



Nicole Arceneaux
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6912
Nicole.arceneaux@chevron.com

September 28, 2015

Alameda County Health Care Services Agency
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED

By Alameda County Environmental Health 9:08 am, Oct 01, 2015

Re: Unocal No. 6129 (351639)
3420 35th Avenue, Oakland, California
ACEH Fuel Leak Case No. RO0000058
GeoTracker Global ID T0600101465

I have reviewed the attached report dated September 28, 2015.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local agency/Regional Board guidelines have been followed. This report was prepared by AECOM, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13257(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

Nicole M. Arceneaux
Project Manager

Attachment: Groundwater Plume Evaluation by AECOM



AECOM
2020 L Street, Suite 400
Sacramento, CA 95811

916 414 5800 tel
916 414 5850 fax
www.aecom.com

September 28, 2015

Mr. Keith Nowell
Alameda County Health Care Services Agency
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Subject: Groundwater Plume Evaluation
Unocal No. 6129 (351639)
3420 35th Avenue, Oakland, California
ACEH Fuel Leak Case No. RO 058
GeoTracker Global Identification No. T0600101465**

Dear Mr. Nowell,

On behalf of Chevron Environmental Management Company's (EMC's) affiliate, Union Oil Company of California ("Union Oil"), AECOM has prepared the attached Groundwater Plume Evaluation for Unocal No. 6129 (351639), located at 3420 35th Avenue in Oakland, California in response to the June 25, 2015, letter from Alameda County Health Care Services Agency Environmental Health Services, Environmental Protection.

Remarks/Signatures

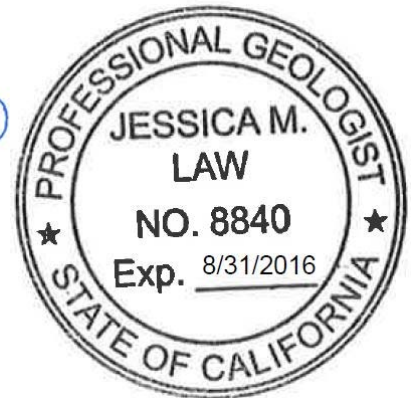
The interpretations in the attached documents represent AECOM's professional opinions which are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

If you have any questions regarding this project, please contact Chad Roper at (805) 764-4027.

Sincerely,

Chad Roper
Project Manager

Jessica Law
Project Geologist
Stamped: 9/29/15



cc: Ms. Nicole Arceneaux, EMC (via electronic copy)

Attachment: Groundwater Plume Evaluation

Groundwater Plume Evaluation
Unocal No. 6129 (351639)
3420 35th Avenue, Oakland, California

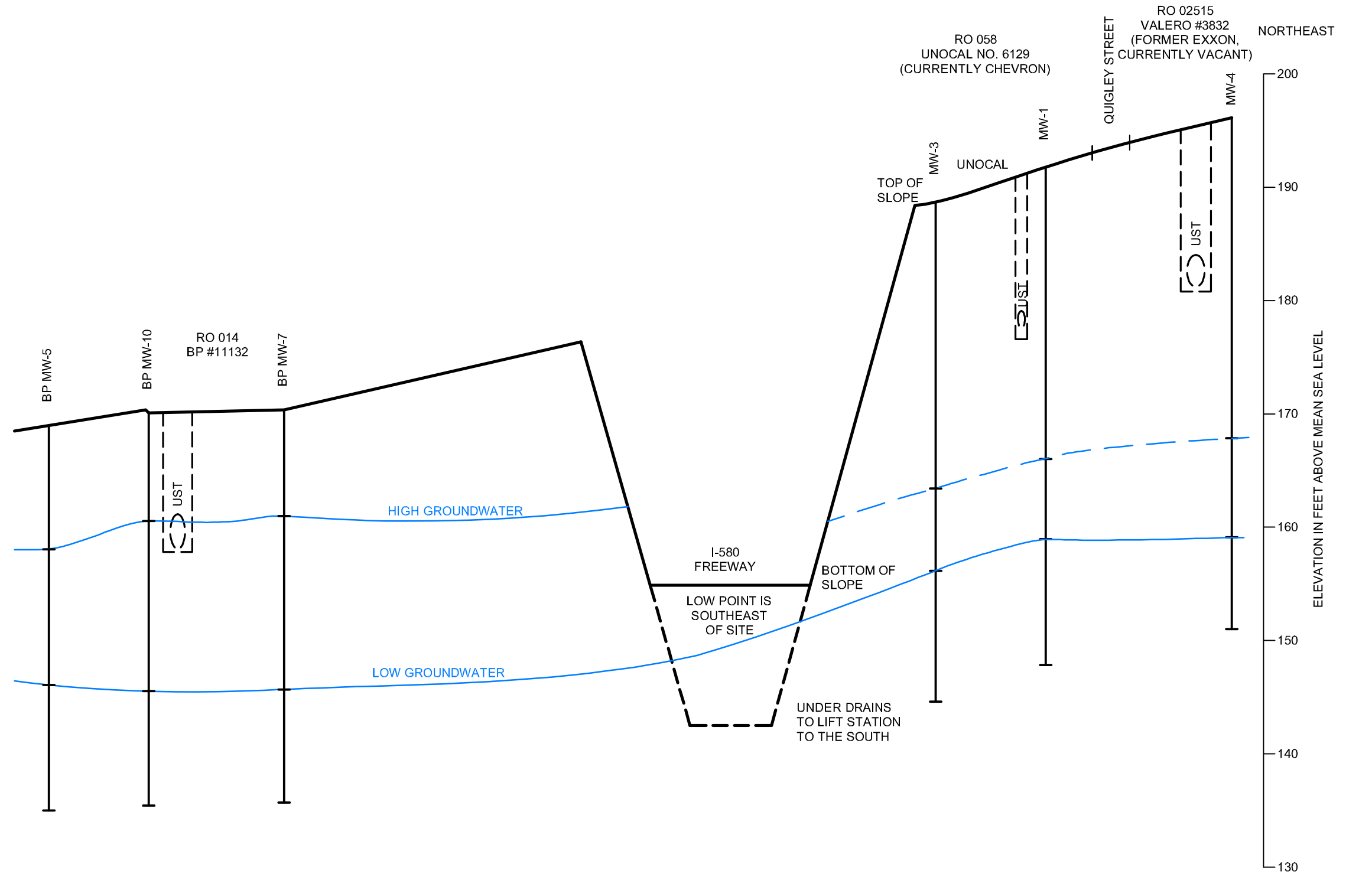
SCM Element	SCM Sub-Element	Description	Reference	Data Tables/Graphics	Data Gaps	Work to Address Data Gap
Geology and Hydrogeology	Regional	<p>AECOM obtained Caltrans as-built stormwater drainage system plans for Interstate 580 (I-580) at 35th Avenue Over-Crossing (OC) to assess the stormwater collection and discharge pathways and potential effects of groundwater flow due to the existing stormwater drainage system and depressed I-580. Stormwater runoff on I-580 at the 35th Avenue OC is collected at a series of inlets located in the center median and shoulders of I-580 and approximately 75 feet northwest and upgradient of the OC. The drainage system directs flow to the southeast and downgradient below the center median of I-580 for approximately 800 feet toward the 38th Avenue OC. Stormwater flow is then directed to the southwestern shoulder of I-580, located adjacent to Viola Street (western side of I-580). A stormwater lift station is located between Viola Street and I-580 and pumps stormwater up from I-580 into the city stormwater drainage system and to the southwest along Viola Street (AECOM 2015).</p> <p>The surface level of I-580 is lower than the seasonal high groundwater table. Based on historical groundwater elevation data of the subject site and nearby Leaking Underground Storage Tank sites, it does not appear that I-580 acts as a significant barrier to groundwater flow. Groundwater is able to flow under I-580's drainage system.</p>	AECOM. 2015. Focused Site Conceptual Model (SCM), April 9.	Figure 1: Elevation Profile	<p>June 25, 2015, ACEH Directive Letter <u>Technical Comment 2: Sunken Freeway</u> - Groundwater elevations at the site varies from approximately 157.3 feet above mean seal level (feet-msl) to about 166.3 feet-msl. The SCM included drawings depicting the network of inverts and subdrains for water collection and discharge for I-580 in the vicinity of the site. The study was performed to evaluate the effect of groundwater flow beneath sunken I-580, as the top of grade for I-580 may be a few feet above the depth to groundwater. Please review the I-580 drawings provided in the SCM and relate them to the groundwater elevations at the site and the downgradient site identified in Technical Comment 3.</p>	Draft elevation profile figure.
Nearby Wells		<p>An irrigation well was previously identified located on Arkansas Street approximately 600 feet to the west of the subject site (Figure 2). To confirm the status of this well, AECOM sent two well questionnaires with delivery confirmation to the property owner on May 15, 2014, and June 5, 2014. ACEH sent a well questionnaire to the property on August 6, 2014 (Appendix A). AECOM sent a third request on July 29, 2015. On August 12, 2015, the resident Yea Lee responded that they did not know of any irrigation well on the property.</p> <p>The well is located cross-gradient of the site and is unlikely to be impacted by the site.</p>		<p>Figure 2: Site Vicinity with Plume Extents</p> <p>Appendix A: Well Questionnaires and Responses.</p>	<p>June 25, 2015 ACEH Directive Letter <u>Technical Comment 1: Supply Well</u> - A property on Arkansas Street is listed by the Alameda County Public Works Agency (ACPWA) as having an irrigation well. Attempts have been made to contact the property owners and resident of Arkansas Street property. ACEH has been unable to confirm the well existence or status, as the property owners and resident have been unresponsive. ACEH requests a third attempt be made to contact the property owners and resident. The contact should be made via a certified mailing.</p>	A third request was sent on July 29, 2015, and was responded to on August 12, 2015.

Groundwater Plume Evaluation
Unocal No. 6129 (351639)
3420 35th Avenue, Oakland, California

SCM Element	SCM Sub-Element	Description	Reference	Data Tables/Graphics	Data Gaps	Work to Address Data Gap
Distribution of Petroleum Hydrocarbons	Groundwater	<p>The subject Unocal #6129 site (RO 058, 3420 35th Avenue) has two upgradient groundwater monitoring wells (MW-1 and MW-2), which are both experiencing increasing concentrations of petroleum hydrocarbons. Well MW-1 has been experiencing statistically significant increasing concentrations trends for total petroleum hydrocarbons as gasoline (TPHg) and methyl tertiary butyl ether (MTBE) starting in 2010. Mann-Kendall trend analyses are provided in Appendix B. The recent increasing trend for MW-1 appears to point to an upgradient source for MTBE and TPHg. Well MW-2 also has been experiencing stable to increasing concentration trends which are not yet statistically significant for TPHg and MTBE. The downgradient monitoring well, MW-3, is experiencing a stable to decreasing contaminant concentration trend.</p> <p>Site groundwater data suggest that the subject site groundwater was relatively clean following the underground storage tank (UST) excavation (Appendix B). Between 1991 and 2010, MW-1 was non-detect or below screening levels for all constituents; however, MTBE was not analyzed, and after 1991 MW-2 and MW-3 were not monitored until 2003. By 2003, upgradient impacted groundwater appeared to have migrated onto the site, although impacts at MW-2 and MW-3 were more pronounced than at MW-1.</p> <p>Case RO 02515, Valero #3832 (currently vacant) is located upgradient from the site across Quigley Street at 3450 35th Avenue. Historical groundwater data from the previous case appear to show that groundwater at this site was not impacted from 1992 to 1999 (Appendix C). However, data from wells installed in 2009 show MTBE and TPHg impacts at MW-5 and MW-6. As can be seen in Figure 3, MTBE was much higher at the upgradient Valero (former Exxon) site than at the subject site or further downgradient. Concentrations at Valero #3832 have dropped in the past year, potentially due to migration.</p> <p>West of I-580 and downgradient from the subject site, active LUST case RO 014 (BP #11132, 3201 35th Avenue) is located approximately 640 feet to the southwest of the Valero site. BP #11132 has reported variable historical groundwater flow directions to the southwest, south, and southeast. BP #11132 has two upgradient wells, MW-4 and MW-7, that have exhibited TPHg and MTBE detections when they were historically non-detect (Appendix C). For MW-4, concentrations started to appear in 1996, peaked in 1998, and have been decreasing since. These detections are earlier than those in the upgradient cases and therefore indicate an on-site source. MW-7 did not have detectable MTBE concentrations in the period from 1993 to 1998 and was not monitored from 1999 to 2005. In 2005 MTBE was detected at 270 micrograms per liter (µg/L), peaked in 2011 (990 µg/l), and has been decreasing since. BP #11132 wells MW-5 and MW-8 provide downgradient MTBE delineation for any upgradient sources.</p> <p>Overall, since 2009, there are higher concentrations of MTBE upgradient (Valero #3832, 3450 35th Avenue) from the subject site than at the site (Unocal #6129, 3420 35th Avenue). There are detectable MTBE concentrations at numerous wells that appear to represent multiple sources on both sides of I-580. Wells at the subject site appear to be influenced by an upgradient source and their concentrations are similar to those at downgradient sites.</p>	2009, Delta Consultants, Sensitive Receptor Survey, March 15.	<p>Appendix B. Groundwater Data</p> <p>Figure 2: Site Vicinity with Plume Extents</p> <p>Figure 3: MTBE Concentration Trends in Area Wells</p> <p>Appendix C: Off-site Groundwater Data Tables.</p>	<p>June 25, 2015, ACEH Directive Letter <u>Technical Comment 3: Off-site Down Gradient Well Network- In</u> conjunction with this review, ACEH performed a review of BP #11132, ACEH case number RO 014, located at 3201 35th Avenue, located downgradient of the subject site. Groundwater monitoring well MW-4 is an upgradient well at the BP site, and well MW-7 is a cross-gradient well. Both wells have reported detectable concentrations of MTBE, most recently (March 27, 2015) reported at 22 µg/L and 240 µg/L for MW-4 and MW-7, respectively. The downgradient well at the BP site, MW-8, has been non-detect for MTBE since August 2009. These data suggest an off-site upgradient source of MTBE, such as the subject site.</p>	Prepare estimate of potential plume extents (Figure 2) and show MTBE trends for area wells (Figure 3).

FILENAME: j:\Client--Projects\76_Products\351639_6129_Oakland_3420_35th_Ave\7.0_Deliverables\7.2_CADD\Plume_Evaluation-2015\Elev_Profile2.dwg

SOUTHWEST



DESIGNED BY:	NO.:	DESCRIPTION:	REVISIONS
X			
DRAWN BY:			
M. Scop			
CHECKED BY:			
C. Roper			
APPROVED BY:			
C. Roper			
DATE:			
BY:			

AECOM

AECOM
 1220 AVENIDA ACASO
 CAMARILLO, CALIFORNIA 93012
 PHONE: (805) 388-3775
 FAX: (805) 388-3577

ELEVATION PROFILE

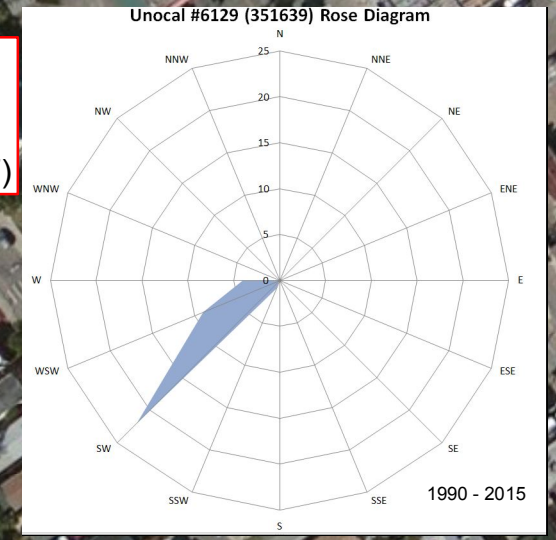
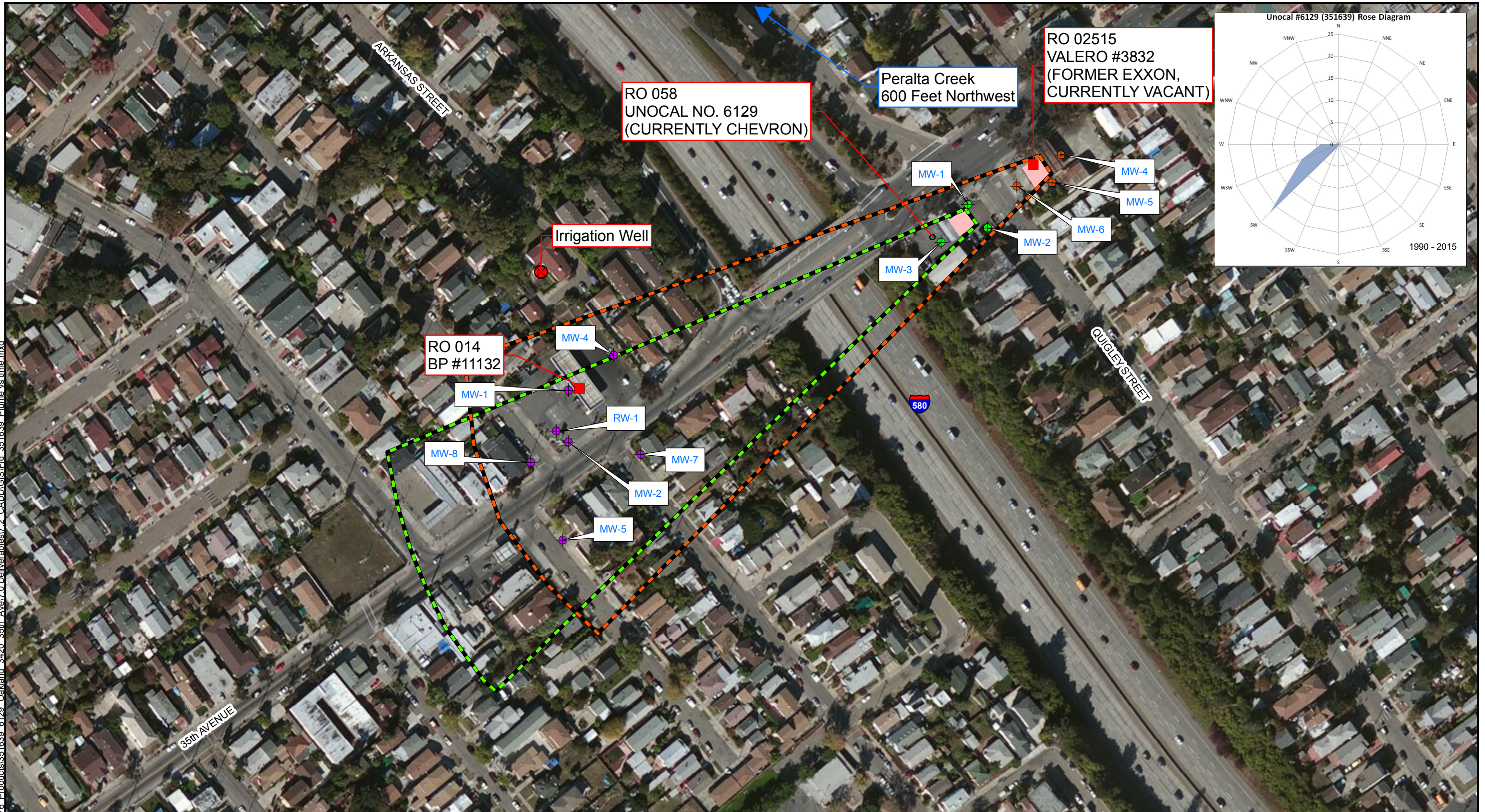
Unocal No. 6129 (351639)
 3420 35th Avenue
 Oakland, California

SCALE: AS NOTED DATE: 9/11/2015 PROJECT NUMBER: 60338773 - 02.01

FIGURE NUMBER:
1

SHEET NUMBER:
 X

Path: J:\Client\Projects\76_Products\351639_6129_Oakland_3420_35th_Ave\7.0_Deliverables\7.2_CADD\GIS\Fig_351639_Plume_vs_time.mxd



Legend

- BP #11132 Well
- Valero #3832 Well
- Unocal #6129 Well
- Irrigation Well
- RO2515 Maximum Potential Plume
- RO058 Maximum Potential Plume
- SOURCE AREAS



AECOM
2020 L Street, Suite 400
Sacramento, CA 95811
916.414.5800

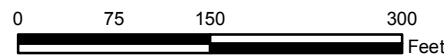
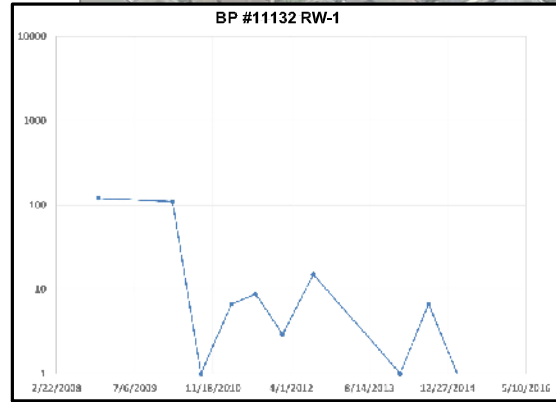
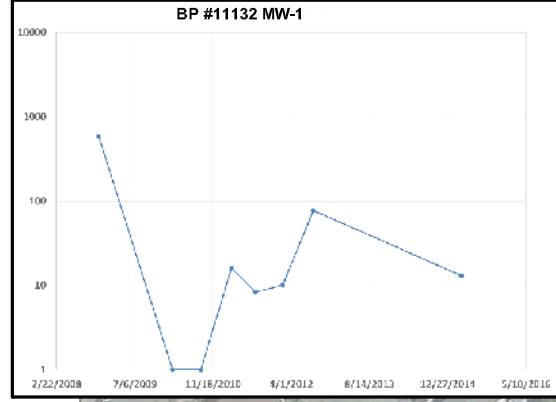
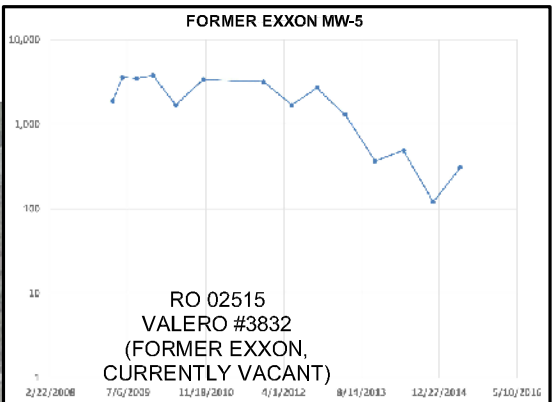
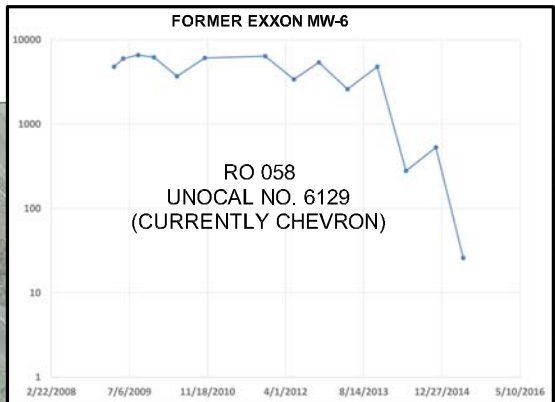
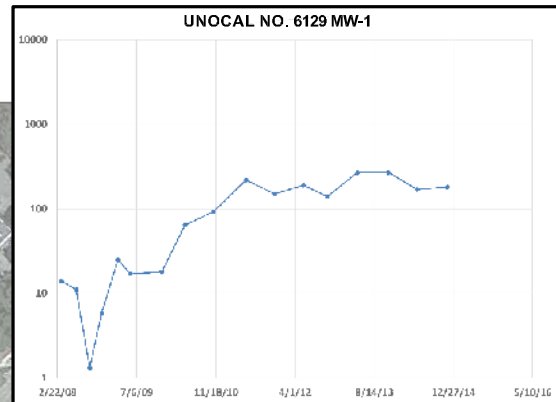
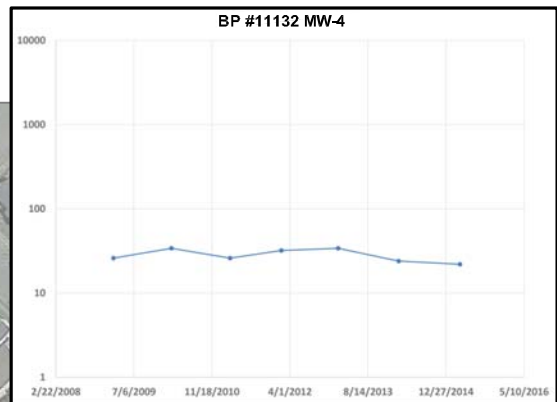
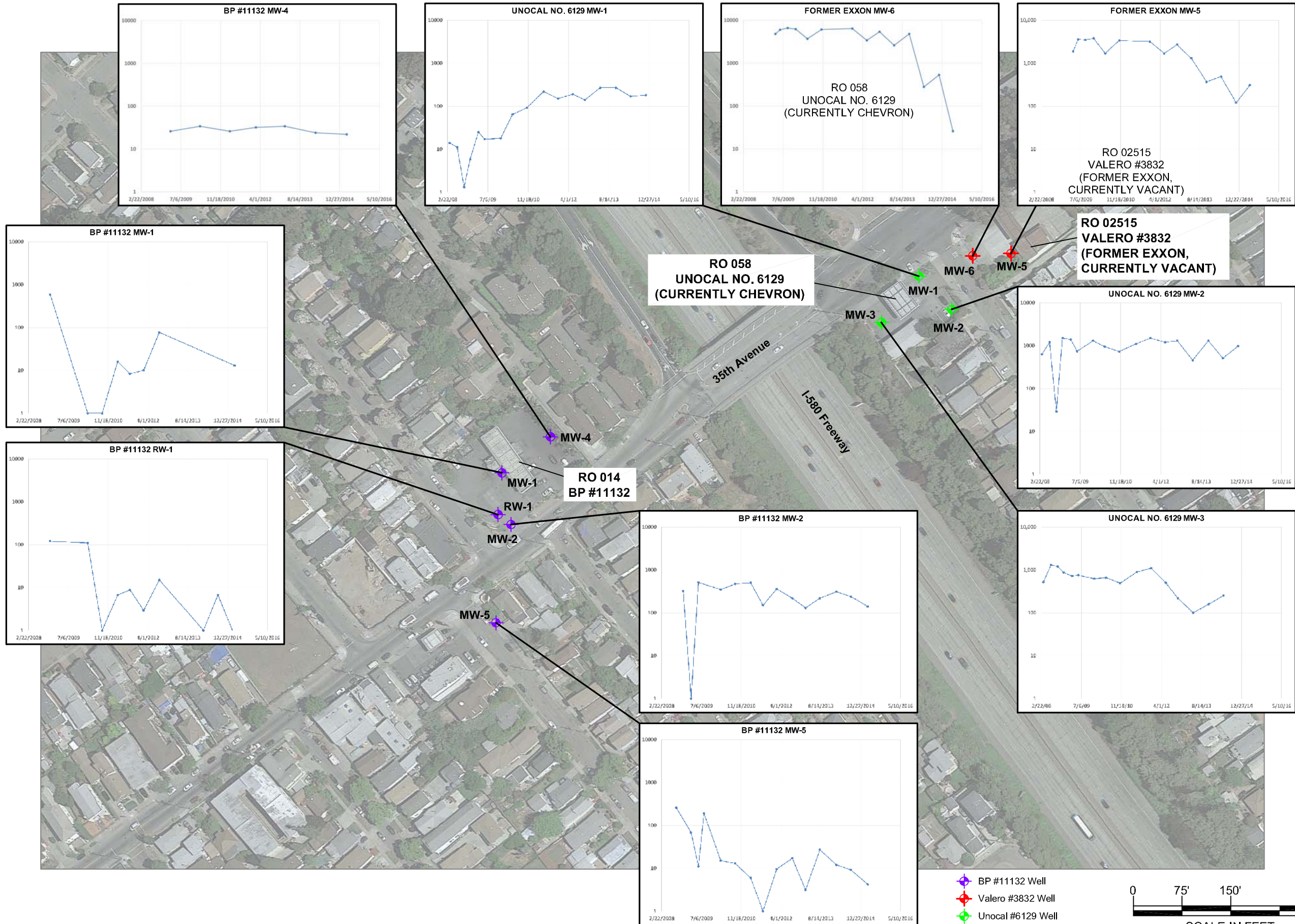


Figure 2: Site Vicinity with Plume Extents

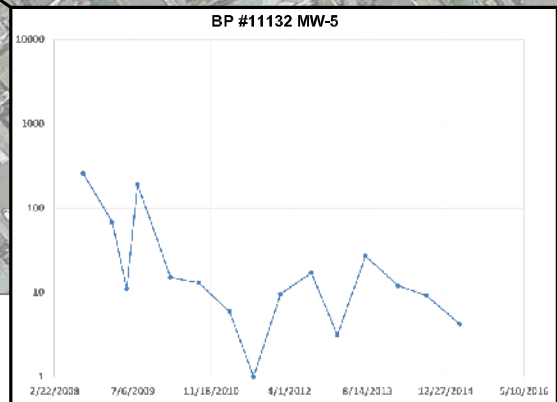
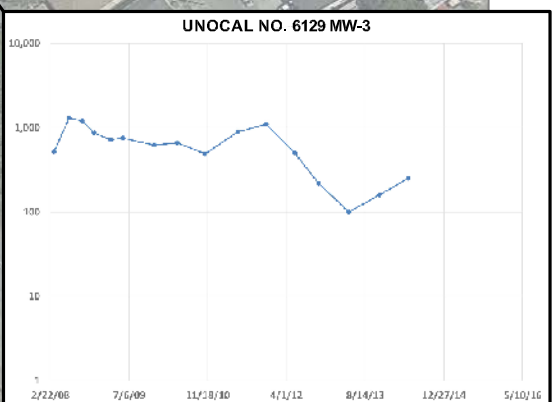
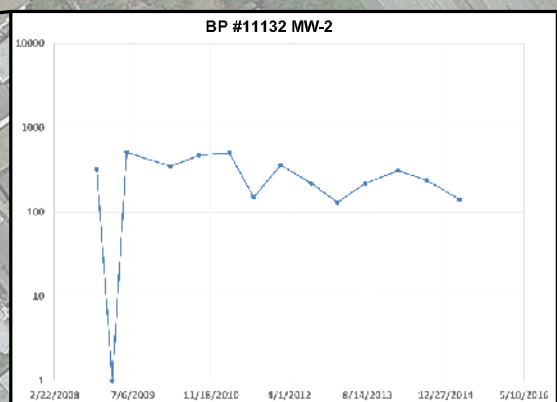
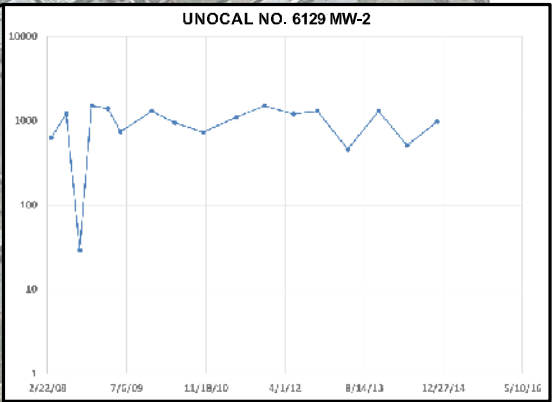
UNOCAL NO. 6129 (351639)
3420 35th AVENUE
OAKLAND, CALIFORNIA



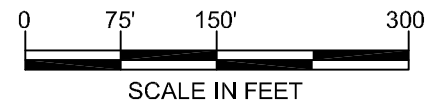
**RO 058
UNOCAL NO. 6129
(CURRENTLY CHEVRON)**

**RO 02515
VALERO #3832
(FORMER EXXON,
CURRENTLY VACANT)**

**RO 014
BP #11132**



- ◆ BP #11132 Well
- ◆ Valero #3832 Well
- ◆ Unocal #6129 Well



DESIGNED BY:	NO.:	DESCRIPTION:	DATE:	BY:
X				
DRAWN BY:				
M. Scop				
CHECKED BY:				
C. Roper				
APPROVED BY:				
C. Roper				

AECOM

AECOM
1220 AVENIDA ACASO
CAMARILLO, CALIFORNIA 93012
PHONE: (805) 388-3775
FAX: (805) 388-3577

MTBE CONCENTRATION TRENDS IN AREA WELLS

Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

SCALE: AS NOTED DATE: 9/29/2015 PROJECT NUMBER: 60338773 - 02.01

FIGURE NUMBER:
3

SHEET NUMBER:
X



AECOM 916 414 5800 tel
2020 L Street, Suite 400 916 414 5850 fax
Sacramento, CA 95811
www.aecom.com

July 29, 2015

Yea K. Lee
Feng X. Chen
George Lu
3397 Arkansas Street
Oakland, CA 94602

THRID REQUEST
FEDERAL EXPRESS

Re: Domestic Well Questionnaire
Unocal Station No. 6129 (351639)
3420 35th Avenue
Oakland, CA
ACEH Fuel Leak Case No. RO0000058

Dear Property Owners:

The Alameda County Environmental Health Department(ACEH) has requested information pertaining to a groundwater well that was identified at 3397 Arkansas Street, Oakland, California (APN# 28-952-13-3). AECOM is seeking to provide the requested information to ACEH on behalf of Chevron Environmental Management Company. We are requesting that you complete this questionnaire and return it to us in the enclosed, self-addressed, stamped envelope provided. Please return the questionnaire by **August 30, 2015**. The ACEH will use this information to assess a path forward for the site referenced above.

Please complete the following by circling 'yes' / 'no' / or 'don't know'.

- | | | | |
|--|------------|----|-------------------|
| 1. Is there a water well on the property listed above? | YES | NO | <u>DON'T KNOW</u> |
| Is the well operational? | YES | NO | <u>DON'T KNOW</u> |
| 2. Is there a sump and/or pump on this property? | YES | NO | <u>DON'T KNOW</u> |
| 3. Is this property occupied? | <u>YES</u> | NO | DON'T KNOW |

Name of tenant: Yea K. Lee

Your signature: [Handwritten Signature]

Date: 8/12/15

Please complete the following to the best of your ability if you answered 'yes' to #1 or #2, above:

Number of wells on the property: 0

Date well(s) were installed: _____

Diameter of each well (in feet): _____

Depth to the top of the filter pack in each well (in feet): _____

Use of each well: _____

Frequency of use: _____

Your telephone number: _____

Thank you very much for your assistance. Please contact Jim Harms, AECOM, Project Manager, at (916) 414-5863.

Sincerely,



James Harms
Project Manager

cc: Nicole Arceneaux, Chevron EMC

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

7010 3060 0001 9298 9782

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com®
OFFICIAL USE

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$16.48	

Sent To: Yea Klee
 Street, Apt. No., or PO Box No.: 3397 Arkansas St.
 City, State, ZIP+4: Oakland CA 94602

PS Form 3800, August 2006 See Reverse for Instructions
 Oakland, CA 94602

First Request

AECOM 916 414 5800 tel
 2020 L Street, Suite 400 916 414 5850 fax
 Sacramento, CA 95811
 www.aecom.com

SENT VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: Domestic Well Questionnaire
 Unocal Station No. 6129 (351639)
 3420 35th Avenue
 Oakland, CA
 ACEH Fuel Leak Case No. RO0000058

Dear Property Owners:

The Alameda County Environmental Health Department(ACWD) has requested information pertaining to a groundwater well that was identified at 3397 Arkansas Street, Oakland, California (APN# 28-952-13-3). AECOM is seeking to provide the requested information to ACWD on behalf of Chevron Environmental Management Company. We are requesting that you complete this questionnaire and return it to us in the enclosed, self-addressed, stamped envelope provided. Please return the questionnaire by **May 30, 2014**. The ACWD will use this information to assess a path forward for the site referenced above.

Please complete the following by circling 'yes' / 'no' / or 'don't know'.

- | | | | |
|--|-----|----|------------|
| 1. Is there a water well on the property listed above? | YES | NO | DON'T KNOW |
| Is the well operational? | YES | NO | DON'T KNOW |
| 2. Is there a sump and/or pump on this property? | YES | NO | DON'T KNOW |
| 3. Is this property occupied? | YES | NO | DON'T KNOW |

Name of tenant:

Your signature:

Date:

Please complete the following to the best of your ability *if* you answered 'yes' to #1 or #2, above:

Number of wells on the property: _____

Date well(s) were installed: _____

6/10 - call from Fed Ex
P.O. to pick up pkg

Due back
6/13



AECOM
2020 L Street, Suite 400
Sacramento, CA 95811
www.aecom.com
916 414 5800 tel
916 414 5850 fax

received by Y. Lee on 6/10
Fed Ex 7:16pm

June 5, 2014

Yea K. Lee
Feng X. Chen
George Lu
3397 Arkansas Street
Oakland, CA 94602

**SECOND REQUEST
FEDERAL EXPRESS**

770206738377

Re: Domestic Well Questionnaire
Unocal Station No. 6129 (351639)
3420 35th Avenue
Oakland, CA
ACEH Fuel Leak Case No. RO0000058

Dear Property Owners:

The Alameda County Environmental Health Department(ACEH) has requested information pertaining to a groundwater well that was identified at 3397 Arkansas Street, Oakland, California (APN# 28-952-13-3). AECOM is seeking to provide the requested information to ACEH on behalf of Chevron Environmental Management Company. We are requesting that you complete this questionnaire and return it to us in the enclosed, self-addressed, stamped envelope provided. Please return the questionnaire by **June 13, 2014**. The ACEH will use this information to assess a path forward for the site referenced above.

Please complete the following by circling 'yes' / 'no' / or 'don't know'.

- | | | | | |
|----|---|-----|----|------------|
| 1. | Is there a water well on the property listed above? | YES | NO | DON'T KNOW |
| | Is the well operational? | YES | NO | DON'T KNOW |
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Name of tenant:

Your signature:

Date:

Please complete the following to the best of your ability if you answered 'yes' to #1 or #2, above:

Number of wells on the property: _____

Date well(s) were installed: _____

AECOM

AECOM
2020 L Street, Suite 400
Sacramento, CA 95811

CERTIFIED MAIL™



7010 1060 0001 9298 9782



02 1P
0003139632
MAILED FROM



L/N
~~4/11/14~~



5.29

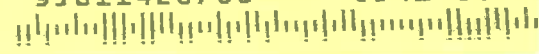
Yea K. Lee
Feng X. Chen
George Lu
3397 Arkansas Street
Oakland

NIXIE 957 P2 1009 0006

RETURN TO SENDER
NOT DELIVERABLE AS ADDRESSEE
UNABLE TO FORWARD

BC: 95811426700 *0341-0016

95811426700





AECOM
 2020 L Street, Suite 400
 Sacramento, CA 95811
 www.aecom.com

916 414 5800 tel
 916 414 5850 fax

July 29, 2015

Yea K. Lee
 Feng X. Chen
 George Lu
 3397 Arkansas Street
 Oakland, CA 94602

THRID REQUEST
FEDERAL EXPRESS

Re: Domestic Well Questionnaire
 Unocal Station No. 6129 (351639)
 3420 35th Avenue
 Oakland, CA
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Please complete the following by circling 'yes' / 'no' / or 'don't know'.

- | | | | | |
|----|---|-----|----|------------|
| 1. | Is there a water well on the property listed above? | YES | NO | DON'T KNOW |
| | Is the well operational? | YES | NO | DON'T KNOW |
| 2. | Is there a sump and/or pump on this property? | YES | NO | DON'T KNOW |
| 3. | Is this property occupied? | YES | NO | DON'T KNOW |

Name of tenant:

Your signature:

Date:

Please complete the following to the best of your ability *if* you answered 'yes' to #1 or #2, above:

Number of wells on the property: _____

Date well(s) were installed: _____

Diameter of each well (in feet): _____

Depth to the top of the filter pack in each well (in feet): _____

Use of each well: _____

Frequency of use: _____

Your telephone number: _____

Thank you very much for your assistance. Please contact Jim Harms, AECOM, Project Manager, at (916) 414-5863.

Sincerely,



James Harms
Project Manager

cc: Nicole Arceneaux, Chevron EMC

Harms, James

From: Kitsman, Debra
Sent: Tuesday, August 04, 2015 11:31 AM
To: Harms, James
Subject: 3397 Arkansas Street Delivery proof

Jim - Here's the other one with the signature:

★ 774165598026

Save tracking results

Print Help

Ship date :
Wed 7/29/2015

Actual delivery :
Thur 7/30/2015 10:47 am

AECOM
Suite 400
2020 L Street
SACRAMENTO, CA US 95811
916 414-5800

Yea Lee/Feng Chen/George Lu
3397 Arkansas Street
OAKLAND, CA US 94602
510 237-2861



Delivered

Signed for by: Y LEE



Customize Delivery

Request Notifications

Obtain Proof of Delivery

More actions ▾

Travel History

Help Hide

▲ Date/Time	Activity	Location
- 7/30/2015 - Thursday		
10:47 am	Delivered	OAKLAND, CA
8:30 am	On FedEx vehicle for delivery	OAKLAND, CA
7:10 am	At local FedEx facility	OAKLAND, CA
- 7/29/2015 - Wednesday		
10:26 pm	Arrived at FedEx location	OAKLAND, CA
8:08 pm	Left FedEx origin facility	SACRAMENTO, CA
4:43 pm	Picked up	SACRAMENTO, CA
3:28 pm	Shipment information sent to FedEx	

Select time zone ▾

Shipment Facts

Hide

Tracking number	774165598026	Service	FedEx Standard Overnight
Weight	0.5 lbs / 0.23 kgs	Signature services	Adult signature required
Delivery attempts	1	Delivered To	Residence
Total pieces	1	Total shipment weight	0.5 lbs / 0.23 kgs
Terms	Not Available	Shipper reference	60338773.999
Packaging	FedEx Envelope	Special handling section	Deliver Weekday, Residential Delivery, Adult Signature Required

Deb

Environment
Debra.Kitsman@aecom.com

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Site-- RO 058, Unocal #6129
Compound-- MTBE
Well-- MW-1, all results

Input data from four to ten sampling events in Row 10.

Date:	11/1/2010	5/27/2011	11/23/2011	5/24/2012	10/23/2012	5/2/2013	11/13/2013	5/2/2014	11/19/2014	6/17/2015	Events
Concentration (ug/L):	92	220	150	190	140	270	270	170	180	100	10
	--	--	--	--	--	--	--	--	--	--	Sum
Compared to Event 1	****	1	1	1	1	1	1	1	1	1	9
Compared to Event 2	****	****	-1	-1	-1	1	1	-1	-1	-1	-4
Compared to Event 3	****	****	****	1	-1	1	1	1	1	-1	3
Compared to Event 4	****	****	****	****	-1	1	1	-1	-1	-1	-2
Compared to Event 5	****	****	****	****	****	1	1	1	1	-1	-1
Compared to Event 6	****	****	****	****	****	****	0	-1	-1	-1	-3
Compared to Event 7	****	****	****	****	****	****	****	-1	-1	-1	0
Compared to Event 8	****	****	****	****	****	****	****	****	1	-1	
Compared to Event 9	****	****	****	****	****	****	****	****	****	-1	-1

Mann-Kendall Statistic 'S' = 5

Statistical Confidence Level

>90% Confidence

ISI ≥ 15

Result: No Trend

>95% Confidence

ISI ≥ 20

Result: No Trend

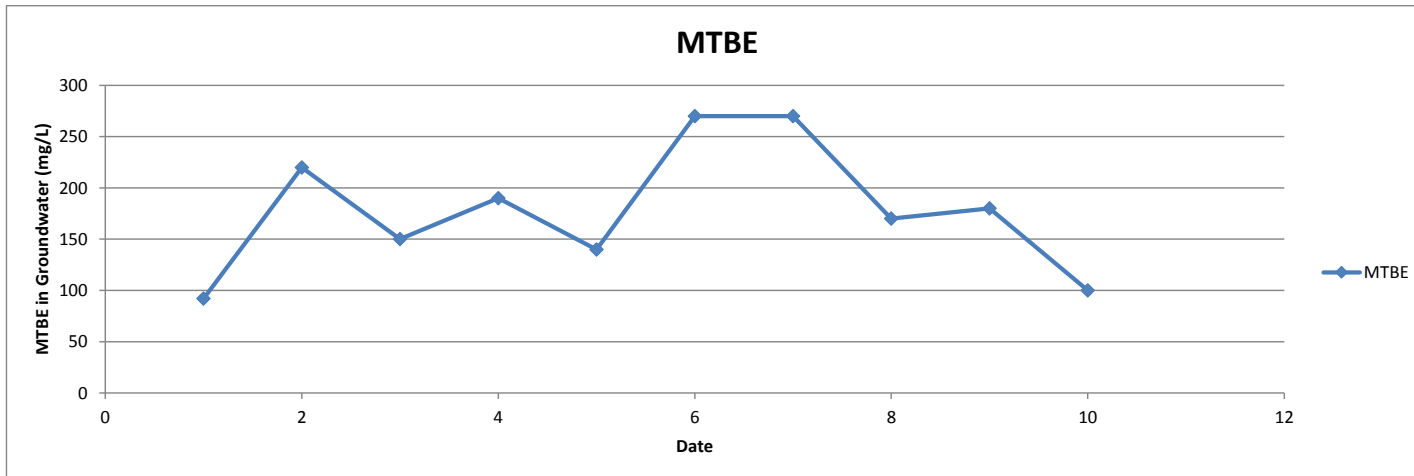
Standard Deviation (σ) = 62.013977

Mean (μ) = 175

CV or (σ)/(μ) = 0.3543656

<1 = Stable

For "No Trend" results, stability is verified by the coefficient of variation (CV)
 If the CV is less than 1, the concentrations are stable.



Site-- RO 058, Unocal #6129
Compound-- MTBE
Well-- MW-2, all results

Input data from four to ten sampling events in Row 10.

Date:	11/1/2010	5/27/2011	11/23/2011	5/24/2012	10/23/2012	5/2/2013	11/13/2013	5/2/2014	11/19/2014	6/17/2015	Events
Concentration (ug/L):	730	1,100	1,500	1,200	1,300	460	1,300	510	430	25	10
	--	--	--	--	--	--	--	--	--	--	Sum
Compared to Event 1	*****	1	1	1	1	-1	1	-1	-1	-1	1
Compared to Event 2	*****	*****	1	1	1	-1	1	-1	-1	-1	
Compared to Event 3	*****	*****	*****	-1	-1	-1	-1	-1	-1	-1	-7
Compared to Event 4	*****	*****	*****	*****	1	-1	1	-1	-1	-1	-2
Compared to Event 5	*****	*****	*****	*****	*****	-1	0	-1	-1	-1	-4
Compared to Event 6	*****	*****	*****	*****	*****	*****	1	1	-1	-1	
Compared to Event 7	*****	*****	*****	*****	*****	*****	*****	-1	-1	-1	0
Compared to Event 8	*****	*****	*****	*****	*****	*****	*****	*****	-1	-1	-2
Compared to Event 9	*****	*****	*****	*****	*****	*****	*****	*****	*****	-1	-1

Mann-Kendall Statistic 'S' = -15

Statistical Confidence Level

Standard Deviation (σ) = 488.91291

>90% Confidence

>95% Confidence

Mean (μ) = 915

CV or (σ)/(μ) = 0.534331

<1 = Stable

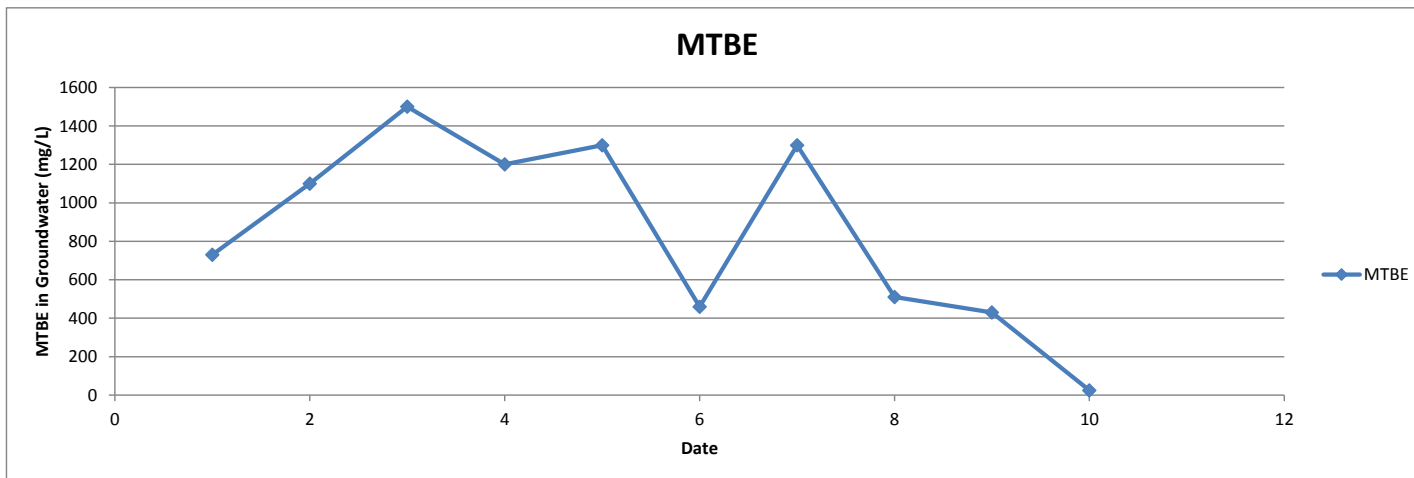
ISI \geq 15

ISI \geq 20

Result: Decreasing Trend

Result: No Trend

For "No Trend" results, stability is verified by the coefficient of variation (CV)
 If the CV is less than 1, the concentrations are stable.



Site-- RO 058, Unocal #6129
Compound-- MTBE
Well-- MW-3, all results

Input data from four to ten sampling events in Row 10.

Date:	11/1/2010	5/27/2011	11/23/2011	5/24/2012	10/23/2012	5/2/2013	11/13/2013	5/2/2014	11/19/2014	6/17/2015	Events
Concentration (ug/L):	490	890	730	1,100	500	220	100	160	250	570	10
	--	--	--	--	--	--	--	--	--	--	Sum
Compared to Event 1	****	1	1	1	1	-1	-1	-1	-1	1	1
Compared to Event 2	****	****	-1	1	-1	-1	-1	-1	-1	-1	-6
Compared to Event 3	****	****	****	1	-1	-1	-1	-1	-1	-1	-5
Compared to Event 4	****	****	****	****	-1	-1	-1	-1	-1	-1	-6
Compared to Event 5	****	****	****	****	****	-1	-1	-1	-1	1	-3
Compared to Event 6	****	****	****	****	****	****	-1	-1	1	1	
Compared to Event 7	****	****	****	****	****	****	****	1	1	1	0
Compared to Event 8	****	****	****	****	****	****	****	****	1	1	2
Compared to Event 9	****	****	****	****	****	****	****	****	****	1	1

Mann-Kendall Statistic 'S' = -16

Statistical Confidence Level

Standard Deviation (σ) = 331.07401

>90% Confidence

>95% Confidence

Mean (μ) = 495

CV or (σ)/(μ) = 0.6688364

<1 = Stable

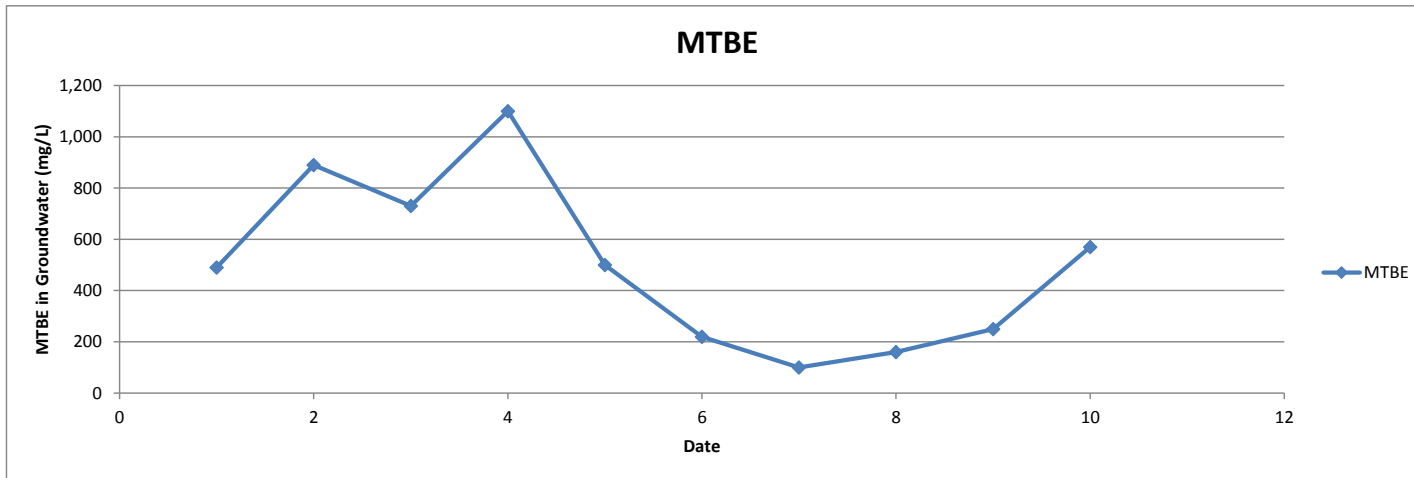
ISI \geq 15

ISI \geq 20

Result: Decreasing Trend

Result: No Trend

For "No Trend" results, stability is verified by the coefficient of variation (CV)
 If the CV is less than 1, the concentrations are stable.



Site-- RO 058, Unocal #6129
 Compound-- TPHg
 Well-- MW-1, all results

Input data from four to ten sampling events in Row 10.

Date:	5/7/2010	11/1/2010	5/27/2011	11/23/2011	5/24/2012	10/23/2012	5/2/2013	11/13/2013	5/2/2014	11/19/2014	Events
Concentration (ug/L):	65	45	100	110	140	130	150	240	98	130	10
	--	--	--	--	--	--	--	--	--	--	Sum
Compared to Event 1	****	-1	1	1	1	1	1	1	1	1	7
Compared to Event 2	****	****	1	1	1	1	1	1	1	1	8
Compared to Event 3	****	****	****	1	1	1	1	1	-1	1	5
Compared to Event 4	****	****	****	****	1	1	1	1	-1	1	4
Compared to Event 5	****	****	****	****	****	-1	1	1	-1	-1	-1
Compared to Event 6	****	****	****	****	****	****	1	1	-1	0	1
Compared to Event 7	****	****	****	****	****	****	****	1	-1	-1	0
Compared to Event 8	****	****	****	****	****	****	****	****	-1	-1	-2
Compared to Event 9	****	****	****	****	****	****	****	****	****	1	1

Mann-Kendall Statistic 'S' = 23

Statistical Confidence Level

>90% Confidence

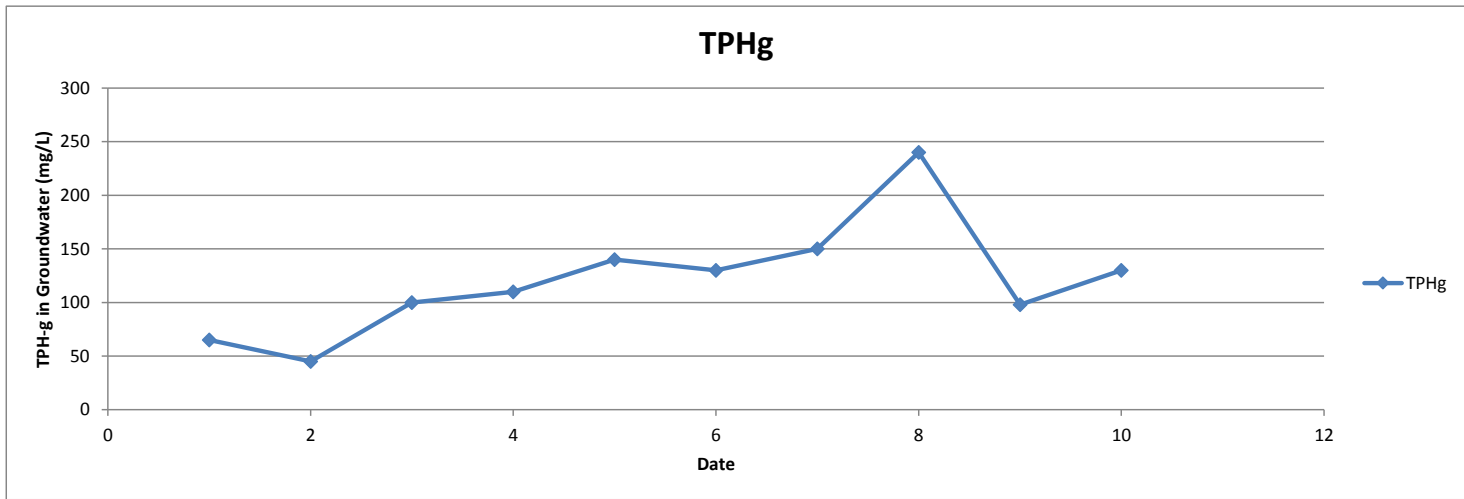
>95% Confidence

|S| ≥ 15

|S| ≥ 20

Result: Increasing Trend

Result: Increasing Trend



Site-- RO 058, Unocal #6129
Compound-- TPHg
Well-- MW-2, all results

Input data from four to ten sampling events in Row 10.

Date:	5/7/2010	11/1/2010	5/27/2011	11/23/2011	5/24/2012	10/23/2012	5/2/2013	11/13/2013	5/2/2014	11/19/2014	Events
Concentration (ug/L):	600	140	560	830	1000	750	290	1200	260	980	10
	--	--	--	--	--	--	--	--	--	--	Sum
Compared to Event 1	****	-1	-1	1	1	1	-1	1	-1	1	1
Compared to Event 2	****	****	1	1	1	1	1	1	1	1	8
Compared to Event 3	****	****	****	1	1	1	-1	1	-1	1	3
Compared to Event 4	****	****	****	****	1	-1	-1	1	-1	1	
Compared to Event 5	****	****	****	****	****	-1	-1	1	-1	-1	-3
Compared to Event 6	****	****	****	****	****	****	-1	1	-1	1	
Compared to Event 7	****	****	****	****	****	****	****	1	-1	1	0
Compared to Event 8	****	****	****	****	****	****	****	****	-1	-1	-2
Compared to Event 9	****	****	****	****	****	****	****	****	****	1	1

Mann-Kendall Statistic 'S' = 8

Statistical Confidence Level

>90% Confidence

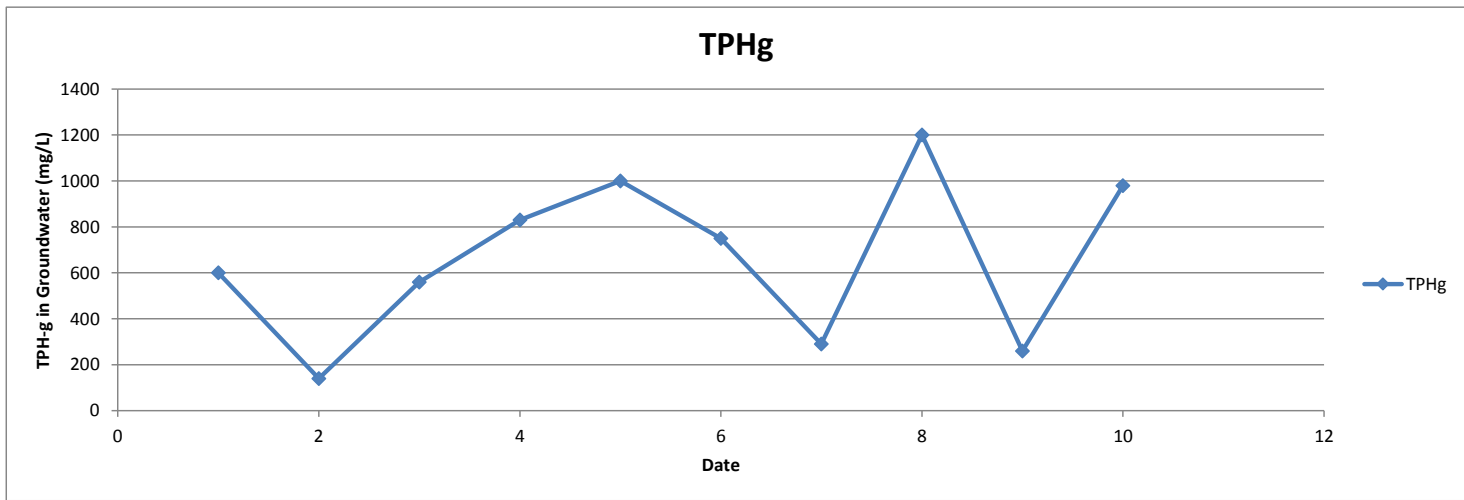
>95% Confidence

|S| ≥ 15

|S| ≥ 20

Result: No Trend

Result: No Trend



Site-- RO 058, Unocal #6129
 Compound-- TPHg
 Well-- MW-3, all results

Input data from four to ten sampling events in Row 10.

Date:	5/7/2010	11/1/2010	5/27/2011	11/23/2011	5/24/2012	10/23/2012	5/2/2013	11/13/2013	5/2/2014	11/19/2014	Events
Concentration (ug/L):	360	120	340	520	660	480	130	110	98	180	10
	--	--	--	--	--	--	--	--	--	--	Sum
Compared to Event 1	****	-1	-1	1	1	1	-1	-1	-1	-1	-3
Compared to Event 2	****	****	1	1	1	1	1	-1	-1	1	4
Compared to Event 3	****	****	****	1	1	1	-1	-1	-1	-1	-1
Compared to Event 4	****	****	****	****	1	-1	-1	-1	-1	-1	-4
Compared to Event 5	****	****	****	****	****	-1	-1	-1	-1	-1	-5
Compared to Event 6	****	****	****	****	****	****	-1	-1	-1	-1	-4
Compared to Event 7	****	****	****	****	****	****	****	-1	-1	1	0
Compared to Event 8	****	****	****	****	****	****	****	****	-1	1	
Compared to Event 9	****	****	****	****	****	****	****	****	****	1	1

Mann-Kendall Statistic 'S' = -12

Statistical Confidence Level

>90% Confidence

>95% Confidence

|S| ≥ 15

|S| ≥ 20

Result: No Trend

Result: No Trend

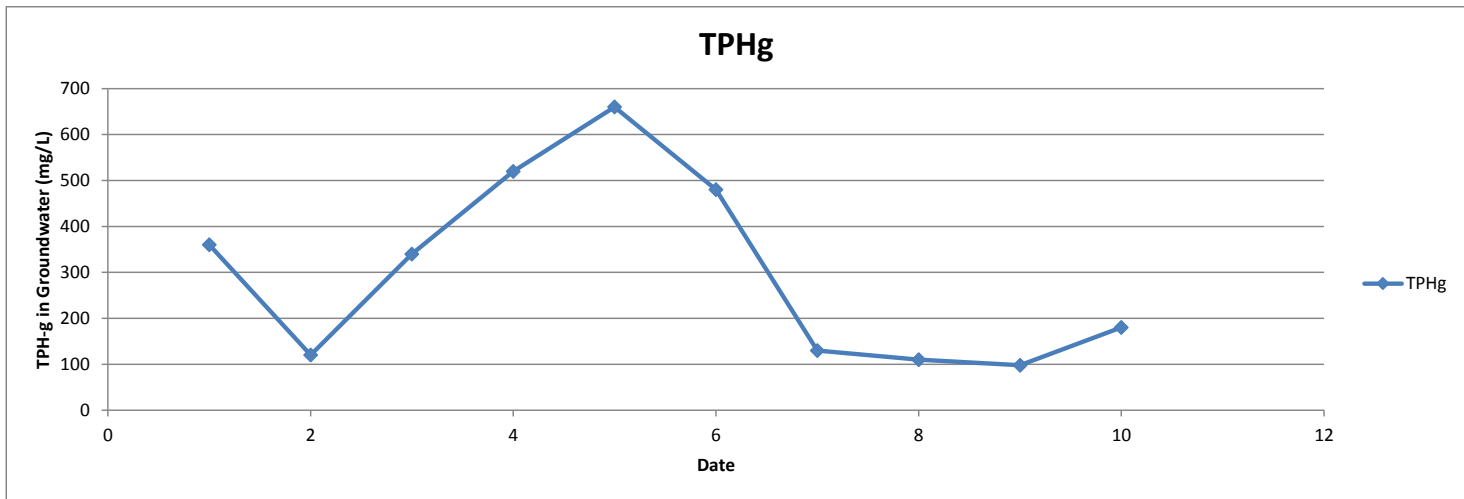


Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
MW-1	190.79	1/5/1990	32.80	157.99	--	<30	<0.30	<0.30	<0.30	<0.30	
screened	190.79	5/11/1990	31.80	158.99	--	<30	<0.30	7.1	<0.30	<0.30	
24 to 44' bgs	190.79	8/9/1990	32.37	158.42	--	<30	<0.30	<0.30	<0.30	<0.30	
	190.79	11/14/1990	33.32	157.47	--	<30	<0.30	<0.30	<0.30	<0.30	
	190.79	2/12/1991	33.02	157.77	--	<30	0.32	<0.30	<0.30	<0.30	
	190.79	5/9/1991	30.95	159.84	--	<30	<0.30	<0.30	<0.30	<0.30	
	190.79	11/13/2003	--	--	--	180	<1.0	<1.0	<1.0	<2.0	
	190.79	8/27/2004	30.65	160.14	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	11/23/2004	29.35	161.44	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	2/9/2005	26.89	163.90	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	5/17/2005	26.56	164.23	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	7/27/2005	27.33	163.46	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	12/6/2005	29.59	161.20	0	<50	<0.50	0.93	<0.50	1.80	
	190.79	2/21/2006	28.27	162.52	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	6/8/2006	26.07	164.72	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	9/15/2006	28.86	161.93	0	<50	<0.50	<0.50	<0.50	<0.50	
	190.79	12/14/2006	29.49	161.30	0	<50	<0.50	<0.50	<0.50	<0.50	
	190.79	3/28/2007	27.24	163.55	0	<50	<0.50	<0.50	<0.50	<0.50	
	190.79	6/25/2007	28.30	162.49	0	<50	<0.50	<0.50	<0.50	<0.50	
	190.79	9/22/2007	30.61	160.18	0	<50	<0.50	<0.50	<0.50	<0.50	
	190.79	12/14/2007	30.30	160.49	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	3/17/2008	27.22	163.57	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	6/20/2008	30.10	160.69	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	9/11/2008	31.04	159.75	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	11/25/2008	30.88	159.91	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	3/9/2009	27.50	163.29	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	5/28/2009	28.25	162.54	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	12/11/2009	30.60	160.19	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	5/7/2010	26.06	164.73	0	67	<0.50	<0.50	<0.50	<1.0	
	190.79	11/1/2010	30.18	160.61	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.79	5/27/2011	26.87	163.92	0	110	<0.50	<0.50	<0.50	<1.0	
	190.79	11/23/2011	29.14	161.65	0	1,101	<0.50	<0.50	<0.50	<1.0	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
MW-1 cont.	190.79	5/24/2012	26.58	164.21	0	140	<0.50	<0.50	<0.50	<1.0	
	190.79	10/23/2012	30.51	160.28	0	130	<0.50	<0.50	<0.50	<1.0	
	190.79	5/2/2013	28.30	162.49	0	150 ¹	<0.50	<0.50	<0.50	<1.0	
	190.79	11/13/2013	31.65	159.14	0	240	<0.50	<0.50	<0.50	<1.0	
	190.79	5/12/2014	28.95	161.84	0	98 ¹	<0.50	<0.50	<0.50	<1.0	
	190.79	11/19/2014	31.50	159.29	0	130 ¹	<0.50	<0.50	<0.50	<1.0	
	190.79	6/17/2015	29.27	161.52	0	52	<0.50	<0.50	<0.50	<1.0	
MW-2 screened 24 to 44' bgs	190.80	1/5/1990	33.02	157.78	--	<30	<>0.30	<>0.30	<>0.30	<>0.30	
	190.80	5/11/1990	31.98	158.82	--	<30	<>0.30	<>0.30	<>0.30	<>0.30	
	190.80	8/9/1990	32.45	158.35	--	<30	<>0.30	<>0.30	<>0.30	<>0.30	
	190.80	11/14/1990	33.47	157.33	--	<30	<>0.30	<>0.30	<>0.30	<>0.30	
	190.80	2/12/1991	33.15	157.65	--	<30	<>0.30	0.42	<0.30	0.51	
	190.80	5/9/1991	30.88	159.92	--	<30	<>0.30	<>0.30	<>0.30	<>0.30	
	190.80	11/13/2003	--	--	--	<2,000	<20	<20	<20	<40	
	190.80	8/27/2004	30.28	160.52	0	950	<5.0	<5.0	<5.0	<10	
	190.80	11/23/2004	28.75	162.05	0	53	<0.50	<0.50	<0.50	<1.0	
	190.80	2/9/2005	26.08	164.72	0	<500	<0.50	<0.50	<0.50	<1.0	
	190.80	5/17/2005	24.53	166.27	0	<50	<0.50	<0.50	<0.50	<1.0	
	190.80	7/27/2005	27.51	163.29	0	<500	<5.0	<5.0	<5.0	<10	
	190.80	12/6/2005	29.13	161.67	0	340	<0.50	<0.50	<0.50	<1.0	
	190.80	2/21/2006	29.23	161.57	0	190	<0.50	<0.50	<0.50	<1.0	
	190.80	6/8/2006	25.76	165.04	0	<500	<5.0	<5.0	<5.0	<10	
	190.80	9/15/2006	29.17	161.63	0	<500	<5.0	<5.0	<5.0	<5.0	
	190.80	12/14/2006	29.11	161.69	0	520	<0.50	<0.50	<0.50	<0.50	
	190.80	3/28/2007	26.68	164.12	0	290	<0.50	<0.50	<0.50	<0.50	
	190.80	6/25/2007	25.91	164.89	0	<50	<0.50	<0.50	<0.50	<0.50	
	190.80	9/22/2007	30.18	160.62	0	400	<0.50	<0.50	<0.50	<0.50	
190.80	12/14/2007	29.96	160.84	0	400	<0.50	<0.50	<0.50	<1.0		
190.80	3/17/2008	26.74	164.06	0	570	<5.0	<5.0	<5.0	<10		
190.80	6/20/2008	29.78	161.02	0	580	<0.50	<0.50	<0.50	<1.0		
190.80	9/11/2008	30.62	160.18	0	220	<0.50	<0.50	<0.50	<1.0		

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
MW-2 cont.	190.80	11/25/2008	30.48	160.32	0	500	<0.50	<0.50	<0.50	<1.0	
	190.80	3/9/2009	25.75	165.05	0	910	<5.0	<5.0	<5.0	<10	
	190.80	5/28/2009	27.71	163.09	0	460	<0.50	<0.50	<0.50	<1.0	
	190.80	12/11/2009	29.80	161.00	0	640	<5.0	<5.0	<5.0	<10	
	190.80	5/7/2010	25.11	165.69	0	600	<1.0	<1.0	<1.0	<2.0	
	190.80	11/1/2010	29.90	160.90	0	140	<0.50	<0.50	<0.50	<1.0	
	190.80	5/27/2011	26.44	164.36	0	560	<0.50	<0.50	<0.50	<1.0	
	190.80	11/23/2011	28.53	162.27	0	830	<0.50	<0.50	<0.50	<1.0	
	190.80	5/24/2012	25.97	164.83	0	1,000	<0.50	<0.50	<0.50	<1.0	
	190.80	10/23/2012	30.14	160.66	0	750	<0.50	<0.50	<0.50	<1.0	
	190.80	5/2/2013	27.14	163.66	0	290 ¹	<0.50	<0.50	<0.50	<1.0	
	190.80	11/13/2013	31.37	159.43	0	1,200	<0.50	<0.50	<0.50	<1.0	
	190.80	5/12/2014	28.49	162.31	0	260	<0.50	<0.50	<0.50	<1.0	
	190.80	11/19/2014	31.46	159.34	0	430 ¹	<0.50	<0.50	<0.50	<1.0	
		190.80	6/17/2015	29.70	161.10	0	<50	<0.50	<0.50	<0.50	<1.0
MW-3 screened 23 to 43' bgs	188.58	1/5/1990	31.88	156.70	--	<30	<0.30	<0.30	<0.30	<0.30	
	188.58	5/11/1990	31.25	157.33	--	<30	<0.30	<0.30	<0.30	<0.30	
	188.58	8/9/1990	31.53	157.05	--	<30	<0.30	<0.30	<0.30	<0.30	
	188.58	11/14/1990	33.30	155.28	--	<30	<0.30	<0.30	<0.30	<0.30	
	188.58	2/12/1991	32.05	156.53	--	<30	<0.30	<0.30	<0.30	<0.30	
	188.58	5/9/1991	30.37	158.21	--	<30	<0.30	<0.30	<0.30	<0.30	
	188.58	11/13/2003	--	--	--	2,600	<20	<20	<20	<40	
	188.58	8/27/2004	29.61	158.97	0	1,700	<10	<10	<10	<20	
	188.58	11/23/2004	28.48	160.10	0	1,500	<10	<10	<10	<20	
	188.58	2/9/2005	26.45	162.13	0	<1,000	<0.50	<0.50	<0.50	<1.0	
	188.58	5/17/2005	25.61	162.97	0	<1,000	<0.50	<0.50	<0.50	<1.0	
	188.58	7/27/2005	27.35	161.23	0	<1,000	<10	<10	<10	<20	
	188.58	12/6/2005	28.78	159.80	0	430	<0.50	1.6	<0.50	3.6	
	188.58	2/21/2006	28.91	159.67	0	420	<0.50	<0.50	<0.50	<1.0	
	188.58	6/8/2006	25.97	162.61	0	<1,200	<12	<12	<12	<25	
188.58	9/15/2006	28.73	159.85	0	<1,200	<12	<12	<12	<12		

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
MW-3 cont.	188.58	12/14/2006	28.62	159.96	0	<1,000	<10	<10	<10	<10	
	188.58	3/28/2007	26.69	161.89	0	500	<1.0	<1.0	<1.0	<1.0	
	188.58	6/25/2007	26.74	161.84	0	270	<0.50	<0.50	<0.50	<0.50	
	188.58	9/22/2007	29.57	159.01	0	500	<0.50	<0.50	<0.50	<0.50	
	188.58	12/14/2007	29.30	159.28	0	270	<0.50	<0.50	<0.50	<1.0	
	188.58	3/17/2008	26.82	161.76	0	220	<0.50	<0.50	<0.50	<1.0	
	188.58	6/20/2008	29.10	159.48	0	490	<0.50	<0.50	<0.50	<1.0	
	188.58	9/11/2008	29.89	158.69	0	630	<5.0	<5.0	<5.0	<10	
	188.58	11/25/2008	29.74	158.84	0	380	<0.50	<0.50	<0.50	<1.0	
	188.58	3/9/2009	25.56	163.02	0	310	<0.50	<0.50	<0.50	<1.0	
	188.58	5/28/2009	27.55	161.03	0	410	<0.50	<0.50	<0.50	<1.0	
	188.58	12/11/2009	29.10	159.48	0	220	<0.50	<0.50	<0.50	<1.0	
	188.58	5/7/2010	25.72	162.86	0	360	<0.50	<0.50	<0.50	<1.0	
	188.58	11/1/2010	29.29	159.29	0	120	<0.50	<0.50	<0.50	<1.0	
	188.58	5/27/2011	26.53	162.05	0	340	<0.50	<0.50	<0.50	<1.0	
	188.58	5/24/2012	25.95	162.63	0	660	<0.50	<0.50	<0.50	<1.0	
	188.58	10/23/2012	29.39	159.19	0	480	<0.50	<0.50	<0.50	<1.0	
	188.58	5/2/2013	26.98	161.60	0	130 ¹	<0.50	<0.50	<0.50	<1.0	
	188.58	11/13/2013	30.28	158.30	0	110	<0.50	<0.50	<0.50	<1.0	
	188.58	5/12/2014	27.93	160.65	0	98 ¹	<0.50	<0.50	<0.50	<1.0	
	188.58	11/19/2014	30.22	158.36	0	180 ¹	<0.50	<0.50	<0.50	<1.0	
	188.58	6/17/2015	28.75	159.83	0	220¹	<0.50	<0.50	<0.50	<1.0	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
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NOTES:

* TOC and GWE are in feet above mean sea level.

<# = Analyte not detected at or above indicated laboratory practical quantitation limit

BTEX compounds analyzed by Environmental Protection Agency Method 8260B

TPH-g analyzed by Luft-GC/MS method

ID = Identification

TOC = Top of casing

ft = Feet

DTW = Depth to water

GWE = Groundwater elevation

-- = Not available/Not analyzed

µg/L = Micrograms per liter

LNAPL = Light Non-Aqueous Phase Liquid

bgs = below ground surface

B = Benzene

T = Toluene

E = Ethylbenzene

X = Total Xylenes

TPH-g = Total Petroleum Hydrocarbons as Gasoline

¹ = TPH-g does not exhibit a "gasoline" pattern. TPH-g is entirely due to MTBE.

TPH-g reported as TPPH (total purgeable petroleum hydrocarbons) on some laboratory reports

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)
MW-1	1/5/1990	--	--	--	--	--	--	--	--
	5/11/1990	--	--	--	--	--	--	--	--
	8/9/1990	--	--	--	--	--	--	--	--
	11/14/1990	--	--	--	--	--	--	--	--
	2/12/1991	--	--	--	--	--	--	--	--
	5/9/1991	--	--	--	--	--	--	--	--
	11/13/2003	240	<200	<1,000	<4.0	<4.0	<4.0	<4.0	<4.0
	8/27/2004	<0.50	<5.0	<50	<0.50	<1.0	<0.50	<0.50	<0.50
	11/23/2004	<0.50	<5.0	<50	<0.50	<1.0	<0.50	<0.50	<0.50
	2/9/2005	9.3	<5.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/17/2005	1.9	<5.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	7/27/2005	<0.50	<5.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/6/2005	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	2/21/2006	2.6	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	6/8/2006	11	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	9/15/2006	1.4	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	12/14/2006	3.5	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	3/28/2007	0.64	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	6/25/2007	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	9/22/2007	4.10	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	12/14/2007	0.65	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	3/17/2008	14	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	6/20/2008	11	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	9/11/2008	1.3	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	11/25/2008	5.8	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	3/9/2009	25	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
5/28/2009	17	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	
12/11/2009	18	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	
5/7/2010	64	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	
11/1/2010	92	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)
MW-1 cont.	5/27/2011	220	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	11/23/2011	150	41	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	5/24/2012	190	66	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	10/23/2012	140	47	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	5/2/2013	270	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	11/13/2013	270	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	5/12/2014	170 ¹	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	11/19/2014	180 ¹	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	6/17/2015	100	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
MW-2	1/5/1990	--	--	--	--	--	--	--	--
	5/11/1990	--	--	--	--	--	--	--	--
	8/9/1990	--	--	--	--	--	--	--	--
	11/14/1990	--	--	--	--	--	--	--	--
	2/12/1991	--	--	--	--	--	--	--	--
	5/9/1991	--	--	--	--	--	--	--	--
	11/13/2003	2,100	<4,000	<20,000	<80	<80	<80	<80	<80
	8/27/2004	1,400	<5.0	<500	<5.0	24	<5.0	<5.0	<5.0
	11/23/2004	4.2	<5.0	<50	<0.50	18	<0.50	<0.50	<0.50
	2/9/2005	400	<5.0	<500	<5.0	19	<5.0	<5.0	<5.0
	5/17/2005	330	<5.0	<50	<0.50	12	<0.50	<0.50	<0.50
	7/27/2005	580	140	<500	<5.0	16	<5.0	<5.0	<5.0
	12/6/2005	780	61	<250	<0.50	15	<0.50	<0.50	<0.50
	2/21/2006	340	<10	<250	<0.50	18	<0.50	<0.50	<0.50
	6/8/2006	440	<100	<2,500	<5.0	14	<5.0	<5.0	<5.0
	9/15/2006	570	<100	<2,500	<5.0	17	<5.0	<5.0	<5.0
	12/14/2006	770	27	<250	<0.50	20	<0.50	<0.50	<0.50
3/28/2007	460	260	<250	<0.50	23	<0.50	<0.50	<0.50	
6/25/2007	1.2	<10	<250	<0.50	23	<0.50	<0.50	<0.50	
9/22/2007	530	<10	<250	<0.50	35	<0.50	<0.50	<0.50	

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)
MW-2 cont.	12/14/2007	930	48	<250	<0.50	24	<0.50	<0.50	<0.50
	3/17/2008	630	<100	<2,500	<5.0	18	<5.0	<5.0	<5.0
	6/20/2008	1,200	<10	<250	<0.50	16	<0.50	<0.50	<0.50
	9/11/2008	29	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	11/25/2008	1,500	<10	<250	<0.50	19	<0.50	<0.50	<0.50
	3/9/2009	1,400	<100	<2,500	<5.0	15	<5.0	<5.0	<5.0
	5/28/2009	740	<10	<250	<0.50	20	<0.50	<0.50	<0.50
	12/11/2009	1,300	<100	<2,500	<5.0	19	<5.0	<5.0	<5.0
	5/7/2010	940	<20	<500	<1.0	14	<1.0	<1.0	<1.0
	11/1/2010	730	<10	<250	<0.50	28	<0.50	<0.50	<0.50
	5/27/2011	1,100	210	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	11/23/2011	1,500	400	<250	<0.50	9.00	<0.50	<0.50	<0.50
	5/24/2012	1,200	430	<250	<0.50	8.8	<0.50	<0.50	<0.50
	10/23/2012	1,300	420	<250	<0.50	14	<0.50	<0.50	<0.50
	5/2/2013	460	<10	<250	6.2	<0.50	<0.50	<0.50	<0.50
	11/13/2013	1,300	<10	<250	17	<0.50	<0.50	<0.50	<0.50
	5/12/2014	510 ¹	44	<250	12	<0.50	<0.50	<0.50	<0.50
	11/19/2014	980 ¹	<10	<250	31	<0.50	<0.50	<0.50	<0.50
6/17/2015	25	<10	<250	3.1	<0.50	<0.50	<0.50	<0.50	
MW-3	1/5/1990	--	--	--	--	--	--	--	--
	5/11/1990	--	--	--	--	--	--	--	--
	8/9/1990	--	--	--	--	--	--	--	--
	11/14/1990	--	--	--	--	--	--	--	--
	2/12/1991	--	--	--	--	--	--	--	--
	5/9/1991	--	--	--	--	--	--	--	--
	11/13/2003	3,700	<4,000	<20,000	<80	<80	<80	<80	<80
	8/27/2004	2,600	<100	<1,000	<10	<20	<10	<10	<10
	11/23/2004	1,800	<100	<1,000	<10	<20	<10	<10	<10
	2/9/2005	2,100	130	<1,000	<10	<10	<10	<10	<10

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)
MW-3 cont.	5/17/2005	1,200	<100	<1,000	<10	<10	<10	<10	<10
	7/27/2005	1,400	360	<1,000	<10	<10	<10	<10	<10
	12/6/2005	1,800	160	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	2/21/2006	1,100	88	<250	<0.50	<0.50	0.58	<0.50	<0.50
	6/8/2006	1,000	<250	<6,200	<12	<12	<12	<12	<12
	9/15/2006	1,200	<250	<6,200	<12	<12	<12	<12	<12
	12/14/2006	1,300	<200	<5,000	<10	<10	<10	<10	<10
	3/28/2007	860	500	<500	<1.0	<1.0	<1.0	<1.0	<1.0
	6/25/2007	570	11	<250	<0.50	<0.50	<0.50	<0.50	0.65
	9/22/2007	980	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	12/14/2007	570	26	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	3/17/2008	520	<10	<250	<0.50	<0.50	<0.50	<0.50	0.65
	6/20/2008	1,300	49	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	9/11/2008	1,200	<100	<2,500	<5.0	<5.0	<5.0	<5.0	<5.0
	11/25/2008	870	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	3/9/2009	720	15	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	5/28/2009	750	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	12/11/2009	620	63	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	5/7/2010	660	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	11/1/2010	490	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	5/27/2011	890	73	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	5/24/2012	1,100	300	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	10/23/2012	500	160	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	5/2/2013	220	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	11/13/2013	100	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
	5/12/2014	160 ¹	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
11/19/2014	250 ¹	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	
6/17/2015	570¹	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 6129 (351639)
3420 35th Avenue
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)
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NOTES:

Oxygenate compounds analyzed by Environmental Protection Agency Method 8260B

<# = Analyte not detected at or above indicated laboratory practical quantitation limit

ID = Identification

-- = Not available/Not Analyzed

µg/L = Micrograms per liter

MTBE = Methyl t-butyl ether

TBA = T-butyl alcohol

DIPE = Diisopropyl ether

ETBE = Ethyl t-butyl ether

TAME = T-amyl methyl ether

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

¹ = Practical Quantitation Limits and Method Detection Limits are raised due to sample dilution

Table 2
Historical Groundwater Monitoring and Analytical Data
CA-11132
3201 35th Avenue, Oakland, CA 94619

Well ID	Date	Type	TOC (ft msl)	DTW (ft btoc)	Measured LNAPL Thickness (ft)	GW Elev (ft msl)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	EDB (µg/L)	TAME (µg/L)	Ethanol (µg/L)	DO (mg/L)	Naphthalene (µg/L)	Notes	
MW-6	7/23/1996		165.40	17.83	--	147.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/11/1996		165.40	18.90	--	146.50	<50	--	<0.5	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	7.70	--	--	
MW-6	1/21/1997		165.40	11.97	--	153.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	4/29/1997		165.40	17.04	--	148.36	<50	--	<0.5	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	4.50	--	--	
MW-6	8/21/1997		165.40	18.58	--	146.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/5/1997		165.40	19.17	--	146.23	70	--	<0.5	<1.0	<1.0	<1.0	85	--	--	--	--	--	--	--	4.30	--	--	
MW-6	2/3/1998		165.40	9.87	--	155.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	5/28/1998		165.40	13.38	--	152.02	<50	--	<0.5	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	3.70	--	--	
MW-6	12/30/1998		165.40	14.45	--	150.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/2/1999		165.40	18.29	--	147.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	5/10/1999		165.40	17.49	--	147.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	8/24/1999		165.40	17.61	--	147.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/3/1999		165.40	16.26	--	149.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	3/1/2000		165.40	17.43	--	147.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	4/21/2000		165.40	13.32	--	152.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	7/31/2000		165.40	13.46	--	151.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/20/2000		165.40	14.78	--	150.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/18/2001		165.40	11.33	--	154.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	6/7/2001		165.40	16.36	--	149.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	9/5/2001		165.40	18.61	--	146.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/30/2001		165.40	15.20	--	150.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/20/2002		165.40	12.74	--	152.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	6/20/2002		165.40	16.68	--	148.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	9/11/2002		165.40	18.38	--	147.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/12/2002		165.40	18.78	--	146.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	1/29/2003		165.40	14.45	--	150.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	5/22/2003		165.40	14.36	--	151.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	7/28/2003		165.40	18.43	--	146.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/18/2003		165.40	17.48	--	147.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/23/2004		165.40	11.54	--	153.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	5/4/2004		165.40	16.58	--	148.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	8/4/2004		165.40	18.12	--	147.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/10/2004		165.40	15.75	--	149.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/15/2005		165.40	12.50	--	152.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	5/16/2005		165.40	11.51	--	153.89	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	
MW-6	8/17/2005		165.40	16.85	--	148.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/7/2006		165.40	9.93	--	155.47	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<300	--	--	
MW-6	8/23/2006		165.40	16.35	--	149.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/15/2006		165.40	17.42	--	147.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/14/2007		165.40	12.03	--	153.37	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<300	1.07	--	
MW-6	5/22/2007		165.40	15.11	--	150.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	8/15/2007		165.40	18.08	--	147.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	11/8/2007		165.40	17.79	--	147.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/20/2008		165.40	11.81	--	153.59	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	1.29	--	
MW-6	5/7/2008		165.40	16.75	--	148.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/25/2009		165.40	9.99	--	155.41	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<300	2.39	--	
MW-6	8/6/2009		165.40	18.33	--	147.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	3/4/2010		165.40	9.11	--	156.29	<50	--	<0.50	<0.50	<0.50	<1.0	<0.50	<4.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	0.88	--	(P)
MW-6	9/2/2010		165.40	17.80	--	147.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	3/15/2011		165.40	10.08	--	155.32	<50	--	<0.50	<0.50	<0.50	<1.0	<0.50	<4.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	--	--	(P)
MW-6	8/17/2011		165.40	16.50	--	148.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/6/2012		165.40	14.44	--	150.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	8/21/2012		165.40	17.91	--	147.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/4/2013		165.40	14.13	--	151.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	8/1/2013		165.40	18.27	--	147.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	2/27/2014		165.40	15.33	--	150.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	8/27/2014		165.40	19.12	--	146.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	3/27/2015		165.40	15.58	--	149.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	3/7/1991		167.61	19.04	--	148.57	--	--	--	0.4	0.3	2.4	--	--	--	--	--	--	--	--	--	--	--	
MW-7	4/1/1991		167.61	15.18	--	152.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	6/27/1991		--	--	--	--	70	--	17	4	0.8	2.2	--	--	--	--	--	--	--	--	--	--	--	
MW-7	9/27/1991		--	--	--	--	--	--	0.4	--	--	0.4	--	--	--	--	--	--	--	--	--	--	--	
MW-7	12/18/1991		--	--	--	--	--	--	0.7	2.9	0.8	3.3	--	--	--	--	--	--	--	--	--	--	--	
MW-7	7/3/1992		167.61	20.28	--	147.33	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	
MW-7	10/5/1992		167.61	21.56	--	146.05	<50	--	<0.5	<0.5	<0.5	1.5	--	--	--	--	--	--	--	--	--	--	--	
MW-7	1/13/1993		167.61	15.41	--	152.20	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	
MW-7	4/23/1993		167.61	15.84	--	151.77	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	
MW-7	7/12/1993		167.61	19.84	--	147.77	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--	--	--	
MW-7	10/21/1993		167.61	21.61	--	146.00	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	
MW-7	1/21/1994	Dup	167.61	20.49	--	147.12	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--	(Dup)
MW-7	4/20/1994		167.61	20.54	--	147.07	<50	--	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--						

Table 2
Historical Groundwater Monitoring and Analytical Data
CA-11132
3201 35th Avenue, Oakland, CA 94619

Well ID	Date	Type	TOC (ft msl)	DTW (ft btoc)	Measured LNAPL Thickness (ft)	GW Elev (ft msl)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	EDB (µg/L)	TAME (µg/L)	Ethanol (µg/L)	DO (mg/L)	Naphthalene (µg/L)	Notes	
MW-7	8/22/1995		167.61	21.49	--	146.12	<50	--	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	--	--	--	--	6.40	--	--	
MW-7	10/27/1995		167.61	22.53	--	145.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	1/25/1996		167.61	17.21	--	150.40	<50	--	<0.50	<0.50	<0.50	<1.0	<5.0	--	--	--	--	--	--	--	--	--	--	
MW-7	4/19/1996		167.61	17.09	--	150.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	7/23/1996		167.61	21.02	--	146.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/11/1996		167.61	22.03	--	145.58	<50	--	<0.5	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	--	7.80	--	
MW-7	1/21/1997		167.61	15.06	--	152.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	4/29/1997		167.61	20.11	--	147.50	<50	--	<0.5	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	--	4.40	--	
MW-7	8/21/1997		167.61	21.59	--	146.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/5/1997		167.61	20.05	--	147.56	<50	--	<0.5	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	--	4.40	--	
MW-7	2/3/1998		167.61	9.97	--	157.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	5/28/1998		167.61	13.52	--	154.09	<50	--	<0.5	<1.0	<1.0	<1.0	<10	--	--	--	--	--	--	--	--	4.30	--	
MW-7	12/30/1998		167.61	18.33	--	149.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/2/1999		167.61	12.33	--	155.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	5/10/1999		167.61	13.52	--	154.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	8/24/1999		167.61	14.01	--	153.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/3/1999		167.61	19.91	--	147.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	3/1/2000		167.61	19.89	--	147.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	4/21/2000		167.61	17.94	--	149.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	7/31/2000		167.61	17.33	--	150.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/20/2000		167.61	18.41	--	149.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/18/2001		167.61	15.13	--	152.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	6/7/2001		167.61	18.75	--	148.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	9/5/2001		167.61	20.48	--	147.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/30/2001		167.61	20.11	--	147.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/20/2002		167.61	18.40	--	149.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	6/20/2002		167.61	18.62	--	148.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	9/11/2002		167.61	20.05	--	147.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/12/2002		167.61	21.13	--	146.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	1/29/2003		167.61	19.10	--	148.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	5/22/2003		167.61	18.83	--	148.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	7/28/2003		167.61	19.88	--	147.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/18/2003		167.61	20.50	--	147.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/23/2004		168.08	15.92	--	152.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	5/4/2004		168.08	18.86	--	149.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	8/4/2004		168.08	19.10	--	148.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/10/2004		168.08	20.25	--	147.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/15/2005		168.08	16.37	--	151.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	8/17/2005		168.08	19.74	--	148.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/18/2005		168.08	20.82	--	147.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/7/2006		168.08	14.26	--	153.82	<500	--	<5.0	<5.0	<5.0	<5.0	270	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3,000	--	--	
MW-7	5/19/2006		168.08	16.51	--	151.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	8/23/2006		168.08	20.30	--	147.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/15/2006		168.08	20.85	--	147.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/14/2007		168.08	16.57	--	151.51	520	--	<5.0	<5.0	<5.0	<5.0	740	<200	<5.0	<5.0	<5.0	<5.0	9.6	<3,000	3.08	--	--	
MW-7	5/22/2007		168.08	18.40	--	149.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	8/15/2007		168.08	20.85	--	147.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/8/2007		168.08	20.41	--	147.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/20/2008		168.08	19.90	--	152.18	<50	--	<0.50	<0.50	<0.50	<0.50	700	13	0.6	<0.50	<0.50	<0.50	12	<100	4.34	--	--	
MW-7	5/7/2008		168.08	15.91	--	148.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	8/20/2008		168.08	21.34	--	146.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	11/17/2008		168.08	20.54	--	147.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/25/2009		168.08	14.89	--	153.19	130	--	<20	<20	<20	<20	540	<400	<20	<20	<20	<20	<20	<12,000	4.28	--	--	
MW-7	5/28/2009		168.08	18.57	--	149.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	8/6/2009		168.08	20.83	--	147.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	3/4/2010		168.08	14.02	--	154.06	430	--	<0.50	<0.50	<0.50	<1.0	920	4	0.74	<0.50	<0.50	<0.50	17	<100	3.30	--	(P)	
MW-7	9/2/2010		168.08	20.43	--	147.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	3/15/2011		168.08	14.86	--	153.22	<1,000	--	<0.50	<0.50	<0.50	<1.0	990	130	0.81	<0.50	<0.50	<0.50	17	<250	--	--	(P)	
MW-7	8/17/2011		168.08	19.01	--	149.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/6/2012		168.08	18.20	--	149.88	<50	--	<0.50	<0.50	<0.50	<1.0	22	<4.0	<0.50	<0.50	<0.50	<0.50	<0.50	<250	--	--	(P)	
MW-7	8/21/2012		168.08	20.29	--	147.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/4/2013		168.08	17.60	--	150.48	<500	--	<0.50	<0.50	<0.50	<1.0	290	<4.0	<0.50	<0.50	<0.50	<0.50	6.4	<250	--	--		
MW-7	8/1/2013		168.08	20.68	--	147.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	2/27/2014		168.08	18.86	--	149.22	<50	--	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250	--	--		
MW-7	8/27/2014		168.08	19.68	--	148.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	3/27/2015		168.08	18.09	--	149.99	<50	--	<0.5	<0.5	<0.5	<1.0	240	<20	<0.5	<0.5	<0.5	<0.5	3.3	<500	3.42	--	--	
MW-8	3/7/1991		165.74	16.72	--	149.02	2.7	--	780	450	64	310	--	--	--	--	--	--	--	--	--	--	--	
MW-8	4/1/1991		165.74	12.54	--	153.20	15,000	--	3,600	2,600	410	1,900	--	--	--	--	--	--	--	--	--	--	--	
MW-8	6/27/1991		--	--	--	--	12,000	--	3,400	1,100	240	750	--	--	--	--	--	--	--	--	--	--	--	
MW-8	9/27/1991		--	--	--	--	41	--	5,700	5,200	1,100	4,300	--	--	--	--	--	--	--	--	--	--	--	
MW-8	12/18/1991		--	--	--	--	3.2	--	990	150	120	250	--	--										

Table 2
 Historical Groundwater Monitoring and Analytical Data
 CA-11132
 3201 35th Avenue, Oakland, CA 94619

Well ID	Date	Type	TOC (ft msl)	DTW (ft btoc)	Measured LNAPL Thickness (ft)	GW Elev (ft msl)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	EDB (µg/L)	TAME (µg/L)	Ethanol (µg/L)	DO (mg/L)	Naphthalene (µg/L)	Notes	
MW-8	7/12/1993		165.74	18.30	--	147.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/21/1993		165.74	21.91	--	142.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	1/21/1994		165.74	19.12	--	146.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	4/20/1994		165.74	19.28	--	146.46	26,000	--	1,700	4,100	960	4,000	632	--	--	--	--	--	--	--	--	1.10	--	
MW-8	12/23/1994		165.74	13.81	--	151.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	6/8/1995		165.74	17.82	--	147.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	8/22/1995		165.74	19.41	--	146.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/27/1995		165.74	20.47	--	145.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	1/25/1996		165.74	13.35	--	152.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	4/19/1996		165.74	14.40	--	151.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	7/23/1996		165.74	18.35	--	147.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	11/11/1996		165.74	19.41	--	146.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	1/21/1997		165.74	12.29	--	153.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	8/21/1997		165.74	19.61	--	146.13	240,000	--	1,100	9,300	4,100	31,100	<1,000	--	--	--	--	--	--	--	--	--	5.20	
MW-8	11/5/1997		165.74	19.45	--	146.29	57,000	--	790	2,700	2,300	15,200	<1,000	--	--	--	--	--	--	--	--	--	5.00	
MW-8	2/3/1998		165.74	9.33	--	156.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	2/4/1998		--	--	--	--	94,000	--	570	1,500	2,100	15,200	<2,500	--	--	--	--	--	--	--	--	--	5.50	
MW-8	12/30/1998		165.74	15.48	--	150.26	120,000	--	460	2,300	2,200	15,000	150	--	--	--	--	--	--	--	--	--	--	
MW-8	2/2/1999		165.74	18.29	--	147.45	82,000	--	450	2,200	3,700	26,000	<500	--	--	--	--	--	--	--	--	--	--	
MW-8	5/10/1999		165.74	15.62	--	150.12	28,000	--	740	1,800	1,100	5,800	<25	--	--	--	--	--	--	--	--	--	--	
MW-8	8/24/1999		165.74	18.41	--	147.33	75,000	--	530	1,400	3,300	21,000	150	--	--	--	--	--	--	--	--	--	--	
MW-8	11/3/1999		165.74	18.71	--	147.03	70,000	--	600	1,300	3,600	20,500	750	--	--	--	--	--	--	--	--	--	--	
MW-8	3/1/2000		165.74	19.37	--	146.37	27,000	--	1,600	1,200	2,600	6,600	120	--	--	--	--	--	--	--	--	--	--	
MW-8	11/20/2000		165.74	17.42	--	148.32	1,300,000	--	1,400	1,700	20,000	16,000	5,700	--	--	--	--	--	--	--	--	--	--	
MW-8	9/5/2001		165.74	21.45	0.04	144.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	11/30/2001		165.74	18.31	--	147.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	2/20/2002		165.74	14.02	--	151.72	20,000	--	163	114	403	3,810	80.4	--	--	--	--	--	--	--	--	--	--	
MW-8	6/20/2002		165.74	17.56	--	148.18	28,000	--	466	141	962	5,850	2,520	--	--	--	--	--	--	--	--	--	--	
MW-8	9/11/2002		165.74	19.45	--	146.29	190,000	--	1,500	670	4,500	23,000	1,200	--	--	--	--	--	--	--	--	--	--	
MW-8	11/12/2002		165.74	19.15	--	146.59	420	--	6.4	2.9	16	110	31	--	--	--	--	--	--	--	--	--	--	
MW-8	1/29/2003		165.74	15.02	--	150.72	200,000	--	810	<500	2,000	11,000	<500	<2,000	<50	<50	<50	<50	<50	<50	<50	<4,000	--	
MW-8	5/22/2003		165.74	15.07	--	150.67	--	--	--	--	--	--	--	<1,000	<50	<25	<25	<25	<25	<25	<25	<5,000	--	
MW-8	6/24/2003		165.74	17.95	--	147.79	43,000	--	860	300	2,100	9,600	46	--	--	--	--	--	--	--	--	--	--	
MW-8	7/28/2003		165.74	19.45	--	146.29	62,000	--	690	230	1,800	15,000	2,100	<4,000	<100	<100	<100	<100	<100	<100	<20,000	--		
MW-8	8/12/2003		165.74	19.40	0.01	146.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	9/12/2003		165.74	19.34	--	146.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	11/18/2003		165.74	18.80	0.01	146.94	8,800	--	500	37	530	930	1,700	<400	--	<10	<10	<10	--	20	<2,000	--		
MW-8	2/23/2004		165.74	12.82	0.01	152.92	32,000	--	840	360	1,000	7,100	110	<2,000	<50	<50	<50	<50	<50	<50	<10,000	--		
MW-8	5/4/2004		165.74	18.87	0.01	146.87	42,000	--	570	230	1,700	8,400	2,000	<1,000	<25	<25	<25	<25	33	<5,000	--			
MW-8	8/4/2004		165.74	19.37	0.05	146.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	9/22/2004		165.74	19.60	--	146.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	11/10/2004		165.74	16.58	--	149.16	11,000	--	790	61	1,000	830	74	<1,000	<25	<25	<25	<25	<25	<25	<5,000	--		
MW-8	2/15/2005		165.74	12.85	--	152.89	38,000	--	1,300	390	2,300	7,900	<50	<2,000	<50	<50	<50	<50	<50	<50	<10,000	--		
MW-8	5/16/2005		165.74	12.22	--	153.52	31,000	--	1,000	360	2,500	7,500	<50	<2,000	<50	<50	<50	<50	<50	<50	<10,000	--		
MW-8	8/17/2005		165.74	17.80	--	147.94	60,000	--	540	240	2,500	8,600	<50	<2,000	<50	<50	<50	<50	<50	<50	<10,000	--		
MW-8	11/18/2005		165.74	21.02	--	144.72	33,000	--	340	120	1,400	4,900	140	<2,000	<50	<50	<50	<50	<50	<50	<10,000	--		
MW-8	2/7/2006		165.74	10.73	--	155.01	5,700	--	94	27	260	820	7.5	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<3,000	--		
MW-8	5/19/2006		165.74	13.89	--	151.85	40,000	--	1,100	320	2,900	6,000	<25	<1,000	<25	<25	<25	<25	<25	<25	<15,000	--		
MW-8	8/23/2006		165.74	18.85	--	146.89	21,000	--	520	150	1,800	6,300	82	<1,000	<25	<25	<25	<25	<25	<25	<15,000	--		
MW-8	11/15/2006		165.74	18.75	--	146.99	3,300	--	81	<25	130	430	110	<1,000	<25	<25	<25	<25	<25	<25	<15,000	0.81		
MW-8	2/14/2007		165.74	13.45	(Sheen)	152.29	9,300	--	320	<25	360	710	82	<1,000	<25	<25	<25	<25	<25	<25	<15,000	1.89		
MW-8	5/22/2007		165.74	15.92	(Sheen)	149.82	17,000	--	370	51	760	1,600	11	<400	<10	<10	<10	<10	<10	<10	<6,000	1.05		
MW-8	8/15/2007		165.74	19.11	(Sheen)	146.63	17,000	--	170	44	1,000	2,700	28	<400	<10	<10	<10	<10	<10	<10	<6,000	3.93		
MW-8	11/8/2007		165.74	18.46	(Sheen)	147.28	24,000	--	150	43	1,100	3,200	27	<1,000	<25	<25	<25	<25	<25	<25	<15,000	1.29		
MW-8	8/20/2008		165.74	19.66	0.01	146.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	2/25/2009		165.74	11.50	(Sheen)	154.24	3,400	--	160	11	88	65	35	<200	<10	<10	<10	<10	<10	<10	<6,000	2.18		
MW-8	4/8/2009		165.74	14.55	--	151.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	5/28/2009		165.74	16.12	(Sheen)	149.62	8,300	--	410	54	660	800	<2.5	<50	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1,500	0.06		
MW-8	6/16/2009		165.74	17.63	--	148.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	3/4/2010		165.74	10.33	--	155.41	11,000	--	520	110	830	1,600	<5.0	<40	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1,000	0.82	(P)	
MW-8	9/2/2010		165.74	18.52	--	147.22	6,900	--	180	24	280	480	<5.0	<40	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1,000	--	(P)	
MW-8	3/15/2011		165.74	11.03	--	154.71	14,000	--	470	150	1,400	3,000	<2.5	<20	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1,200	--	(P)	
MW-8	8/17/2011		165.74	17.14	--	148.60	4,100	--	180	24	280	340	<5.0	<40	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2,500	--	(P)	
MW-8	2/6/2012		165.74	15.07	--	150.67	5,100	--	140	18	210	220	<5.0	<40	<5.0	<5.0</								

Table 2
 Historical Groundwater Monitoring and Analytical Data
 CA-11132
 3201 35th Avenue, Oakland, CA 94619

Well ID	Date	Type	TOC (ft msl)	DTW (ft btoc)	Measured LNAPL Thickness (ft)	GW Elev (ft msl)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	EDB (µg/L)	TAME (µg/L)	Ethanol (µg/L)	DO (mg/L)	Naphthalene (µg/L)	Notes
MW-9	7/3/1992		166.20	18.89	--	147.31	5,700	--	17,000	840	230	800	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/5/1992		166.20	20.52	--	145.68	1,400	--	440	17	14	100	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/13/1993	Dup	166.20	12.92	--	153.28	11,000	--	1,200	1,600	330	1,300	--	--	--	--	--	--	--	--	--	--	(Dup)
MW-9	4/23/1993		166.20	14.08	--	152.12	24,000	--	2,800	4,500	730	3,400	350	2,600	<5.0	<5.0	<5.0	<5.0	12	<1,000	--	--	
MW-9	7/12/1993	Dup	166.20	18.44	--	147.76	10,000	--	1,200	900	310	1,200	--	--	--	--	--	--	--	--	--	--	(Dup)
MW-9	10/21/1993		166.20	21.81	--	143.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/21/1994		166.20	19.28	--	146.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/20/1994	Dup	166.20	19.72	--	146.48	45,000	--	2,700	6,800	1,200	8,200	740	160	<2.5	<2.5	<2.5	<2.5	<2.5	<500	--	--	(Dup)
MW-9	8/1/1994		166.20	20.18	--	146.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/23/1994		166.20	14.22	--	151.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/26/1995		166.20	11.85	--	154.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/8/1995		166.20	18.33	--	147.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/22/1995		166.20	19.95	--	146.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/27/1995		166.20	20.88	--	145.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/25/1996		166.20	13.84	--	152.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/23/1996		166.20	18.84	--	147.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/11/1996		166.20	19.91	--	146.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/21/1997		166.20	12.93	--	153.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/29/1997		166.20	18.03	0.10	148.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/30/1997		--	--	--	--	78,000	--	1,900	3,600	3,100	20,600	<5,000	<4.0	<0.50	<0.50	<0.50	<0.50	<0.50	<100	5.50	--	--
MW-9	8/21/1997		166.20	19.56	--	146.64	110,000	--	2,100	3,400	2,300	18,800	<500	--	--	--	--	--	--	--	5.10	--	--
MW-9	11/5/1997		166.20	20.59	0.01	145.60	59,000	--	1,400	1,700	2,200	17,000	<500	--	--	--	--	--	--	--	4.50	--	--
MW-9	2/3/1998		166.20	10.56	--	155.64	55,000	--	490	1,200	1,400	10,200	<1,000	--	--	--	--	--	--	--	4.90	--	--
MW-9	5/28/1998	Dup	166.20	14.21	--	151.99	53,000	--	290	830	1,400	10,500	<500	<40	<5.0	<5.0	<5.0	<5.0	<5.0	<1,000	--	--	(Dup)
MW-9	12/30/1998		166.20	15.61	--	150.59	83,000	--	860	1,300	2,400	21,000	180	--	--	--	--	--	--	--	--	--	--
MW-9	2/2/1999		166.20	12.33	--	153.87	75,000	--	530	960	1,900	17,000	<50	--	--	--	--	--	--	--	--	--	--
MW-9	5/10/1999		166.20	15.67	--	150.53	22,000	--	600	1,500	1,100	4,400	72	--	--	--	--	--	--	--	--	--	--
MW-9	8/24/1999		166.20	19.10	--	147.10	85,000	--	850	1,300	1,700	20,000	<250	--	--	--	--	--	--	--	--	--	--
MW-9	11/3/1999		166.20	19.58	--	146.62	72,000	--	700	780	1,900	19,000	<5.0	--	--	--	--	--	--	--	--	--	--
MW-9	3/1/2000		166.20	13.19	--	153.01	34,000	--	78	490	1,100	8,200	63	--	--	--	--	--	--	--	--	--	--
MW-9	4/21/2000		166.20	14.29	--	151.91	55,000	--	260	920	1,500	16,000	<5.0	--	--	--	--	--	--	--	--	--	--
MW-9	7/31/2000		166.20	15.01	--	151.19	1,200,000	--	1,500	6,300	15,000	120,000	1,600	--	--	--	--	--	--	--	--	--	--
MW-9	11/20/2000		166.20	18.23	--	147.97	320,000	--	3,500	19,000	5,000	40,000	3,900	--	--	--	--	--	--	--	--	--	--
MW-9	2/18/2001		166.20	13.14	--	153.06	32,000	--	290	417	1,180	10,400	121	--	--	--	--	--	--	--	--	--	--
MW-9	6/7/2001		166.20	17.41	--	148.79	96,000	--	421	704	2,330	17,300	223	--	--	--	--	--	--	--	--	--	--
MW-9	9/5/2001		166.20	20.56	--	145.64	39,000	--	445	323	1,240	8,940	310	--	--	--	--	--	--	--	--	--	--
MW-9	11/30/2001		166.20	17.42	--	148.78	60,000	--	310	586	1,890	14,200	285	--	--	--	--	--	--	--	--	--	--
MW-9	2/20/2002		166.20	13.87	--	152.33	14,000	--	64	122	897	2,650	293	--	--	--	--	--	--	--	--	--	--
MW-9	6/20/2002		166.20	18.22	--	147.98	29,000	--	307	168	1,100	5,670	208	--	--	--	--	--	--	--	--	--	--
MW-9	9/11/2002		166.20	20.27	--	145.93	230,000	--	1,400	680	3,600	23,000	<2,500	--	--	--	--	--	--	--	--	--	--
MW-9	11/12/2002		166.20	19.40	--	146.80	840	--	5.8	3.6	28	160	21	--	--	--	--	--	--	--	--	--	--
MW-9	1/29/2003		166.20	14.30	0.10	151.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/22/2003		166.20	15.16	--	151.04	23,000	--	420	<50	1,000	2,900	<50	38	<0.50	<50	<50	<0.50	<50	<100	--	--	--
MW-9	7/28/2003		166.20	19.55	0.01	146.65	1,500,000	--	<500	<500	9,800	79,000	<500	<20,000	<500	<500	<500	<500	<500	<100,000	--	--	--
MW-9	8/12/2003		166.20	19.60	0.01	146.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/12/2003		166.20	19.60	0.01	146.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/18/2003		166.20	18.98	0.01	147.22	19,000	--	250	18	690	2,400	45	<400	--	<10	<10	<10	<10	<2,000	--	--	--
MW-9	2/23/2004		166.20	13.91	0.01	152.29	91,000	--	<250	440	2,200	13,000	<250	<10,000	<250	<250	<250	<250	<250	<50,000	--	--	--
MW-9	5/4/2004		166.20	18.11	0.01	148.09	39,000	--	230	44	1,100	4,200	<25	<1,000	<25	<25	<25	<25	<25	<5,000	--	--	--
MW-9	8/4/2004		166.20	18.90	0.03	147.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/22/2004		166.20	19.69	--	146.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/10/2004		166.20	16.95	--	149.25	31,000	--	300	<50	1,100	3,800	<50	<2,000	<50	<50	<50	<50	<50	<10,000	--	--	--
MW-9	2/15/2005		166.20	12.95	--	153.25	19,000	--	200	<50	720	2,000	<50	<2,000	<50	<50	<50	<50	<50	<10,000	--	--	--
MW-9	5/16/2005		166.20	12.53	--	153.67	17,000	--	99	15	770	2,500	<10	4.4	<10	<10	<10	<10	<10	<2,000	--	--	--
MW-9	8/17/2005		166.20	18.03	--	148.17	28,000	--	160	26	1,000	2,700	<12	<500	<12	<12	<12	<12	<12	<2,500	--	--	--
MW-9	11/18/2005		166.20	19.04	--	147.16	12,000	--	98	<5.0	410	510	19	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<1,000	--	--	--
MW-9	2/7/2006		166.20	10.95	(Sheen)	155.25	18,000	--	110	8.7	770	1,500	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	5.4	<3,000	--	--	--
MW-9	8/23/2006		166.20	18.91	--	147.29	28,000	--	84	<50	1,600	6,200	<50	<2,000	<50	<50	<50	<50	<50	<30,000	--	--	--
MW-9	11/15/2006		166.20	18.60	--	147.60	8,200	--	44	<25	1,900	370	26	<1,000	<25	<25	<25	<25	<25	<15,000	0.92	--	--
MW-9	2/14/2007		166.20	13.30	--	152.90	20,000	--	64	<25	720	2,000	<25	<1,000	<25	<25	<25	<25	<25	<15,000	0.87	--	--
MW-9	5/22/2007		166.20	16.14	(Sheen)	150.06	16,000	--	80	<25	460	1,200	<25	<1,000	<25	<25	<25	<25	<25	<15,000	0.81	--	--
MW-9	8/15/2007		166.20	19.31	(Sheen)	146.89	5,900	--	27	<2.5	59	170	27	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<1,500	2.57	--	--
MW-9	11/8/2007		166.20	18.70	--	147.50	6,100	--	29	<5.0	98	250	52	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<3,000	1.24	--	--
MW-9	2/20/2008		166.20	12.79	0.03	153.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/7/2008		166.20	17.68	0.03	148.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/20/2008		166.20	19.75																			

Table 2
 Historical Groundwater Monitoring and Analytical Data
 CA-11132
 3201 35th Avenue, Oakland, CA 94619

Well ID	Date	Type	TOC (ft msl)	DTW (ft btoc)	Measured LNAPL Thickness (ft)	GW Elev (ft msl)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	EDB (µg/L)	TAME (µg/L)	Ethanol (µg/L)	DO (mg/L)	Naphthalene (µg/L)	Notes
MW-9	2/6/2012		166.20	15.52	--	150.68	4,200	--	14	<2.5	49	22	<2.5	<20	<2.5	<2.5	<2.5	<2.5(*)	<2.5	<1,300	--	--	(P)
MW-9	8/21/2012		166.20	18.79	--	147.41	4,200	--	22	<2.5	42	21	<2.5	<20	<2.5	<2.5	<2.5	<2.5	<2.5	<1,300	--	--	
MW-9	2/4/2013		166.20	14.16	--	152.04	4,100	--	4.8	<2.5	34	13	<2.5	<20	<2.5	<2.5	<2.5	<2.5	<2.5	<1,300	--	--	
MW-9	8/1/2013		166.20	19.16	--	147.04	5,500	--	4.8	<2.5	36	21	<2.5	<50	<2.5	<2.5	<2.5	<2.5	<2.5	<1,300	--	--	
MW-9	2/27/2014		166.20	16.27	--	149.93	6,300	--	9.1	<2.5	36	11	<2.5	<50	<2.5	<2.5	<2.5	<2.5	<2.5	<1,300	--	--	
MW-9	8/27/2014		166.20	18.94	--	147.26	5,400	--	8.5	<2.5	41	6.3	<2.5	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2,500	0.20	17	(HC odor)
MW-9	3/27/2015		166.20	16.42	--	149.78	6,500	--	7.8	<2.5	38	5.6	<2.5	<100	<2.5	<2.5	<2.5	<2.5	<2.5	<2,500	1.96	--	
MW-10	3/7/1991		167.01	18.09	--	148.92	1.6	--	120	190	32	230	--	--	--	--	--	--	--	--	--	--	
MW-10	4/1/1991		167.01	13.92	--	153.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	6/27/1991		--	--	--	--	12,000	--	7,300	500	150	300	--	--	--	--	--	--	--	--	--	--	
MW-10	9/27/1991		--	--	--	--	57	--	12,000	7,200	1,400	4,600	--	--	--	--	--	--	--	--	--	--	
MW-10	12/18/1991		--	--	--	--	5.3	--	2,500	120	36	79	--	--	--	--	--	--	--	--	--	--	
MW-10	7/3/1992		167.01	19.92	--	147.09	8,600	--	5,100	1,300	180	690	--	--	--	--	--	--	--	--	--	--	
MW-10	10/5/1992		167.01	21.92	--	145.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	1/13/1993		167.01	14.43	--	152.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	4/23/1993		167.01	15.26	--	151.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	7/12/1993		167.01	19.78	--	147.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/21/1993		167.01	22.90	--	144.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	1/21/1994		167.01	20.25	--	146.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	4/20/1994		167.01	20.74	--	146.27	100,000	--	12,000	24,000	2,400	14,000	1,577	--	--	--	--	--	--	--	1.00	--	
MW-10	8/1/1994		167.01	22.00	--	145.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/23/1994		167.01	16.08	--	150.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	1/26/1995		167.01	13.68	--	153.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	6/8/1995		167.01	19.08	--	147.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	8/22/1995		167.01	20.73	--	146.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/27/1995		167.01	21.69	--	145.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	1/25/1996		167.01	15.05	--	151.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	4/19/1996		167.01	16.26	--	150.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	7/23/1996		167.01	20.18	--	146.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	11/11/1996		167.01	21.20	--	145.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	1/21/1997		167.01	13.66	--	153.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	4/29/1997		167.01	18.71	--	148.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	4/30/1997		--	--	--	--	170,000	--	9,700	38,000	4,700	30,500	<5,000	--	--	--	--	--	--	--	5.60	--	
MW-10	8/21/1997		167.01	20.19	--	146.82	170,000	--	9,500	35,000	4,300	27,100	<5,000	--	--	--	--	--	--	--	5.30	--	
MW-10	11/5/1997		167.01	20.52	--	146.49	80,000	--	3,800	12,000	2,700	15,700	<500	--	--	--	--	--	--	--	4.40	--	
MW-10	2/3/1998		167.01	10.62	--	156.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	2/4/1998		--	--	--	--	72,000	--	500	1,300	1,700	12,000	<1,000	--	--	--	--	--	--	--	5.10	--	
MW-10	5/28/1998		167.01	15.46	--	151.55	220,000	--	3,200	24,000	5,200	43,000	<1,000	--	--	--	--	--	--	--	4.80	--	
MW-10	12/30/1998		167.01	16.65	--	150.36	110,000	--	3,500	14,000	5,800	50,000	<50	--	--	--	--	--	--	--	--	--	
MW-10	2/2/1999		167.01	14.58	--	152.43	74,000	--	1,000	2,800	1,000	26,000	860	--	--	--	--	--	--	--	--	--	
MW-10	5/10/1999		167.01	15.72	--	151.29	81,000	--	2,800	2,800	3,000	17,000	220	--	--	--	--	--	--	--	--	--	
MW-10	8/24/1999		167.01	19.85	--	147.16	54,000	--	3,500	3,800	1,500	9,100	<250	--	--	--	--	--	--	--	--	--	
MW-10	11/3/1999		167.01	20.00	--	147.01	30,000	--	3,000	3,500	1,200	5,000	31	--	--	--	--	--	--	--	--	--	
MW-10	3/1/2000		167.01	14.62	--	152.39	62,000	--	320	1,200	1,100	26,000	4,400	--	--	--	--	--	--	--	--	--	
MW-10	4/21/2000		167.01	15.46	--	151.55	88,000	--	2,700	7,400	3,700	35,000	2,400	--	--	--	--	--	--	--	--	--	
MW-10	11/20/2000		167.01	18.74	--	148.27	78,000	--	3,800	5,500	2,800	13,000	450	--	--	--	--	--	--	--	--	--	
MW-10	2/18/2001		167.01	14.10	--	152.91	39,000	--	1,050	1,160	1,550	14,700	4,180	--	--	--	--	--	--	--	--	--	
MW-10	6/7/2001		167.01	18.78	--	148.23	76,000	--	2,460	2,840	3,330	20,700	635	--	--	--	--	--	--	--	--	--	
MW-10	9/5/2001		167.01	21.40	0.01	145.60	25,000	--	2,510	2,070	1,090	4,540	189	--	--	--	--	--	--	--	--	--	
MW-10	11/30/2001		167.01	18.50	--	148.51	100,000	--	2,480	5,720	3,890	22,800	325	--	--	--	--	--	--	--	--	--	
MW-10	2/20/2002		167.01	14.39	--	152.62	49,000	--	2,170	3,070	1,960	12,300	1,090	--	--	--	--	--	--	--	--	--	
MW-10	6/20/2002		167.01	18.80	--	148.21	44,000	--	2,040	3,050	1,690	8,430	224	--	--	--	--	--	--	--	--	--	
MW-10	9/11/2002		167.01	20.52	--	146.49	28,000	--	1,200	2,700	1,400	6,800	<250	--	--	--	--	--	--	--	--	--	
MW-10	11/12/2002		167.01	20.37	0.07	146.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	1/29/2003		167.01	16.33	0.03	150.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	5/22/2003		167.01	16.32	--	150.69	13,000	--	2,100	850	630	1,600	300	<2,000	--	<50	<50	--	<50	<10,000	--	--	
MW-10	6/24/2003		167.01	18.73	0.04	148.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	7/28/2003		167.01	20.39	0.04	146.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	8/12/2003		167.01	20.43	0.01	146.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	9/12/2003		167.01	20.41	--	146.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	11/18/2003		167.01	19.55	0.01	147.46	9,900	--	2,200	530	320	860	<50	<2,000	--	<50	<50	--	<50	<10,000	--	--	
MW-10	2/23/2004		167.01	15.45	0.01	151.56	46,000	--	1,900	2,000	1,800	9,000	180	<4,000	<100	<100	<100	<100	<100	<20,000	--	--	
MW-10	5/4/2004		167.01	18.81	0.01	148.20	35,000	--	3,100	3,600	1,400	5,600	<25	<1,000	<25	<25	<25	<25	<25	<5,000	--	--	
MW-10	8/4/2004		167.01	18.90	--	148.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	9/22/2004		167.01	20.60	--	146.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	11/10/2004		167.01	17.95	--	149.06	9,800	--	470	91	450	1,700	230	<1,000	<25	<25	<25	<25	<25	<5,000	--	--	
MW-10	1/13/2005		167.01	12.21	--	154.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	2/15/2005		167.01	14.19	--	152.82	30,000	--	510	330	1,800	7,200	77	<2,000	<50	<50	<50	<50	<50	<10,000	--	--	
MW-10	5/16/2005		167.01	13.85	--	153.16	37,000	--	5														

Table 2
Historical Groundwater Monitoring and Analytical Data
CA-11132
3201 35th Avenue, Oakland, CA 94619

Well ID	Date	Type	TOC (ft msl)	DTW (ft btoc)	Measured LNAPL Thickness (ft)	GW Elev (ft msl)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	EDB (µg/L)	TAME (µg/L)	Ethanol (µg/L)	DO (mg/L)	Naphthalene (µg/L)	Notes		
RW-1	2/23/2004		168.01	14.35	0.01	153.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	5/4/2004		168.01	19.58	0.02	148.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	8/4/2004		168.01	22.05	0.05	146.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	9/22/2004		168.01	21.28	0.06	146.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	11/10/2004		168.01	18.56	0.02	149.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	1/13/2005		168.01	12.51	0.01	155.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	2/15/2005		168.01	15.24	0.03	152.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	3/7/2005		168.01	11.90	0.02	156.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	5/16/2005		168.01	14.39	0.02	153.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	8/17/2005		168.01	19.91	0.03	148.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	11/18/2005		168.01	20.36	0.07	147.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	2/7/2006		168.01	12.87	0.01	155.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	5/19/2006		168.01	15.87	0.04	152.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	8/23/2006		168.01	20.50	0.07	147.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	11/15/2006		168.01	20.52	0.07	147.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	2/14/2007		168.01	15.44	0.04	152.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	5/22/2007		168.01	17.78	--	150.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	8/15/2007		168.01	20.80	0.02	147.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	11/8/2007		168.01	20.32	0.01	147.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	2/20/2008		168.01	14.55	0.02	153.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	8/20/2008		168.01	21.34	0.02	146.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	11/17/2008		168.01	20.41	--	147.60	13,000	--	120	<20	590	320	120	<400	<20	<20	<20	<20	<20	<20	<12,000	--	--		
RW-1	2/25/2009		168.01	13.40	0.02	154.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	4/8/2009		168.01	16.45	--	151.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	5/28/2009		168.01	17.88	0.01	150.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	6/16/2009		168.01	19.30	0.01	148.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	8/6/2009		168.01	20.72	0.01	147.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
RW-1	3/4/2010		168.01	12.33	--	155.68	8,000	--	20	<2.5	230	140	110	45	<2.5	<2.5	<2.5	<2.5	<2.5	5.7	<500	1.24	--	(P)	
RW-1	9/2/2010		168.01	20.14	--	147.87	4,700	--	18	<2.5	78	46	<2.5	<20	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<500	--	--	(NP)
RW-1	3/15/2011		168.01	13.03	--	154.98	7,000	--	3.7	<2.5	44	31	6.7	<20	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1,200	--	--	(P)
RW-1	8/17/2011		168.01	18.60	--	149.41	2,800	--	7.5	<2.5	12	10	8.8	<20	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1,300	--	--	(P)
RW-1	2/6/2012		168.01	16.81	--	151.20	1,300	--	3.1	<2.5	5.2	5.1	2.9	<20	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1,300	--	--	(P)
RW-1	8/21/2012		168.01	20.06	--	147.95	1,200	--	10	0.58	10	5.2	15	<4.0	<0.50	<0.50	<0.50	<0.50	<0.50	1	<250	--	--	(P)	
RW-1	2/4/2013		168.01	16.36	--	151.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RW-1	8/1/2013		168.01	20.50	0.01	147.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
RW-1	2/27/2014		168.01	17.66	--	150.35	800	--	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<250	--	--		
RW-1	8/27/2014		168.01	20.35	--	147.66	2,800	--	5.9	1.7	12	5.2	6.7	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<500	0.22	6.8	--	(HC odor, t)	
RW-1	3/27/2015		168.01	17.57	--	150.44	970	--	0.98	<0.5	0.91	1.5	0.74	<20	<0.5	<0.5	<0.5	<0.5	<0.5	<500	2.35	--	--	(HC odor)	

Table 2
Historical Groundwater Monitoring and Analytical Data
CA-11132
3201 35th Avenue, Oakland, CA 94619

Well ID	Date	Type	TOC (ft msl)	DTW (ft btoc)	Measured LNAPL Thickness (ft)	GW Elev (ft msl)	GRO (µg/L)	DRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	1,2-DCA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	EDB (µg/L)	TAME (µg/L)	Ethanol (µg/L)	DO (mg/L)	Naphthalene (µg/L)	Notes
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Notes:

TOC = Top of casing (surveyed)
DTW = Depth to water
LNAPL = Light non-aqueous phase liquid (LPH)
GW Elev = Groundwater elevation
ft btoc = Feet below top of casing
ft msl = Feet relative to mean sea level
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tert-butyl ether
TBA = tert-butyl alcohol
1,2-DCA = 1,2-dichloroethane
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
EDB = 1,2-dibromoethane
TAME = tert-Amyl methyl ether
DO = Dissolved oxygen
DUP = Duplicate sample
LPH = Liquid Petroleum Hydrocarbons
-- = Not analyzed/applicable/measured/available
< = Not detected at or above specified laboratory reporting limit
mg/L = Milligrams per liter
µg/L = Micrograms per liter
NP = Well not purged prior to sampling
P = Well purged prior to sampling
HC odor = Hydrocarbon odor detected during sampling
b = Groundwater elevation adjusted assuming a specific gravity of 0.75 for free product
j = Well not sampled due to presence of LPH and nature of the product
t = Sheen in well
y = Sample dilution was done with headspace in the sample vial; the samples were originally analyzed from VOAs without headspace
* = LCS or LCS D exceeds the control limits
Beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list; TPHg was changed to GRO; the resulting data may be impacted by the potential of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported.
Beginning in the Second Quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.
Values for DO were obtained through field measurements.
GRO analysis was completed by EPA method 8260B (C4-C12) for samples collected from the time period April 2006 through February 4, 2008; the analysis for GRO was changed to EPA method 8015B (C6-C12) for samples collected from the time period February 5, 2008 through August 6, 2009 and EPA method 8260B (C6-C12) from March 4, 2010 to the present.
The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants; Broadbent & Associates, Inc. has not verified the accuracy of this information.

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
FORMER EXXON SERVICE STATION 70234,
3450 35TH AVENUE, OAKLAND, CALIFORNIA

Well Number	Date	Elevation TOC (feet)	Depth to Water (feet below TOC)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8260B (µg/l)	Total Pb (µg/L)	Organic Pb (mg/L)
MW1	SCREEN INTERVAL (feet bgs) 25-45												
MW1	07/15/92	---	Well installed.										
MW1	07/17/92	192.00	33.02	158.98	0.00	67	6.6	6.9	2.0	4.5	---	17	---
MW1	10/22/92	192.00	34.07	157.93	0.00	<50	2.9	<0.5	<0.5	<0.5	---	16	---
MW1	02/04/93	192.00	29.43	162.57	0.00	<50	0.8	<0.5	<0.5	<0.5	---	4	---
MW1	05/03/93	192.00	29.72	162.28	0.00	71	2.8	7.2	2.2	22	---	40	---
MW1	07/30/93	192.00	32.95	159.05	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	5	---
MW1	10/19/93	192.00	34.34	157.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	12	---
MW1	02/23/94	192.00	31.72	160.28	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	4	---
MW1	06/06/94	192.00	31.77	160.23	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3	---
MW1	08/18/94	192.00	33.76	158.24	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	130	---
MW1	11/15/94	192.00	34.08	157.92	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3.0	<100
MW1	02/06/95	192.00	28.50	163.50	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	---	---
MW1	05/10/95	192.00	29.30	162.70	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	---	---
MW1	09/20/99	192.00	33.30	158.70	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<75	<50
MW1	Well destroyed in June 2000.												
MW2	SCREEN INTERVAL (feet bgs) 25-45												
MW2	07/15/92	---	Well installed.										
MW2	07/17/92	194.85	34.65	160.20	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3	---
MW2	10/22/92	194.85	35.64	159.21	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	--	---
MW2	02/04/93	194.85	31.13	163.72	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3	---
MW2	05/03/93	194.85	31.08	163.77	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	3	---
MW2	07/30/93	194.85	34.34	160.51	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	14	---
MW2	10/19/93	194.85	36.00	158.85	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3	---
MW2	02/23/94	194.85	33.92	160.93	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3	---
MW2	06/06/94	194.85	33.50	161.35	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3	---
MW2	08/18/94	194.85	35.38	159.47	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3.0	---
MW2	11/15/94	194.85	35.93	158.92	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3.0	<100
MW2	02/06/95	194.85	30.38	164.47	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	---	---
MW2	05/10/95	194.85	30.77	164.08	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	---	---
MW2	09/20/99	194.85	35.15	159.70	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<75	<0.5
MW2	Well destroyed in June 2000.												
MW3	SCREEN INTERVAL (feet bgs) 25-45												
MW3	07/15/92	---	Well installed.										
MW3	07/17/92	196.90	37.24	159.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	50	---
MW3	10/22/92	196.90	35.95	160.95	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	9	---
MW3	02/04/93	196.90	29.85	167.05	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3	---
MW3	05/03/93	196.90	29.87	167.03	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	3	---
MW3	07/30/93	196.90	33.85	163.05	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	22	---

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
FORMER EXXON SERVICE STATION 70234,
3450 35TH AVENUE, OAKLAND, CALIFORNIA

Well Number	Date	Elevation TOC (feet)	Depth to Water (feet below TOC)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8260B (µg/l)	Total Pb (µg/L)	Organic Pb (mg/L)
MW3	10/19/93	196.90	35.89	161.01	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	12	---
MW3	02/23/94	196.90	32.88	164.02	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	25	---
MW3	06/06/94	196.90	32.40	164.50	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3	---
MW3	08/18/94	196.90	35.07	161.83	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3.0	---
MW3	11/15/94	196.90	35.97	160.93	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	<3.0	<100
MW3	02/06/95	196.90	28.39	168.51	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	---	---
MW3	05/10/95	196.90	28.90	168.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	---	---	---
MW3	09/20/99	196.90	34.68	162.22	0.00	75.0	<0.5	11.5	1.8	18.0	1.87	<75	<0.5
MW3	Well destroyed in June 2000.												
MW4	SCREEN INTERVAL (feet bgs) 35-45												
MW4	03/02/09	---	Well installed.										
MW4	03/30/09	197.62	30.94	166.68	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW4	04/02/09	197.62	Well surveyed.										
MW4	05/28/09	197.62	32.00	165.62	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW4	08/31/09	197.62	35.43	162.19	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW4	12/11/09	197.62	35.01	162.61	0.00	<50	<0.50	0.83	<0.50	1.1	<0.50	---	---
MW4	05/07/10	197.62	29.11	168.51	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW4	11/01/10	197.62	34.95	162.67	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW4	05/27/11 a	197.62	30.65	166.97	0.00	---	---	---	---	---	---	---	---
MW4	11/23/11	197.62	33.49	164.13	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW4	05/24/12	197.62	30.02	167.60	0.00	58	0.84	4.4	0.64c	3.5	<0.50	---	---
MW4	10/31/12	197.62	35.14	162.48	0.00	110	5.3	45	4.2	21	<0.50	---	---
MW4	05/02/13 e	197.62	32.03	165.59	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW4	11/09/13	197.62	36.53	161.09	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW4	05/12/14 a	197.62	33.51	164.11	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW4	11/19/14 a	197.62	36.96	160.66	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW4	05/13/15 a	197.62	34.01	163.61	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW5	SCREEN INTERVAL (feet bgs) 30-40												
MW5	03/06/09	---	Well installed.										
MW5	03/30/09	196.35	30.05	166.30	0.00	4,200	540	140	<12	310	1,900	---	---
MW5	04/02/09	196.35	Well surveyed.										
MW5	05/28/09	196.35	31.45	164.90	0.00	5,300	890	150	<25	140	3,600	---	---
MW5	08/31/09	196.35	34.70	161.65	0.00	5,800	550	<100	<100	<100	3,500	---	---
MW5	12/11/09	196.35	34.52	161.83	0.00	4,000b	230	<100	<100	<100	3,800	---	---
MW5	05/07/10	196.35	30.84	165.51	0.00	2,700b	73	5.3	3.6	6.5	1,700	---	---
MW5	11/01/10	196.35	33.93	162.42	0.00	2,400b	320	71	21	40	3,400	---	---
MW5	05/27/11 a	196.35	31.65	164.70	0.00	---	---	---	---	---	---	---	---
MW5	11/23/11	196.35	32.58	163.77	0.00	1,900b	72	2.7	3.1	8.1	3,200	---	---
MW5	05/24/12	196.35	30.26	166.09	0.00	2,900b	54	31	5.2	17	1,700	---	---

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
FORMER EXXON SERVICE STATION 70234,
3450 35TH AVENUE, OAKLAND, CALIFORNIA

Well Number	Date	Elevation TOC (feet)	Depth to Water (feet below TOC)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8260B (µg/l)	Total Pb (µg/L)	Organic Pb (mg/L)
MW5	10/31/12	196.35	33.94	162.41	0.00	2,200b	220	72	8.7	47	2,700	---	---
MW5	05/02/13	c 196.35	31.33	165.02	0.00	2,200b	61	<0.50	3.8	7.9	1,300	---	---
MW5	11/09/13	196.35	35.69	160.66	0.00	1,300b	120	<5.0	<5.0	8.8	370	---	---
MW5	05/12/14	a 196.35	32.64	163.71	0.00	1,200	120	<5.0	<5.0	<5.0	490	---	---
MW5	11/19/14	a 196.35	36.05	160.30	0.00	1,400 HD	140	2.0 J	<2.5	4.7	120	---	---
MW5	05/13/15	a 196.35	33.31	163.04	0.00	1,100 HD	74	<2.5	<2.5	2.7	310	---	---
MW6	SCREEN INTERVAL (feet bgs) 29-39												
MW6	03/09/09	---	Well installed.										
MW6	03/30/09	192.41	26.94	165.47	0.00	2,800	0.91	<0.50	<0.50	<0.50	4,800	---	---
MW6	04/02/09	192.41	Well surveyed.										
MW6	05/28/09	192.41	28.04	164.37	0.00	2,800	<100	<100	<100	<100	6,000	---	---
MW6	08/31/09	192.41	30.57	161.84	0.00	4,900	<100	<100	<100	<100	6,600	---	---
MW6	12/11/09	192.41	30.78	161.63	0.00	4,900b	<100	<100	<100	<100	6,200	---	---
MW6	05/07/10	192.41	25.42	166.99	0.00	2,900b	2.7	<0.50	0.74c	<1.0	3,700	---	---
MW6	11/01/10	192.41	30.68	161.73	0.00	850b	2.1	<0.50	<0.50	<1.0	6,100	---	---
MW6	05/27/11	a 192.41	27.07	165.34	0.00	---	---	---	---	---	---	---	---
MW6	11/23/11	192.41	29.25	163.16	0.00	1,600b	<0.50	<0.50	<0.50	<1.0	6,400	---	---
MW6	05/24/12	192.41	26.36	166.05	0.00	2,000b	1.3c	9.7	0.97c	5.5	3,400	---	---
MW6	10/31/12	192.41	30.74	161.67	0.00	1,400b	3.8	28	2.2	11	5,400	---	---
MW6	05/02/13	192.41	27.91	164.50	0.00	1,900b	<0.50	<0.50	<0.50	<0.50	2,600	---	---
MW6	11/09/13	192.41	32.15	160.26	0.00	3,600b	<40	<40	<40	<40	4,800	---	---
MW6	05/12/14	a 192.41	29.28	163.13	0.00	190 HD	<5.0	<5.0	<5.0	<5.0	280	---	---
MW6	11/19/14	a 192.41	32.49	159.92	0.00	420 HD	<10	<10	<10	<10	530	---	---
MW6	05/13/15	a 192.41	29.81	162.60	0.00	200 HD	<10	<10	<10	<10	26	---	---
MW7	SCREEN INTERVAL (feet bgs) 30-40												
MW7	03/09/09	---	Well installed.										
MW7	03/30/09	194.34	29.15	165.19	0.00	55	<0.50	<0.50	<0.50	<0.50	66	---	---
MW7	04/02/09	194.34	Well surveyed.										
MW7	05/28/09	194.34	30.16	164.18	0.00	50	<1.0	<1.0	<1.0	<1.0	67	---	---
MW7	08/31/09	194.34	33.31	161.03	0.00	<50	<0.50	0.60	<0.50	<0.50	12	---	---
MW7	12/11/09	194.34	32.71	161.63	0.00	<50	0.78	1.7	0.62	2.4	31	---	---
MW7	05/07/10	194.34	27.54	166.80	0.00	510b	<0.50	<0.50	<0.50	<1.0	700	---	---
MW7	11/01/10	194.34	32.82	161.52	0.00	68b	<0.50	<0.50	<0.50	<1.0	140	---	---
MW7	05/27/11	a 194.34	28.85	165.49	0.00	---	---	---	---	---	---	---	---
MW7	11/23/11	194.34	31.39	162.95	0.00	190b	<0.50	<0.50	<0.50	<1.0	300	---	---
MW7	05/24/12	a 194.34	28.31	166.03	0.00	---	---	---	---	---	---	---	---
MW7	10/31/12	194.34	32.86	161.48	0.00	230b	2.9	21	1.8	9.2	290	---	---
MW7	05/02/13	194.34	29.93	164.41	0.00	570b	<0.50	<0.50	<0.50	<0.50	790	---	---
MW7	11/09/13	194.34	34.23	160.11	0.00	370b	<10	<10	<10	<10	460	---	---

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
FORMER EXXON SERVICE STATION 70234,
3450 35TH AVENUE, OAKLAND, CALIFORNIA

Well Number	Date		Elevation TOC (feet)	Depth to Water (feet below TOC)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8260B (µg/l)	Total Pb (µg/L)	Organic Pb (mg/L)
MW7	05/12/14	a	194.34	31.33	163.01	0.00	310 HD	<10	<10	<10	<10	980	---	---
MW7	11/19/14	a	194.34	34.31	160.03	0.00	400 HD	<12	<12	<12	<12	660	---	---
MW7	05/13/15	a	194.34	31.65	162.69	0.00	660 HD	<20	<20	<20	<20	870	---	---
MW8	SCREEN INTERVAL (feet bgs) 30-40													
MW8	03/04/09		---	Well installed.										
MW8	03/30/09		192.96	27.35	165.61	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW8	04/02/09		192.96	Well surveyed.										
MW8	05/28/09		192.96	28.72	164.24	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW8	08/31/09		192.96	31.93	161.03	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW8	12/11/09		192.96	31.24	161.72	0.00	<50	0.74	1.6	0.59	2.3	<0.50	---	---
MW8	05/07/10		192.96	25.68	167.28	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW8	11/01/10		192.96	31.18	161.78	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW8	05/27/11		192.96	27.55	165.41	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW8	11/23/11		192.96	29.74	163.22	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW8	05/24/12		192.96	26.93	166.03	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW8	10/31/12		192.96	31.35	161.61	0.00	75	2.5	19	1.7	8.7	<0.50	---	---
MW8	05/02/13		192.96	28.44	164.52	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW8	11/09/13		192.96	32.89	160.07	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW8	05/12/14	a	192.96	30.27	162.69	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW8	11/19/14	a	192.96	33.16	159.80	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW8	05/13/15	a	192.96	30.35	162.61	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW9	SCREEN INTERVAL (feet bgs) 30-40													
MW9	03/05/09		---	Well installed.										
MW9	03/30/09		195.16	28.31	166.85	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW9	04/02/09		195.16	Well surveyed.										
MW9	05/28/09		195.16	29.69	165.47	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW9	08/31/09		195.16	33.20	161.96	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW9	12/11/09		195.16	32.62	162.54	0.00	<50	0.73	1.7	0.54	2.2	<0.50	---	---
MW9	05/07/10		195.16	26.59	168.57	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW9	11/01/10		195.16	32.45	162.71	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW9	05/27/11		195.16	29.62	165.54	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW9	11/23/11		195.16	30.56	164.60	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW9	05/24/12		195.16	27.94	167.22	0.00	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---
MW9	10/31/12		195.16	32.66	162.50	0.00	140	6.9	38	2.7	13	<0.50	---	---
MW9	05/02/13		195.16	29.58	165.58	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW9	11/09/13		195.16	Well inaccessible.										
MW9	05/12/14	b	195.16	Well inaccessible.										
MW9	11/19/14	a	195.16	34.60	160.56	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
MW9	05/13/15	a	195.16	31.66	163.50	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
FORMER EXXON SERVICE STATION 70234,
3450 35TH AVENUE, OAKLAND, CALIFORNIA

Well Number	Date	Elevation TOC (feet)	Depth to Water (feet below TOC)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8260B (µg/l)	Total Pb (µg/L)	Organic Pb (mg/L)
RW1	SCREEN INTERVAL (feet bgs) 29-39.5												
RW1	12/22/11	---	Well installed.										
RW1	12/30/11	195.15	Well surveyed.										
RW1	05/24/12	195.15	28.55	166.60	0.00	5,500b	920	5.9c	51	14	2,500	---	---
RW1	10/31/12	a 195.15	---	---	---	---	---	---	---	---	---	---	---
RW1	05/02/13	c 195.15	30.27	164.88	0.00	4,300b	1,200	<2.5	41	14	2,300	---	---
RW1	11/09/13	195.15	34.64	160.51	0.00	810b	210	<10	<10	<10	520	---	---
RW1	05/12/14	a 195.15	31.54	163.61	0.00	830 HD	450	<10	13	<10	490	---	---
RW1	11/19/14	a 195.15	34.94	160.21	0.00	910 HD	450	<10	<10	<10	590	---	---
RW1	05/13/15	a 195.15	32.26	162.89	0.00	1,300 HD	560	<5.0	8.1	2.4 JA	480	---	---
Grab Groundwater Samples													
Pit Water	06/14/02	---	---	---	---	5,600	140	840	100	530	12,000	---	---
UST Pit	06/19/02	---	---	---	---	680	2.7	36	18	130	640	---	---
W-38-B11	11/14/07	---	---	---	---	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---
W-15-B12	11/13/07	---	---	---	---	8,400	67	<5.0	140	150	78	---	---
W-40-B13	11/12/07	---	---	---	---	<50	<0.50	<0.50	<0.50	<0.50	0.53	---	---
W-15-B14	11/13/07	---	---	---	---	2,500	1.7	3.0	26	13	16	---	---
W-38-B15	11/15/07	---	---	---	---	18,000	3,400	2,500	330	2,000	12,000	---	---
W-40-B16	11/15/07	---	---	---	---	<50	<0.50	<0.50	<0.50	<0.50	7.7	---	---
W-37-B17	11/13/07	---	---	---	---	630	1.8	<0.50	4.1	1.4	2,200	---	---
W-38-B18	11/12/07	---	---	---	---	4,300	52	<12	56	96	1,400	---	---
W-35-B19	03/03/09	---	---	---	---	4,400	<0.50	<0.50	<0.50	<1.0	7,100	---	---
W-35-B20	03/03/09	---	---	---	---	640	<0.50	<0.50	<0.50	<1.0	440	---	---
W-35-B21	03/03/09	---	---	---	---	<50	<0.50	<0.50	<0.50	<1.0	1.4	---	---
TOC	Top of casing.					bgs	Below ground surface.						
LPH	Liquid-phase hydrocarbons.					µg/L	Micrograms per liter.						
TPH-g	Total Petroleum Hydrocarbons as gasoline.					--	Not sampled or not analyzed.						
MTBE	Methyl tertiary butyl ether.					NA	Not available.						
NM	Not measured.					NC	Not calculated.						
Total Pb	Total lead analyzed using EPA Method 6010.												
Organic Pb	Organic lead analyzed using CA DHS LUFT method.												
a	Well purged prior to sampling.												

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
 FORMER EXXON SERVICE STATION 70234,
 3450 35TH AVENUE, OAKLAND, CALIFORNIA

Well Number	Date	Elevation TOC (feet)	Depth to Water (feet below TOC)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8260B (µg/l)	Total Pb (µg/L)	Organic Pb (mg/L)
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- b Well inaccessible.
- c Well sampled the following day.
- HD Chromat. profile inconsistent with the ref. fuel stnds.
- J Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
- JA Analyte positively identified but quantitation is an estimate.

Notes: Data prior to 1999 provided by EA Engineering, Science, and Technology. Data prior to 2013 provided by Cardno ERI.