23/00	97.86	85.96	11.90	--	2,600[5]	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	<2.0	<2.0	<0.5-<2.0
09/30/00	97.86	85.45	12.41	--	1,100[5]	<50	<0.50	0.61	<0.50	0.82	2.7	--	<2.0	<2.0	<0.50-<2.0
12/08/00	97.86	85.78	12.08	--	870[5]	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	<2.0	<2.0	<0.50-<10
03/01/01	97.86	87.09	10.77	--	1,060[6]	60.9[7]	<0.500	<0.500	<0.500	<0.500	<2.50	--	0.545	0.528	<0.500-<5.00
06/19/01	97.86	85.87	11.99	--	120[5]	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	<1.2	<1.6	<0.50-<2.0
09/18/01	97.86	85.19	12.67	--	4,800	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1[8]	<2[8]	<1-<2[8]
12/26/01	97.86	86.92	10.94	--	5,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1[8]	<2[8]	<1-<2.0[8]
03/06/02	98.78	87.20	11.58	--	30,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1[8]	<2[8]	<1-<2.0[8]
06/21/02	98.78	86.23	12.55	--	3,800[10]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1[8]	<2[8]	<1-<2.0[8]
09/27/02	98.78	85.93	12.85	--	2,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1[8]	<2[8]	<1-<2.0[8]
12/26/02	98.78	87.87	10.91	--	3,600	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1[8]	<2[8]	<1-<2.0[8]
03/28/03	98.78	86.77	12.01	--	2,100	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1[8]	<1[8]	<0.8-<2[8]
06/16/03[11]	98.78	86.79	11.99	--	2,400	<50	<0.5	<0.5	<0.5	<1	<0.5	--	<1[8]	0.8[8]	<0.5-<2[8]
09/15/03[11]	98.78	86.07	12.71	--	4,300	<50	<0.5	<0.5	<0.5	<1	<0.5	<50	<1[8]	0.8[8]	<0.8-<2[8]
12/15/03[11]	98.78	87.23	11.55	--	3,200	<50	<0.5	0.7	<0.5	0.7	<0.5	<50	<1[8]	0.8[8]	<0.8-<2[8]
03/05/04[11]	98.78	87.66	11.12	--	8,000	<50	<0.5	0.6	<0.5	0.7	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]

Table 1a
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
MW-3 (cont)															
06/18/04[11]	98.78	86.21	12.57	--	3,100	<50	<0.5	<0.5	<0.5	<1	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
09/17/04[11]	98.78	85.92	12.86	--	3,200	<50	<0.5	<0.7	<0.8	<1.6	<0.5	<50	<1[8]	<1[8]	<0.8-<2[8]
12/17/04[11]	98.78	87.63	11.15	--	2,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
03/14/05[11]	98.78	88.21	10.57	--	1,300	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
06/13/05[11]	98.78	86.45	12.33	--	2,700	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
09/12/05[11]	98.78	85.89	12.89	--	2,000[12]	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
12/12/05[11]	98.78	87.40	11.38	--	3,900[12]	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
03/13/06[11]	98.78	88.43	10.35	--	2,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
06/12/06[11]	98.78	87.05	11.73	--	3,600	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
09/11/06[11]	98.78	86.42	12.36	--	4,000	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
12/15/06[11]	98.78	86.91	11.87	--	3,100	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
03/16/07[11]	98.78	87.55	11.23	--	1,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
06/15/07[11]	98.78	86.97	11.81	--	2,000	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<2[8]	<0.5[8]	<0.8-<2[8]
09/14/07[11]	98.78	86.31	12.47	--	1,600	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
12/07/07[11]	98.78	86.02	12.76	--	2,200	<50	<0.5	<0.5	<0.5	<1.0	<0.5	330	<1[8]	<0.5[8]	<0.8-<2[8,13]
03/07/08[11]	98.78	86.95	11.83	--	6,500	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
06/06/08[11]	98.78	86.51	12.27	--	2,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
09/05/08[11]	98.78	86.13	12.65	--	2,400	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
12/15/08[11]	98.78	86.12	12.66	--	8,700	<50	<0.5	<0.5	<0.5	<1.0	<0.5	230	<1[8]	<0.5[8]	<0.8-<2[8]
03/16/09[11]	98.78	86.42	12.36	--	4,900	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
06/15/09[11]	98.78	86.33	12.45	--	5,900	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
11/30/09[11]	98.78	86.92	11.86	--	4,400	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
06/07/10[11]	98.78	87.13	11.65	--	1,800[14]	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1[8]	<0.5[8]	<0.8-<2[8]
12/08/10[11]	98.78	85.82	12.96	4,000	7,300[14]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/13/11[11]	98.78	87.09	11.69	38,000[14]	19,000[14]	<50	<0.5	2	<0.5	<0.5	<0.5	<50	--	--	--
12/02/11[11]	98.78	87.34	11.44	4,100[14]	2,000[14]	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<150	--	--	--
6/21/2012[11]	98.78	86.98	11.80	1,500	6,800	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150	--	--	--
12/18/2012[1]	98.78	88.57	10.21	570	1,800	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150	--	--	--
MW-4															
05/04/99	96.25	83.66	12.59	--	--	140	<0.5	0.62	0.67	2.6	<2.5	--	--	--	--
06/29/99	96.25	83.64	12.61	--	--	183	<0.5	<0.5	1.1	<0.5	<5.0	--	--	--	--
09/29/99	96.25	83.70	12.55	--	--	64.3	<0.5	<0.5	<0.5	1.18	<2.5	--	--	--	--
12/08/99	96.25	83.81	12.44	--	--	91.2	0.589	<0.5	0.52	<0.5	86	--	--	--	--
03/01/00	96.25	84.55	11.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/23/00	96.25	84.12	12.13	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/30/00	96.25	84.30	11.95	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
12/08/00	96.25	83.85	12.40	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
03/01/01	96.25	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
06/19/01	96.25	82.83	13.42	--	--	210[7]	7.6	1.4	<0.50	<0.50	10	--	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
MW-4 (cont)															
09/18/01	96.25	83.17	13.08	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
12/26/01	96.25	83.36	12.89	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/06/02	97.14	84.06	13.08	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
06/21/02	97.14	83.63	13.51	--	--	<50	<0.50	12	<0.50	<1.5	<2.5	--	--	--	--
09/27/02	97.14	83.47	13.67	--	--	110	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
12/26/02	97.14	84.12	13.02	--	--	<50	<0.50	2.6	<0.50	<1.5	<2.5	--	--	--	--
03/28/03	97.14	83.71	13.43	--	--	<50	<0.50	<0.50	<0.50	<1.5	18	--	--	--	--
06/16/03[11]	97.14	83.10	14.04	--	--	250	<0.5	31	<0.5	<0.5	<0.5	--	--	--	--
09/15/03[11]	97.14	82.93	14.21	--	--	220	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/15/03[11]	97.14	84.30	12.84	--	--	310	<0.5	21	<0.5	1	<0.5	<50	--	--	--
03/05/04[11]	97.14	84.00	13.14	--	--	<50	<0.5	0.7	<0.5	0.6	5	<50	--	--	--
06/18/04[11]	97.14	83.14	14.00	--	--	220	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
09/17/04[11]	97.14	83.06	14.08	--	--	97	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/17/04[11]	97.14	83.77	13.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
03/14/05[11]	97.14	83.69	13.45	--	--	<50	<0.5	0.8	<0.5	<0.5	1	<50	--	--	--
06/13/05[11]	97.14	83.53	13.61	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
09/12/05[11]	97.14	83.34	13.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/12/05[11]	97.14	83.54	13.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
03/13/06[11]	97.14	83.95	13.19	--	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/12/06[11]	97.14	83.27	13.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/11/06[11]	97.14	82.98	14.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
12/15/06[11]	97.14	83.96	13.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
03/16/07[11]	97.14	83.44	13.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	<50	--	--	--
06/15/07[11]	97.14	83.23	13.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	<50	--	--	--
09/14/07[11]	97.14	83.12	14.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/07/07[11]	97.14	82.91	14.23	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
03/07/08[11]	97.14	83.22	13.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/06/08[11]	97.14	83.23	13.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.5	<50	--	--	--
09/05/08[11]	97.14	83.12	14.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/15/08[11]	97.14	83.05	14.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
03/16/09[11]	97.14	83.58	13.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/15/09[11]	97.14	83.05	14.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
11/30/09[11]	97.14	83.56	13.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/07/10[11]	97.14	83.88	13.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/08/10[11]	97.14	83.01	14.13	190	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/13/11[11]	97.14	84.07	13.07	1,900[14]	2,000[14]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/02/11[11]	97.14	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
6/21/2012[11]	97.14	82.71	14.43	620	1,900	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150	--	--	--
12/18/2012[1]	97.14	84.46	12.68	1,400	3,100	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150	--	--	--

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5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
MW-5															
03/06/02[9]	95.71	84.31	11.40	--	--	4,900	18	2.7	29	9.8	290	--	--	--	--
06/21/02	95.71	83.29	12.42	--	--	1,400	3.6	1.4	<0.50	1.6	190	--	--	--	--
09/27/02	95.71	83.00	12.71	--	--	540	1.3	<0.50	<0.50	<1.5	190	--	--	--	--
12/26/02	95.71	85.55	10.16	--	--	2,600	5.0	0.86	3.6	3.7	170	--	--	--	--
03/28/03	95.71	84.25	11.46	--	--	920	3.8	<0.50	2.1	1.7	160	--	--	--	--
06/16/03[11]	95.71	83.92	11.79	--	--	600	3	0.9	0.7	0.9	150	--	--	--	--
09/15/03[11]	95.71	83.28	12.43	--	--	760	<0.5	<0.5	<0.5	<0.5	180	<50	--	--	--
12/15/03[11]	95.71	85.01	10.70	--	--	1,200	0.7	0.5	0.6	0.8	120	<50	--	--	--
03/05/04[11]	95.71	84.65	11.06	--	--	1,800	2	0.7	0.7	2	60	<50	--	--	--
06/18/04[11]	95.71	83.54	12.17	--	--	1,700	<0.5	<0.5	<0.5	<0.5	77	<50	--	--	--
09/17/04[11]	95.71	83.35	12.36	--	--	1,900	<0.5	<0.5	<0.5	0.6	73	<50	--	--	--
12/17/04[11]	95.71	84.91	10.80	--	--	1,200	1	<0.5	<0.5	0.6	41	<50	--	--	--
03/14/05[11]	95.71	85.26	10.45	--	--	1,400	9	<0.5	<0.5	<0.5	19	<50	--	--	--
06/13/05[11]	95.71	83.82	11.89	--	--	760	<0.5	<0.5	<0.5	<0.5	16	<50	--	--	--
09/12/05[11]	95.71	83.43	12.28	--	--	610	<0.5	<0.5	<0.5	<0.5	22	<50	--	--	--
12/12/05[11]	95.71	84.63	11.08	--	--	630	<0.5	<0.5	<0.5	<0.5	13	63	--	--	--
03/13/06[11]	95.71	85.45	10.26	--	--	1,100	1	<0.5	<0.5	0.5	9	<50	--	--	--
06/12/06[11]	95.71	83.91	11.80	--	--	460	<0.5	<0.5	<0.5	<0.5	10	<50	--	--	--
09/11/06[11]	95.71	83.30	12.41	--	--	510	<0.5	<0.5	<0.5	<0.5	10	<50	--	--	--
12/15/06[11]	95.71	85.21	10.50	--	--	1,000	0.7	<0.5	<0.5	<0.5	6	<50	--	--	--
03/16/07[11]	95.71	84.71	11.00	--	--	430	<0.5	<0.5	<0.5	<0.5	8	<50	--	--	--
06/15/07[11]	95.71	83.83	11.88	--	--	420	<0.5	<0.5	<0.5	<0.5	5	<50	--	--	--
09/14/07[11]	95.71	83.39	12.32	--	--	380	<0.5	<0.5	<0.5	<0.5	6	<50	--	--	--
12/07/07[11]	95.71	83.14	12.57	--	--	420	<0.5	<0.5	<0.5	<0.5	3	<50	--	--	--
03/07/08[11]	95.71	84.20	11.51	--	--	400	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--
06/06/08[11]	95.71	83.51	12.20	--	--	400	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--
09/05/08[11]	95.71	83.33	12.38	--	--	470	<0.5	<0.5	<0.5	<0.5	6	<50	--	--	--
12/15/08[11]	95.71	83.25	12.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	3	<50	--	--	--
03/16/09[11]	95.71	85.11	10.60	--	--	720	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--
06/15/09[11]	95.71	83.25	12.46	--	--	490	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
11/30/09[11]	95.71	83.81	11.90	--	--	330	<0.5	<0.5	<0.5	<0.5	3	<50	--	--	--
06/07/10[11]	95.71	83.88	11.83	--	--	310	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
12/08/10[11]	95.71	84.18	11.53	14,000	--	320	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
06/13/11[11]	95.71	84.13	11.58	<42[14]	240[14]	240	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
12/02/11[11]	95.71	84.03	11.68	<500[14]	<500[14]	180	<0.50	<0.50	<0.50	<1.5	1.4	<150	--	--	--
6/21/2012[11]	95.71	83.49	12.22	<510	<510	200	<0.50	<0.50	<0.50	<1.0	0.68	<150	--	--	--
12/18/2012[1]	95.71	85.39	10.32	<47	290	280	<0.50	<0.50	<0.50	<1.0	0.98	<150	--	--	--

Table 1a
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
MW-6															
03/06/02[9]	95.84	85.67	10.17	--	--	220	<0.50	<0.50	<0.50	<1.5	53	--	--	--	--
06/21/02	95.84	84.86	10.98	--	--	<50	<0.50	<0.50	<0.50	<1.5	15	--	--	--	--
09/27/02	95.84	84.61	11.23	--	--	<50	<0.50	<0.50	<0.50	<1.5	11	--	--	--	--
12/26/02	95.84	87.47	8.37	--	--	57	<0.50	<0.50	<0.50	<1.5	19	--	--	--	--
03/28/03	95.84	85.53	10.31	--	--	<50	<0.50	<0.50	<0.50	<1.5	11	--	--	--	--
06/16/03[11]	95.84	85.50	10.34	--	--	<50	<0.5	0.6	<0.5	<0.5	5	--	--	--	--
09/15/03[11]	95.84	84.84	11.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	6	<50	--	--	--
12/15/03[11]	95.84	86.49	9.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--
03/05/04[11]	95.84	87.04	8.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/18/04[11]	95.84	85.04	10.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
09/17/04[11]	95.84	84.84	11.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
12/17/04[11]	95.84	86.32	9.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
03/14/05[11]	95.84	86.94	8.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
06/13/05[11]	95.84	85.37	10.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
09/12/05[11]	95.84	85.16	10.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
12/12/05[11]	95.84	86.15	9.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
03/13/06[11]	95.84	87.16	8.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/12/06[11]	95.84	85.03	10.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/11/06[11]	95.84	84.80	11.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	<50	--	--	--
12/15/06[11]	95.84	86.82	9.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
03/16/07[11]	95.84	86.06	9.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/15/07[11]	95.84	84.99	10.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/14/07[11]	95.84	85.71	10.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
12/07/07[11]	95.84	85.39	10.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
03/07/08[11]	95.84	85.75	10.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
06/06/08[11]	95.84	84.79	11.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/05/08[11]	95.84	84.66	11.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
12/15/08[11]	95.84	84.58	11.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
03/16/09[11]	95.84	86.33	9.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
06/15/09[11]	95.84	84.82	11.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.5	<50	--	--	--
11/30/09[11]	95.84	84.98	10.86	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
06/07/10[11]	95.84	85.34	10.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/08/10[11]	95.84	85.88	9.96	520	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/13/11[11]	95.84	85.25	10.59	<40[14]	<50[14]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/02/11[11]	95.84	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
6/21/2012[11]	95.84	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--
12/18/2012[1]	95.84	86.67	9.17	<47	<47	<50	<0.5	<0.5	<0.5	<1.0	2.2	<150	--	--	--

Table 1a
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
TRIP BLANK															
06/04/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/16/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/18/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/28/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
09/07/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
09/07/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
12/29/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
03/11/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
05/04/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/29/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/29/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
12/08/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/01/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/23/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/30/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
12/08/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
03/01/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
06/19/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/18/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--

Table 1a
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
QA															
12/26/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/06/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
06/21/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
09/27/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
12/26/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/28/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
06/16/03[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/15/03[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/15/03[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/05/04[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/18/04[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/17/04[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/17/04[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/14/05[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/13/05[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/12/05[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/12/05[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/13/06[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/12/06[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/11/06[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/15/06[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/16/07[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/15/07[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/14/07[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/07/07[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/07/08[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/06/08[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/05/08[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/15/08[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--

Table 1a
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-MO (µg/L)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	ETHANOL (µg/L)	1,2-DCBt (µg/L)	1,2-DCAt (µg/L)	HVOCst (µg/L)
QA (cont)															
03/16/09[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/15/09[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/30/09[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/07/10[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/08/10[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/13/11[11]	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/02/11[11]	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<0.50	<150	--	--	--
6/21/2012[11]	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150	--	--	--
12/18/2012[1]	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<150	--	--	--

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 23, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
1,2-DCB = 1,2-Dichlorobenzene
1,2-DCA = 1,2-Dichloroethane
(µg/L) = Micrograms per liter
(ppb) = Parts per billion
HVOC = Halogenated Volatile Organic Compounds
ND = Not Detected
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed in February 2002, by Morrow Surveying. Elevations are based on City of Oakland Benchmark; a standard city of Oakland disc stamped "SEC 50 STA F" set under a standard casting on the monument line of Camden Street and 72 feet westerly of the monument at Seminary and Camden, (Elevation = 90.63 feet).

t Analysis by EPA Method 8010.

NOTE: All other VOC concentrations were below detection limits.

1 Chromatogram pattern indicates an unidentified hydrocarbon.
2 Confirmation run.
3 Sample also analyzed for the following: Total Oil & Grease by EPA Method 5520F was ND; Semivolatile Organics by EPA Method 8270B were ND; Volatile Organics by EPA Method 8010B were ND.
4 Laboratory report indicates gasoline C6-C12.
5 Laboratory report indicates unidentified hydrocarbons >C16.
6 Laboratory report indicates unidentified hydrocarbons C9-C24.
7 Laboratory report indicates unidentified hydrocarbons C6-C12.
8 Volatile Organic Compounds (VOCs) by EPA Method 8260.
9 Well development performed.
10 Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
11 BTEX and MTBE analyzed by EPA Method 8260.
12 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.
13 Laboratory report indicates Chloroform at 7 ppb.
14 Analyzed with Silica Gel cleanup.

Table 1b
Groundwater Analytical Results - Select Metals and PCBs
Former Chevron Service Station No. 9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	Cd (µg/L)	Cr (µg/L)	Pb (µg/L)	Ni (µg/L)	Zn (µg/L)	PCBs (µg/L)
MW-3						
12/08/10	<2.0	<3.4	<6.9	<8.1	19,000	<1.16

EXPLANATIONS:

Cd = Cadmium (Dissolved)
Cr = Total Chromium (Dissolved)
Pb = Lead (Dissolved)
Ni = Nickel (Dissolved)
Zn = Zinc (Dissolved)
PCBs = Pesticides/Polychlorinated Biphenyls (inclusive of PCB-1016, PCB-1221, PCB-1232, PCB-1242, PC-1248, PCB-1254, PCB-1260, PCB-1262 and PCB-1268)
(µg/L) = Micrograms per liter

Table 2a
Grab Groundwater Analytical Data
Former Chevron Service Station No. 9-9708
5910 MacArthur Blvd
Oakland, California

Sample Name	Sample Date	Diesel Range Organics (EPA 8015B)				VOCs (EPA 8260B)					PCBs (EPA 8082)	Metals (EPA 6010B)				
		TPH-DRO (µg/L)	TPH-DRO with silica gel (µg/L)	TPH-mo (µg/L)	TPH-mo with silica gel(µg/L)	Benzene - (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	PCBs (µg/L)	Lead (µg/L)	Zinc (µg/L)	Nickel (µg/L)	Chromium (µg/L)	Cadmium (µg/L)
ESLs for Deep Soils (>3m		100	100	100	100	1	40	30	20	5 13	0.014	2.5	81	8.2	50	0.025
California MCLs		–	–	–	–	1	150	300	1,750		0.5	15	–	100	–	5
B-1	06/14/12	**960**	<480	**710**	<480	<0.50	<0.50	<0.50	<0.50	<0.50	<0.97	**22**	**460**	**890**	**390**	<10
B-2	06/15/12	**1,500**	<490	**900**	<490	<0.50	<0.50	<0.50	<0.50	<0.50	<1.4	<5.0	<20	**46**	**13**	<50
B-3	06/15/12	<72	<480	<72	<480	<0.50	<0.50	<0.50	<0.50	<0.50	<0.95	**310**	**1,600**	**3,000**	**1,300**	<50
B-4	06/15/12	**77**	<500	<49	<500	<0.50	<0.50	<0.50	<0.50	<0.50	<0.99	**750**	**5,100**	**5,800**	**3,500**	<50
B-7	06/15/12	<48	<480	<48	<480	0.90	<0.50	3.6	<0.50	2.3	<0.96	**10**	**68**	**83**	**65**	<50
B-8*	06/15/12	–	–	–	–	0.56	<0.50	**14**	<0.50	**12**	–	**180**	**1,700**	**2,100**	**1,300**	<50

Explanation

bgs = below ground surface
TPH-DRO = Total Petroleum Hydrocarbons as Diesel Range Organics
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
MTBE = Methyl Tertiary Butyl Ether
PCB = Polychlorinated Biphenyls (All Aroclors were not detected)
EPA = Environmental Protection Agency
µg/L = Micrograms per liter
ESL = Environmental Screening Level (*Screening for Environmental Concerns at Sites with Contaminates Soil and Groundwater*), California RWQCB-San Francisco Bay Region, Interim Final - November 2007 (Revised May 2008)
MCL = Maximum Contaminant Level
<0.0005 = Not detected at concentration threshold as shown
– = Not Analyzed/Applicable
BOLD = Concentrations meet or exceeds their respective ESL
[1] = For commercial/Industrial Land Use Only
* = B-8 went dry before all the sample containers were filled

Table 2b
Grab Groundwater Analytical Data - Additional VOCs
Former Chevron Service Station No. 9-9708
5910 MacArthur Blvd
Oakland, California

Sample Name	Sample Date	VOCs (EPA 8260B)										
		1,2,4-Trimethylbenzene (µg/L)	1,2-Dichlorobenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	Chloroform (µg/L)	Isopropylbenzene (µg/L)	Naphthalene (µg/L)	n-Butylbenzene (µg/L)	N-Propylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	p-Isopropyltoluene (µg/L)
ESLs for Deep Soils (>3m bgs) Groundater is Current or Potential Source of Drinking Water		–	10	–	70	–	17	–	–	–	–	–
California MCLs		–	600	–	–	–	–	–	–	–	–	–
B-1	06/14/12	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
B-2	06/15/12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
B-3	06/15/12	<0.50	<0.50	<0.50	8.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
B-4	06/15/12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1	<0.50
B-7	06/15/12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<0.50	0.73	<0.50
B-8	06/15/12	<0.50	<0.50	<0.50	<0.50	3.3	<0.50	<0.50	6.4	0.82	7.7	0.57

Explanation

bgs = below ground surface

EPA = Environmental Protection Agency

µg/L = Micrograms per liter

ESL = Environmental Screening Level (*Screening for Environmental Concerns at Sites with Contaminates Soil and Groundwater*), California RWQCB-San Francisco Bay Region, Interim Final - November 2007 (Revised May 2008)

MCL = Maximum Contaminant Level

<0.0005 = Not detected at concentration threshold as shown

– = Not Analyzed/Applicable

BOLD = Concentrations meet or exceeds their respective ESL

[1] = For commercial/Industrial Land Use Only

TABLE 1
CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS FROM DRILLING

Chevron Products Company Station No. 9-9708
5910 MacArthur Boulevard
Oakland, California

Sample ID	Date	Sample Depth (ft)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylene (mg/kg)	MTBE (mg/kg)	TPHg (mg/kg)	TPHd (mg/kg)	TOG (mg/kg)	VOC's (mg/kg)	Semi-VOC's (mg/kg)
MW-1	05/22/97	11.0	0.0062	0.014	<0.011	<0.011	<0.021	7.1	NA	NA	NA	NA
		15.5	0.027	<0.005	0.032	0.074	0.015	1.6	NA	NA	NA	NA
		16.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
		21.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
		31.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
		41.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
MW-2	05/22/97	11.0	<0.05	0.16	0.27	0.58	<1.0	140	NA	NA	NA	NA
		15.5	<0.005	<0.005	<0.005	<0.005	0.680	<1.0	NA	NA	NA	NA
		16.0	<0.014	<0.014	<0.014	<0.014	1.3	<2.8	NA	NA	NA	NA
		21.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
		31.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
		41.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
MW-3	05/22/97	11.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	<10	170	0.011[a]	ND
		16.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
		21.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
		31.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
		41.0	<0.005	<0.005	<0.005	<0.005	<0.01	<1.0	NA	NA	NA	NA
MW-4	05/22/97	11.5	<0.005	<0.005	<0.005	<0.005	<0.05	<1.0	NA	NA	NA	NA

TABLE 1
CUMULATIVE SOIL SAMPLE ANALYTICAL RESULTS FROM DRILLING

Chevron Products Company Station No. 9-9708
5910 MacArthur Boulevard
Oakland, California

Sample ID	Date	Depth (ft)	Cd (mg/kg)	Cr (mg/kg)	Ni (mg/kg)	Pb (mg/kg)	Zn (mg/kg)
MW-3	05/22/97	11.0	<2.0	46	120	11	110

a = All compounds analyzed were non detect except methylene chloride which is a common laboratory contaminant.
mg/kg = milligrams per kilogram.
NA = Not analyzed.
ND = Not detected.
Cd = Cadmium.
Cr = Chromium.
Ni = Nickel.
Pb = Lead.
Zn = Zinc.
MTBE = Methyl tertiary-butyl ether by EPA Method 8020.
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015 Modified.
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015 Modified.
TOG = Total oil and grease by Standard Method 5520.
VOC's = Volatile Organic Compounds by EPA Method 8240.
Semi-VOC's = Semi-Volatile Organic Compounds by EPA Method 8270.

ANALYTICAL RESULTS
Volatile Organics

NEI/GTEL Client ID: GTR01CHV08
Login Number: W7050411
Project ID (number): 6395.01
Project ID (name): CHEVRON/9-9708/5910 MACARTHUR BLVD/OAKLAND/CA

Method: EPA 8240B
Matrix: Low Soil

NEI/GTEL Sample Number	W7050411-02	--	--	--
Client ID	MW3-11	--	--	--
Date Sampled	05/22/97	--	--	--
Date Analyzed	05/31/97	--	--	--
Dilution Factor	1.00	--	--	--

Analyte	Reporting Limit	Units	Concentration:Wet Weight			
Chloromethane	10.	ug/kg	< 10.	--	--	--
Bromomethane	10.	ug/kg	< 10.	--	--	--
Vinyl chloride	10.	ug/kg	< 10.	--	--	--
Chloroethane	10.	ug/kg	< 10.	--	--	--
Methylene chloride	10.	ug/kg	11.	--	--	--
Acetone	20.	ug/kg	< 20.	--	--	--
Carbon disulfide	5.0	ug/kg	< 5.0	--	--	--
1,1-Dichloroethene	5.0	ug/kg	< 5.0	--	--	--
1,1-Dichloroethane	5.0	ug/kg	< 5.0	--	--	--
cis-1,2-Dichloroethene	5.0	ug/kg	< 5.0	--	--	--
trans-1,2-Dichloroethene	5.0	ug/kg	< 5.0	--	--	--
Chloroform	5.0	ug/kg	< 5.0	--	--	--
1,2-Dichloroethane	5.0	ug/kg	< 5.0	--	--	--
2-Butanone	20.	ug/kg	< 20.	--	--	--
1,1,1-Trichloroethane	5.0	ug/kg	< 5.0	--	--	--
Carbon tetrachloride	5.0	ug/kg	< 5.0	--	--	--
Vinyl acetate	20.	ug/kg	< 20.	--	--	--
Bromodichloromethane	5.0	ug/kg	< 5.0	--	--	--
1,2-Dichloropropane	5.0	ug/kg	< 5.0	--	--	--
cis-1,3-Dichloropropene	5.0	ug/kg	< 5.0	--	--	--
Trichloroethene	5.0	ug/kg	< 5.0	--	--	--
Dibromochloromethane	5.0	ug/kg	< 5.0	--	--	--
1,1,2-Trichloroethane	5.0	ug/kg	< 5.0	--	--	--
Benzene	5.0	ug/kg	< 5.0	--	--	--
2-Chloroethylvinyl ether	10.	ug/kg	< 10.	--	--	--
trans-1,3-Dichloropropene	5.0	ug/kg	< 5.0	--	--	--
Bromoform	5.0	ug/kg	< 5.0	--	--	--
4-Methyl-2-pentanone	20.	ug/kg	< 20.	--	--	--
2-Hexanone	20.	ug/kg	< 20.	--	--	--
Tetrachloroethene	5.0	ug/kg	< 5.0	--	--	--
1,1,2,2-Tetrachloroethane	5.0	ug/kg	< 5.0	--	--	--
Toluene	5.0	ug/kg	< 5.0	--	--	--
Chlorobenzene	5.0	ug/kg	< 5.0	--	--	--
Ethylbenzene	5.0	ug/kg	< 5.0	--	--	--
Styrene	5.0	ug/kg	< 5.0	--	--	--
Xylenes (total)	5.0	ug/kg	< 5.0	--	--	--
1,2-Dichlorobenzene	10.	ug/kg	< 10.	--	--	--
1,3-Dichlorobenzene	10.	ug/kg	< 10.	--	--	--
1,4-Dichlorobenzene	10.	ug/kg	< 10.	--	--	--

TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Chevron Station No. 9-9708
5910 MacArthur Boulevard
Oakland, California

Sample ID	Date	Sample Depth (ft)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	Total Lead (mg/kg)
MW-5-S-5.5	01/25/02	5.5	<0.0050	<0.0050	<0.0050	<0.015	<1.0	<0.050	NA
MW-5-S-10	01/25/02	10	<0.0050	<0.0050	<0.0050	<0.015	1.7	<0.050	NA
MW-6-S-5.5	01/25/02	5.5	<0.0050	<0.0050	<0.0050	<0.015	<1.0	<0.050	NA
MW-6-S-10	01/25/02	10	<0.0050	0.016	0.0083	0.020	<1.0	<0.050	NA
Soil Stockpile Results									
SP-1-4	01/25/02	---	<0.0050	<0.0050	0.014	<0.060	4.1	<0.050	<2.6

TPHg = Total petroleum hydrocarbons in the gasoline range (C5-C9).

MTBE = Methyl tertiary butyl ether.

mg/kg= milligrams per kilogram.

NA = Not analyzed

--- = Not applicable

Table 1
Soil Analytical Results
Former Chevron Service Station No. 9-9708
5910 MacArthur Boulevard, Oakland, CA

Sample Name	Sample Date	Sample Depth (feet bgs)	Diesel Range Organics (EPA 8015B)				VOCs (EPA 8260B)					PCBs (EPA Method 8082)	Metals (EPA 6010B)				
			TPH-DRO (mg/kg)	TPH-DRO with silica gel(mg/kg)	TPH-MO (mg/kg)	TPH-MO with silica gel(mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	PCBs (mg/kg)	Lead (mg/kg)	Zinc (mg/kg)	Nickel (mg/kg)	Chromium (mg/kg)	Cadmium (mg/kg)
ESLs for Shallow Soils (≤3m bgs) Groundater is Current or Potential Source of Drinking Water[1]			83	83	2,500	2,500	0.044	2.9	3.3	2.3	0.023	0.74	750	600	150	–	7.4
ESLs for Deep Soils (>3m bgs) Groundater is Current or Potential Source of Drinking Water[1]			83	83	5,000	5,000	0.044	2.9	3.3	2.3	0.023	6.3	750	5,000	260	5,000	39
B-1	06/12/12	4	<5.0	<5.0	<5.0	<5.0	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.050	15	93	**310**	170	<1.0
	06/14/12	12	**590**	**500**	330	280	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.050	14	74	120	90	<1.0
B-2	06/14/12	2	<5.0	<5.0	<5.0	<5.0	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.050	16	97	**380**	130	<2.5
	06/14/12	12	**610**	**260**	310	250	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.050	14	76	98	65	<1.0
B-3	06/14/12	4	<5.0	<5.0	<5.0	<5.0	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.050	13	79	**150**	83	<2.5
	06/15/12	12	<5.0	<5.0	<5.0	<5.0	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.050	7.8	37	71	71	<0.50
B-4	06/13/12	8	<5.0	<5.0	<5.0	<5.0	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.050	13	38	30	34	0.49
	06/16/12	12	80	<10	33	<10	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.050	8.7	330	120	77	1.5
B-6	06/13/12	4	<5.0	5.9	<5.0	8.8	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.050	18	96	**220**	99	<1.0
B-7	06/13/12	6	<5.0	<5.0	<5.0	<5.0	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.050	14	96	**200**	81	<1.0
	06/13/12	14	<15	<15	<15	<15	<0.0097	<0.0097	0.350	<0.0097	<0.024	<0.050	13	62	96	55	<1.0
B-8	06/14/12	6	<5.0	<5.0	<5.0	<5.0	<0.0020	<0.0020	<0.0020	<0.0020	0.013	<0.050	13	87	**190**	110	<0.99
	06/14/12	14	<15	<5.0	<15	<5.0	<0.0020	<0.0020	0.0021	<0.0020	<0.0050	<0.050	12	63	93	57	<0.99

Explanation

EPA	Environmental Protection Agency
bgs	Below ground surface
TPH-DRO	Total Petroleum Hydrocarbons as Diesel Range Organics
TPH-MO	Total Petroleum Hydrocarbons as Motor Oil
MTBE	Methyl Tertiary Butyl Ether
PCB	Polychlorinated Biphenyls (All Aroclors were not detected)
ESL	Environmental Screening Level (*Screening for Environmental Concerns at Sites with Contaminates Soil and Groundwater)*, California RWQCB-San Francisco Bay Region, Interim Final - November 2007 (Revised May 2008)
mg/kg	Milligrams per kilogram
<0.0005	Not detected at concentration threshold as shown
–	Not Applicable
BOLD	Concentrations meets or exceeds their respective ESL
[1]	For Commercial/Industrial Land Use Only

Table 2
Soil Analytical Data - Additional VOCs
Former Chevron Service Station No. 9-9708
5910 MacArthur Boulevard, Oakland, CA

Sample Name	Sample Date	Sample Depth (feet bgs)	VOCs (EPA 8260B)										
			1,2,4-Trimethylbenzene (mg/kg)	1,2-Dichlorobenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Chloroform (mg/kg)	Isopropylbenzene (mg/kg)	Naphthalene (mg/kg)	n-Butylbenzene (mg/kg)	N-Propylbenzene (mg/kg)	sec-Butylbenzene (mg/kg)	tert-Butylbenzene (mg/kg)	p-Isopropyltoluene (mg/kg)
ESLs for Shallow Soils (≤3m bgs) Groundater is Current or Potential Source of Drinking Water[1]			–	1.1	–	1.5	–	2.8	–	–	–	–	–
ESLs for Deep Soils (>3m bgs) Groundater is Current or Potential Source of Drinking Water[1]			–	1.1	–	2.1	–	3.4	–	–	–	–	–
B-1	06/12/12	4	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0020
	06/14/12	12	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0020
B-2	06/14/12	2	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0020
	06/14/12	12	<0.0020	0.0023	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	0.0065	<0.0050	<0.0020
B-3	06/14/12	4	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0020
	06/15/12	12	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0020
B-4	06/13/12	8	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0020
	05/16/12	12	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0020
B-6	06/13/12	4	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0020
B-7	06/13/12	6	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0020
	06/13/12	14	0.075	<0.0097	0.056	<0.0097	0.094	0.200	0.210	0.340	0.056	0.200	0.038
B-8	06/14/12	6	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	<0.0020	<0.0050	<0.0050	<0.0020
	06/14/12	14	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050	0.0035	<0.0050	<0.0050	<0.0020

Explanation

bgs	Below ground surface
mg/kg	Milligrams per kilogram
EPA	Environmental Protection Agency
ESL	Environmental Screening Level (*Screening for Environmental Concerns at Sites with Contaminates Soil and Groundwater),* California RWQCB-San Francisco Bay Region, Interim Final - November 2007 (Revised May 2008)
<0.0005	Not detected at concentration threshold as shown
–	Not Applicable
BOLD	Concentrations meets or exceeds their respective ESL
[1]	For Commercial/Industrial Land Use Only

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-1-S-4'
Date Collected: 06/12/12 13:50
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/21/12 15:46	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/21/12 15:46	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/21/12 15:46	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/21/12 15:46	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/21/12 15:46	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/21/12 15:46	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/21/12 15:46	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 15:46	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg			06/21/12 15:46	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 15:46	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 15:46	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/21/12 15:46	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 15:46	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/21/12 15:46	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 15:46	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 15:46	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 15:46	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/21/12 15:46	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 15:46	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 15:46	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 15:46	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 15:46	1
Benzene	ND		2.0		ug/Kg			06/21/12 15:46	1
Bromobenzene	ND		5.0		ug/Kg			06/21/12 15:46	1
Bromoform	ND		5.0		ug/Kg			06/21/12 15:46	1
Bromomethane	ND		5.0		ug/Kg			06/21/12 15:46	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/21/12 15:46	1
Chlorobenzene	ND		2.0		ug/Kg			06/21/12 15:46	1
Chloroethane	ND		5.0		ug/Kg			06/21/12 15:46	1
Chloroform	ND		2.0		ug/Kg			06/21/12 15:46	1
Chloromethane	ND		5.0		ug/Kg			06/21/12 15:46	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 15:46	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 15:46	1
Dibromomethane	ND		2.0		ug/Kg			06/21/12 15:46	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/21/12 15:46	1
Ethylbenzene	ND		2.0		ug/Kg			06/21/12 15:46	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/21/12 15:46	1
Isopropylbenzene	ND		2.0		ug/Kg			06/21/12 15:46	1
m,p-Xylene	ND		2.0		ug/Kg			06/21/12 15:46	1
Methylene Chloride	ND		20		ug/Kg			06/21/12 15:46	1
Naphthalene	ND		5.0		ug/Kg			06/21/12 15:46	1
n-Butylbenzene	ND		5.0		ug/Kg			06/21/12 15:46	1
N-Propylbenzene	ND		2.0		ug/Kg			06/21/12 15:46	1
o-Xylene	ND		2.0		ug/Kg			06/21/12 15:46	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/21/12 15:46	1
Styrene	ND		2.0		ug/Kg			06/21/12 15:46	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/21/12 15:46	1
Tetrachloroethene	ND		2.0		ug/Kg			06/21/12 15:46	1
Toluene	ND		2.0		ug/Kg			06/21/12 15:46	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 15:46	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 15:46	1

Client Sample ID: B-1-S-4'
Date Collected: 06/12/12 13:50
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/21/12 15:46	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/21/12 15:46	1
Vinyl chloride	ND		5.0		ug/Kg			06/21/12 15:46	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/21/12 15:46	1
Bromochloromethane	ND		5.0		ug/Kg			06/21/12 15:46	1
Bromodichloromethane	ND		2.0		ug/Kg			06/21/12 15:46	1
Dibromochloromethane	ND		2.0		ug/Kg			06/21/12 15:46	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/21/12 15:46	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/21/12 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*06/21/12 15:46*	*1*
4-Bromofluorobenzene (Surr)	*113*		*80 - 120*		*06/21/12 15:46*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 125*		*06/21/12 15:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 04:55	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 04:55	1
C13-C40	**5.6**		5.0		mg/Kg		06/19/12 11:08	06/20/12 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*90*		*40 - 140*	*06/19/12 11:08*	*06/20/12 04:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 07:39	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 07:39	1
C13-C40	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 07:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*87*		*40 - 140*	*06/20/12 11:00*	*06/21/12 07:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:36	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:36	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:36	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:36	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:36	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:36	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*85*		*45 - 120*	*06/19/12 09:08*	*06/20/12 20:36*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**15**		4.0		mg/Kg		06/19/12 09:00	06/20/12 13:56	10
Zinc	**93**		10		mg/Kg		06/19/12 09:00	06/20/12 13:56	10
Nickel	**310**		4.0		mg/Kg		06/19/12 09:00	06/20/12 13:56	10
Chromium	**170**		2.0		mg/Kg		06/19/12 09:00	06/20/12 13:56	10
Cadmium	ND		1.0		mg/Kg		06/19/12 09:00	06/20/12 13:56	10

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-7-S-6'
Date Collected: 06/13/12 11:00
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/21/12 16:16	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/21/12 16:16	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/21/12 16:16	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/21/12 16:16	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/21/12 16:16	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/21/12 16:16	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/21/12 16:16	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 16:16	1
1,2,3-Trichloropropane	ND		10		ug/Kg			06/21/12 16:16	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 16:16	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 16:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/21/12 16:16	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 16:16	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/21/12 16:16	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 16:16	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 16:16	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 16:16	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/21/12 16:16	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 16:16	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 16:16	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 16:16	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 16:16	1
Benzene	ND		2.0		ug/Kg			06/21/12 16:16	1
Bromobenzene	ND		5.0		ug/Kg			06/21/12 16:16	1
Bromoform	ND		5.0		ug/Kg			06/21/12 16:16	1
Bromomethane	ND		5.0		ug/Kg			06/21/12 16:16	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/21/12 16:16	1
Chlorobenzene	ND		2.0		ug/Kg			06/21/12 16:16	1
Chloroethane	ND		5.0		ug/Kg			06/21/12 16:16	1
Chloroform	ND		2.0		ug/Kg			06/21/12 16:16	1
Chloromethane	ND		5.0		ug/Kg			06/21/12 16:16	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 16:16	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 16:16	1
Dibromomethane	ND		2.0		ug/Kg			06/21/12 16:16	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/21/12 16:16	1
Ethylbenzene	ND		2.0		ug/Kg			06/21/12 16:16	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/21/12 16:16	1
Isopropylbenzene	ND		2.0		ug/Kg			06/21/12 16:16	1
m,p-Xylene	ND		2.0		ug/Kg			06/21/12 16:16	1
Methylene Chloride	ND		20		ug/Kg			06/21/12 16:16	1
Naphthalene	ND		5.0		ug/Kg			06/21/12 16:16	1
n-Butylbenzene	ND		5.0		ug/Kg			06/21/12 16:16	1
N-Propylbenzene	ND		2.0		ug/Kg			06/21/12 16:16	1
o-Xylene	ND		2.0		ug/Kg			06/21/12 16:16	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/21/12 16:16	1
Styrene	ND		2.0		ug/Kg			06/21/12 16:16	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/21/12 16:16	1
Tetrachloroethene	ND		2.0		ug/Kg			06/21/12 16:16	1
Toluene	ND		2.0		ug/Kg			06/21/12 16:16	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 16:16	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 16:16	1

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-7-S-6'
Date Collected: 06/13/12 11:00
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/21/12 16:16	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/21/12 16:16	1
Vinyl chloride	ND		5.0		ug/Kg			06/21/12 16:16	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/21/12 16:16	1
Bromochloromethane	ND		5.0		ug/Kg			06/21/12 16:16	1
Bromodichloromethane	ND		2.0		ug/Kg			06/21/12 16:16	1
Dibromochloromethane	ND		2.0		ug/Kg			06/21/12 16:16	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/21/12 16:16	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/21/12 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/21/12 16:16*	*1*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*		*06/21/12 16:16*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 125*		*06/21/12 16:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 05:30	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 05:30	1
C13-C40	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*83*		*40 - 140*	*06/19/12 11:08*	*06/20/12 05:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 08:19	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 08:19	1
C13-C40	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 08:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*77*		*40 - 140*	*06/20/12 11:00*	*06/21/12 08:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:52	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:52	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:52	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:52	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:52	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:52	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*45 - 120*	*06/19/12 09:08*	*06/20/12 20:52*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**14**		4.0		mg/Kg		06/19/12 09:00	06/20/12 13:58	10
Zinc	**96**		10		mg/Kg		06/19/12 09:00	06/20/12 13:58	10
Nickel	**200**		4.0		mg/Kg		06/19/12 09:00	06/20/12 13:58	10
Chromium	**81**		2.0		mg/Kg		06/19/12 09:00	06/20/12 13:58	10
Cadmium	ND		1.0		mg/Kg		06/19/12 09:00	06/20/12 13:58	10

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-6-S-4'
Date Collected: 06/13/12 15:00
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/21/12 16:46	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/21/12 16:46	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/21/12 16:46	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/21/12 16:46	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/21/12 16:46	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/21/12 16:46	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/21/12 16:46	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 16:46	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg			06/21/12 16:46	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 16:46	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 16:46	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/21/12 16:46	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 16:46	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/21/12 16:46	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 16:46	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 16:46	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 16:46	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/21/12 16:46	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 16:46	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 16:46	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 16:46	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 16:46	1
Benzene	ND		2.0		ug/Kg			06/21/12 16:46	1
Bromobenzene	ND		5.0		ug/Kg			06/21/12 16:46	1
Bromoform	ND		5.0		ug/Kg			06/21/12 16:46	1
Bromomethane	ND		5.0		ug/Kg			06/21/12 16:46	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/21/12 16:46	1
Chlorobenzene	ND		2.0		ug/Kg			06/21/12 16:46	1
Chloroethane	ND		5.0		ug/Kg			06/21/12 16:46	1
Chloroform	ND		2.0		ug/Kg			06/21/12 16:46	1
Chloromethane	ND		5.0		ug/Kg			06/21/12 16:46	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 16:46	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 16:46	1
Dibromomethane	ND		2.0		ug/Kg			06/21/12 16:46	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/21/12 16:46	1
Ethylbenzene	ND		2.0		ug/Kg			06/21/12 16:46	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/21/12 16:46	1
Isopropylbenzene	ND		2.0		ug/Kg			06/21/12 16:46	1
m,p-Xylene	ND		2.0		ug/Kg			06/21/12 16:46	1
Methylene Chloride	ND		20		ug/Kg			06/21/12 16:46	1
Naphthalene	ND		5.0		ug/Kg			06/21/12 16:46	1
n-Butylbenzene	ND		5.0		ug/Kg			06/21/12 16:46	1
N-Propylbenzene	ND		2.0		ug/Kg			06/21/12 16:46	1
o-Xylene	ND		2.0		ug/Kg			06/21/12 16:46	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/21/12 16:46	1
Styrene	ND		2.0		ug/Kg			06/21/12 16:46	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/21/12 16:46	1
Tetrachloroethene	ND		2.0		ug/Kg			06/21/12 16:46	1
Toluene	ND		2.0		ug/Kg			06/21/12 16:46	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 16:46	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 16:46	1

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-6-S-4'
Date Collected: 06/13/12 15:00
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/21/12 16:46	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/21/12 16:46	1
Vinyl chloride	ND		5.0		ug/Kg			06/21/12 16:46	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/21/12 16:46	1
Bromochloromethane	ND		5.0		ug/Kg			06/21/12 16:46	1
Bromodichloromethane	ND		2.0		ug/Kg			06/21/12 16:46	1
Dibromochloromethane	ND		2.0		ug/Kg			06/21/12 16:46	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/21/12 16:46	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/21/12 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/21/12 16:46*	*1*
4-Bromofluorobenzene (Surr)	*113*		*80 - 120*		*06/21/12 16:46*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 125*		*06/21/12 16:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 06:12	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 06:12	1
C13-C40	**12**		5.0		mg/Kg		06/19/12 11:08	06/20/12 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*86*		*40 - 140*	*06/19/12 11:08*	*06/20/12 06:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	**8.8**		5.0		mg/Kg		06/20/12 11:00	06/21/12 09:01	1
DRO (C13-C28)	**5.9**		5.0		mg/Kg		06/20/12 11:00	06/21/12 09:01	1
C13-C40	**16**		5.0		mg/Kg		06/20/12 11:00	06/21/12 09:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*81*		*40 - 140*	*06/20/12 11:00*	*06/21/12 09:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:07	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:07	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:07	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:07	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:07	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:07	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*45 - 120*	*06/19/12 09:08*	*06/20/12 21:07*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**18**		4.0		mg/Kg		06/19/12 09:00	06/20/12 14:10	10
Zinc	**96**		10		mg/Kg		06/19/12 09:00	06/20/12 14:10	10
Nickel	**220**		4.0		mg/Kg		06/19/12 09:00	06/20/12 14:10	10
Chromium	**99**		2.0		mg/Kg		06/19/12 09:00	06/20/12 14:10	10
Cadmium	ND		1.0		mg/Kg		06/19/12 09:00	06/20/12 14:10	10

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-7-S-14'
Date Collected: 06/13/12 15:35
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		24		ug/Kg			06/21/12 17:17	1
1,1,1-Trichloroethane	ND		9.7		ug/Kg			06/21/12 17:17	1
1,1,2,2-Tetrachloroethane	ND		9.7		ug/Kg			06/21/12 17:17	1
1,1,2-Trichloroethane	ND		9.7		ug/Kg			06/21/12 17:17	1
1,1-Dichloroethane	ND		9.7		ug/Kg			06/21/12 17:17	1
1,1-Dichloroethene	ND		24		ug/Kg			06/21/12 17:17	1
1,1-Dichloropropene	ND		9.7		ug/Kg			06/21/12 17:17	1
1,2,3-Trichlorobenzene	ND		24		ug/Kg			06/21/12 17:17	1
1,2,3-Trichloropropane	ND		49		ug/Kg			06/21/12 17:17	1
1,2,4-Trichlorobenzene	ND		24		ug/Kg			06/21/12 17:17	1
1,2,4-Trimethylbenzene	**75**		9.7		ug/Kg			06/21/12 17:17	1
1,2-Dibromo-3-Chloropropane	ND		24		ug/Kg			06/21/12 17:17	1
1,2-Dichlorobenzene	ND		9.7		ug/Kg			06/21/12 17:17	1
1,2-Dichloroethane	ND		9.7		ug/Kg			06/21/12 17:17	1
1,2-Dichloropropane	ND		9.7		ug/Kg			06/21/12 17:17	1
1,3,5-Trimethylbenzene	**56**		9.7		ug/Kg			06/21/12 17:17	1
1,3-Dichlorobenzene	ND		9.7		ug/Kg			06/21/12 17:17	1
1,3-Dichloropropane	ND		9.7		ug/Kg			06/21/12 17:17	1
1,4-Dichlorobenzene	ND		9.7		ug/Kg			06/21/12 17:17	1
2,2-Dichloropropane	ND		9.7		ug/Kg			06/21/12 17:17	1
2-Chlorotoluene	ND		24		ug/Kg			06/21/12 17:17	1
4-Chlorotoluene	ND		24		ug/Kg			06/21/12 17:17	1
Benzene	ND		9.7		ug/Kg			06/21/12 17:17	1
Bromobenzene	ND		24		ug/Kg			06/21/12 17:17	1
Bromoform	ND		24		ug/Kg			06/21/12 17:17	1
Bromomethane	ND		24		ug/Kg			06/21/12 17:17	1
Carbon tetrachloride	ND		24		ug/Kg			06/21/12 17:17	1
Chlorobenzene	ND		9.7		ug/Kg			06/21/12 17:17	1
Chloroethane	ND		24		ug/Kg			06/21/12 17:17	1
Chloroform	ND		9.7		ug/Kg			06/21/12 17:17	1
Chloromethane	ND		24		ug/Kg			06/21/12 17:17	1
cis-1,2-Dichloroethene	ND		9.7		ug/Kg			06/21/12 17:17	1
cis-1,3-Dichloropropene	ND		9.7		ug/Kg			06/21/12 17:17	1
Dibromomethane	ND		9.7		ug/Kg			06/21/12 17:17	1
Dichlorodifluoromethane	ND		24		ug/Kg			06/21/12 17:17	1
Ethylbenzene	**350**		9.7		ug/Kg			06/21/12 17:17	1
Hexachlorobutadiene	ND		24		ug/Kg			06/21/12 17:17	1
Isopropylbenzene	**94**		9.7		ug/Kg			06/21/12 17:17	1
m,p-Xylene	ND		9.7		ug/Kg			06/21/12 17:17	1
Methylene Chloride	ND		97		ug/Kg			06/21/12 17:17	1
Naphthalene	**200**		24		ug/Kg			06/21/12 17:17	1
n-Butylbenzene	**210**		24		ug/Kg			06/21/12 17:17	1
N-Propylbenzene	**340**		9.7		ug/Kg			06/21/12 17:17	1
o-Xylene	ND		9.7		ug/Kg			06/21/12 17:17	1
sec-Butylbenzene	**56**		24		ug/Kg			06/21/12 17:17	1
Styrene	ND		9.7		ug/Kg			06/21/12 17:17	1
tert-Butylbenzene	**200**		24		ug/Kg			06/21/12 17:17	1
Tetrachloroethene	ND		9.7		ug/Kg			06/21/12 17:17	1
Toluene	ND		9.7		ug/Kg			06/21/12 17:17	1
trans-1,2-Dichloroethene	ND		9.7		ug/Kg			06/21/12 17:17	1
trans-1,3-Dichloropropene	ND		9.7		ug/Kg			06/21/12 17:17	1

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-7-S-14'
Date Collected: 06/13/12 15:35
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		9.7		ug/Kg			06/21/12 17:17	1
Trichlorofluoromethane	ND		24		ug/Kg			06/21/12 17:17	1
Vinyl chloride	ND		24		ug/Kg			06/21/12 17:17	1
1,2-Dibromoethane (EDB)	ND		9.7		ug/Kg			06/21/12 17:17	1
Bromochloromethane	ND		24		ug/Kg			06/21/12 17:17	1
Bromodichloromethane	ND		9.7		ug/Kg			06/21/12 17:17	1
Dibromochloromethane	ND		9.7		ug/Kg			06/21/12 17:17	1
p-Isopropyltoluene	**38**		9.7		ug/Kg			06/21/12 17:17	1
Methyl-t-Butyl Ether (MTBE)	ND		24		ug/Kg			06/21/12 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*80 - 120*		*06/21/12 17:17*	*1*
4-Bromofluorobenzene (Surr)	*123*	*X*	*80 - 120*		*06/21/12 17:17*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 125*		*06/21/12 17:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		15		mg/Kg		06/19/12 11:08	06/20/12 07:35	1
DRO (C13-C28)	ND		15		mg/Kg		06/19/12 11:08	06/20/12 07:35	1
C13-C40	ND		15		mg/Kg		06/19/12 11:08	06/20/12 07:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*85*		*40 - 140*	*06/19/12 11:08*	*06/20/12 07:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		15		mg/Kg		06/20/12 11:00	06/21/12 11:04	1
DRO (C13-C28)	ND		15		mg/Kg		06/20/12 11:00	06/21/12 11:04	1
C13-C40	ND		15		mg/Kg		06/20/12 11:00	06/21/12 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*85*		*40 - 140*	*06/20/12 11:00*	*06/21/12 11:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:22	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:22	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:22	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:22	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:22	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:22	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*45 - 120*	*06/19/12 09:08*	*06/20/12 21:22*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**13**		4.0		mg/Kg		06/19/12 09:00	06/20/12 14:13	10
Zinc	**62**		10		mg/Kg		06/19/12 09:00	06/20/12 14:13	10
Nickel	**96**		4.0		mg/Kg		06/19/12 09:00	06/20/12 14:13	10
Chromium	**55**		2.0		mg/Kg		06/19/12 09:00	06/20/12 14:13	10
Cadmium	ND		1.0		mg/Kg		06/19/12 09:00	06/20/12 14:13	10

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-4-S-8'
Date Collected: 06/13/12 17:15
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/21/12 17:47	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/21/12 17:47	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/21/12 17:47	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/21/12 17:47	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/21/12 17:47	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/21/12 17:47	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/21/12 17:47	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 17:47	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg			06/21/12 17:47	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 17:47	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 17:47	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/21/12 17:47	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 17:47	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/21/12 17:47	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 17:47	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 17:47	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 17:47	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/21/12 17:47	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 17:47	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 17:47	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 17:47	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 17:47	1
Benzene	ND		2.0		ug/Kg			06/21/12 17:47	1
Bromobenzene	ND		5.0		ug/Kg			06/21/12 17:47	1
Bromoform	ND		5.0		ug/Kg			06/21/12 17:47	1
Bromomethane	ND		5.0		ug/Kg			06/21/12 17:47	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/21/12 17:47	1
Chlorobenzene	ND		2.0		ug/Kg			06/21/12 17:47	1
Chloroethane	ND		5.0		ug/Kg			06/21/12 17:47	1
Chloroform	ND		2.0		ug/Kg			06/21/12 17:47	1
Chloromethane	ND		5.0		ug/Kg			06/21/12 17:47	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 17:47	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 17:47	1
Dibromomethane	ND		2.0		ug/Kg			06/21/12 17:47	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/21/12 17:47	1
Ethylbenzene	ND		2.0		ug/Kg			06/21/12 17:47	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/21/12 17:47	1
Isopropylbenzene	ND		2.0		ug/Kg			06/21/12 17:47	1
m,p-Xylene	ND		2.0		ug/Kg			06/21/12 17:47	1
Methylene Chloride	ND		20		ug/Kg			06/21/12 17:47	1
Naphthalene	ND		5.0		ug/Kg			06/21/12 17:47	1
n-Butylbenzene	ND		5.0		ug/Kg			06/21/12 17:47	1
N-Propylbenzene	ND		2.0		ug/Kg			06/21/12 17:47	1
o-Xylene	ND		2.0		ug/Kg			06/21/12 17:47	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/21/12 17:47	1
Styrene	ND		2.0		ug/Kg			06/21/12 17:47	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/21/12 17:47	1
Tetrachloroethene	ND		2.0		ug/Kg			06/21/12 17:47	1
Toluene	ND		2.0		ug/Kg			06/21/12 17:47	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 17:47	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 17:47	1

Client Sample ID: B-4-S-8'
Date Collected: 06/13/12 17:15
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/21/12 17:47	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/21/12 17:47	1
Vinyl chloride	ND		5.0		ug/Kg			06/21/12 17:47	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/21/12 17:47	1
Bromochloromethane	ND		5.0		ug/Kg			06/21/12 17:47	1
Bromodichloromethane	ND		2.0		ug/Kg			06/21/12 17:47	1
Dibromochloromethane	ND		2.0		ug/Kg			06/21/12 17:47	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/21/12 17:47	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/21/12 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*80 - 120*		*06/21/12 17:47*	*1*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*		*06/21/12 17:47*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 125*		*06/21/12 17:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 08:56	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 08:56	1
C13-C40	**5.7**		5.0		mg/Kg		06/19/12 11:08	06/20/12 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*88*		*40 - 140*	*06/19/12 11:08*	*06/20/12 08:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 11:46	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 11:46	1
C13-C40	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*84*		*40 - 140*	*06/20/12 11:00*	*06/21/12 11:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:37	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:37	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:37	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:37	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:37	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:37	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*45 - 120*	*06/19/12 09:08*	*06/20/12 21:37*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**13**		2.0		mg/Kg		06/19/12 09:00	06/20/12 13:38	5
Zinc	**38**		4.9		mg/Kg		06/19/12 09:00	06/20/12 13:38	5
Nickel	**30**		2.0		mg/Kg		06/19/12 09:00	06/20/12 13:38	5
Chromium	**34**		0.98		mg/Kg		06/19/12 09:00	06/20/12 13:38	5
Cadmium	**0.49**		0.49		mg/Kg		06/19/12 09:00	06/20/12 13:38	5

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-1-S-12'
Date Collected: 06/14/12 10:30
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/21/12 18:18	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/21/12 18:18	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/21/12 18:18	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/21/12 18:18	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/21/12 18:18	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/21/12 18:18	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/21/12 18:18	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 18:18	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg			06/21/12 18:18	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 18:18	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 18:18	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/21/12 18:18	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 18:18	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/21/12 18:18	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 18:18	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 18:18	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 18:18	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/21/12 18:18	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 18:18	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 18:18	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 18:18	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 18:18	1
Benzene	ND		2.0		ug/Kg			06/21/12 18:18	1
Bromobenzene	ND		5.0		ug/Kg			06/21/12 18:18	1
Bromoform	ND		5.0		ug/Kg			06/21/12 18:18	1
Bromomethane	ND		5.0		ug/Kg			06/21/12 18:18	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/21/12 18:18	1
Chlorobenzene	ND		2.0		ug/Kg			06/21/12 18:18	1
Chloroethane	ND		5.0		ug/Kg			06/21/12 18:18	1
Chloroform	ND		2.0		ug/Kg			06/21/12 18:18	1
Chloromethane	ND		5.0		ug/Kg			06/21/12 18:18	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 18:18	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 18:18	1
Dibromomethane	ND		2.0		ug/Kg			06/21/12 18:18	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/21/12 18:18	1
Ethylbenzene	ND		2.0		ug/Kg			06/21/12 18:18	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/21/12 18:18	1
Isopropylbenzene	ND		2.0		ug/Kg			06/21/12 18:18	1
m,p-Xylene	ND		2.0		ug/Kg			06/21/12 18:18	1
Methylene Chloride	ND		20		ug/Kg			06/21/12 18:18	1
Naphthalene	ND		5.0		ug/Kg			06/21/12 18:18	1
n-Butylbenzene	ND		5.0		ug/Kg			06/21/12 18:18	1
N-Propylbenzene	ND		2.0		ug/Kg			06/21/12 18:18	1
o-Xylene	ND		2.0		ug/Kg			06/21/12 18:18	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/21/12 18:18	1
Styrene	ND		2.0		ug/Kg			06/21/12 18:18	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/21/12 18:18	1
Tetrachloroethene	ND		2.0		ug/Kg			06/21/12 18:18	1
Toluene	ND		2.0		ug/Kg			06/21/12 18:18	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 18:18	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 18:18	1

Client Sample ID: B-1-S-12'
Date Collected: 06/14/12 10:30
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/21/12 18:18	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/21/12 18:18	1
Vinyl chloride	ND		5.0		ug/Kg			06/21/12 18:18	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/21/12 18:18	1
Bromochloromethane	ND		5.0		ug/Kg			06/21/12 18:18	1
Bromodichloromethane	ND		2.0		ug/Kg			06/21/12 18:18	1
Dibromochloromethane	ND		2.0		ug/Kg			06/21/12 18:18	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/21/12 18:18	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/21/12 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/21/12 18:18*	*1*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*06/21/12 18:18*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 125*		*06/21/12 18:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	330		100		mg/Kg		06/19/12 11:08	06/21/12 11:18	20
DRO (C13-C28)	590		100		mg/Kg		06/19/12 11:08	06/21/12 11:18	20
C13-C40	930		100		mg/Kg		06/19/12 11:08	06/21/12 11:18	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*95*		*40 - 140*	*06/19/12 11:08*	*06/21/12 11:18*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	280		50		mg/Kg		06/20/12 11:00	06/22/12 13:32	10
DRO (C13-C28)	500		50		mg/Kg		06/20/12 11:00	06/22/12 13:32	10
C13-C40	790		50		mg/Kg		06/20/12 11:00	06/22/12 13:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*75*		*40 - 140*	*06/20/12 11:00*	*06/22/12 13:32*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:52	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:52	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:52	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:52	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:52	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:52	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*45 - 120*	*06/19/12 09:08*	*06/20/12 21:52*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	14		4.0		mg/Kg		06/19/12 09:00	06/26/12 14:32	10
Zinc	74		10		mg/Kg		06/19/12 09:00	06/26/12 14:32	10
Nickel	120		4.0		mg/Kg		06/19/12 09:00	06/26/12 14:32	10
Chromium	90		2.0		mg/Kg		06/19/12 09:00	06/26/12 14:32	10
Cadmium	ND		1.0		mg/Kg		06/19/12 09:00	06/26/12 14:32	10

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-2-S-2'
Date Collected: 06/14/12 11:45
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/21/12 13:13	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/21/12 13:13	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/21/12 13:13	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/21/12 13:13	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/21/12 13:13	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/21/12 13:13	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/21/12 13:13	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 13:13	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg			06/21/12 13:13	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 13:13	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 13:13	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/21/12 13:13	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 13:13	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/21/12 13:13	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 13:13	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 13:13	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 13:13	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/21/12 13:13	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 13:13	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 13:13	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 13:13	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 13:13	1
Benzene	ND		2.0		ug/Kg			06/21/12 13:13	1
Bromobenzene	ND		5.0		ug/Kg			06/21/12 13:13	1
Bromoform	ND		5.0		ug/Kg			06/21/12 13:13	1
Bromomethane	ND		5.0		ug/Kg			06/21/12 13:13	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/21/12 13:13	1
Chlorobenzene	ND		2.0		ug/Kg			06/21/12 13:13	1
Chloroethane	ND		5.0		ug/Kg			06/21/12 13:13	1
Chloroform	ND		2.0		ug/Kg			06/21/12 13:13	1
Chloromethane	ND		5.0		ug/Kg			06/21/12 13:13	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 13:13	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 13:13	1
Dibromomethane	ND		2.0		ug/Kg			06/21/12 13:13	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/21/12 13:13	1
Ethylbenzene	ND		2.0		ug/Kg			06/21/12 13:13	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/21/12 13:13	1
Isopropylbenzene	ND		2.0		ug/Kg			06/21/12 13:13	1
m,p-Xylene	ND		2.0		ug/Kg			06/21/12 13:13	1
Methylene Chloride	ND		20		ug/Kg			06/21/12 13:13	1
Naphthalene	ND		5.0		ug/Kg			06/21/12 13:13	1
n-Butylbenzene	ND		5.0		ug/Kg			06/21/12 13:13	1
N-Propylbenzene	ND		2.0		ug/Kg			06/21/12 13:13	1
o-Xylene	ND		2.0		ug/Kg			06/21/12 13:13	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/21/12 13:13	1
Styrene	ND		2.0		ug/Kg			06/21/12 13:13	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/21/12 13:13	1
Tetrachloroethene	ND		2.0		ug/Kg			06/21/12 13:13	1
Toluene	ND		2.0		ug/Kg			06/21/12 13:13	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 13:13	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 13:13	1

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-2-S-2'
Date Collected: 06/14/12 11:45
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/21/12 13:13	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/21/12 13:13	1
Vinyl chloride	ND		5.0		ug/Kg			06/21/12 13:13	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/21/12 13:13	1
Bromochloromethane	ND		5.0		ug/Kg			06/21/12 13:13	1
Bromodichloromethane	ND		2.0		ug/Kg			06/21/12 13:13	1
Dibromochloromethane	ND		2.0		ug/Kg			06/21/12 13:13	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/21/12 13:13	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/21/12 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*06/21/12 13:13*	*1*
4-Bromofluorobenzene (Surr)	*114*		*80 - 120*		*06/21/12 13:13*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 125*		*06/21/12 13:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 10:17	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 10:17	1
C13-C40	**7.6**		5.0		mg/Kg		06/19/12 11:08	06/20/12 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*89*		*40 - 140*	*06/19/12 11:08*	*06/20/12 10:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 13:10	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 13:10	1
C13-C40	**6.3**		5.0		mg/Kg		06/20/12 11:00	06/21/12 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*79*		*40 - 140*	*06/20/12 11:00*	*06/21/12 13:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:07	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:07	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:07	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:07	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:07	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:07	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*45 - 120*	*06/19/12 09:08*	*06/20/12 22:07*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**16**		10		mg/Kg		06/19/12 09:00	06/20/12 13:42	25
Zinc	**97**		25		mg/Kg		06/19/12 09:00	06/20/12 13:42	25
Nickel	**380**		10		mg/Kg		06/19/12 09:00	06/20/12 13:42	25
Chromium	**130**		5.1		mg/Kg		06/19/12 09:00	06/20/12 13:42	25
Cadmium	ND		2.5		mg/Kg		06/19/12 09:00	06/20/12 13:42	25

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-2-S-12'
Date Collected: 06/14/12 14:00
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/21/12 18:48	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/21/12 18:48	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/21/12 18:48	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/21/12 18:48	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/21/12 18:48	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/21/12 18:48	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/21/12 18:48	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 18:48	1
1,2,3-Trichloropropane	ND		10		ug/Kg			06/21/12 18:48	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 18:48	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 18:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/21/12 18:48	1
1,2-Dichlorobenzene	**2.3**		2.0		ug/Kg			06/21/12 18:48	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/21/12 18:48	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 18:48	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 18:48	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 18:48	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/21/12 18:48	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 18:48	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 18:48	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 18:48	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 18:48	1
Benzene	ND		2.0		ug/Kg			06/21/12 18:48	1
Bromobenzene	ND		5.0		ug/Kg			06/21/12 18:48	1
Bromoform	ND		5.0		ug/Kg			06/21/12 18:48	1
Bromomethane	ND		5.0		ug/Kg			06/21/12 18:48	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/21/12 18:48	1
Chlorobenzene	ND		2.0		ug/Kg			06/21/12 18:48	1
Chloroethane	ND		5.0		ug/Kg			06/21/12 18:48	1
Chloroform	ND		2.0		ug/Kg			06/21/12 18:48	1
Chloromethane	ND		5.0		ug/Kg			06/21/12 18:48	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 18:48	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 18:48	1
Dibromomethane	ND		2.0		ug/Kg			06/21/12 18:48	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/21/12 18:48	1
Ethylbenzene	ND		2.0		ug/Kg			06/21/12 18:48	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/21/12 18:48	1
Isopropylbenzene	ND		2.0		ug/Kg			06/21/12 18:48	1
m,p-Xylene	ND		2.0		ug/Kg			06/21/12 18:48	1
Methylene Chloride	ND		20		ug/Kg			06/21/12 18:48	1
Naphthalene	ND		5.0		ug/Kg			06/21/12 18:48	1
n-Butylbenzene	ND		5.0		ug/Kg			06/21/12 18:48	1
N-Propylbenzene	ND		2.0		ug/Kg			06/21/12 18:48	1
o-Xylene	ND		2.0		ug/Kg			06/21/12 18:48	1
sec-Butylbenzene	**6.5**		5.0		ug/Kg			06/21/12 18:48	1
Styrene	ND		2.0		ug/Kg			06/21/12 18:48	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/21/12 18:48	1
Tetrachloroethene	ND		2.0		ug/Kg			06/21/12 18:48	1
Toluene	ND		2.0		ug/Kg			06/21/12 18:48	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 18:48	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 18:48	1

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-2-S-12'
Date Collected: 06/14/12 14:00
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/21/12 18:48	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/21/12 18:48	1
Vinyl chloride	ND		5.0		ug/Kg			06/21/12 18:48	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/21/12 18:48	1
Bromochloromethane	ND		5.0		ug/Kg			06/21/12 18:48	1
Bromodichloromethane	ND		2.0		ug/Kg			06/21/12 18:48	1
Dibromochloromethane	ND		2.0		ug/Kg			06/21/12 18:48	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/21/12 18:48	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/21/12 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*06/21/12 18:48*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*06/21/12 18:48*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 125*		*06/21/12 18:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	310		75		mg/Kg		06/19/12 11:08	06/21/12 11:39	5
DRO (C13-C28)	610		75		mg/Kg		06/19/12 11:08	06/21/12 11:39	5
C13-C40	930		75		mg/Kg		06/19/12 11:08	06/21/12 11:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*76*		*40 - 140*	*06/19/12 11:08*	*06/21/12 11:39*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	250		15		mg/Kg		06/20/12 11:00	06/21/12 14:31	1
DRO (C13-C28)	260		15		mg/Kg		06/20/12 11:00	06/21/12 14:31	1
C13-C40	520		15		mg/Kg		06/20/12 11:00	06/21/12 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*72*		*40 - 140*	*06/20/12 11:00*	*06/21/12 14:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:22	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:22	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:22	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:22	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:22	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:22	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*45 - 120*	*06/19/12 09:08*	*06/20/12 22:22*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	14		4.0		mg/Kg		06/19/12 09:00	06/26/12 14:34	10
Zinc	76		10		mg/Kg		06/19/12 09:00	06/26/12 14:34	10
Nickel	98		4.0		mg/Kg		06/19/12 09:00	06/26/12 14:34	10
Chromium	65		2.0		mg/Kg		06/19/12 09:00	06/26/12 14:34	10
Cadmium	ND		1.0		mg/Kg		06/19/12 09:00	06/26/12 14:34	10

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-3-S-4'
Date Collected: 06/14/12 14:15
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/21/12 19:19	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/21/12 19:19	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/21/12 19:19	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/21/12 19:19	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/21/12 19:19	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/21/12 19:19	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/21/12 19:19	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 19:19	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg			06/21/12 19:19	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 19:19	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 19:19	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/21/12 19:19	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 19:19	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/21/12 19:19	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 19:19	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 19:19	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 19:19	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/21/12 19:19	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 19:19	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 19:19	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 19:19	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 19:19	1
Benzene	ND		2.0		ug/Kg			06/21/12 19:19	1
Bromobenzene	ND		5.0		ug/Kg			06/21/12 19:19	1
Bromoform	ND		5.0		ug/Kg			06/21/12 19:19	1
Bromomethane	ND		5.0		ug/Kg			06/21/12 19:19	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/21/12 19:19	1
Chlorobenzene	ND		2.0		ug/Kg			06/21/12 19:19	1
Chloroethane	ND		5.0		ug/Kg			06/21/12 19:19	1
Chloroform	ND		2.0		ug/Kg			06/21/12 19:19	1
Chloromethane	ND		5.0		ug/Kg			06/21/12 19:19	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 19:19	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 19:19	1
Dibromomethane	ND		2.0		ug/Kg			06/21/12 19:19	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/21/12 19:19	1
Ethylbenzene	ND		2.0		ug/Kg			06/21/12 19:19	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/21/12 19:19	1
Isopropylbenzene	ND		2.0		ug/Kg			06/21/12 19:19	1
m,p-Xylene	ND		2.0		ug/Kg			06/21/12 19:19	1
Methylene Chloride	ND		20		ug/Kg			06/21/12 19:19	1
Naphthalene	ND		5.0		ug/Kg			06/21/12 19:19	1
n-Butylbenzene	ND		5.0		ug/Kg			06/21/12 19:19	1
N-Propylbenzene	ND		2.0		ug/Kg			06/21/12 19:19	1
o-Xylene	ND		2.0		ug/Kg			06/21/12 19:19	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/21/12 19:19	1
Styrene	ND		2.0		ug/Kg			06/21/12 19:19	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/21/12 19:19	1
Tetrachloroethene	ND		2.0		ug/Kg			06/21/12 19:19	1
Toluene	ND		2.0		ug/Kg			06/21/12 19:19	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 19:19	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 19:19	1

Client Sample ID: B-3-S-4'
Date Collected: 06/14/12 14:15
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/21/12 19:19	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/21/12 19:19	1
Vinyl chloride	ND		5.0		ug/Kg			06/21/12 19:19	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/21/12 19:19	1
Bromochloromethane	ND		5.0		ug/Kg			06/21/12 19:19	1
Bromodichloromethane	ND		2.0		ug/Kg			06/21/12 19:19	1
Dibromochloromethane	ND		2.0		ug/Kg			06/21/12 19:19	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/21/12 19:19	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/21/12 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*06/21/12 19:19*	*1*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*		*06/21/12 19:19*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 125*		*06/21/12 19:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 11:38	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 11:38	1
C13-C40	**5.8**		5.0		mg/Kg		06/19/12 11:08	06/20/12 11:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*87*		*40 - 140*	*06/19/12 11:08*	*06/20/12 11:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 07:01	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 07:01	1
C13-C40	**8.5**		5.0		mg/Kg		06/20/12 11:00	06/21/12 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*82*		*40 - 140*	*06/20/12 11:00*	*06/21/12 07:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:37	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:37	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:37	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:37	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:37	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:37	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*45 - 120*	*06/19/12 09:08*	*06/20/12 22:37*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**13**		9.8		mg/Kg		06/19/12 09:00	06/20/12 13:45	25
Zinc	**79**		25		mg/Kg		06/19/12 09:00	06/20/12 13:45	25
Nickel	**150**		9.8		mg/Kg		06/19/12 09:00	06/20/12 13:45	25
Chromium	**83**		4.9		mg/Kg		06/19/12 09:00	06/20/12 13:45	25
Cadmium	ND		2.5		mg/Kg		06/19/12 09:00	06/20/12 13:45	25

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-8-S-14'
Date Collected: 06/14/12 16:35
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/21/12 19:50	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/21/12 19:50	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/21/12 19:50	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/21/12 19:50	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/21/12 19:50	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/21/12 19:50	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/21/12 19:50	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 19:50	1
1,2,3-Trichloropropane	ND		9.9		ug/Kg			06/21/12 19:50	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 19:50	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 19:50	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/21/12 19:50	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 19:50	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/21/12 19:50	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 19:50	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 19:50	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 19:50	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/21/12 19:50	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 19:50	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 19:50	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 19:50	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 19:50	1
Benzene	ND		2.0		ug/Kg			06/21/12 19:50	1
Bromobenzene	ND		5.0		ug/Kg			06/21/12 19:50	1
Bromoform	ND		5.0		ug/Kg			06/21/12 19:50	1
Bromomethane	ND		5.0		ug/Kg			06/21/12 19:50	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/21/12 19:50	1
Chlorobenzene	ND		2.0		ug/Kg			06/21/12 19:50	1
Chloroethane	ND		5.0		ug/Kg			06/21/12 19:50	1
Chloroform	ND		2.0		ug/Kg			06/21/12 19:50	1
Chloromethane	ND		5.0		ug/Kg			06/21/12 19:50	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 19:50	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 19:50	1
Dibromomethane	ND		2.0		ug/Kg			06/21/12 19:50	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/21/12 19:50	1
Ethylbenzene	**2.1**		2.0		ug/Kg			06/21/12 19:50	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/21/12 19:50	1
Isopropylbenzene	ND		2.0		ug/Kg			06/21/12 19:50	1
m,p-Xylene	ND		2.0		ug/Kg			06/21/12 19:50	1
Methylene Chloride	ND		20		ug/Kg			06/21/12 19:50	1
Naphthalene	ND		5.0		ug/Kg			06/21/12 19:50	1
n-Butylbenzene	ND		5.0		ug/Kg			06/21/12 19:50	1
N-Propylbenzene	**3.5**		2.0		ug/Kg			06/21/12 19:50	1
o-Xylene	ND		2.0		ug/Kg			06/21/12 19:50	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/21/12 19:50	1
Styrene	ND		2.0		ug/Kg			06/21/12 19:50	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/21/12 19:50	1
Tetrachloroethene	ND		2.0		ug/Kg			06/21/12 19:50	1
Toluene	ND		2.0		ug/Kg			06/21/12 19:50	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 19:50	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 19:50	1

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-8-S-14'
Date Collected: 06/14/12 16:35
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/21/12 19:50	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/21/12 19:50	1
Vinyl chloride	ND		5.0		ug/Kg			06/21/12 19:50	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/21/12 19:50	1
Bromochloromethane	ND		5.0		ug/Kg			06/21/12 19:50	1
Bromodichloromethane	ND		2.0		ug/Kg			06/21/12 19:50	1
Dibromochloromethane	ND		2.0		ug/Kg			06/21/12 19:50	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/21/12 19:50	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/21/12 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/21/12 19:50*	*1*
4-Bromofluorobenzene (Surr)	*117*		*80 - 120*		*06/21/12 19:50*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 125*		*06/21/12 19:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		15		mg/Kg		06/19/12 11:08	06/20/12 12:18	1
DRO (C13-C28)	ND		15		mg/Kg		06/19/12 11:08	06/20/12 12:18	1
C13-C40	ND		15		mg/Kg		06/19/12 11:08	06/20/12 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*89*		*40 - 140*	*06/19/12 11:08*	*06/20/12 12:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 15:10	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 15:10	1
C13-C40	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*85*		*40 - 140*	*06/20/12 11:00*	*06/21/12 15:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:52	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:52	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:52	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:52	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:52	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:52	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*45 - 120*	*06/19/12 09:08*	*06/20/12 22:52*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**12**		4.0		mg/Kg		06/19/12 09:00	06/26/12 14:38	10
Zinc	**63**		9.9		mg/Kg		06/19/12 09:00	06/26/12 14:38	10
Nickel	**93**		4.0		mg/Kg		06/19/12 09:00	06/26/12 14:38	10
Chromium	**57**		2.0		mg/Kg		06/19/12 09:00	06/26/12 14:38	10
Cadmium	ND		0.99		mg/Kg		06/19/12 09:00	06/26/12 14:38	10

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-8-S-6'
Date Collected: 06/14/12 16:40
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/21/12 20:20	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/21/12 20:20	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/21/12 20:20	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/21/12 20:20	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/21/12 20:20	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/21/12 20:20	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/21/12 20:20	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 20:20	1
1,2,3-Trichloropropane	ND		10		ug/Kg			06/21/12 20:20	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/21/12 20:20	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 20:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/21/12 20:20	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 20:20	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/21/12 20:20	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 20:20	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/21/12 20:20	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 20:20	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/21/12 20:20	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/21/12 20:20	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/21/12 20:20	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 20:20	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/21/12 20:20	1
Benzene	ND		2.0		ug/Kg			06/21/12 20:20	1
Bromobenzene	ND		5.0		ug/Kg			06/21/12 20:20	1
Bromoform	ND		5.0		ug/Kg			06/21/12 20:20	1
Bromomethane	ND		5.0		ug/Kg			06/21/12 20:20	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/21/12 20:20	1
Chlorobenzene	ND		2.0		ug/Kg			06/21/12 20:20	1
Chloroethane	ND		5.0		ug/Kg			06/21/12 20:20	1
Chloroform	ND		2.0		ug/Kg			06/21/12 20:20	1
Chloromethane	ND		5.0		ug/Kg			06/21/12 20:20	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 20:20	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 20:20	1
Dibromomethane	ND		2.0		ug/Kg			06/21/12 20:20	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/21/12 20:20	1
Ethylbenzene	ND		2.0		ug/Kg			06/21/12 20:20	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/21/12 20:20	1
Isopropylbenzene	ND		2.0		ug/Kg			06/21/12 20:20	1
m,p-Xylene	ND		2.0		ug/Kg			06/21/12 20:20	1
Methylene Chloride	ND		20		ug/Kg			06/21/12 20:20	1
Naphthalene	ND		5.0		ug/Kg			06/21/12 20:20	1
n-Butylbenzene	ND		5.0		ug/Kg			06/21/12 20:20	1
N-Propylbenzene	ND		2.0		ug/Kg			06/21/12 20:20	1
o-Xylene	ND		2.0		ug/Kg			06/21/12 20:20	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/21/12 20:20	1
Styrene	ND		2.0		ug/Kg			06/21/12 20:20	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/21/12 20:20	1
Tetrachloroethene	ND		2.0		ug/Kg			06/21/12 20:20	1
Toluene	ND		2.0		ug/Kg			06/21/12 20:20	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/21/12 20:20	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/21/12 20:20	1

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-14911-1

Client Sample ID: B-8-S-6'
Date Collected: 06/14/12 16:40
Date Received: 06/15/12 10:30

Lab Sample ID: 440-14911-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/21/12 20:20	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/21/12 20:20	1
Vinyl chloride	ND		5.0		ug/Kg			06/21/12 20:20	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/21/12 20:20	1
Bromochloromethane	ND		5.0		ug/Kg			06/21/12 20:20	1
Bromodichloromethane	ND		2.0		ug/Kg			06/21/12 20:20	1
Dibromochloromethane	ND		2.0		ug/Kg			06/21/12 20:20	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/21/12 20:20	1
Methyl-t-Butyl Ether (MTBE)	**13**		5.0		ug/Kg			06/21/12 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*80 - 120*		*06/21/12 20:20*	*1*
4-Bromofluorobenzene (Surr)	*114*		*80 - 120*		*06/21/12 20:20*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 125*		*06/21/12 20:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 12:58	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 12:58	1
C13-C40	ND		5.0		mg/Kg		06/19/12 11:08	06/20/12 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*87*		*40 - 140*	*06/19/12 11:08*	*06/20/12 12:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 15:46	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 15:46	1
C13-C40	ND		5.0		mg/Kg		06/20/12 11:00	06/21/12 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*90*		*40 - 140*	*06/20/12 11:00*	*06/21/12 15:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/19/12 09:08	06/20/12 23:07	1
Aroclor 1221	ND		50		ug/Kg		06/19/12 09:08	06/20/12 23:07	1
Aroclor 1232	ND		50		ug/Kg		06/19/12 09:08	06/20/12 23:07	1
Aroclor 1242	ND		50		ug/Kg		06/19/12 09:08	06/20/12 23:07	1
Aroclor 1248	ND		50		ug/Kg		06/19/12 09:08	06/20/12 23:07	1
Aroclor 1254	ND		50		ug/Kg		06/19/12 09:08	06/20/12 23:07	1
Aroclor 1260	ND		50		ug/Kg		06/19/12 09:08	06/20/12 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*45 - 120*	*06/19/12 09:08*	*06/20/12 23:07*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**13**		3.9		mg/Kg		06/19/12 09:00	06/26/12 14:40	10
Zinc	**87**		9.9		mg/Kg		06/19/12 09:00	06/26/12 14:40	10
Nickel	**190**		3.9		mg/Kg		06/19/12 09:00	06/26/12 14:40	10
Chromium	**110**		2.0		mg/Kg		06/19/12 09:00	06/26/12 14:40	10
Cadmium	ND		0.99		mg/Kg		06/19/12 09:00	06/26/12 14:40	10

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-15194-1

Client Sample ID: B-3-S-12'
Date Collected: 06/15/12 11:30
Date Received: 06/20/12 09:40

Lab Sample ID: 440-15194-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/27/12 17:01	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/27/12 17:01	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/27/12 17:01	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/27/12 17:01	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/27/12 17:01	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/27/12 17:01	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/27/12 17:01	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/27/12 17:01	1
1,2,3-Trichloropropane	ND		10		ug/Kg			06/27/12 17:01	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/27/12 17:01	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/27/12 17:01	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/27/12 17:01	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/27/12 17:01	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/27/12 17:01	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/27/12 17:01	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/27/12 17:01	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/27/12 17:01	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/27/12 17:01	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/27/12 17:01	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/27/12 17:01	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/27/12 17:01	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/27/12 17:01	1
Benzene	ND		2.0		ug/Kg			06/27/12 17:01	1
Bromobenzene	ND		5.0		ug/Kg			06/27/12 17:01	1
Bromoform	ND		5.0		ug/Kg			06/27/12 17:01	1
Bromomethane	ND		5.0		ug/Kg			06/27/12 17:01	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/27/12 17:01	1
Chlorobenzene	ND		2.0		ug/Kg			06/27/12 17:01	1
Chloroethane	ND		5.0		ug/Kg			06/27/12 17:01	1
Chloroform	ND		2.0		ug/Kg			06/27/12 17:01	1
Chloromethane	ND		5.0		ug/Kg			06/27/12 17:01	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/27/12 17:01	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/27/12 17:01	1
Dibromomethane	ND		2.0		ug/Kg			06/27/12 17:01	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/27/12 17:01	1
Ethylbenzene	ND		2.0		ug/Kg			06/27/12 17:01	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/27/12 17:01	1
Isopropylbenzene	ND		2.0		ug/Kg			06/27/12 17:01	1
m,p-Xylene	ND		2.0		ug/Kg			06/27/12 17:01	1
Methylene Chloride	ND		20		ug/Kg			06/27/12 17:01	1
Naphthalene	ND		5.0		ug/Kg			06/27/12 17:01	1
n-Butylbenzene	ND		5.0		ug/Kg			06/27/12 17:01	1
N-Propylbenzene	ND		2.0		ug/Kg			06/27/12 17:01	1
o-Xylene	ND		2.0		ug/Kg			06/27/12 17:01	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/27/12 17:01	1
Styrene	ND		2.0		ug/Kg			06/27/12 17:01	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/27/12 17:01	1
Tetrachloroethene	ND		2.0		ug/Kg			06/27/12 17:01	1
Toluene	ND		2.0		ug/Kg			06/27/12 17:01	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/27/12 17:01	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/27/12 17:01	1

Client Sample ID: B-3-S-12'
Date Collected: 06/15/12 11:30
Date Received: 06/20/12 09:40

Lab Sample ID: 440-15194-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/27/12 17:01	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/27/12 17:01	1
Vinyl chloride	ND		5.0		ug/Kg			06/27/12 17:01	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/27/12 17:01	1
Bromochloromethane	ND		5.0		ug/Kg			06/27/12 17:01	1
Bromodichloromethane	ND		2.0		ug/Kg			06/27/12 17:01	1
Dibromochloromethane	ND		2.0		ug/Kg			06/27/12 17:01	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/27/12 17:01	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/27/12 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/27/12 17:01*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*06/27/12 17:01*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 125*		*06/27/12 17:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/21/12 09:38	06/22/12 00:09	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/21/12 09:38	06/22/12 00:09	1
C13-C40	ND		5.0		mg/Kg		06/21/12 09:38	06/22/12 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*81*		*40 - 140*	*06/21/12 09:38*	*06/22/12 00:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		5.0		mg/Kg		06/25/12 12:03	06/25/12 19:26	1
DRO (C13-C28)	ND		5.0		mg/Kg		06/25/12 12:03	06/25/12 19:26	1
C13-C40	ND		5.0		mg/Kg		06/25/12 12:03	06/25/12 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*72*		*40 - 140*	*06/25/12 12:03*	*06/25/12 19:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/24/12 14:12	06/25/12 22:04	1
Aroclor 1221	ND		50		ug/Kg		06/24/12 14:12	06/25/12 22:04	1
Aroclor 1232	ND		50		ug/Kg		06/24/12 14:12	06/25/12 22:04	1
Aroclor 1242	ND		50		ug/Kg		06/24/12 14:12	06/25/12 22:04	1
Aroclor 1248	ND		50		ug/Kg		06/24/12 14:12	06/25/12 22:04	1
Aroclor 1254	ND		50		ug/Kg		06/24/12 14:12	06/25/12 22:04	1
Aroclor 1260	ND		50		ug/Kg		06/24/12 14:12	06/25/12 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*45 - 120*	*06/24/12 14:12*	*06/25/12 22:04*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.8**		2.0		mg/Kg		06/25/12 09:46	06/27/12 18:48	5
Zinc	**37**		5.0		mg/Kg		06/25/12 09:46	06/27/12 18:48	5
Nickel	**71**		2.0		mg/Kg		06/25/12 09:46	06/27/12 18:48	5
Chromium	**71**		1.0		mg/Kg		06/25/12 09:46	06/27/12 18:48	5
Cadmium	ND		0.50		mg/Kg		06/25/12 09:46	06/27/12 18:48	5

Client: ARCADIS U.S., Inc.
Project/Site: Chevron - 9-9708

TestAmerica Job ID: 440-15194-1

Client Sample ID: B-4-S-12'
Date Collected: 06/15/12 15:20
Date Received: 06/20/12 09:40

Lab Sample ID: 440-15194-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			06/27/12 17:30	1
1,1,1-Trichloroethane	ND		2.0		ug/Kg			06/27/12 17:30	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			06/27/12 17:30	1
1,1,2-Trichloroethane	ND		2.0		ug/Kg			06/27/12 17:30	1
1,1-Dichloroethane	ND		2.0		ug/Kg			06/27/12 17:30	1
1,1-Dichloroethene	ND		5.0		ug/Kg			06/27/12 17:30	1
1,1-Dichloropropene	ND		2.0		ug/Kg			06/27/12 17:30	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			06/27/12 17:30	1
1,2,3-Trichloropropane	ND		10		ug/Kg			06/27/12 17:30	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			06/27/12 17:30	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			06/27/12 17:30	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg			06/27/12 17:30	1
1,2-Dichlorobenzene	ND		2.0		ug/Kg			06/27/12 17:30	1
1,2-Dichloroethane	ND		2.0		ug/Kg			06/27/12 17:30	1
1,2-Dichloropropane	ND		2.0		ug/Kg			06/27/12 17:30	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			06/27/12 17:30	1
1,3-Dichlorobenzene	ND		2.0		ug/Kg			06/27/12 17:30	1
1,3-Dichloropropane	ND		2.0		ug/Kg			06/27/12 17:30	1
1,4-Dichlorobenzene	ND		2.0		ug/Kg			06/27/12 17:30	1
2,2-Dichloropropane	ND		2.0		ug/Kg			06/27/12 17:30	1
2-Chlorotoluene	ND		5.0		ug/Kg			06/27/12 17:30	1
4-Chlorotoluene	ND		5.0		ug/Kg			06/27/12 17:30	1
Benzene	ND		2.0		ug/Kg			06/27/12 17:30	1
Bromobenzene	ND		5.0		ug/Kg			06/27/12 17:30	1
Bromoform	ND		5.0		ug/Kg			06/27/12 17:30	1
Bromomethane	ND		5.0		ug/Kg			06/27/12 17:30	1
Carbon tetrachloride	ND		5.0		ug/Kg			06/27/12 17:30	1
Chlorobenzene	ND		2.0		ug/Kg			06/27/12 17:30	1
Chloroethane	ND		5.0		ug/Kg			06/27/12 17:30	1
Chloroform	ND		2.0		ug/Kg			06/27/12 17:30	1
Chloromethane	ND		5.0		ug/Kg			06/27/12 17:30	1
cis-1,2-Dichloroethene	ND		2.0		ug/Kg			06/27/12 17:30	1
cis-1,3-Dichloropropene	ND		2.0		ug/Kg			06/27/12 17:30	1
Dibromomethane	ND		2.0		ug/Kg			06/27/12 17:30	1
Dichlorodifluoromethane	ND		5.0		ug/Kg			06/27/12 17:30	1
Ethylbenzene	ND		2.0		ug/Kg			06/27/12 17:30	1
Hexachlorobutadiene	ND		5.0		ug/Kg			06/27/12 17:30	1
Isopropylbenzene	ND		2.0		ug/Kg			06/27/12 17:30	1
m,p-Xylene	ND		2.0		ug/Kg			06/27/12 17:30	1
Methylene Chloride	ND		20		ug/Kg			06/27/12 17:30	1
Naphthalene	ND		5.0		ug/Kg			06/27/12 17:30	1
n-Butylbenzene	ND		5.0		ug/Kg			06/27/12 17:30	1
N-Propylbenzene	ND		2.0		ug/Kg			06/27/12 17:30	1
o-Xylene	ND		2.0		ug/Kg			06/27/12 17:30	1
sec-Butylbenzene	ND		5.0		ug/Kg			06/27/12 17:30	1
Styrene	ND		2.0		ug/Kg			06/27/12 17:30	1
tert-Butylbenzene	ND		5.0		ug/Kg			06/27/12 17:30	1
Tetrachloroethene	ND		2.0		ug/Kg			06/27/12 17:30	1
Toluene	ND		2.0		ug/Kg			06/27/12 17:30	1
trans-1,2-Dichloroethene	ND		2.0		ug/Kg			06/27/12 17:30	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			06/27/12 17:30	1

Client Sample ID: B-4-S-12'
Date Collected: 06/15/12 15:20
Date Received: 06/20/12 09:40

Lab Sample ID: 440-15194-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.0		ug/Kg			06/27/12 17:30	1
Trichlorofluoromethane	ND		5.0		ug/Kg			06/27/12 17:30	1
Vinyl chloride	ND		5.0		ug/Kg			06/27/12 17:30	1
1,2-Dibromoethane (EDB)	ND		2.0		ug/Kg			06/27/12 17:30	1
Bromochloromethane	ND		5.0		ug/Kg			06/27/12 17:30	1
Bromodichloromethane	ND		2.0		ug/Kg			06/27/12 17:30	1
Dibromochloromethane	ND		2.0		ug/Kg			06/27/12 17:30	1
p-Isopropyltoluene	ND		2.0		ug/Kg			06/27/12 17:30	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/Kg			06/27/12 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*06/27/12 17:30*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*06/27/12 17:30*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 125*		*06/27/12 17:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	**33**		15		mg/Kg		06/21/12 09:38	06/22/12 00:34	1
DRO (C13-C28)	**80**		15		mg/Kg		06/21/12 09:38	06/22/12 00:34	1
C13-C40	**120**		15		mg/Kg		06/21/12 09:38	06/22/12 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*73*		*40 - 140*	*06/21/12 09:38*	*06/22/12 00:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO (C29-C40)	ND		10		mg/Kg		06/25/12 12:03	06/25/12 19:51	1
DRO (C13-C28)	ND		10		mg/Kg		06/25/12 12:03	06/25/12 19:51	1
C13-C40	**14**		10		mg/Kg		06/25/12 12:03	06/25/12 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*75*		*40 - 140*	*06/25/12 12:03*	*06/25/12 19:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		50		ug/Kg		06/24/12 14:12	06/26/12 08:38	1
Aroclor 1221	ND		50		ug/Kg		06/24/12 14:12	06/26/12 08:38	1
Aroclor 1232	ND		50		ug/Kg		06/24/12 14:12	06/26/12 08:38	1
Aroclor 1242	ND		50		ug/Kg		06/24/12 14:12	06/26/12 08:38	1
Aroclor 1248	ND		50		ug/Kg		06/24/12 14:12	06/26/12 08:38	1
Aroclor 1254	ND		50		ug/Kg		06/24/12 14:12	06/26/12 08:38	1
Aroclor 1260	ND		50		ug/Kg		06/24/12 14:12	06/26/12 08:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*45 - 120*	*06/24/12 14:12*	*06/26/12 08:38*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.7**		4.0		mg/Kg		06/25/12 09:46	06/29/12 14:42	10
Zinc	**330**		10		mg/Kg		06/25/12 09:46	06/29/12 14:42	10
Nickel	**120**		4.0		mg/Kg		06/25/12 09:46	06/29/12 14:42	10
Chromium	**77**		2.0		mg/Kg		06/25/12 09:46	06/29/12 14:42	10
Cadmium	**1.5**		1.0		mg/Kg		06/25/12 09:46	06/29/12 14:42	10