ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

October 3, 2014

Unocal Corporation / Phillips 66
c/o: Ed Ralston
76 Broadway Street
Sacramento, CA 95818
ed.c.ralston@66.com

GAWFCO Enterprises
c/o: Mike Ahamdi
587 Ygnacio Valley Rd.
Walnut Creek, CA 94596-3801
Mike@Gawfco.com

ConocoPhillips
c/o: Terry L. Grayson
76 Broadway Street
Sacramento, CA 95818
Terry.L.Grayson@contractor.conocophillips.com

Chevron EMC / Union Oil of California
c/o: Tim Bishop
6101 Bollinger Canyon Rd.
San Ramon, CA 94583
TimBishop@chevron.com

Suncor Holdings COP II LLC
c/o: Keith Marks
11601 Wilshire Blvd. # 700
Los Angeles, CA 90025

Subject: Case Closure for Fuel Leak Case No. RO0000482 (Global ID T0600101883), Unocal # 7176 (currently: 76 Station), 7850 Amador Valley Blvd., Dublin, CA 94568

Dear Responsible Parties:

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

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

If you have any questions, please call Matthew Soby at (510) 567-6725. Thank you.

Sincerely,

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

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

Cc w/enc.:

Cherie McCaulou, San Francisco Bay Regional Water Quality Control Board, Region 2. 1515 Clay Street, Suite 1400, Oakland, CA 94612 (*Sent via E-mail cmccaulou@waterboards.ca.gov*)

Colleen Winey (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551 (*Sent via E-mail to*: *cwiney@zone7water.com)*

Kwablah Attiogbe, Alameda County Public Works Agency, 399 Elmhurst Street, Hayward, CA 94544 *(Sent via e-mail to: kwablah@acpwa.org)*

Sandra Rivera, Alameda County Planning Dept., Community Development Agency, 224 West Winton Ave, Room 111, Hayward, CA 94544 *(Sent via e-mail to sandra.rivera@acgov.org)*

Jeff Baker, Asst. Community Development Director, Planning Division, City of Dublin, 100 Civic Plaza, Dublin, CA 94568 (*Sent via e-mail to jeff.baker@dublin.ca.gov*)

Katherine Brandt, ARCADIS, U.S., Inc., 2000 Powell Street, 7th Floor, Emeryville, CA 94608 (*Sent via e-mail to: Katherine.Brandt@arcadis-us.com)*

Case Worker (*Sent via e-mail to: matthew.soby@acgov.org*)

e-File, GeoTracker

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

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

REMEDIAL ACTION COMPLETION CERTIFICATION

October 3, 2014

Unocal Corporation / Phillips 66
c/o: Ed Ralston
76 Broadway Street
Sacramento, CA 95818
ed.c.ralston@66.com

GAWFCO Enterprises
c/o: Mike Ahamdi
587 Ygnacio Valley Rd.
Walnut Creek, CA 94596-3801
Mike@Gawfco.com

ConocoPhillips
c/o: Terry L. Grayson
76 Broadway Street
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Chevron EMC / Union Oil of California
c/o: Tim Bishop
6101 Bollinger Canyon Rd.
San Ramon, CA 94583
TimBishop@chevron.com

Suncor Holdings COP II LLC
c/o: Keith Marks
11601 Wilshire Blvd. # 700
Los Angeles, CA 90025

Subject: Case Closure for Fuel Leak Case No. RO0000482 (Global ID T0600101883), Unocal # 7176 (currently: 76 Station), 7850 Amador Valley Blvd., Dublin, CA 94568

Dear Responsible Parties:

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

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

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

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

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

Sincerely,

Ariu Levi
Director

UST Case Closure Summary Form

Agency Information Date: October 3, 2014

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: 510-567-6725
Staff Person: Matthew Soby	Title: Hazardous Materials Technician

Case Information

Facility Name: Unocal # 7176 (currently: 76 Station)		
Facility Address: 7850 Amador Valley Blvd., Dublin, CA 94568		
RB LUSTIS Case No: ----	Local Case No.: ----	LOP Case No.: RO0000482
URF Filing Date: ----	GeoTracker Global ID: T0600101883	
APN: 941-305-3	Current Land Use: Active Fueling Station	
Responsible Party(s):	Address:	Phone:
Unocal Corporation c/o: Ed Ralston	**2000 Crow Canyon Pl. #400 San Ramon, CA 94583**	**----**
GAWFCO Enterprises c/o: Mike Ahamdi	**587 Ygnacio Valley Rd. Walnut Creek, CA 94596-3801**	**925-979-0560**
ConocoPhillips c/o: Terry L. Grayson	**76 Broadway Street Sacramento, CA 95818**	**916-558-7666**
Chevron EMC / Union Oil of California c/o: Tim Bishop	**6101 Bollinger Canyon Rd. San Ramon, CA 94583**	**925-790-6463**
Suncor Holdings COP II LLC c/o: Keith Marks	**11601 Wilshire Blvd., # 700 Los Angeles, CA 90025**	**----**

Tank Information

Tank No.	Size (gallons)	Contents	Closed in-Place/ Removed/Active	Date
----	280	Waste oil	Removed	November 1994
----	10,000	Regular gasoline	Removed	November 1994
----	10,000	Mid-grade gasoline	Removed	November 1994
----	10,000	Super-unleaded gasoline	Removed	November 1994
----	10,000	Diesel	Removed	November 1994

LTCP Groundwater Specific Criteria (Attachment 1, 3 pages)

LTCP Vapor Specific Criteria (Attachment 2, 2 pages)

LTCP Direct Contact and Outdoor Air Exposure Criteria (Attachment 3, 2 pages)

Conceptual Site Model (Attachment 4, 2 pages) (GeoTracker CSM Report)

Closure Criteria Met (Attachment 5, 1 page) (GeoTracker LTCP Checklist)

Site maps, concentration isocontours, geologic cross sections (Attachment 6, 17 pages)

Analytical Data (Attachment 7, 66 pages)

Soil Boring Logs (Attachment 8, 18 pages)

Additional Information:

Water Supply Wells in Vicinity:

Historically, groundwater flow direction is towards the southeast to south-southeast. A water well and sensitive receptor survey dated July 24, 2007 noted the closest water supply well was located approximately 0.4 miles southwest cross-gradient of the site (potentially identified by the Zone 7 water agency as well number 3S/1W 2K 8).

Zone 7 water agency has identified one additional water supply well (3S/1W 2H33) located approximately 750 feet west, up-gradient of the site. Due to the predominantly south-east groundwater flow direction, ACEH does not consider this supply well to be a sensitive receptor.

Per GeoTracker's Groundwater Ambient Monitoring & Assessment (GAMA), there is a cluster of 128 groundwater environmental monitoring wells located approximately 1,800 feet southeast down-gradient of the site. Additionally, there are 3 (three) water supply wells owned by the USGS California Water Science Center located approximately 2,000 feet northeast up- to cross-gradient of the site.

Per GeoTracker, there are zero (0) California Dept. of Public Health (CDPH) supply wells within one-half mile of the site.

Site Management Requirements:

This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board (SWRCB) Low-Threat Underground Storage Tank Closure Policy (LTCP).

Due to residual contamination, this case is closed with Site Management Requirements that limit future land use to the current commercial land use as an active fueling station**.** If a change in land use to any residential, or conservative land use, or if any redevelopment occurs, Alameda County Environmental health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans.

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

UST Case Closure Summary Form

RWQCB Notification Notification Date: November 19, 2013

RWQCB Staff Name: Cherie McCaulou	Title: Engineering Geologist

Local Agency Representative

Prepared by: Matthew Soby	Title: Hazardous Materials Technician
Signature:	Date: 10/3/2014
Approved by: Dilan Roe	Title: LOP and SCP Program Manager
Signature:	Date: 10/3/2014

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

ATTACHMENT 1

Attachment 1

LTCP GROUNDWATER SPECIFIC CRITERIA					
LTCP Groundwater Specific Scenario under which case was closed: **Scenario 2.**					
Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3 Criteria	LTCP Scenario 4 Criteria
Plume Length	< 250 feet	<100 feet	<250 feet	<250 feet	<1,000 feet
Free Product	No free product.	No free product	No free product	Removed to maximum extent practicable	No free product
Plume Stable or Decreasing	Decreasing	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing
Distance to Nearest Water Supply Well	Supply well 2,000 feet south-west and cross-gradient [a].	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	> 1,000 feet (Alamo Canal, approximately 4,000 feet down-gradient, southeast)	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	Not Applicable	Not applicable	Not applicable	Yes	Not applicable
GROUNDWATER CONCENTRATIONS					

Attachment 1

Constituent	Historic Site Maximum (ug/L)	Current Site Maximum (ug/L)	LTCP Scenario 1 Criteria (ug/L)	LTCP Scenario 2 Criteria (ug/L)	LTCP Scenario 3 Criteria (ug/L)	LTCP Scenario 4 Criteria (ug/L)
Benzene	1,500 (well U-1 on 7/8/1995)	< 0.50 (all wells on 2/22/2013)	No criteria	3,000	No criteria	1,000
MTBE	195 (well U-1 on 9/30/1999)	< 0.50 (all wells on 2/22/2013)	No criteria	1,000	No criteria	1,000
TPH-g	39,000 (well U-1 on 7/8/1995); 24,000 (well U-2 on 10/12/1995)	2,100 (well U-1 on 2/22/2013); 510 (well U-2 on 2/22/2013)	----	----	----	----
TPH-d [b]	9,400 (well U-1 on 7/8/1995); 8,600 (well U-2 on 1/11/1996)	560 (well U-1 on 2/22/2013); 150 (well U-2 on 2/22/2013)				
Scenario 5: If the site does not meet scenarios 1 through 4, has a <u>determination been made</u> that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?					N/A	

COMMENTS:

Off-site and down-gradient well MW-5 groundwater concentrations have been non-detect for total petroleum hydrocarbons as gasoline (TPH-g) since January 2005 and total petroleum hydrocarbons as diesel (TPH-d) since January 2006. On-site and cross--gradient well U-3 groundwater concentrations have been non-detect for total petroleum hydrocarbons as gasoline (TPH-g) since July 2005 and total petroleum hydrocarbons as diesel (TPH-d) since July 2004. Benzene has been non-detect above RLs since July 1998 (well MW-5) and since April 1996 (well U-3). Methyl-tertiary-butyl-ether (MTBE) has been non-detect above RLs since July 2005 (well MW-5), and has never been detected in well U-3 since April 1999, when monitoring for this well commenced.

TPH-d concentrations from off-site and down-gradient well MW-4 have been non-detect to slightly over laboratory RLs since January 2003. Latest groundwater data for TPH-g (January 2011) shows concentrations (120 ug/L) are above water quality objectives (100 ug/L San Francisco Regional Water Quality Control Board Environmental Screening Levels) but appear stable since July 2005 based on concentration trends. Additionally, water supply wells and ecological receptors lie outside of the LTCP separation distance criteria for a maximum plume length of less than 250 feet.

[a] Groundwater flow direction is predominantly south-east since groundwater monitoring began in 1995. Therefore, supply well 3S/1W 2K 8 only was considered as a sensitive receptor for the LTCP Scenario determination.

[b] Results of the January 2010 CPT investigation show that TPH-d was detected in groundwater at concentrations of 61 ug/L from 22-24 feet bgs (first water bearing zone) and 96 ug/L from 50-54 feet bgs (second water bearing zone) from soil bore CPT-1. Concentrations of TPH-d in soil (and all other analytes) were not reported above their laboratory reporting limits. Soil PID readings are consistent with these laboratory analytical data where the maximum PID reading was 35.8 parts-per-million (ppm) at 20 feet bgs while all other PID readings were below 1 ppm. Monitoring wells are screened from 10-30 feet bgs (U-1, U-2, U-3) and 10-25 feet bgs (MW-4, MW-5) in the first water bearing zone. Wells MW-4 and MW-5 are located down-gradient while well U-3 is cross-gradient of CPT-1. TPH-d concentrations in MW-4 have stabilized between less than 100 ug/L to non-detect since July 2005; TPH-d concentrations in MW-5 have stabilized between less than 100 ug/L to non-detect since January 1999 (with one anomalous detection of 220 ug/L in July 2005); TPH-d concentrations in U-3 have stabilized between less than 100 ug/L to non-detect since April 1996 (with one anomalous detection of 1,500 ug/L in July 2002). Concentrations of TPH-d in source-zone wells U-1 and U-2 have decreased one order of magnitude since 2008 and 2002, respectively, indicating stabilization and attenuation of the source mass. Therefore, while second water bearing zone TPH-d concentrations were analyzed once at CPT-1, this concentration will likely decrease over time due to natural attenuation as the leaking tanks have been replaced and the secondary source in soil and groundwater are decreasing. Additionally: 1) Both concentrations of TPH-d in CPT-1 are below the 100 ug/L ESL criteria (SF Bay RWCQB, Table F-1a (groundwater is a current or potential drinking water resource) and Table F-2a (fresh water habitat)); 2) Water supply wells and surface water receptors are outside the LTCP exclusion distance.

ATTACHMENT 2

Attachment 2

LTCP VAPOR SPECIFIC CRITERIA							
LTCP Vapor Specific Scenario under which case was closed: **Active fueling station exempt from vapor specific criteria.**							
Active Fueling Station	Active as of: Currently Active as of case closure date.						
Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered LNAPL	No LNAPL	LNAPL in groundwater	LNAPL in soil	No LNAPL	No LNAPL	No LNAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	≥5 feet (max. thickness of 8 feet) [a, b]	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Soil in Bioattenuation Zone	<100 mg/kg to 8 feet bgs [b]	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg
Maximum Current Benzene Concentration in Groundwater	< 0.50 ug/L	No criteria	No criteria	<100 ug/L	≥100 and <1,000 ug/L	<1,000 ug/L	No criteria
Oxygen Data within Bioattenuation Zone	No oxygen data	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	----	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS						
Site Soil Vapor Data			No Bioattenuation Zone		Bioattenuation Zone	
Constituent	Historic Maximum ($\mu g/m^3$)	Current Maximum ($\mu g/m^3$)	Residential	Commercial	Residential	Commercial
Benzene	----	----	<85	<280	<85,000	<280,000
Ethylbenzene	----	----	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	----	----	<93	<310	<93,000	<310,000
If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?			N/A			

If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health?	N/A

COMMENTS:

[a] Depth to groundwater has historically fluctuated from approximately 11 feet below top of case (bTOC) (at well MW-5 in 1998) to 19 feet bTOC (at well U-3 in 2008 and 2010). Vadose zone thickness is one data point used in conjunction with soil TPH concentrations to ascertain bio-attenuation zone thickness.

[b] Soil TPH concentrations: In the 0-5 feet below ground surface (bgs) zone, maximum TPH is 3.1 mg/kg at 3.5 feet bgs at boring UT-3. In the 5-10 feet bgs zone, TPH detections above 100 mg/kg are: 180 mg/kg at 8 feet bgs at boring UT-9, and 152 mg/kg at 8 feet bgs at boring UT-9. The majority of soil with TPH concentrations above 100 mg/kg are either over-excavated or lie below 11 feet bgs.

Adjoining off-site sensitive receptors near the site are commercial retail businesses. As measured from the estimated lateral terminus of the impacted soil (utilizing the TPH concentration isocontours of 100 mg/kg) and the benzene-impacted groundwater plume (currently not detected above laboratory reporting limits of 0.50 ug/L), the nearest off-site receptors are approximately: 135 feet north, 50 feet south, 130 feet east, and 150 feet west. Soil and groundwater concentrations and distribution indicate off-site receptors lie outside the exclusion distance for vapor intrusion to indoor air.

ATTACHMENT 3

Attachment 3

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA						
LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: **Maximum concentrations of petroleum hydrocarbons are less than or equal to those in Table 1 below.**						
Are maximum concentrations less than those in Table 1 below?				**Yes**		
Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 10 feet bgs (mg/kg)
Site Maximum	Benzene	0.017	0.10	0.017	0.10	0.10
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	0.097	0.84	0.097	0.84	0.84
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene [a]	<0.250	<0.250	<0.250	<0.250	<0.250
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs [a]	<0.250	<0.250	<0.250	<0.250	<0.250
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5
If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment?				N/A		
If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?				N/A		

COMMENTS:

The site is nearly 100% paved, save for minor landscaping in the northeast corner, therefore there is little or no potential for direct human contact with site soils or for off-site wind dispersion of soils. Construction/utility workers could be at-risk during excavation, with proper personal protective equipment and planning, exposure to impacted soils can be controlled.

The site is for commercial purposes (active fueling station, commercial retail businesses adjacent) and redevelopment to residential use is not anticipated.

Majority of impacted soil was excavated in 1994 during the UST replacement activities, thereby reducing exposure to impacted soils. The diesel tank area was over-excavated to approximately 14 feet bgs. The gasoline tank area was over-excavated to approximately 20 feet bgs. The waste oil tank was over-excavated to approximately 8 feet bgs. Lastly, the product piping was over-excavated to depths ranging from 8 to 19.5 feet bgs. Remaining hydrocarbon-impacted soils exceeding Table 1 concentrations lie below the LTCP criteria of 10 feet bgs. Approximately 1,862 tons of hydrocarbon-impacted soils were excavated.

Residual hydrocarbon-impacted soil was re-assessed during a limited Phase II site assessment in 2004 where four soil bores were advanced to 16 feet bgs and soil samples were collected (groundwater was

encountered at depths ranging from 15 to 17 feet bgs). Soil sample results indicated only TPH-d was present in SB-3, between the UST tank pit and the dispenser islands.

Hydrocarbon-impacted soil was again re-assessed in 2010 with the advancement of one soil bore to 63 feet bgs south-west of the former and current USTs, up-gradient of well MW-4, and adjacent to historical soil bores B-5 and B-6. Both soil bores B-5 and B-6 showed above-RL detections (but below LTCP Table 1 criteria concentrations) of TPH-d, TPH-g, and BTEX from 14.5 to 19.5 feet bgs during the 1995 preliminary soil investigation. CPT-1 soil samples were collected at 15, 20, 25, 30, 45, and 55 feet bgs. Petroleum hydrocarbons were not detected above laboratory RLs in any of the soil samples.

These soil data indicate that residual soil contamination is likely naturally degrading and contamination is not likely leaching to groundwater in mass quantities exceeding groundwater natural attenuation.

[a] Naphthalene and PAHs analyzed in soil excavated under the waste oil tank (sample UW-1 at 8 feet bgs) and the sand/water separator (sample UOW-1 at 6 feet bgs). Concentrations of naphthalene and PAHs were not detected above their laboratory reporting limits of 0.250 mg/kg. Additionally, TPH-g, TPH-d and BTEX concentrations were not detected above their laboratory reporting limits. These data indicate no release occurred from the waste oil tank or sand/water separator.

ATTACHMENT 4

CSM Report Go

UNOCAL #7176 (T0600101883) - MAP THIS SITE

OPEN - ELIGIBLE FOR CLOSURE

7850 AMADOR VALLEY BLVD
DUBLIN , CA 94568
ALAMEDA COUNTY

VIEW PRINTABLE CASE SUMMARY FOR THIS SITE

ACTIVITIES REPORT

PUBLIC WEBPAGE

CLEANUP OVERSIGHT AGENCIES

ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0000482*
CASEWORKER: *MATTHEW SOBY* - ***SUPERVISOR:*** *DILAN ROE*
SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 01-2038*
CASEWORKER: *Cherie McCaulou* - ***SUPERVISOR:*** *Cheryl L. Prowell*

CUF Claim #: 19066 **CUF Priority Assigned:** D **CUF Amount Paid:** $0

THIS PROJECT WAS LAST MODIFIED BY ***MATTHEW SOBY*** ON 9/10/2014 2:35:36 PM - HISTORY

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

CSM REPORT - VIEW PUBLIC NOTICING VERSION OF THIS REPORT

UST CLEANUP FUND CLAIM INFORMATION (DATA PULLED FROM SCUFIIS)

CLAIM NO	PRIORITY	CLAIMANT	SITE ADDRESS	AMT REIMB TO DATE	AGE OF LOC	IMPACTED WELLS?	FIVE YEAR REVIEW INFORMATION: REVIEW NUM	REVIEWER	FUND RECOMMENDATION	TO OVERSIGHT DATE	TO CLAIMANT DATE
19066	D	CONOCOPHILLIPS COMPANY 3900 KILROY AIRPORT WY #210, LONG BEACH CA 90806	7850 AMADOR VALLEY BLVD DUBLIN, CA 94568								

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

SITE NAME / ADDRESS	STATUS	STATUS DATE	RELEASE REPORT DATE	AGE OF CASE	CLEANUP OVERSIGHT AGENCIES
UNOCAL #7176 (Global ID: T0600101883) 7850 AMADOR VALLEY BLVD DUBLIN, CA 94568	Open - Eligible for Closure	4/17/2013	11/10/1994	20	ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0000482* ***CASEWORKER:*** *MATTHEW SOBY* - ***SUPERVISOR:*** *DILAN ROE* SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 01-2038* ***CASEWORKER:*** *Cherie McCaulou* - ***SUPERVISOR:*** *Cheryl L. Prowell*

STAFF NOTES (INTERNAL)
<NO STAFF NOTES ENTERED>

SITE HISTORY

In November 1994, one 280-gallon steel waste oil UST and four 10,000-gallon steel USTs, consisting of one regular, one mid-grade, one super-unleaded gasoline, and one diesel UST were replaced with two 12,000-gallon glasteel USTs. Following UST removal activities, soil sample analytical results detected elevated concentrations of total petroleum hydrocarbons (TPH) as diesel (d), gasoline (g), and benzene at concentrations of 9,100 mg/kg, 1,600 mg/kg, and 1.6 mg/kg, respectively. Groundwater monitoring wells installed at the site verified hydrocarbon contamination in groundwater. In 2007, a sensitive receptor survey was performed. Groundwater flow direction has been towards the southeast. The closest down-gradient well is a cathodic protection well 0.8 miles southeast and the closest domestic well is 0.4 miles southwest of the site. No other sensitive receptors were identified within a 1,000 foot radius.

Source area characterization was completed in 2010 with five CPT soil borings in the former source area. TPH-d was reported in groundwater at 61 ug/L and 94 ug/L collected from 22-24 ft bgs and 50-54 feet bgs, respectively. CPT-1 advanced near boring B-6 reported all COCs below laboratory RLs. Down-gradient off-site well MW-5 concentrations are reported below laboratory RLs since 2005. Down-gradient off-site well MW-4 concentrations are reported below laboratory RLs since 2009. Groundwater concentrations are concentrated in on-site wells U-1 (up-gradient) and U-2 (down-gradient) near the former USTs excavation.

RESPONSIBLE PARTIES

NAME	ORGANIZATION	ADDRESS	CITY	EMAIL
KEITH MARKS	SUNCOR HOLDINGS COP II LLC	11601 WILSHIRE BLVD #700	LOS ANGELES	
NA NA	GAWFCO ENTERPRISES INC	587 YGNACIO VALLEY RD	WALNUT CREEK	
ROYA KAMBIN	UNION OIL OF CA/CHEVRON ENVIR. MNGT. CO.	6101 BOLLINGER CANYON RD, FIFTH FLOOR	SACRAMENTO	
TERRY GRAYSON	CONOCOPHILLIPS	76 BROADWAY STREET	SACRAMENTO	

CLEANUP ACTION INFO

ACTION TYPE	BEGIN DATE	END DATE	PHASE	CONTAMINANT MASS REMOVED	DESCRIPTION
PUMP & TREAT (P&T) GROUNDWATER	11/8/1994	11/10/1994	Water		
EXCAVATION	11/8/1994	11/10/1994	Soil		EXCAVATE UST PIT, DISPOSE AT LANDFILL

RISK INFORMATION VIEW LTCP CHECKLIST VIEW PATH TO CLOSURE PLAN VIEW CASE REVIEWS

CONTAMINANTS OF CONCERN	CURRENT LAND USE	BENEFICIAL USE	DISCHARGE SOURCE	DATE REPORTED	STOP METHOD	NEARBY / IMPACTED WELLS
Gasoline	Commercial	GW - Municipal and Domestic Supply		11/10/1994	Close and Replace Tank	0

FREE PRODUCT	OTHER CONTITUENTS	NAME OF WATER SYSTEM	LAST REGULATORY ACTIVITY	LAST ESI UPLOAD	LAST EDF UPLOAD	EXPECTED CLOSURE DATE	MOST RECENT CLOSURE REQUEST
NO	NO		6/22/2014	6/25/2014	6/14/2013		11/20/2012

Dublin San Ramon
Services District

CDPH WELLS WITHIN 1500 FEET OF THIS SITE

NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN
941 030500300

GW BASIN NAME
Livermore Valley (2-10)

WATERSHED NAME
South Bay - Alameda Creek (20430)

COUNTY
Alameda

PUBLIC WATER SYSTEM(S)
- **DUBLIN SAN RAMON SERVICES DISTRICT** - 7051 DUBLIN BLVD., DUBLIN, CA 94568
- **ZONE 7 WATER AGENCY** - 100 N CANYON PKWY, LIVERMORE, CA 94551-948

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - HIDE VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
COMP B	1/8/2010		ND	ND	ND	ND	ND	ND
CPT-1	1/8/2010		ND	ND	ND	ND	ND	ND
MW-4	1/17/2011	120 UG/L	ND	ND	ND	ND	ND	ND
MW-5	2/22/2013	ND	ND	ND	ND	ND	ND	ND
QA	2/22/2013	ND	ND	ND	ND	ND	ND	
QCTB	4/1/2002		ND	ND	ND	ND	ND	
TB-LB	1/3/2002		ND	ND	ND	ND	ND	
U-1	2/22/2013	2100 UG/L	ND	ND	ND	ND	ND	ND
U-2	2/22/2013	510 UG/L	ND	ND	ND	ND	ND	ND
U-3	2/22/2013	ND	ND	ND	ND	ND	ND	ND

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - HIDE VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
COMP A	1/8/2010	ND	ND	ND	ND	ND	ND	ND
CPT-1	1/8/2010	ND	ND	ND	ND	ND	ND	ND

MOST RECENT GEO_WELL DATA - HIDE VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	DEPTH TO WATER (FT)	SHEEN	DEPTH TO FREE PRODUCT (FT)
MW-4	2/10/2012			
MW-5	2/22/2013	14.66	N	
U-1	2/22/2013	14.79	N	
U-2	2/22/2013	15.52	N	
U-3	2/22/2013	12.06	N	

LOGGED IN AS MATTSOBY CONTACT GEOTRACKER HELP

ATTACHMENT 5

LTCP Checklist Go

UNOCAL #7176 (T0600101883) - MAP THIS SITE — *OPEN - ELIGIBLE FOR CLOSURE*

7850 AMADOR VALLEY BLVD
DUBLIN , CA 94568
ALAMEDA COUNTY

VIEW PRINTABLE CASE SUMMARY FOR THIS SITE

ACTIVITIES REPORT
PUBLIC WEBPAGE

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0000482*
CASEWORKER: *MATTHEW SOBY* - ***SUPERVISOR:*** *DILAN ROE*
SAN FRANCISCO BAY RWQCB (REGION 2) - *CASE #: 01-2038*
CASEWORKER: *Cherie McCaulou* - ***SUPERVISOR:*** *Cheryl L. Prowell*

CUF Claim #: 19066 **CUF Priority Assigned:** D **CUF Amount Paid:** $0

THIS PROJECT WAS LAST MODIFIED BY ***MATTHEW SOBY*** ON 8/27/2014 1:34:32 PM - HISTORY

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

CLOSURE POLICY

THIS VERSION IS FINAL AS OF 6/26/2014 — *CHECKLIST INITIATED ON 4/17/2013* — CLOSURE POLICY HISTORY

General Criteria - *The site satisfies the policy general criteria* - CLEAR SECTION ANSWERS — **YES**

a. Is the unauthorized release located within the service area of a public water system? — ◉ YES ○ NO
Name of Water System : Dublin San Ramon Services District

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

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

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

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

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

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

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

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

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

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

1.2 - The contaminant plume that exceeds water quality objectives is <250 feet in length. There is no free product. The nearest existing water supply well or surface water body is >1,000 feet from the defined plume boundary. The dissolved concentration of benzene is <3,000 µg/L. The dissolved concentration of MTBE is <1,000 µg/L. — ◉ YES ○ NO

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

EXEMPTION - Active Commercial Petroleum Fueling Facility — ◉ **YES** ○ **NO**

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

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

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

3.1 - Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in the following table (LINK) for the specified depth below ground surface. — ◉ YES ○ NO

Additional Information

This case should be kept OPEN in spite of meeting policy criteria. — ○ YES ◉ NO

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

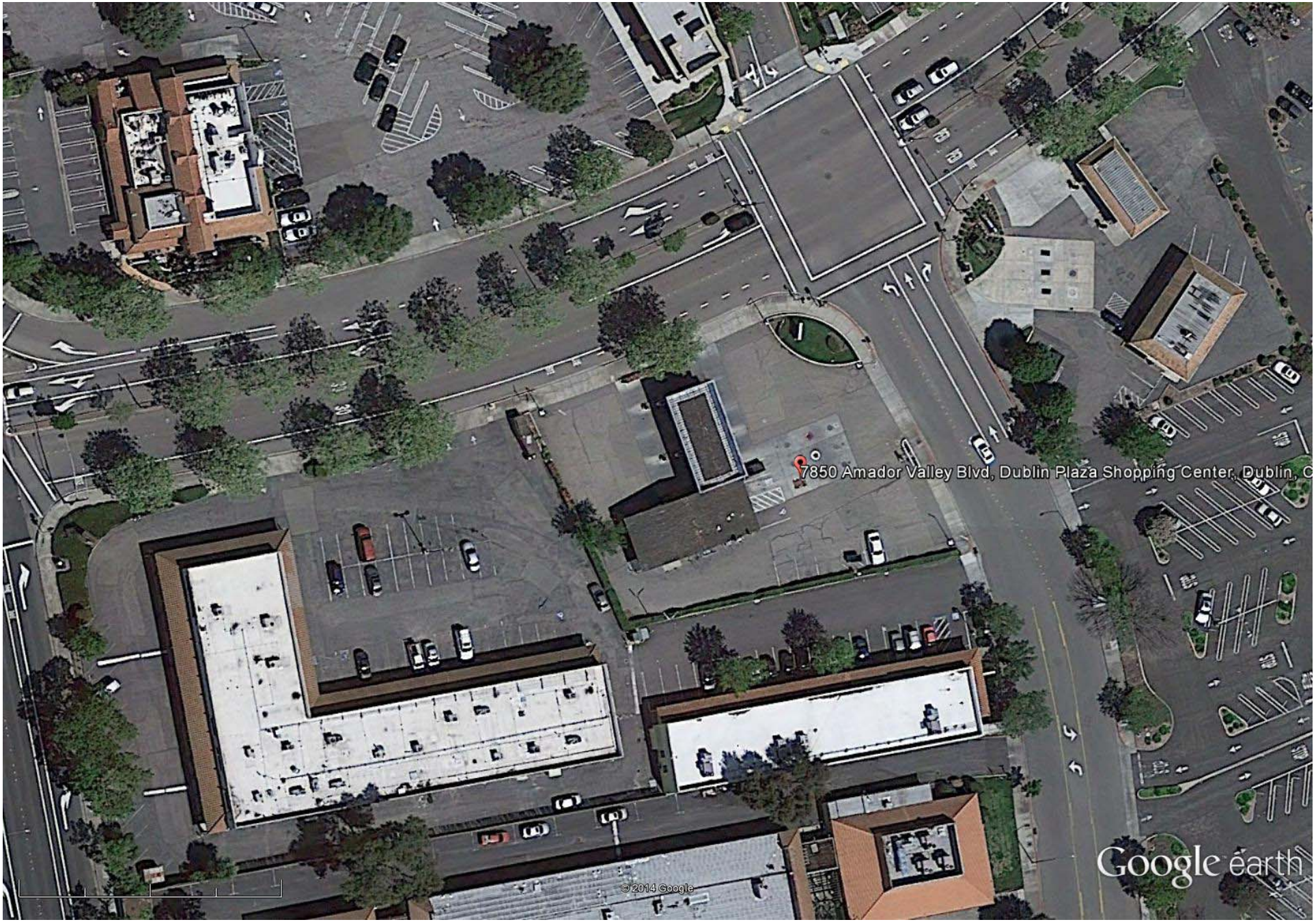
SPELL CHECK

Save Form as Partially Completed

LOGGED IN AS MATTSOBY

CONTACT GEOTRACKER HELP

ATTACHMENT 6



Google earth

feet 400
meters 100

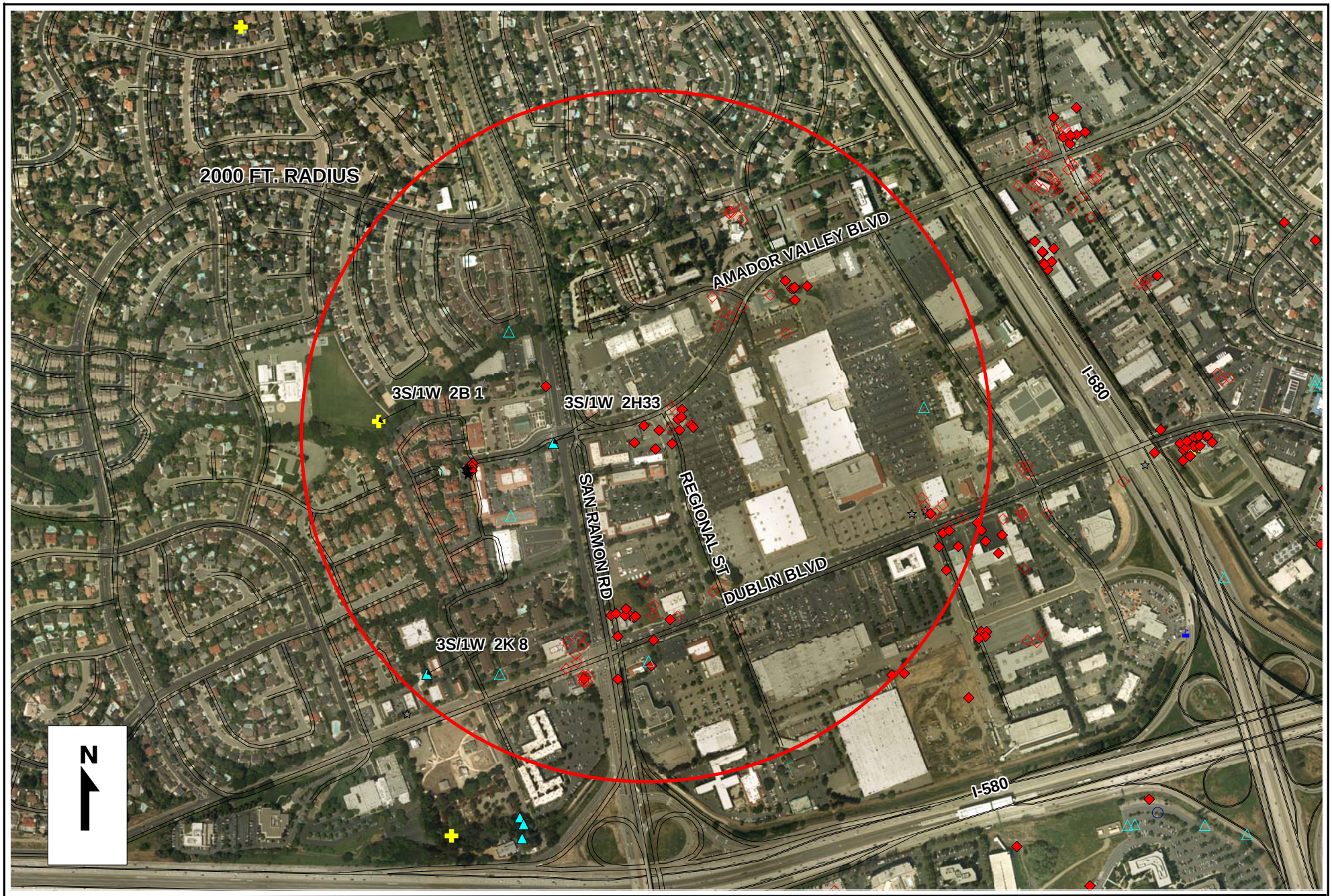
Image Date 04/2014

Google earth

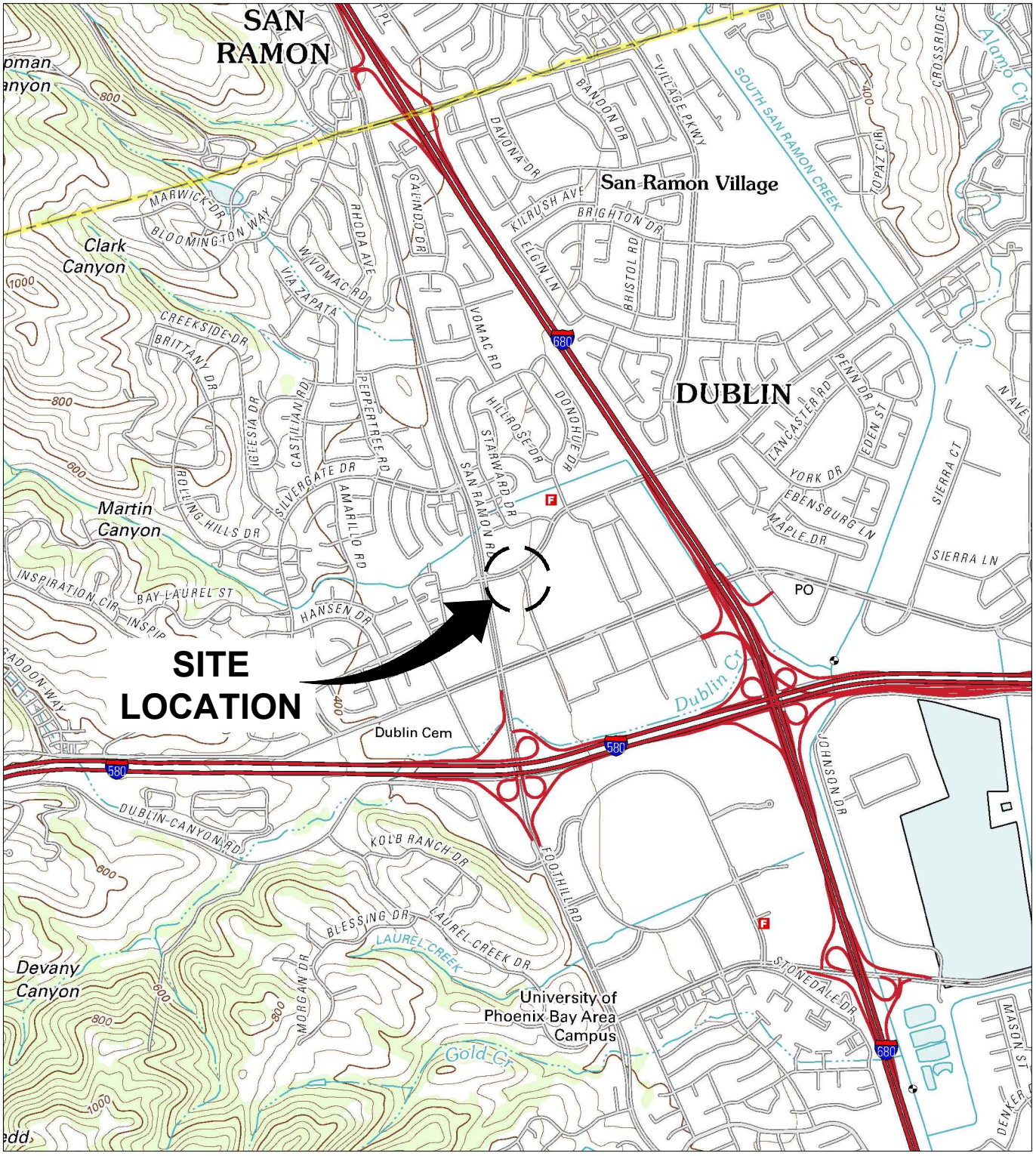
feet 10

meters 4

Image date 02/2014



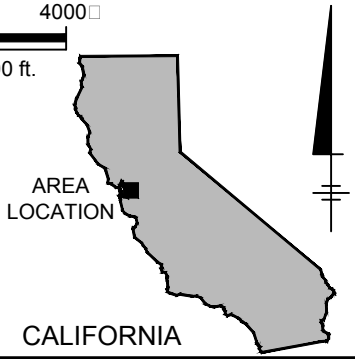
	ZONE 7 WATER AGENCY **100 NORTH CANYONS PARKWAY** **LIVERMORE, CA 94551**	**WELL LOCATION MAP**	**SCALE: 1"= 750 ft** **DATE: 9/22/14** **7988 Amador Valley Bl**



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., DUBLIN, CALIFORNIA, 2012.

0 2000 4000

A□r□i□ □te S□□e: 1 i□. □ 2000 ft.



UNION OIL COMPANY OF CALIFORNIA
76 SERVICE STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

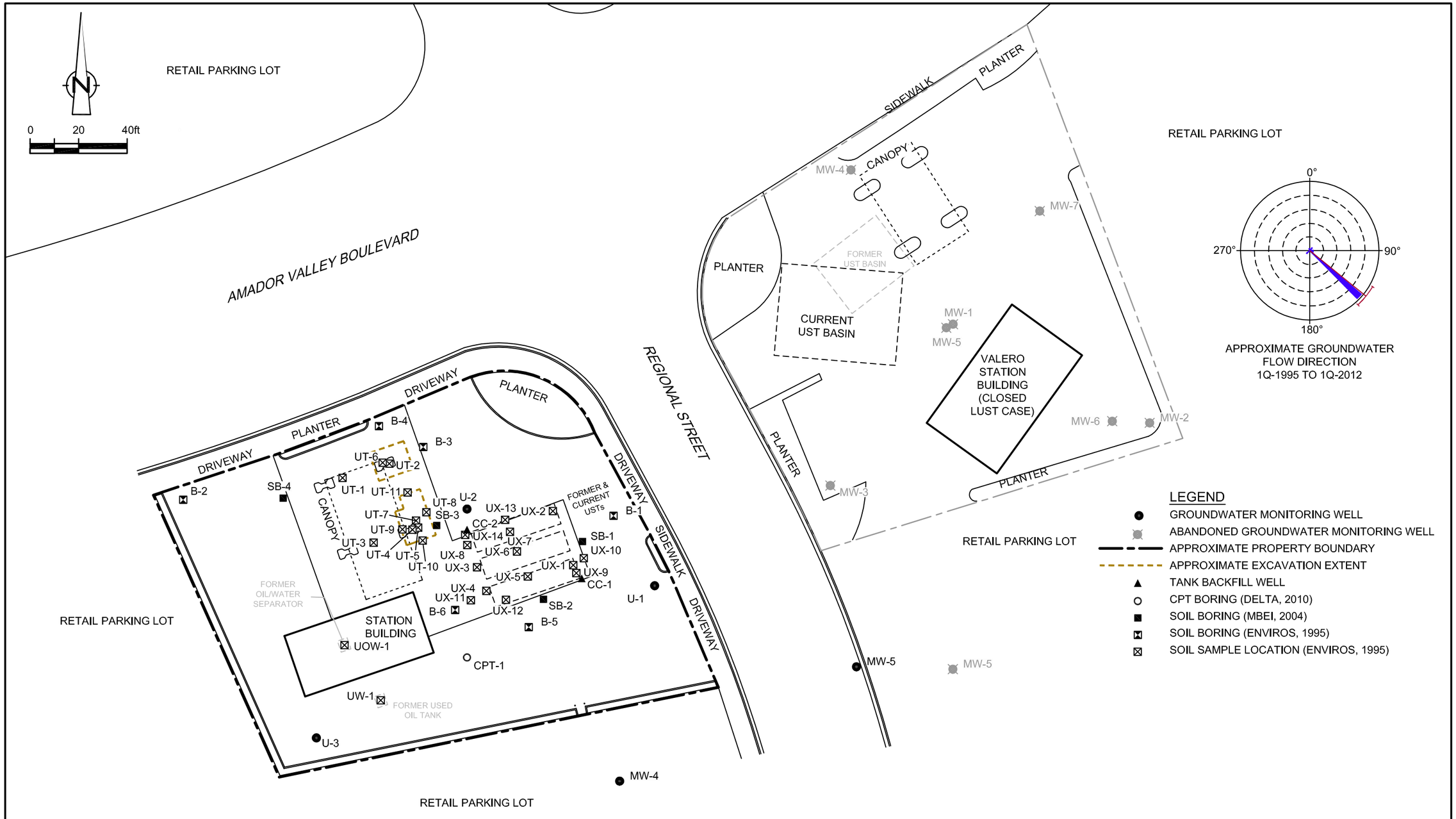
SITE LOCATION MAP

ARCADIS

FIGURE
1

CITY: PETALUMA, CA DIVGROUP: ENV DB: □ □ARRIS
C:U□er□□□mi□De□□□□ENVCAD B0047 44 2012 00002 DWG 47 44N01.□□g LAYOUT: 1 SAVED: 7/6/2012 1:24 PM ACADVER: 18.1S (LMS TEC□) PAGESETUP: SETUP1 PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: □/14/2012 11:27 AM BY: □ARRIS, □ESSICA

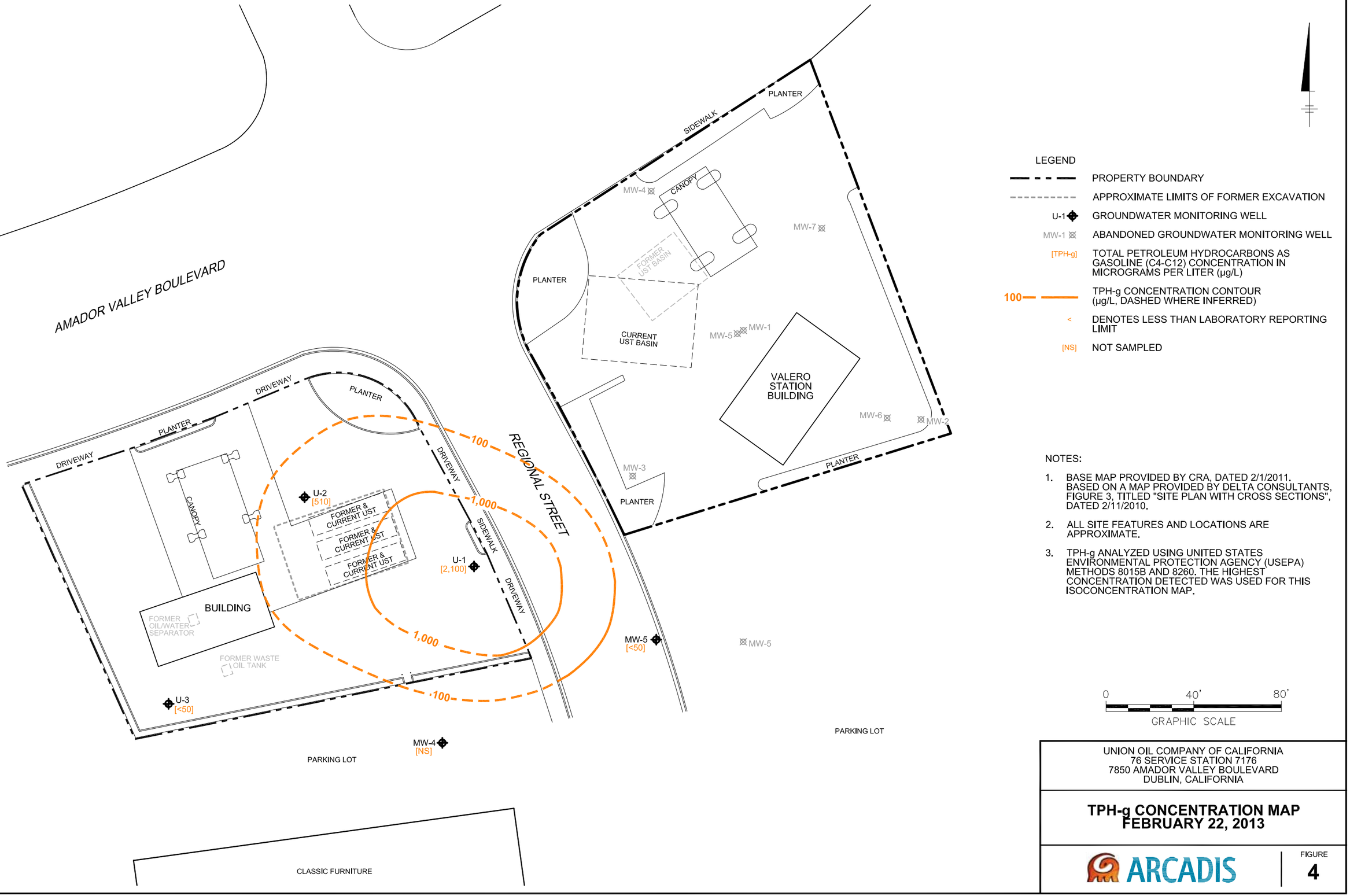
□REFS: IMAGES: PROJECTNAME: ---
Du□□□ 2012.□g



SOURCE: DELTA CONSULTANTS, FIGURE 3, SITE PLAN WITH CROSS SECTIONS, DATED 02/11/2010.

Figure 2

SITE PLAN
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD
Dublin, California



LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE LIMITS OF FORMER EXCAVATION
- U-1 GROUNDWATER MONITORING WELL
- MW-1 ABANDONED GROUNDWATER MONITORING WELL
- [TPH-g] TOTAL PETROLEUM HYDROCARBONS AS GASOLINE (C4-C12) CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- 100 TPH-g CONCENTRATION CONTOUR (µg/L, DASHED WHERE INFERRED)
- < DENOTES LESS THAN LABORATORY REPORTING LIMIT
- [NS] NOT SAMPLED

NOTES:

1. BASE MAP PROVIDED BY CRA, DATED 2/1/2011. BASED ON A MAP PROVIDED BY DELTA CONSULTANTS, FIGURE 3, TITLED "SITE PLAN WITH CROSS SECTIONS", DATED 2/11/2010.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. TPH-g ANALYZED USING UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (USEPA) METHODS 8015B AND 8260. THE HIGHEST CONCENTRATION DETECTED WAS USED FOR THIS ISOCONCENTRATION MAP.

0 40' 80'

GRAPHIC SCALE

UNION OIL COMPANY OF CALIFORNIA
76 SERVICE STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

TPH-g CONCENTRATION MAP
FEBRUARY 22, 2013

ARCADIS

FIGURE
4

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
G:\ENVCAD\Lakewood-CO\ACTB0047944\00002\DWG\DWGS\DWGS47944C03.dwg LAYOUT: 4 SAVED: 3/28/2013 3:44 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS-DEN.CTB PLOTTED: 3/28/2013 3:58 PM BY: HOEFER, MATTHEW
XREFS: 47944X01 IMAGES: PROJECTNAME: ---

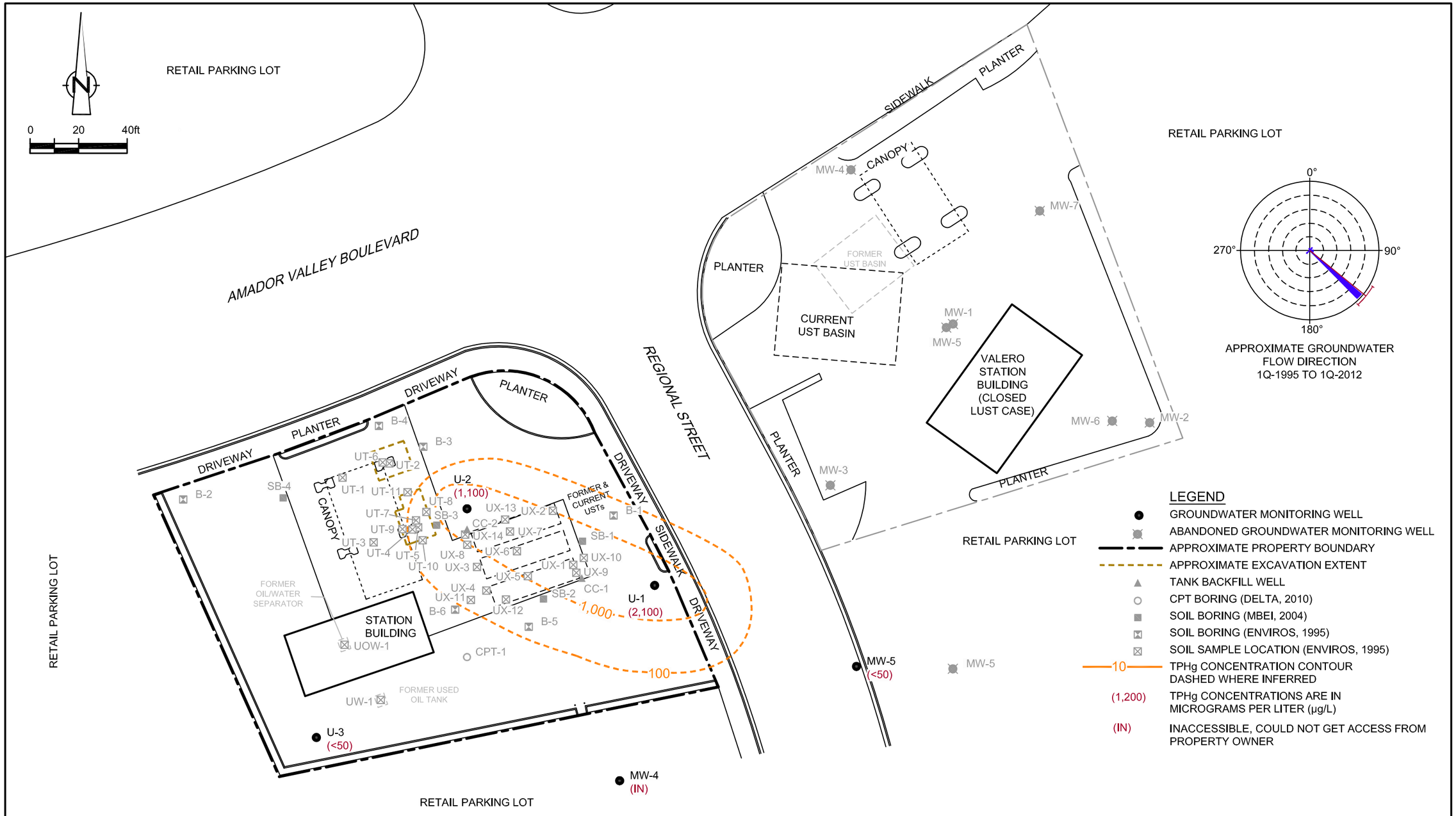
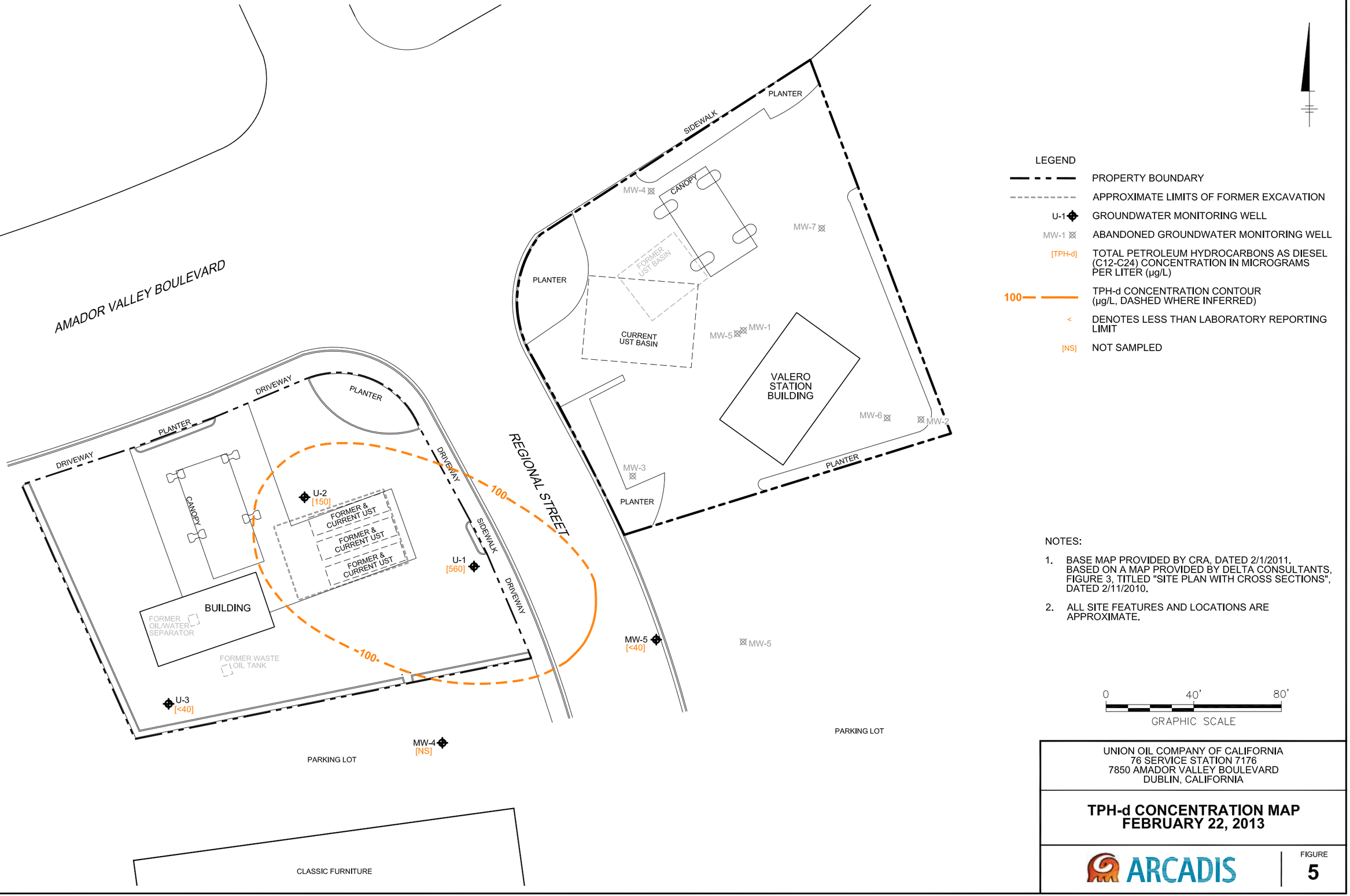


Figure 9

TPHg CONCENTRATIONS IN GROUNDWATER - FEBRUARY 10, 2012
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD
Dublin, California

SOURCE: DELTA CONSULTANTS, FIGURE 3, SITE PLAN WITH CROSS SECTIONS, DATED 02/11/2010.



LEGEND

	PROPERTY BOUNDARY
	APPROXIMATE LIMITS OF FORMER EXCAVATION
U-1	GROUNDWATER MONITORING WELL
MW-1	ABANDONED GROUNDWATER MONITORING WELL
[TPH-d]	TOTAL PETROLEUM HYDROCARBONS AS DIESEL (C12-C24) CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
100	TPH-d CONCENTRATION CONTOUR (µg/L, DASHED WHERE INFERRED)
<	DENOTES LESS THAN LABORATORY REPORTING LIMIT
[NS]	NOT SAMPLED

NOTES:

1. BASE MAP PROVIDED BY CRA, DATED 2/1/2011. BASED ON A MAP PROVIDED BY DELTA CONSULTANTS, FIGURE 3, TITLED "SITE PLAN WITH CROSS SECTIONS", DATED 2/11/2010.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 40' 80'

GRAPHIC SCALE

UNION OIL COMPANY OF CALIFORNIA
76 SERVICE STATION 7176
7850 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

TPH-d CONCENTRATION MAP
FEBRUARY 22, 2013

ARCADIS

FIGURE 5

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
G:\ENVCAD\Lakewood-CO\ACTB0047944\00002\DWG\DWGS\DWGS47944C04.dwg LAYOUT: 5 SAVED: 3/28/2013 4:28 PM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---
XREFS: IMAGES: PROJECTNAME: ---
47944X01
PLOTSTYLETABLE: ARCADIS-DEN.CTB PLOTTED: 3/28/2013 4:35 PM BY: HOEFER, MATTHEW

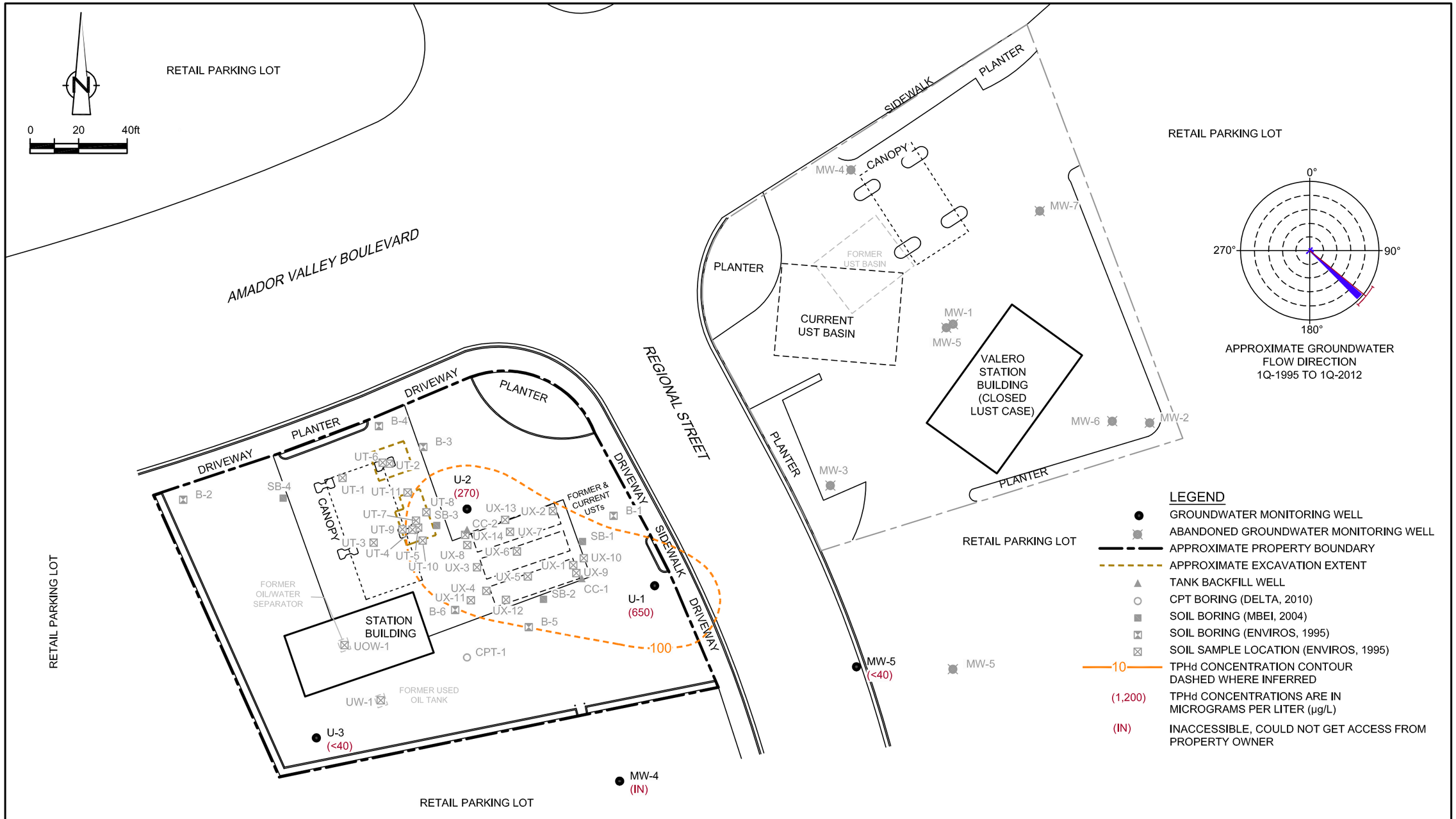
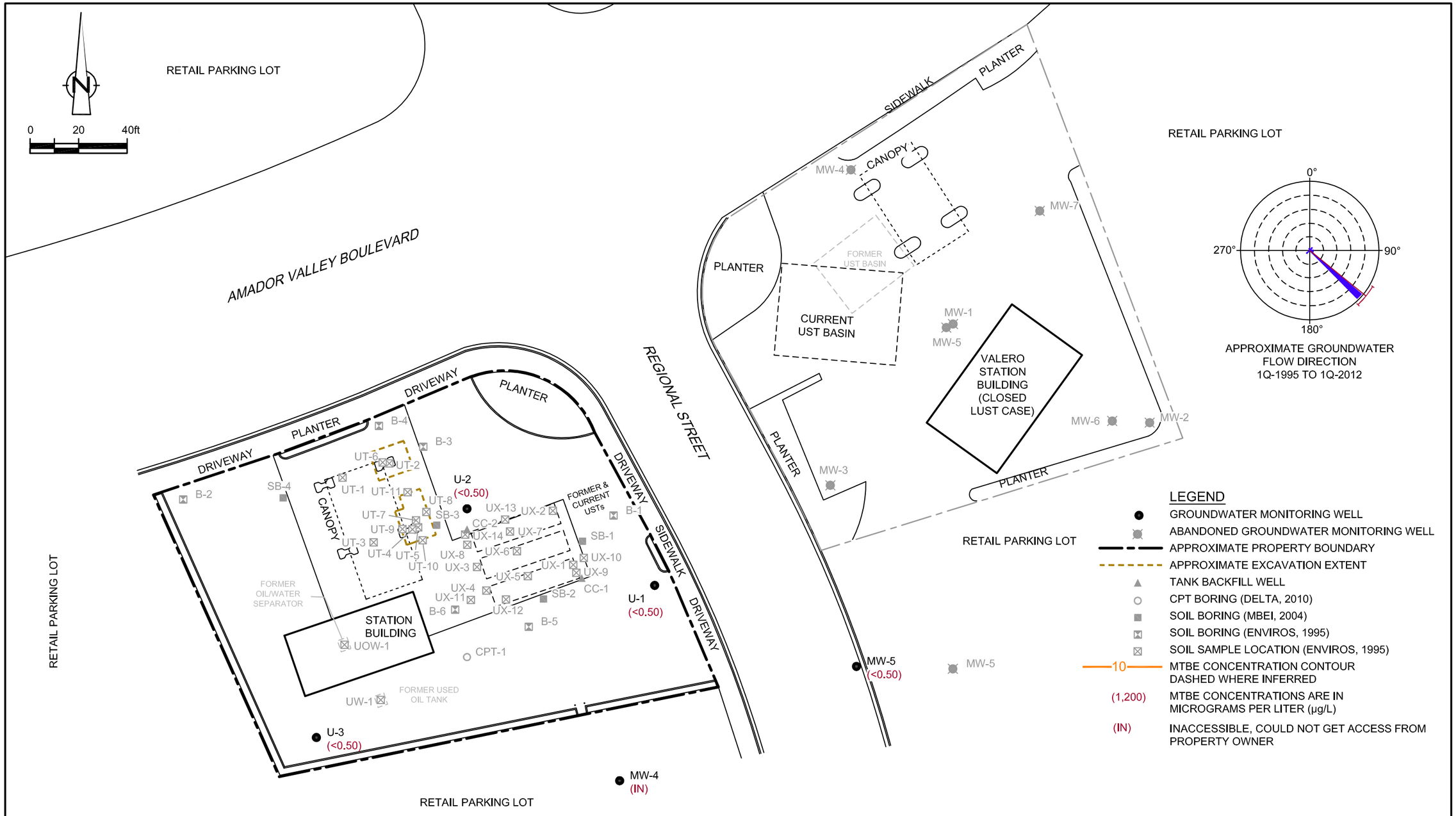


Figure 8

TPHd CONCENTRATIONS IN GROUNDWATER - FEBRUARY 10, 2012
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD
Dublin, California

SOURCE: DELTA CONSULTANTS, FIGURE 3, SITE PLAN WITH CROSS SECTIONS, DATED 02/11/2010.



SOURCE: DELTA CONSULTANTS, FIGURE 3, SITE PLAN WITH CROSS SECTIONS, DATED 02/11/2010.

Figure 11

MTBE CONCENTRATIONS IN GROUNDWATER - FEBRUARY 10, 2012
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD
Dublin, California

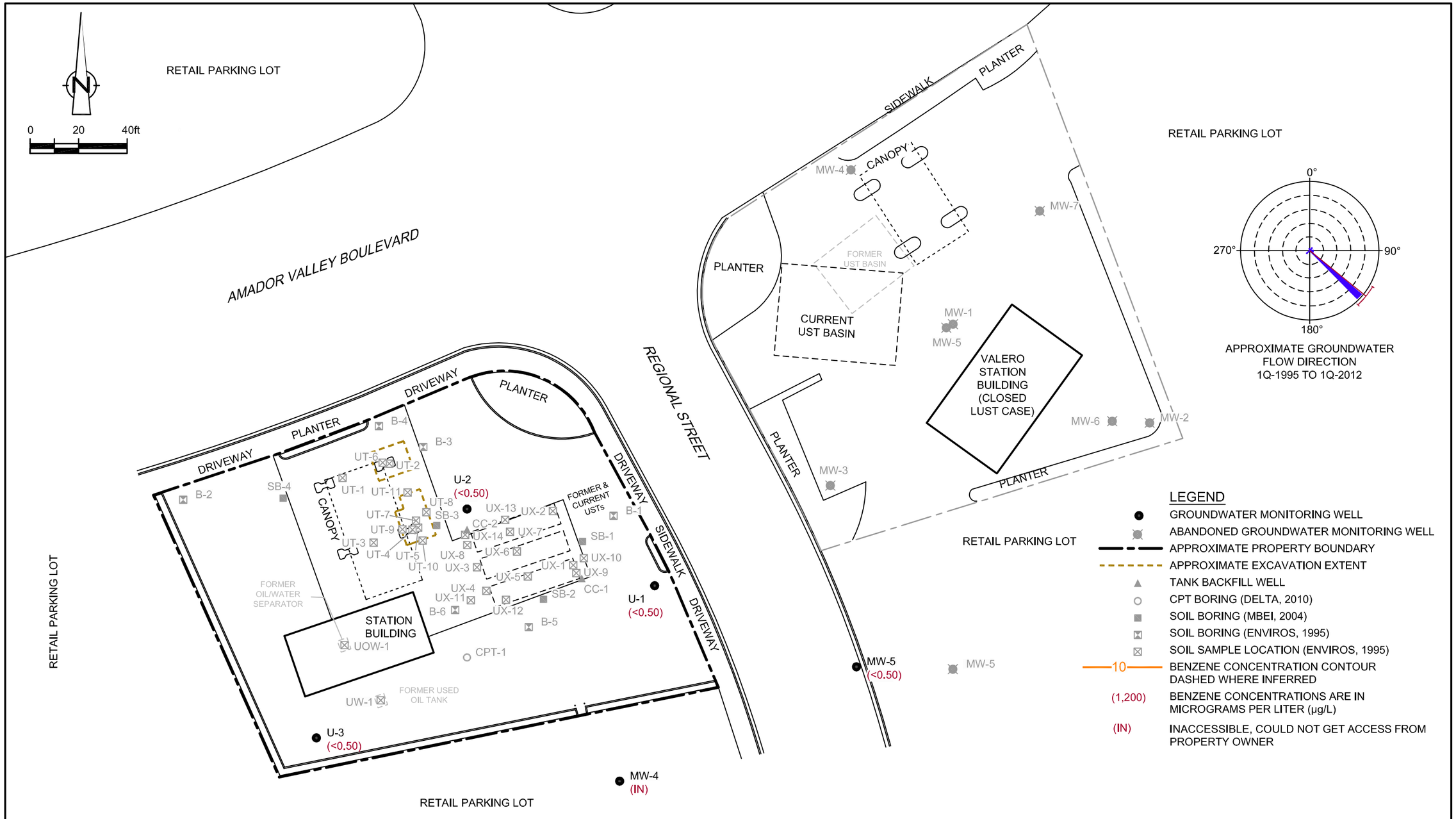
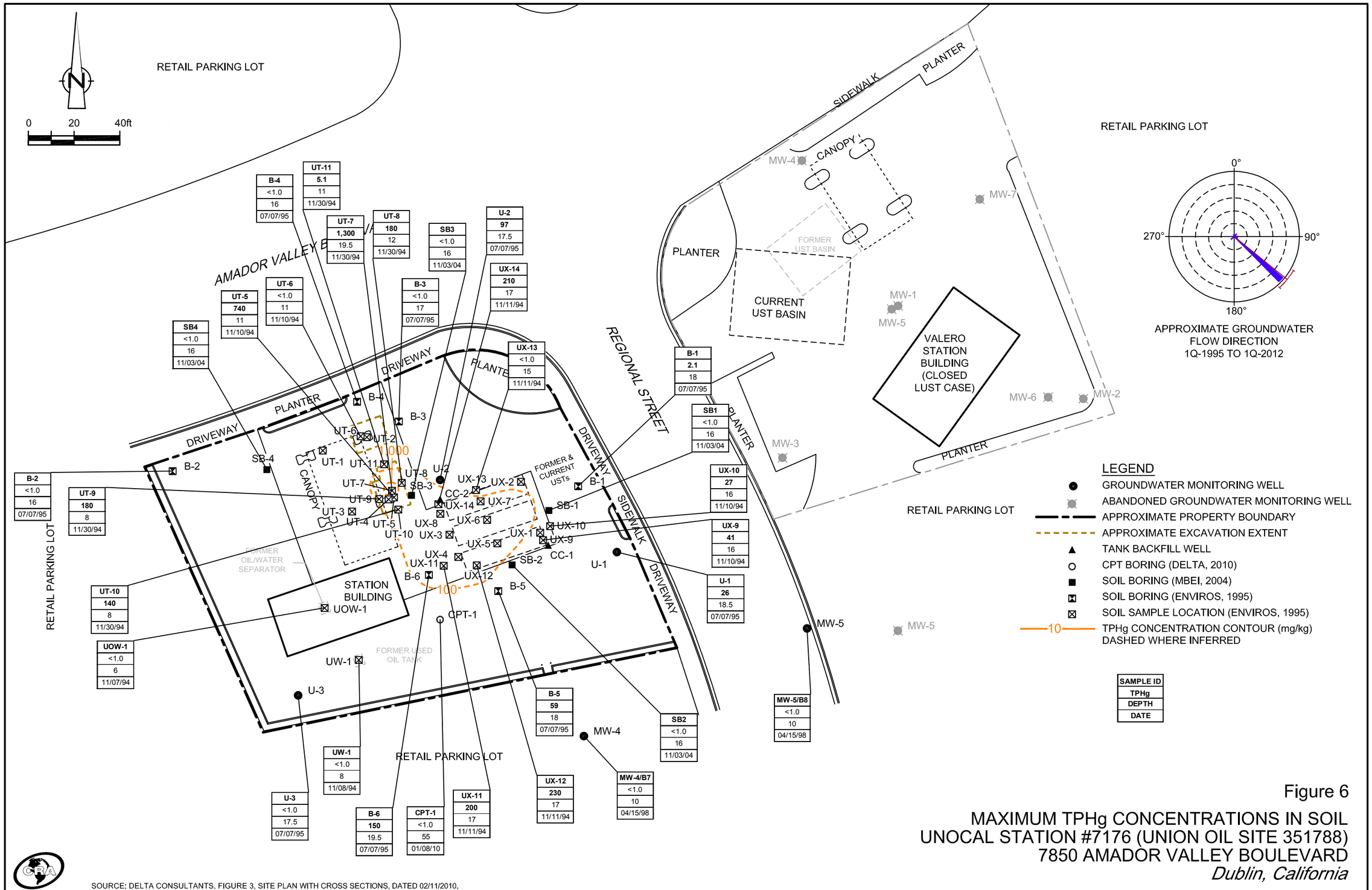


Figure 10

BENZENE CONCENTRATIONS IN GROUNDWATER - FEBRUARY 10, 2012
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD
Dublin, California

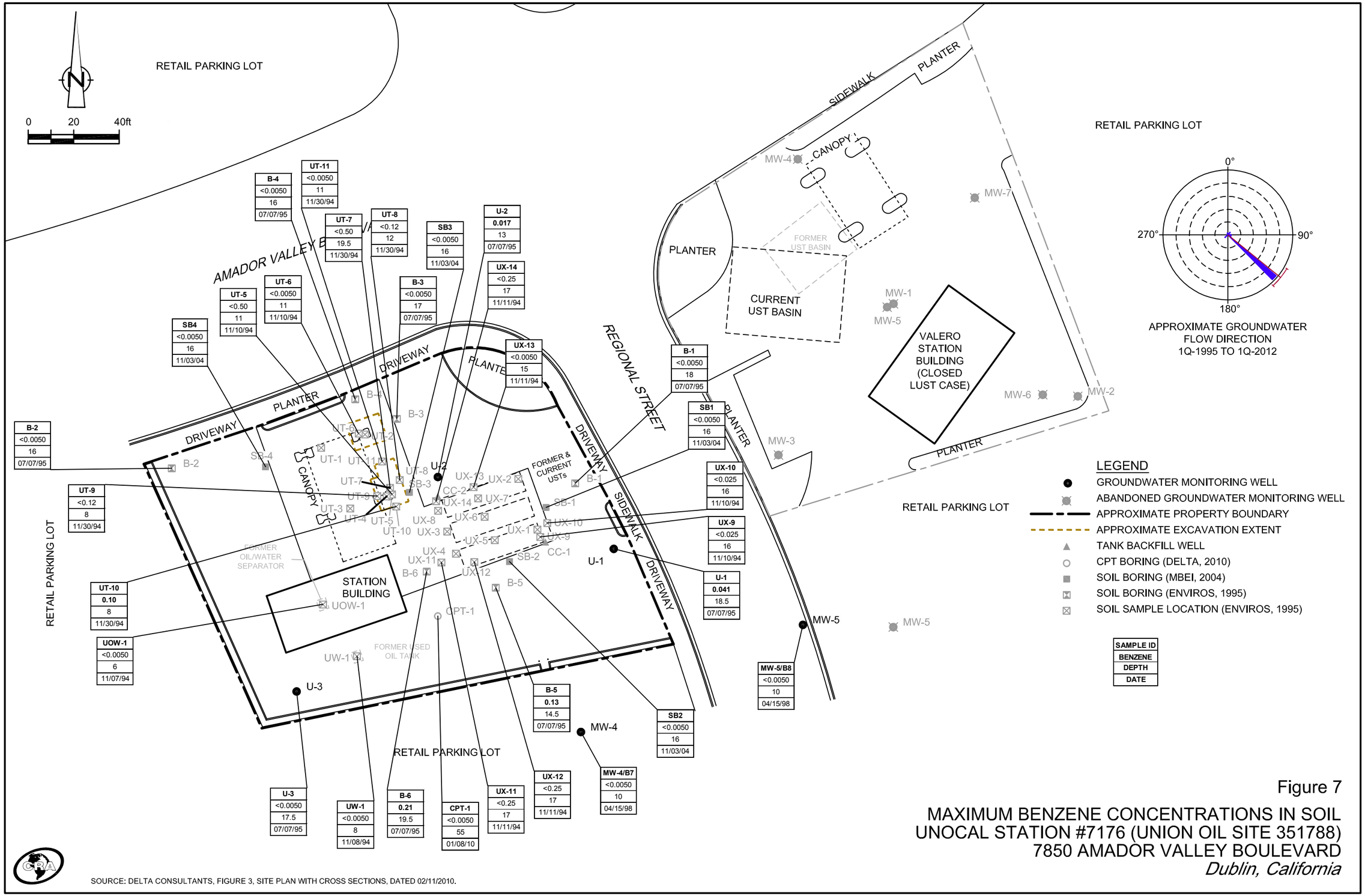
SOURCE: DELTA CONSULTANTS, FIGURE 3, SITE PLAN WITH CROSS SECTIONS, DATED 02/11/2010.



SOURCE: DELTA CONSULTANTS, FIGURE 3, SITE PLAN WITH CROSS SECTIONS, DATED 02/11/2010.

Figure 6

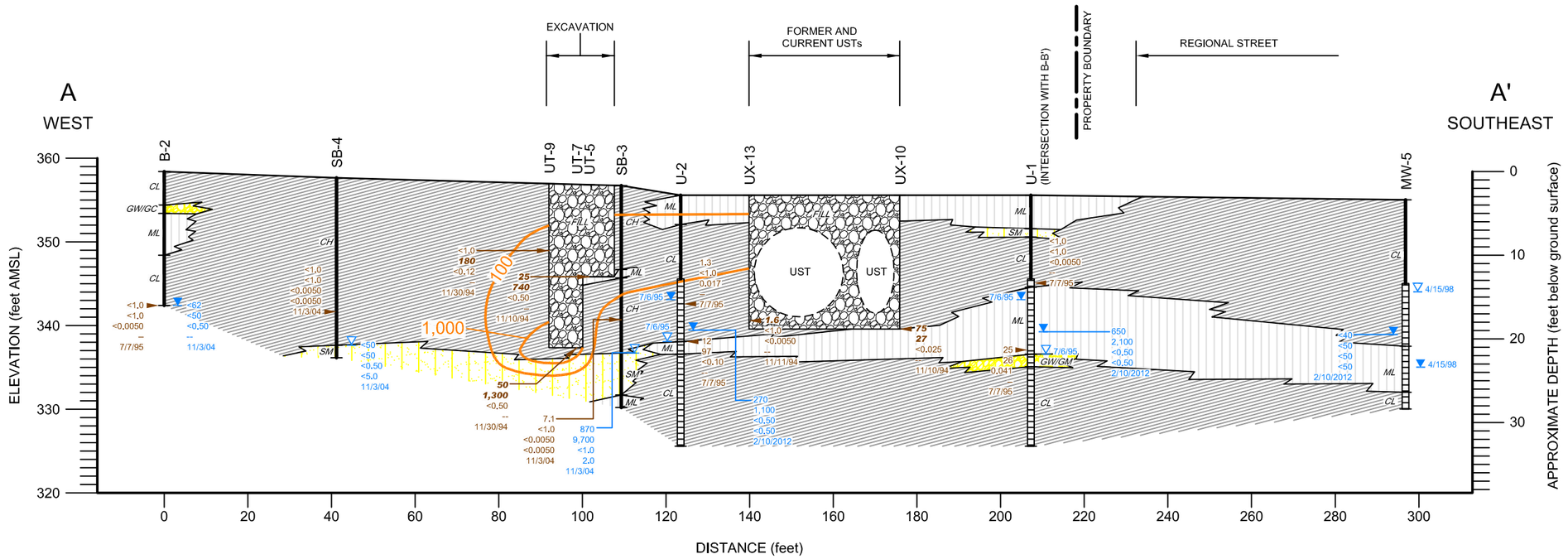
MAXIMUM TPHg CONCENTRATIONS IN SOIL
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD
Dublin, California

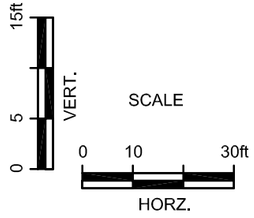


SOURCE: DELTA CONSULTANTS, FIGURE 3, SITE PLAN WITH CROSS SECTIONS, DATED 02/11/2010.

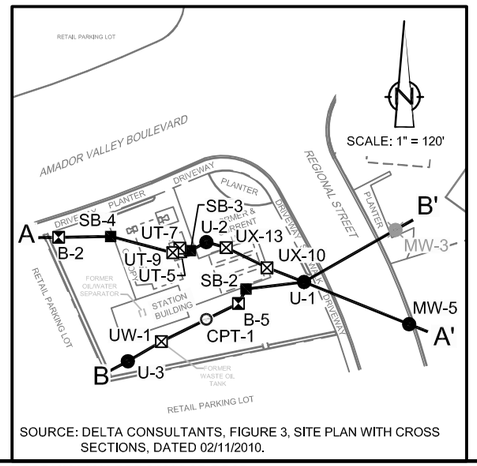
Figure 7

MAXIMUM BENZENE CONCENTRATIONS IN SOIL
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD
Dublin, California





VERTICAL EXAGGERATION = 2x



SOURCE: DELTA CONSULTANTS, FIGURE 3, SITE PLAN WITH CROSS SECTIONS, DATED 02/11/2010.

LEGEND

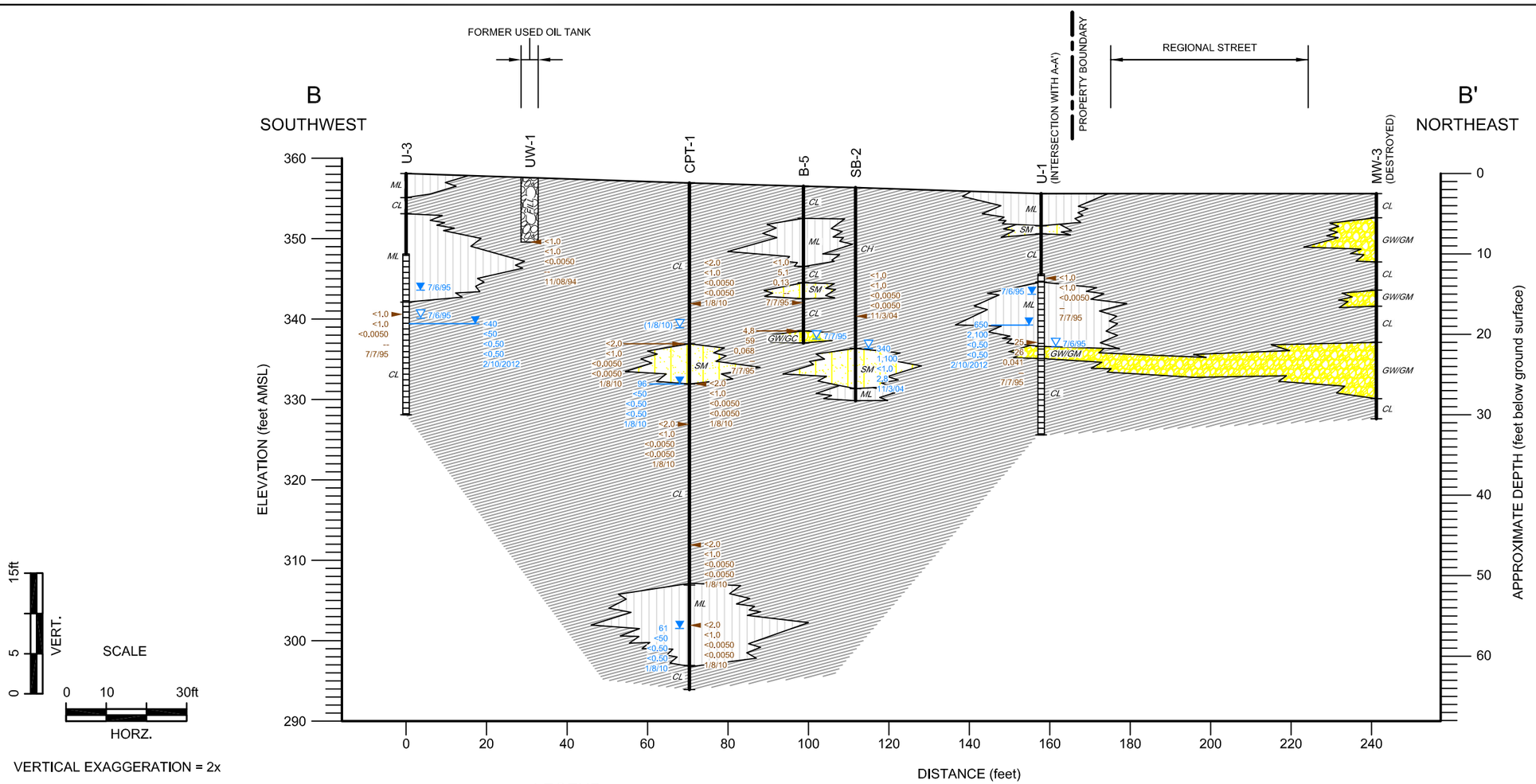
- U-2 — WELL DESIGNATION
- GROUND SURFACE
- OBSERVATION WELL INSTALLATION
- STRATIGRAPHIC BOUNDARY
- CL — TYPICAL SOIL CLASSIFICATION
- SCREENED INTERVAL
- BOTTOM OF BORING
- APPROXIMATE SOIL SAMPLE LOCATION
- TPHd / TPHg / BENZENE / MTBE / DATE — HYDROCARBON CONCENTRATIONS IN SOIL (mg/kg)
- APPROXIMATE GROUNDWATER SAMPLE LOCATION
- TPHd / TPHg / BENZENE / MTBE / DATE — HYDROCARBON CONCENTRATIONS IN GROUNDWATER (µg/L)

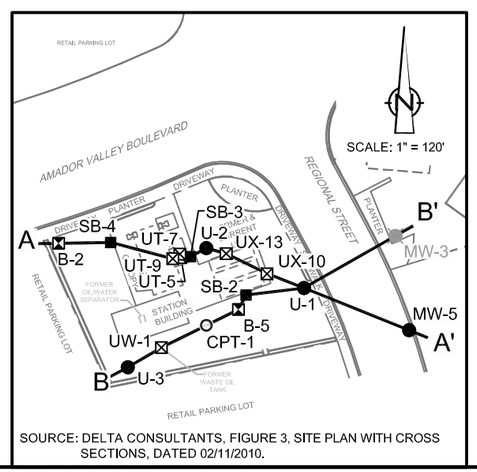
- *FILL* - ARTIFICIAL FILL
- *CL/CH* - INORGANIC CLAYS OF LOW TO HIGH PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
- *GW/GC* - CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
- *ML* - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, CLAYEY SILTS WITH SLIGHT PLASTICITY
- *SM* - SILTY SANDS, SAND-SILT MIXTURES
- *GW/GM* - SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES

- DATE ▽ — FIRST ENCOUNTERED GROUNDWATER DEPTH
- DATE ▼ — STATIC GROUNDWATER DEPTH
- -- — NOT ANALYZED
- —100— — TPHg ISOCONCENTRATION IN SOIL (mg/kg) DASHED WHERE INFERRED

Figure 4

GEOLOGIC CROSS-SECTION A-A'
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD
Dublin, California





SOURCE: DELTA CONSULTANTS, FIGURE 3, SITE PLAN WITH CROSS SECTIONS, DATED 02/11/2010.

LEGEND

- U-1 — WELL DESIGNATION
- GROUND SURFACE
- OBSERVATION WELL INSTALLATION
- STRATIGRAPHIC BOUNDARY
- CL — TYPICAL SOIL CLASSIFICATION
- SCREENED INTERVAL
- BOTTOM OF BORING
- APPROXIMATE SOIL SAMPLE LOCATION
  - TPHd
  - TPHg
  - BENZENE
  - MTBE
  - DATE
- HYDROCARBON CONCENTRATIONS IN SOIL (mg/kg)
- APPROXIMATE GROUNDWATER SAMPLE LOCATION
  - TPHd
  - TPHg
  - BENZENE
  - MTBE
  - DATE
- HYDROCARBON CONCENTRATIONS IN GROUNDWATER (µg/L)

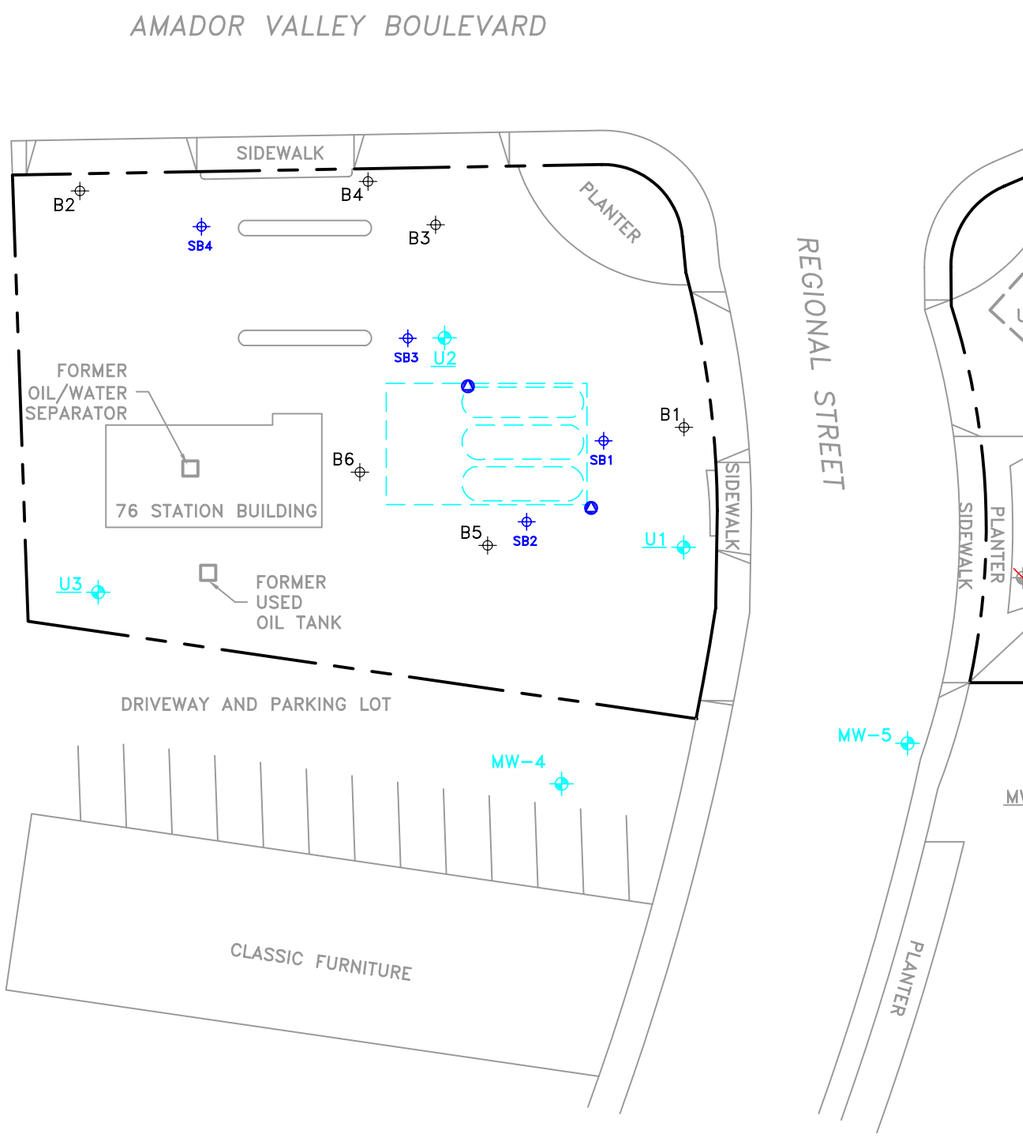
- *FILL* - ARTIFICIAL FILL
- *CL/CH* - INORGANIC CLAYS OF LOW TO HIGH PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
- *GW/GC* - CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
- *ML* - INORGANIC SILTS, VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, CLAYEY SILTS WITH SLIGHT PLASTICITY
- *SM* - SILTY SANDS, SAND-SILT MIXTURES
- *GW/GM* - SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES

- DATE ▽ FIRST ENCOUNTERED GROUNDWATER DEPTH
- DATE ▼ STATIC GROUNDWATER DEPTH
- -- NOT ANALYZED

Figure 5

GEOLOGIC CROSS-SECTION B-B'
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD
Dublin, California

tb-b1.dwg-09/21/00



LEGEND

- MW-4/U3 — GROUNDWATER MONITORING WELL
- SB1 — SOIL BORING (2004)
- B6 — SOIL BORING
- CONDUCTOR CASING LOCATION
- MW4 — ABANDONED GROUNDWATER MONITORING WELL
- UNDERGROUND STORAGE TANK
- DISPENSER ISLAND
- PROPERTY LINE

N

W E

S

0 40 FEET

SCALE

MILLER BROOKS Environmental, Inc.

720 SOUTHPOINT BLVD., SUITE 207
PETALUMA, CA. 94954
(707) 765-0466

PROJECT NO. 06-459-7176-04

DRAWN BY:	DCN
DATE:	03/25/04
REVISED BY:	
REVISED:	
APPROVED BY:	JAD
DATE:	03/25/04

SITE PLAN

76 SERVICE STATION 7176
7850 AMADOR VALLEY BLVD.
DUBLIN, CA

FIGURE 2

FILE: K:\DWGS\C-P\ NO. 7176 (7850 AMADOR BLVD.)\SITE PLAN
DATE PLOTTED: 03/25/04

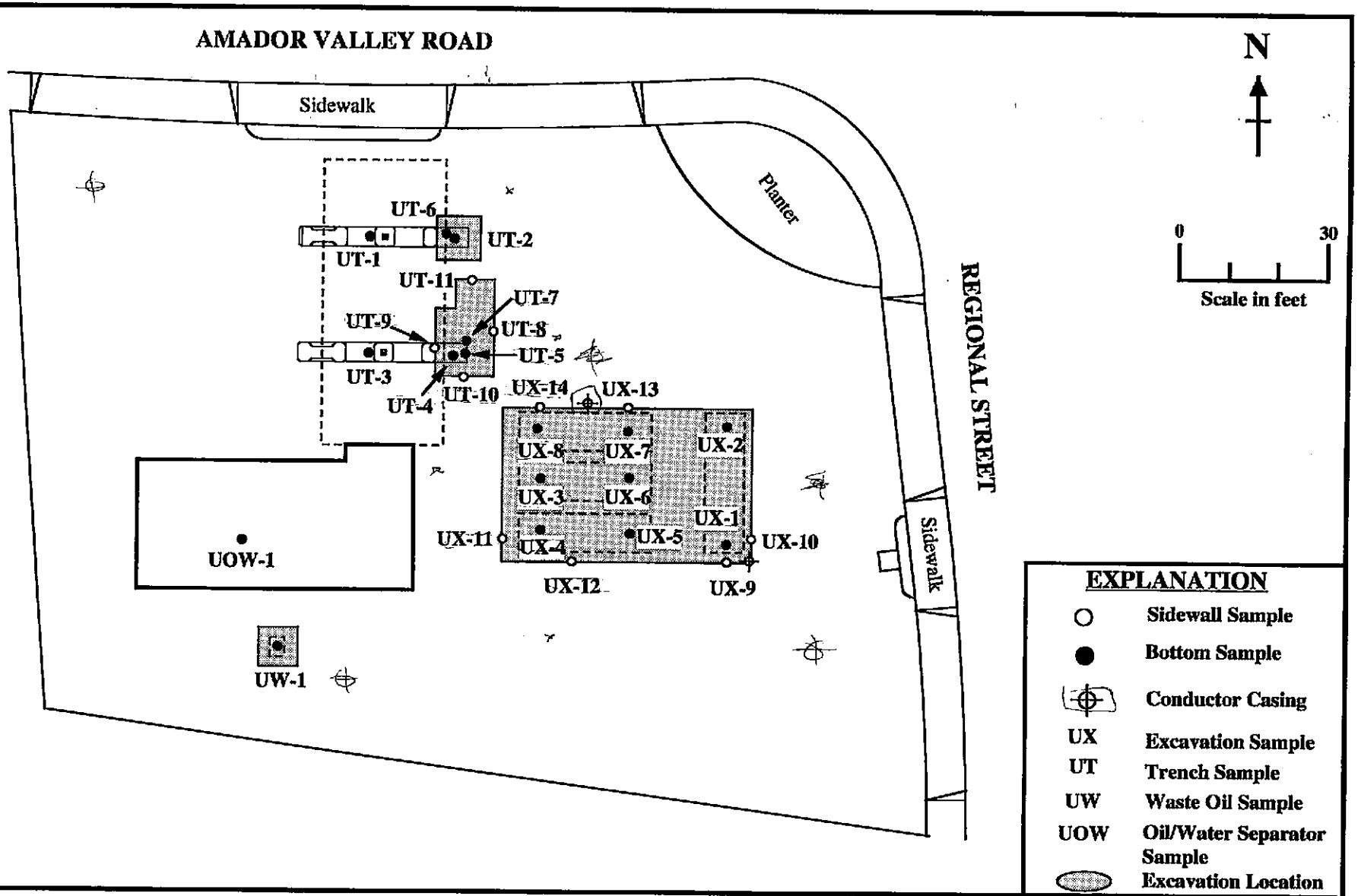


PLATE
3

SOIL SAMPLE LOCATION MAP
Unocal SS No. 7176
7850 Amador Valley Boulevard
Dublin, California

enviros®
95132.01

Drawn By: GLV | Date: 11-26-94 | Approved By: [illegible] | Date: 3/23/95

ATTACHMENT 7

Table 1
Well Construction Details
Union Oil Company of California
76 Service Station No. 7176
7850 Amador Valley Boulevard, Dublin, California

Monitoring Well ID	Well Installation Date	Well Destruction Date	Borehole Diameter (inches)	PVC diameter (inches)	Well Depth (feet bgs)	Screen Interval (feet bgs)	Depth to Bottom (feet btoc)
U-1	7/6/1995	4/28/2014	8	2	30	10-30	28.42
U-2	7/6/1995	4/28/2014	8	2	30	10-30	26.10
U-3	7/6/1995	4/28/2014	8	2	30	10-30	28.30
MW-4	4/5/1998	4/29/2014	8	2	25	10-25	25.33
MW-5	4/5/1998	4/29/2014	8	2	25	10-25	24.50

Notes:
bgs = below ground surface
btoc = below top of casing

TABLE 1
SOIL ANALYTICAL DATA

7850 Amador Valley Road
Dublin, California

SAMPLE NO.	SAMPLE DEPTH (FEET)	SAMPLE DATE	ANALYSIS DATE	TPH-D (PPM)	TPH-G (PPM)	BENZENE (PPM)	TOLUENE (PPM)	ETHYL BENZENE (PPM)	XYLENES (PPM)	TTLC LEAD (PPM)	O&G (PPM)	8270 (PPB)	8240 (PPB)
UW-1	8	11/8/94	11-9-94	ND	ND	ND	ND	ND	ND	ND*	ND	ND	ND
UOW-1	6	11/8/94	11-9-94	ND	ND	ND	ND	ND	ND	7.1*	ND	ND	ND
UT-1	3.5	11/8/94	11-9-94	ND	ND	ND	ND	ND	ND	--	--	--	--
UT-2	3.5	11/8/94	11-9-94	1,300	100**	ND	ND	ND	0.13	--	--	--	--
UT-3	3.5	11/8/94	11-9-94	--	3.1	0.017	0.25	0.097	0.56	--	--	--	--
UT-4	3.5	11/8/94	11-9-94	--	2,200**	ND	26	36	300	--	--	--	--
UT-5 (CS)	11	11/10/94	11-15-94	25***	740**	ND	6.5	20	110	--	--	--	--
UT-6 (CS)	11	11/10/94	11-15-94	1.1***	ND	ND	ND	ND	0.0070	--	--	--	--
UT-7 (CS)	19.5	11/30/94	12/2/94	50***	1,300**	ND	31	26	150	--	--	--	--
UT-8 (CS)	12	11/30/94	12/2/94	24***	180**	ND	3.8	3.0	19	--	--	--	--
UT-9 (CS)	8	11/30/94	12/2/94	ND	180**	ND	ND	ND	0.59	--	--	--	--
UT-10 (CS)	8	11/30/94	12/2/94	12	140**	ND	0.62	0.84	12	--	--	--	--
UT-11 (CS)	11	11/30/94	12/2/94	1.3***	5.1**	ND	ND	0.014	0.078	--	--	--	--
UX-1	14	11/8/94	11-9-94	9,100	--	0.98	1.8	2.7	3.4	--	--	--	--
UX-2	14	11/8/94	11-9-94	ND	--	ND	ND	ND	0.011	--	--	--	--
UX-3	15.5	11/10/94	11-14-94	--	1,600	1.6	54	24	220	ND	--	--	--
UX-4	15.5	11/10/94	11-14-94	--	1,500**	ND	11	16	160	ND	--	--	--
UX-5	15.5	11/10/94	11-14-94	--	5.2**	0.021	0.022	0.030	0.14	--	--	--	--
UX-6	15	11/10/94	11-14-94	--	11**	0.011	0.067	0.046	0.40	--	--	--	--
UX-7	15	11/10/94	11-14-94	--	2.8**	0.0062	ND	0.016	0.16	--	--	--	--
UX-8	15	11/10/94	11-14-94	--	150	0.22	3.5	2.1	21	ND	--	--	--
UX-9 (CS)	16	11/10/94	11-15-94	36	41**	ND	0.074	0.43	0.37	--	--	--	--
UX-10 (CS)	16	11/10/94	11-15-94	75	27**	ND	0.062	0.29	0.049	--	--	--	--
UX-11 (CS)	17	11/11/94	11-18-94	15***	200**	ND	1.2	0.94	13	--	--	--	--
UX-12 (CS)	17	11/11/94	11-18-94	15***	230**	ND	2.6	3.0	24	--	--	--	--
UX-13 (CS)	15	11/11/94	11-18-94	1.6***	ND	ND	ND	ND	0.0060	--	--	--	--
UX-14 (CS)	17	11/11/94	11-19-94	16***	210**	ND	0.78	0.98	9.7	--	--	--	--

95132.01

TABLE 1
SOIL ANALYTICAL DATA

7850 Amador Valley Road
Dublin, California

CS	= Confirmation Sample
TPH-G	= Total Petroleum Hydrocarbons calculated as Gasoline
TPH-D	= Total Petroleum Hydrocarbons calculated as Diesel
TTLC	= Total Threshold Limit Concentration
O&G	= Oil and Grease
8270	= Semi-Volatile Organics
8240	= Volatile Organics
PPM	= Parts Per Million
PPB	= Parts Per Billion
UW	= Waste Oil Excavation Sample Designation
UOW	= Sand/Water Separator Sample Designation
UT	= Trench Sample Designation
UX	= UST Excavation Sample Designation
*	= See Appendix A for remaining metals analytical data.
**	= Non Gas Mix and/or Weathered Gas
***	= Non Diesel Mix

Note: Analyses designated as ND were reported as not detected. See analytical reports for detection limits.

TABLE 2
SOIL STOCKPILE ANALYTICAL DATA

7850 Amador Valley Road
Dublin, California

SAMPLE NO.	SAMPLE DATE	ANALYSIS DATE	TPH-D (PPM)	TPH-G (PPM)	BENZENE (PPM)	TOLUENE (PPM)	ETHYL BENZENE (PPM)	XYLENES (PPM)	TTLC LEAD (PPM)	RCI	O&G (PPM)	8270 (PPB)	8240 (PPB)
UWS-1A-D	11/9/94	11-14-94	ND	ND	ND	ND	ND	ND	*	**	ND	ND	ND
US-1A-D	11/9/94	11-10-94	33***	--	ND	0.054	0.072	0.63	--	--	--	--	--
US-2A-D	11/9/94	11-10-94	3.5***	2.3	ND	0.013	0.0062	0.16	ND	--	--	--	--
US-3A-D	11/10/94	11-14-94	340	110****	ND	0.22	0.81	4.3	ND	**	--	--	--
US-4A-D	11/10/94	11-11-94	58	54****	ND	ND	0.35	1.4	ND	--	--	--	--
US-5A-D	11/10/94	11-11-94	27***	ND	ND	ND	ND	ND	--	--	--	--	--
US-6A-D	11/10/94	11-11-94	46***	21****	ND	ND	ND	0.11	ND	--	--	--	--
US-7A-D	11/13/94	11-14-94	35***	140****	ND	ND	0.55	8.8	ND	--	--	--	--
US-8A-D	11/13/94	11-14-94	130	130****	ND	0.57	1.0	9.4	ND	--	--	--	--
US-9A-D	11/13/94	11-14-94	160***	160****	ND	1.7	1.8	15	ND	--	--	--	--
US-10A-D	11/13/94	11-14-94	11***	66****	ND	0.55	0.61	5.1	ND	--	--	--	--
US-11A-D	11/13/94	11-14-94	13***	79****	ND	0.71	0.85	8.5	ND	--	--	--	--
US-12A-D	11/13/94	11-14-94	29***	230****	ND	0.69	0.78	18	ND	--	--	--	--
US-13A-D	11/13/94	11-14-94	12***	50****	ND	0.15	0.13	3.8	ND	--	--	--	--
US-14A-D	12-6-94	12/7/94	24***	390****	ND	5.9	3.8	43	ND	--	--	--	--
US-15A-D	12-6-94	12/7/94	21***	1,600****	ND	47	25	170	ND	--	--	--	--
US-16A-D	12-6-94	12/7/94	3.6***	ND	ND	ND	ND	0.0053	ND	--	--	--	--

TABLE 2
SOIL STOCKPILE ANALYTICAL DATA

7850 Amador Valley Road
Dublin, California

TPH-G	= Total Petroleum Hydrocarbons calculated as Gasoline.
TPH-D	= Total Petroleum Hydrocarbons calculated as Diesel.
TTLC	= Total Threshold Limiting Concentration
RCI	= Reactivity, Corrosivity and Ignitability.
O&G	= Oil and Grease.
8270	= Semi-Volatile Organics.
8240	= Volatile Organics.
PPM	= Parts Per Million
PPB	= Parts Per Billion
UWS	= Waste Oil Soil Stockpile Designation.
US	= Soil Stockpile Designation
*	= Reported as Soluble Threshold Limit Concentration for dissolved metals. See Appendix A for remaining metals analytical data.
**	= See Appendix A for analytical data.
***	= Non Diesel Mix
****	= Weathered Gasoline

Note: Analyses designated as ND were reported as not detected. See analytical reports for detection limits.

CUMULATIVE SOIL ANALYTICAL TABLE
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY ROAD, DUBLIN, CALIFORNIA

Sample ID	Sample Date	Sample Depth (fbg)	O&G (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	Ethanol (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	EDB (mg/kg)	1,2-DCA (mg/kg)	SVOCs (mg/kg)	VOCs (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Ni (mg/kg)	Zn (mg/kg)
[1] ESL: Soil Leaching, Current or potential drinking water source (Table G)			*---*	*83*	*83*	*0.044*	*2.9*	*3.3*	*2.3*	*0.023*	*NE*	*0.075*	*NE*	*NE*	*NE*	*0.00033*	*0.0045*	*---*	*---*			*2.5*		
[1] ESL: Direct Exposure, Commercial-Industrial Worker (Table K-2)			*---*	*450*	*450*	*0.27*	*210*	*5.0*	*100*	*65*	*NE*	*320,000*	*NE*	*NE*	*NE*	*0.044*	*0.48*	*---*	*---*			*750*		
[1] ESL: Direct Exposure, Construction/Trench Worker (Table K-3)			*---*	*4,200*	*4,200*	*12*	*650*	*210*	*420*	*2,800*	*NE*	*320,000*	*NE*	*NE*	*NE*	*1.7*	*21*	*---*	*---*			*750*		
2010 CPT Vertical Assessment Report (Delta)																								
CPT-1-15	01/08/10	15	---	<2.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<1.0	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---
CPT-1-20	01/08/10	20	---	<2.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<1.0	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---
CPT-1-25	01/08/10	25	---	<2.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<1.0	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---
CPT-1-30	01/08/10	30	---	<2.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<1.0	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---
CPT-1-45	01/08/10	45	---	<2.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<1.0	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---
CPT-1-55	01/08/10	55	---	<2.0	<1.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<1.0	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---
2004 Limited Phase II Environmental Site Assessment Report (Miller Brooks Environmental, Inc.)																								
SB1-16	11/03/04	16	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	<0.010	<0.010	<0.0050	<0.0050	--	---	---	---	---	---	---	---	---
SB2-16	11/03/04	16	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	<0.010	<0.010	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---
SB3-16	11/03/04	16	---	**7.1**	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	<0.010	<0.010	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---
SB4-16	11/03/04	16	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.1	<0.010	<0.010	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---
1998 Supplemental Evaluation and Investigation Report (ERI)																								
S-10-B7	04/15/98	10	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10-B8	04/15/98	10	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1995 Storage Tank Replacement Observation Report (Enivros, Inc.)																								
UW-1	11/08/94	8	<50	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	ND	ND	*0.56*	*35*	<5.0	*39*	*37*
UOW-1	11/07/94	6	<50	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	ND	ND	*<0.50*	*31*	7.1*	*35*	*35*
UT-1	11/08/94	3.5	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
~~UT-2~~	~~11/07/94~~	~~3.5~~	~~—~~	~~1300~~	~~100~~	~~<0.10~~	~~<0.10~~	~~<0.10~~	~~0.13~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
UT-3	11/08/94	3.5	---	---	3.1	0.017	0.25	0.097	0.56	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
~~UT-4~~	~~11/08/94~~	~~3.5~~	~~—~~	~~—~~	~~2,200~~	~~<2.5~~	~~26~~	~~36~~	~~300~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
UT-5 (CS)	11/10/94	11	---	25	740	<0.50	6.5	20	110	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UT-6 (CS)	11/10/94	11	---	1.1	<1.0	<0.0050	<0.0050	<0.0050	0.0070	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UT-7 (CS)	11/30/94	19.5	---	50	1,300	<0.50	31	26	150	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UT-8 (CS)	11/30/94	12	---	~~24~~	180	<0.12	3.8	3.0	19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UT-9 (CS)	11/30/94	8	---	<1.0	180	<0.12	<0.12	<0.12	0.59	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UT-10 (CS)	11/30/94	8	---	12	140	0.10	0.62	0.84	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UT-11 (CS)	11/30/94	11	---	1.3	5.1	<0.0050	<0.0050	0.014	0.078	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
~~UX-1~~	~~11/07/94~~	~~14~~	~~—~~	~~9100~~	~~—~~	~~0.98~~	~~1.8~~	~~2.7~~	~~3.4~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~UX-2~~	~~11/08/94~~	~~14~~	~~—~~	~~<1.0~~	~~—~~	~~<0.0050~~	~~<0.0050~~	~~<0.0050~~	~~0.011~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~
~~UX-3~~	~~11/10/94~~	~~15.5~~	~~—~~	~~—~~	~~1,600~~	~~1.6~~	~~54~~	~~24~~	~~220~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~<5.0~~	~~—~~	~~—~~

CUMULATIVE SOIL ANALYTICAL TABLE
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY ROAD, DUBLIN, CALIFORNIA

Sample ID	*Sample Date*	*Sample Depth (fbg)*	*O&G (mg/kg)*	*TPHd (mg/kg)*	*TPHg (mg/kg)*	*B (mg/kg)*	*T (mg/kg)*	*E (mg/kg)*	*X (mg/kg)*	*MTBE (mg/kg)*	*Ethanol (mg/kg)*	*TBA (mg/kg)*	*DIPE (mg/kg)*	*ETBE (mg/kg)*	*TAME (mg/kg)*	*EDB (mg/kg)*	*1,2-DCA (mg/kg)*	*SVOCs (mg/kg)*	*VOCs (mg/kg)*	*Cd (mg/kg)*	*Cr (mg/kg)*	*Pb (mg/kg)*	*Ni (mg/kg)*	*Zn (mg/kg)*
[1] ESL: Soil Leaching, Current or potential drinking water source (Table G)			*---*	*83*	*83*	*0.044*	*2.9*	*3.3*	*2.3*	*0.023*	*NE*	*0.075*	*NE*	*NE*	*NE*	*0.00033*	*0.0045*	*---*	*---*			*2.5*		
[1] ESL: Direct Exposure, Commercial-Industrial Worker (Table K-2)			*---*	*450*	*450*	*0.27*	*210*	*5.0*	*100*	*65*	*NE*	*320,000*	*NE*	*NE*	*NE*	*0.044*	*0.48*	*---*	*---*			*750*		
[1] ESL: Direct Exposure, Construction/Trench Worker (Table K-3)			*---*	*4,200*	*4,200*	*12*	*650*	*210*	*420*	*2,800*	*NE*	*320,000*	*NE*	*NE*	*NE*	*1.7*	*21*	*---*	*---*			*750*		
~~UX-4~~	~~11/10/94~~	~~15.5~~	~~---~~	~~---~~	~~1,500~~	~~<1.0~~	~~11~~	~~16~~	~~160~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~<5.0~~	~~---~~	~~---~~
~~UX-5~~	~~11/10/94~~	~~15.5~~	~~---~~	~~---~~	~~5.2~~	~~0.021~~	~~0.022~~	~~0.030~~	~~0.14~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~
~~UX-6~~	~~11/10/94~~	~~15~~	~~---~~	~~---~~	~~11~~	~~0.011~~	~~0.067~~	~~0.046~~	~~0.40~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~
~~UX-7~~	~~11/10/94~~	~~15~~	~~---~~	~~---~~	~~2.8~~	~~0.0062~~	~~<0.0050~~	~~0.016~~	~~0.16~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~
~~UX-8~~	~~11/10/94~~	~~15~~	~~---~~	~~---~~	~~150~~	~~0.22~~	~~3.5~~	~~2.1~~	~~21~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~---~~	~~<5.0~~	~~---~~	~~---~~
UX-9 (CS)	11/10/94	16	---	36	41	<0.025	0.074	0.43	0.37	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UX-10 (CS)	11/10/94	16	---	75	27	<0.025	0.062	0.29	0.049	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UX-11 (CS)	11/11/94	17	---	15	200	<0.25	1.2	0.94	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UX-12(CS)	11/11/94	17	---	15	230	<0.25	2.6	3.0	24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UX-13 (CS)	11/11/94	15	---	1.6	<1.0	<0.0050	<0.0050	<0.0050	0.0060	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UX-14 (CS)	11/11/94	17	---	16	210	<0.25	0.78	0.98	9.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
1995 Preliminary Soil and Groundwater Investigation (Enviros, Inc.)																								
U-1-10.5	07/07/95	10.5	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
U-1-18.5	07/07/95	18.5	---	**25**	**26**	**0.041**	**0.053**	**0.56**	**2.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
U-2-13	07/07/95	13	---	**1.3**	<1.0	**0.017**	<0.0050	**0.071**	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
U-2-17.5	07/07/95	17.5	---	**12**	**97**	<0.10	**0.21**	**1.7**	**1.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
U-3-17.5	07/07/95	17.5	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-1-13	07/07/95	13	---	**1.5**	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-1-18	07/07/95	18	---	**1.0**	**2.1**	<0.0050	<0.0050	**0.028**	**0.0088**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-2-16	07/07/95	16	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-3-11	07/07/95	11	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-3-17	07/07/95	17	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-4-11.5	07/07/95	11.5	---	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-4-16	07/07/95	16	---	**1.7**	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-5-14.5	07/07/95	14.5	---	<1.0	**5.1**	**0.13**	**0.020**	**0.29**	**0.12**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-5-18	07/07/95	18	---	**4.8**	**59**	**0.068**	<0.0050	**0.84**	**0.98**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-6-14.5	07/07/95	14.5	---	<1.0	**4.9**	**0.088**	<0.0050	**0.099**	**0.22**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B-6-19.5	07/07/95	19.5	---	**10**	**150**	**0.21**	**3.0**	**3.2**	**19**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

CUMULATIVE SOIL ANALYTICAL TABLE
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY ROAD, DUBLIN, CALIFORNIA

Sample ID	Sample Date	Sample Depth (fbg)	O&G (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	Ethanol (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	EDB (mg/kg)	1,2-DCA (mg/kg)	SVOCs (mg/kg)	VOCs (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Ni (mg/kg)	Zn (mg/kg)
[1] ESL: Soil Leaching, Current or potential drinking water source (Table G)			---	83	83	0.044	2.9	3.3	2.3	0.023	NE	0.075	NE	NE	NE	0.00033	0.0045	---	---			2.5		
[1] ESL: Direct Exposure, Commercial-Industrial Worker (Table K-2)			---	450	450	0.27	210	5.0	100	65	NE	320,000	NE	NE	NE	0.044	0.48	---	---			750		
[1] ESL: Direct Exposure, Construction/Trench Worker (Table K-3)			---	4,200	4,200	12	650	210	420	2,800	NE	320,000	NE	NE	NE	1.7	21	---	---			750		

Abbreviations/Notes:

Petroleum hydrocarbons as oil and grease (O&G) by Environmental Protection Agency (EPA) standard method 5520 E&F.

Total Petroleum hydrocarbons as Diesel (TPHd) by EPA method 8015B unless otherwise noted.

Total petroleum hydrocarbons as gasoline (TPHg) by EPA method 8015 unless otherwise noted.

Benzene, toluene, ethylbenzene, xylenes (BTEX), methyl tert-butyl alcohol (MTBE), ethanol, t-butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl t-butyl ether (ETBE), t-amyl methyl ether (TAME), 1,2-dibromoethane (EDB) and 1,2-dichloroethane (1,2-DCA) by EPA Method 8020 or 8260 unless otherwise noted.

Semi-volatile organic compounds (SVOCs) by EPA method 8270.

Lead by 6010

[1]ESL = Environmental Screening Levels from *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater,* California Regional Water Quality Control Board - San Francisco Bay Region, Intermin Final November 2007, Revised May 2008.

fbg = Feet below grade.

Milligrams per kilogram (mg/kg).

ND = Not detectable above various or unreported laboratory detection limits.

-- = Not analyzed or not applicable.

<x = Not detected above laboratory method detection limit.

Bold = Concentration exceeds most conservative applicable ESL.

~~Strikethrough~~ = Soil excavated.

CUMULATIVE HISTORICAL GRAB-GROUNDWATER DATA
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Sample ID	*Sample Date*	*Sample Depth (fbg)*	*TPHg (µg/L)*	*TPHd (µg/L)*	*Benzene (µg/L)*	*Toluene (µg/L)*	*Ethyl-benzene (µg/L)*	*Total Xylenes (µg/L)*	*MTBE (µg/L)*
[1] ESL: Groundwater, Drinking Water Resource (Table F-1a)			***100***	***100***	***1.0***	***40***	***30***	***20***	***5.0***
1995 Preliminary soil and groundwater investigation (Enviros, Inc.)									
B-2	07/07/95	---	<50	<62	<0.50	<0.50	<0.50	<0.50	---
B-4	07/07/95	---	<50	**390**	<0.50	<0.50	<0.50	<0.50	---
UST-1	07/07/95	---	**3,000**	**970**	**280**	**<10**	**<10**	**<10**	---
2004 Limited phase II environmental site assessment report (Miller Brooks Environmental, Inc.)									
SB1	11/03/04	---	**3,100**	**1,100**	<2.5	<2.5	<2.5	<5.0	**3.0**
SB2	11/03/04	---	**1,100**	**340**	<1.0	<1.0	**1.4**	<2.0	**2.8**
SB3	11/03/04	---	**9,700**	**870**	<1.0	**2.2**	**2.6**	<2.0	**2.0**
SB4	11/03/04	---	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0
2010 CPT Vertical Assessment Report (Delta)									
CPT-1-22-24	01/08/10	22-24	<50	**96**	<0.50	<0.50	<0.50	<1.0	<0.50
CPT-1-50-54	01/08/10	50-54	<50	**61**	<0.50	<0.50	<0.50	<1.0	<0.50

CUMULATIVE HISTORICAL GRAB-GROUNDWATER DATA
UNOCAL STATION #7176 (UNION OIL SITE 351788)
7850 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA method 8015 unless otherwise noted.

Benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tert-butyl alcohol (MTBE) by EPA Method 8020 or 8260 unless otherwise noted.

[1]ESL = Environmental Screening Levels from *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater,* California Regional Water Quality Control Board - San Francisco Bay Region, Intermin Final November 2007, Revised May 2008.

fbg = Feet below grade.

-- = Not analyzed or not applicable.

<x = Not detected above laboratory method detection limit.

Bold = Concentration exceeds most conservative applicable ESL.

* = The 1989 Reconnaissance Groundwater Investigation Report does not show the location of SB-1.

Table 1
Current Groundwater Gauging and Analytical Results
Unocal Site 7176
7850 Amador Boulevard, Dublin, California

Well ID	Date Sampled	TOC Elevation (ft amsl)	DTW (ft bTOC)	LPH Thickness (ft)	GW Elevation (ft amsl)	TPH-g (8260) (µg/l)	TPH-g (8015B) (µg/l)	TPH-d (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	TBA (µg/l)	TAME (µg/l)	ETBE (µg/l)	DIPE (µg/l)	EDB (µg/l)	EDC (µg/l)	Ethanol (µg/l)
MW-4	2/22/2013	359.16		--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/22/2013	357.80	14.66	--	343.14	<50	<50	<40	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250
U-1	2/22/2013	358.36	14.79	--	343.57	**2,100**	**980**	**560**	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250
U-2	2/22/2013	359.32	15.52	--	343.80	**510**	**500**	**150**	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250
U-3	2/22/2013	360.87	12.06	--	348.81	<50	<50	<40	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250

Notes

Analytical results given in micrograms per liter (µg/l) unless otherwise noted
-- = Not sampled or not applicable
Bold = detected above the laboratory reporting limit

Standard Abbreviations

<	not detected at or above laboratory detection limit
µg/l	micrograms per liter (approx. equivalent to parts per billion, ppb)
TOC	top of casing (surveyed reference elevation)
MSL	relative to mean sea level
DTW	depth to water
bTOC	below top of casing
LPH	liquid-phase hydrocarbons
GW	groundwater
TPH-d	total petroleum hydrocarbons as diesel (C-12-C-24)
TPH-g	total petroleum hydrocarbons as gasoline (C4-C12)
MTBE	methyl tertiary butyl ether
TBA	tertiary butyl alcohol
TAME	tertiary amyl methyl ether
ETBE	ethyl tertiary butyl ether
DIPE	di-isopropyl ether
EDB	1,2-dibromoethane
EDC	1,2-dichloroethane
8015B	USEPA Method 8015B for TPH-d
8260	USEPA Method 8260B for TPH-g/BTEX/MTBE/Oxygenates

Table 1
Current Groundwater Gauging and Analytical Results
Unocal Site 7176
7850 Amador Boulevard, Dublin, California

Well ID	Date Sampled	TOC Elevation (ft amsl)	DTW (ft bTOC)	LPH Thickness (ft)	GW Elevation (ft amsl)	TPH-g (8260) (µg/l)	TPH-g (8015B) (µg/l)	TPH-d (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	TBA (µg/l)	TAME (µg/l)	ETBE (µg/l)	DIPE (µg/l)	EDB (µg/l)	EDC (µg/l)	Ethanol (µg/l)
MW-4	8/3/2012	359.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	8/3/2012	357.80	15.95	--	341.85	<50	<50	<40	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250
U-1	8/3/2012	358.36	16.06	--	342.30	**2,100**	**150**	**740**	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250
U-2	8/3/2012	359.32	16.80	--	342.52	**1,200**	**51**	**520**	<0.50	**0.81**	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250
U-3	8/3/2012	360.87	18.38	--	342.49	<50	<50	<40	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250

Notes

Analytical results given in micrograms per liter (µg/l) unless otherwise noted
-- = Not sampled or not applicable
Bold = detected above the laboratory reporting limit

Standard Abbreviations

<	not detected at or above laboratory detection limit
µg/l	micrograms per liter (approx. equivalent to parts per billion, ppb)
TOC	top of casing (surveyed reference elevation)
MSL	relative to mean sea level
DTW	depth to water
bTOC	below top of casing
LPH	liquid-phase hydrocarbons
GW	groundwater
TPH-d	total petroleum hydrocarbons as diesel (C-12-C-24)
TPH-g	total petroleum hydrocarbons as gasoline (C4-C12)
MTBE	methyl tertiary butyl ether
TBA	tertiary butyl alcohol
TAME	tertiary amyl methyl ether
ETBE	ethyl tertiary butyl ether
DIPE	di-isopropyl ether
EDB	1,2-dibromoethane
EDC	1,2-dichloroethane
8015B	USEPA Method 8015B for TPH-d
8260	USEPA Method 8260B for TPH-g/BTEX/MTBE/Oxygenates

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNION OIL #7176
7850 AMADOR VALLEY BLVD
DUBLIN, CALIFORNIA

					HYDROCARBONS			*PRIMARY VOCS*												
Location	Date	*TOC*	*DTW*	*GWE*	*TPHd by 8015 with Silica Gel Cleanup*	*TPHg by 8015*	*Total Petro Hydro - Purgeable (GRO) by 8260*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE by SW8260*	*Diisopropyl ether*	*tert-Butyl ethyl ether*	*tert-Amyl methyl ether*	*tert-Butyl alcohol*	*1,2-Dibromoethane (Ethylene dibromide)*	*1,2-Dichloroethane*	*Ethanol*
	Units	*ft*	*ft*	*ft-amsl*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*	*µg/L*
U-1	08/26/2011	355.59	14.83	340.76	670	1,400	2,400	<0.50	<0.50	0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250
U-1	**02/10/2012**	**355.59**	**16.33**	**339.26**	**650**	**2,100**	**2,300**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**
U-2	08/26/2011	356.55	15.52	341.03	410	460	1,100	<0.50	<0.50	0.59	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250
U-2	**02/10/2012**	**356.55**	**17.10**	**339.45**	**270**	**1,100**	**1,200**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**
U-3	08/26/2011	358.09	17.12	340.97	<40	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250
U-3	**02/10/2012**	**358.09**	**18.67**	**339.42**	**<40**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**
MW-4	08/26/2011[1]	356.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	**02/10/2012[1]**	**356.41**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-5	08/26/2011	355.03	14.73	340.30	<40	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<250
MW-5	**02/10/2012**	**355.03**	**16.10**	**338.93**	**<40**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<250**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNION OIL #7176
7850 AMADOR VALLEY BLVD
DUBLIN, CALIFORNIA

		ADDITIONAL VOCS																												
Location	Date	*1,1,1,2-Tetrachloroethane*	*1,1,1-Trichloroethane*	*1,1,2,2-Tetrachloroethane*	*1,1,2-Trichloroethane*	*1,1-Dichloroethane*	*1,1-Dichloroethene*	*1,1-Dichloropropene*	*1,2,3-Trichlorobenzene*	*1,2,3-Trichloropropane*	*1,2,4-Trichlorobenzene*	*1,2,4-Trimethylbenzene*	*1,2-Dibromo-3-chloropropane (DBCP)*	*1,2-Dichlorobenzene*	*1,2-Dichloroethene (total)*	*1,2-Dichloropropane*	*1,3,5-Trimethylbenzene*	*1,3-Dichlorobenzene*	*1,3-Dichloropropane*	*1,3-Dichloropropene*	*1,4-Dichlorobenzene*	*2,2-Dichloropropane*	*2-Chlorotoluene*	*2-Phenylbutane (sec-Butylbenzene)*	*4-Chlorotoluene*	*Bromobenzene*	*Bromodichloromethane*	*Bromoform*	*Bromomethane (Methyl bromide)*
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
U-1	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	21	<0.50	<0.50	<0.50	<0.50	<1.0
U-1	**02/10/2012**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**26**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
U-2	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	7.9	<0.50	<0.50	<0.50	<0.50	<1.0
U-2	**02/10/2012**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**0.51**	**<1.0**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**7.6**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
U-3	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0
U-3	**02/10/2012**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
MW-4	08/26/2011[1]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	**02/10/2012[1]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-5	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0
MW-5	**02/10/2012**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
UNION OIL #7176
7850 AMADOR VALLEY BLVD
DUBLIN, CALIFORNIA

		ADDITIONAL VOCS																											
Location	Date	*Carbon tetrachloride*	*Chlorobenzene*	*Chlorobromomethane*	*Chloroethane*	*Chloroform (Trichloromethane)*	*Chloromethane (Methyl chloride)*	*cis-1,2-Dichloroethene*	*cis-1,3-Dichloropropene*	*Cymene (p-Isopropyltoluene)*	*Dibromochloromethane*	*Dibromomethane*	*Dichlorodifluoromethane (CFC-12)*	*Hexachlorobutadiene*	*Isopropyl benzene*	*Methylene chloride*	*N-Butylbenzene*	*N-Propylbenzene*	*Naphthalene*	*Styrene*	*tert-Butylbenzene*	*Tetrachloroethene*	*trans-1,2-Dichloroethene*	*trans-1,3-Dichloropropene*	*Trichloroethene*	*Trichlorofluoromethane (CFC-11)*	*Trifluorotrichloroethane (Freon 113)*	*Vinyl chloride*
	Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
U-1	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	<1.0	36	56	1.7	<0.50	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
U-1	**02/10/2012**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**14**	**<1.0**	**51**	**55**	**<0.50**	**<0.50**	**3.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
U-2	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<1.0	<0.50	31	<0.50	<0.50	3.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
U-2	**02/10/2012**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**13**	**<1.0**	**3.4**	**23**	**<0.50**	**<0.50**	**5.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
U-3	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
U-3	**02/10/2012**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW-4	08/26/2011[1]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4	**02/10/2012[1]**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
MW-5	08/26/2011	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-5	**02/10/2012**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
76 Station 7176

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4															
4/23/1998	356.41	12.11	0	344.30	--	--	2500	--	5.9	6.4	16	31	ND	--	
7/8/1998	356.41	13.70	0	342.71	-1.59	1400	1000	--	ND	ND	ND	ND	ND	--	
10/5/1998	356.41	15.18	0	341.23	-1.48	--	890	--	ND	ND	ND	14	ND	--	
1/4/1999	356.41	16.39	0	340.02	-1.21	71	--	--	--	--	--	--	--	--	
1/4/1999	356.41	16.39	0	340.02	-1.21	71	230	--	0.56	1.3	1.4	1.8	10	--	
4/5/1999	356.41	14.61	0	341.80	1.78	210	--	--	--	--	--	--	--	--	
4/5/1999	356.41	14.61	0	341.80	1.78	340	620	--	ND	1.8	2.1	ND	6	9.3	
7/1/1999	356.41	15.43	0	340.98	-0.82	310	--	--	--	--	--	--	--	--	
7/1/1999	356.41	15.43	0	340.98	-0.82	260	700	--	2.1	ND	1.9	2.4	ND	21	
9/30/1999	356.41	16.27	0	340.14	-0.84	420	582	--	2.6	1.30	1.98	ND	23.1	22.5	
9/30/1999	356.41	16.27	0	340.14	-0.84	220	--	--	--	--	--	--	--	--	
1/3/2000	356.41	17.50	0	338.91	-1.23	260	--	--	--	--	--	--	--	--	
1/3/2000	356.41	17.50	0	338.91	-1.23	250	800	--	4.2	4.6	3.3	11	31	17	
4/4/2000	356.41	13.91	0	342.50	3.59	460	710	--	2	1.3	4.4	2.0	21	22	
4/4/2000	356.41	13.91	0	342.50	3.59	340	--	--	--	--	--	--	--	--	
7/14/2000	356.41	15.58	0	340.83	-1.67	220	490	--	0.89	1.3	0.85	1.8	21	12	
7/14/2000	356.41	15.58	0	340.83	-1.67	76	--	--	--	--	--	--	--	--	
10/27/2000	356.41	16.96	0	339.45	-1.38	160	598	--	ND	1.56	4.65	ND	15.4	14	
10/27/2000	356.41	16.96	0	339.45	-1.38	120	--	--	--	--	--	--	--	--	
1/8/2001	356.41	16.64	0	339.77	0.32	--	522	--	4.09	1.69	2.53	1.26	17.2	14.3	
4/3/2001	356.41	15.46	0	340.95	1.18	180	575	--	ND	ND	ND	ND	14.0	11.6	
4/3/2001	356.41	15.46	0	340.95	1.18	ND	--	--	--	--	--	--	--	--	
7/6/2001	356.41	16.63	0	339.78	-1.17	200	--	--	--	--	--	--	--	--	
7/6/2001	356.41	16.63	0	339.78	-1.17	230	720	--	4.7	1.5	2.5	0.74	10	7.1	
10/5/2001	356.41	17.38	0	339.03	-0.75	180	650	--	4.3	1.2	1.1	1.8	5.9	5.4	
10/5/2001	356.41	17.38	0	339.03	-0.75	140	--	--	--	--	--	--	--	--	
1/3/2002	356.41	15.10	0	341.31	2.28	390	340	--	2.9	1.4	1.7	ND<1.0	ND<10/	3.1	
1/3/2002	356.41	15.10	0	341.31	2.28	360	--	--	--	--	--	--	--	--	
4/1/2002	356.41	14.85	0	341.56	0.25	160	340	--	ND<0.50	2.7	ND<0.50	0.66	ND<5.0	2.2	
4/1/2002	356.41	14.85	0	341.56	0.25	100	--	--	--	--	--	--	--	--	
7/1/2002	356.41	15.53	0	340.88	-0.68	130	--	280	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.58	
7/1/2002	356.41	15.53	0	340.88	-0.68	97	--	--	--	--	--	--	--	--	
1/24/2003	356.41	14.52	0	341.89	1.01	52	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
76 Station 7176

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
1/24/2003	356.41	14.52	0	341.89	1.01	ND<50	--	--	--	--	--	--	--	--	
7/28/2003	356.41	15.47	0	340.94	-0.95	110	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1	ND<2	ND<2	
7/28/2003	356.41	15.47	0	340.94	-0.95	130	--	--	--	--	--	--	--	--	
2/4/2004	356.41	15.55	0	340.86	-0.08	94	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
7/2/2004	356.41	16.52	0	339.89	-0.97	ND<200	--	170	ND<0.5	ND<0.5	ND<0.5	ND<1	--	0.83	
1/11/2005	356.41	14.83	0	341.58	1.69	85	--	--	--	--	--	--	--	--	
1/11/2005	356.41	14.83	0	341.58	1.69	110	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.87	
7/8/2005	356.41	14.33	0	342.08	0.50	67	--	--	--	--	--	--	--	--	
7/8/2005	356.41	14.33	0	342.08	0.50	67	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.60	
1/6/2006	356.41	15.59	0	340.82	-1.26	ND<200	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.3	
9/11/2006	356.41	16.16	0	340.25	-0.57	ND<50	--	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
2/16/2007	356.41	16.39	0	340.02	-0.23	66	--	210	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.0	
7/3/2007	356.41	16.60	0	339.81	-0.21	ND<56	--	160	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.71	
2/1/2008	356.41	15.26	0	341.15	1.34	66	--	91	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/2/2008	356.41	17.97	0	338.44	-2.71	51	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.70	
3/6/2009	356.41	15.89	0	340.52	2.08	ND<50	--	90	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/21/2009	356.41	17.80	0	338.61	-1.91	ND<50	--	260	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/14/2010	356.41	18.12	0	338.29	-0.32	66	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/13/2010	359.16	16.07	0	343.09	4.80	87	55	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/17/2011	359.16	15.37	0	343.79	0.70	ND<50	55	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5															
4/23/1998	355.03	11.15	0	343.88	--	--	120	--	0.53	0.90	1.0	3.8	13	--	
7/8/1998	355.03	12.63	0	342.40	-1.48	170	ND	--	ND	ND	ND	ND	12	--	
10/5/1998	355.03	14.00	0	341.03	-1.37	--	ND	--	ND	ND	ND	ND	12	--	
1/4/1999	355.03	15.21	0	339.82	-1.21	ND	ND	--	ND	ND	ND	ND	ND	--	
4/5/1999	355.03	13.76	0	341.27	1.45	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/1/1999	355.03	14.48	0	340.55	-0.72	ND	ND	--	ND	ND	ND	ND	ND	2.3	
9/30/1999	355.03	15.15	0	339.88	-0.67	60.4	50.8	--	ND	ND	ND	ND	ND	ND	
9/30/1999	355.03	15.15	0	339.88	-0.67	ND	--	--	--	--	--	--	--	--	
1/3/2000	355.03	16.34	0	338.69	-1.19	ND	ND	--	ND	ND	ND	ND	ND	ND	
4/4/2000	355.03	12.90	0	342.13	3.44	ND	--	--	--	--	--	--	--	--	
4/4/2000	355.03	12.90	0	342.13	3.44	69	ND	--	ND	ND	ND	ND	ND	ND	
7/14/2000	355.03	14.48	0	340.55	-1.58	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/27/2000	355.03	15.75	0	339.28	-1.27	ND	ND	--	ND	ND	ND	ND	ND	ND	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
76 Station 7176

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
1/8/2001	355.03	15.25	0	339.78	0.50	--	ND	--	ND	ND	ND	ND	ND	ND	
4/3/2001	355.03	14.41	0	340.62	0.84	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/6/2001	355.03	15.52	0	339.51	-1.11	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/5/2001	355.03	16.28	0	338.75	-0.76	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
1/3/2002	355.03	14.01	0	341.02	2.27	ND<51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.6	
4/1/2002	355.03	13.64	0	341.39	0.37	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	3.5	
7/1/2002	355.03	14.51	0	340.52	-0.87	ND<60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	
1/24/2003	355.03	13.53	0	341.50	0.98	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	
7/28/2003	355.03	14.40	0	340.63	-0.87	ND<50	--	ND<50	ND<0.50	ND<0.50	ND0.50	ND<1.0	--	3.4	
2/4/2004	355.03	14.41	0	340.62	-0.01	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.6	
7/2/2004	355.03	15.41	0	339.62	-1.00	ND<200	--	80	ND<0.5	ND<0.5	ND<0.5	ND<1	--	2.0	
1/11/2005	355.03	13.74	0	341.29	1.67	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.64	
7/8/2005	355.03	13.24	0	341.79	0.50	ND<50	--	--	--	--	--	--	--	--	
7/8/2005	355.03	13.24	0	341.79	0.50	220	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/6/2006	355.03	14.33	0	340.70	-1.09	ND<200	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/11/2006	355.03	14.91	0	340.12	-0.58	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
2/16/2007	355.03	15.13	0	339.90	-0.22	ND<56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
7/3/2007	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
2/1/2008	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
9/2/2008	355.03	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
3/6/2009	355.03	14.56	0	340.47	--	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/21/2009	355.03	16.69	0	338.34	-2.13	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/14/2010	355.03	16.94	0	338.09	-0.25	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/13/2010	357.80	15.01	0	342.79	4.70	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/17/2011	357.80	14.35	0	343.45	0.66	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-1															
7/8/1995	355.62	12.59	0	343.03	--	9400	39000	--	1500	19	1600	5200	--	--	
10/12/1995	355.62	15.38	0	340.24	-2.79	4200	33000	--	1400	ND	1400	3100	--	--	
1/11/1996	355.62	16.33	0	339.29	-0.95	8200	8300	--	690	11	680	1500	--	--	
4/11/1996	355.62	12.20	0	343.42	4.13	5630	3200	--	110	ND	180	290	790	--	
7/10/1996	355.62	13.84	0	341.78	-1.64	2200	2600	--	81	4.4	210	230	510	--	
10/30/1996	355.62	15.85	0	339.77	-2.01	560	2200	--	67	19	140	150	360	--	
1/27/1997	355.62	12.20	0	343.42	3.65	2300	4600	--	98	ND	360	290	150	--	
4/8/1997	355.62	13.46	0	342.16	-1.26	1300	2800	--	50	ND	220	140	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
7/17/1997	355.62	15.30	0	340.32	-1.84	460	2300	--	30	4.5	140	94	190	--	
10/17/1997	355.62	16.33	0	339.29	-1.03	510	1500	--	31	6.7	110	88	220	--	
1/19/1998	355.62	14.34	0	341.28	1.99	1300	--	--	--	--	--	--	--	--	
1/19/1998	355.62	14.34	0	341.28	1.99	1900	3100	--	46	3.4	310	200	170	--	
4/23/1998	355.59	11.16	0	344.43	3.15	--	3400	--	72	3.8	470	350	280	--	
7/8/1998	355.59	12.67	0	342.92	-1.51	2000	4500	--	51	ND	590	430	190	--	
10/5/1998	355.59	14.57	0	341.02	-1.90	--	7500	--	53	ND	680	350	190	180	
1/4/1999	355.59	15.35	0	340.24	-0.78	2500	--	--	--	--	--	--	--	--	
1/4/1999	355.59	15.35	0	340.24	-0.78	2700	10000	--	ND	ND	1200	540	--	ND	
4/5/1999	355.59	13.64	0	341.95	1.71	920	4900	--	34	ND	350	150	150	55	
4/5/1999	355.59	13.64	0	341.95	1.71	570	--	--	--	--	--	--	--	--	
7/1/1999	355.59	14.39	0	341.20	-0.75	2700	10000	--	45	ND	850	420	260	110	
7/1/1999	355.59	14.39	0	341.20	-0.75	3600	--	--	--	--	--	--	--	--	
9/30/1999	355.59	15.32	0	340.27	-0.93	2360	7150	--	ND	ND	415	84.4	ND	195	
9/30/1999	355.59	15.32	0	340.27	-0.93	1680	--	--	--	--	--	--	--	--	
1/3/2000	355.59	16.51	0	339.08	-1.19	2000	5400	--	28	8.4	180	33	160	120	
1/3/2000	355.59	16.51	0	339.08	-1.19	1700	--	--	--	--	--	--	--	--	
4/4/2000	355.59	12.89	0	342.70	3.62	990	4800	--	30	ND	210	93	170	160	
4/4/2000	355.59	12.89	0	342.70	3.62	1400	--	--	--	--	--	--	--	--	
7/14/2000	355.59	14.56	0	341.03	-1.67	2800	6200	--	41	16	170	32	170	120	
7/14/2000	355.59	14.56	0	341.03	-1.67	1200	--	--	--	--	--	--	--	--	
10/27/2000	355.59	15.96	0	339.63	-1.40	1400	3830	--	16.8	ND	68.6	7.99	55.2	38	
10/27/2000	355.59	15.96	0	339.63	-1.40	1300	--	--	--	--	--	--	--	--	
1/8/2001	355.59	15.72	0	339.87	0.24	--	2410	--	14.7	4.30	30.5	5.04	34.5	9.33	
4/3/2001	355.59	14.46	0	341.13	1.26	1500	3330	--	15.8	5.96	74.8	7.06	ND	13.3	
4/3/2001	355.59	14.46	0	341.13	1.26	830	--	--	--	--	--	--	--	--	
7/6/2001	355.59	15.65	0	339.94	-1.19	1200	--	--	--	--	--	--	--	--	
7/6/2001	355.59	15.65	0	339.94	-1.19	1600	4300	--	23	6.4	57	6.8	58	36	
10/5/2001	355.59	16.45	0	339.14	-0.80	2300	--	--	--	--	--	--	--	--	
10/5/2001	355.59	16.45	0	339.14	-0.80	2500	3800	--	19	ND<5.0	19	ND<5.0	64	36	
1/3/2002	355.59	14.18	0	341.41	2.27	2200	--	--	--	--	--	--	--	--	
1/3/2002	355.59	14.18	0	341.41	2.27	2200	4500	--	25	ND<10	24	ND<10	ND<100	23	
4/1/2002	355.59	13.72	0	341.87	0.46	1200	--	--	--	--	--	--	--	--	
4/1/2002	355.59	13.72	0	341.87	0.46	1800	5300	--	36	6.7	48	12	93	59	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
7/1/2002	355.59	14.61	0	340.98	-0.89	2100	--	3900	ND<0.50	ND<0.50	ND<0.50	3.9	--	23	
7/1/2002	355.59	14.61	0	340.98	-0.89	2100	--	--	--	--	--	--	--	--	
1/24/2003	355.59	13.82	0	341.77	0.79	1700	--	--	--	--	--	--	--	--	
1/24/2003	355.59	13.82	0	341.77	0.79	2100	--	3400	ND<2.5	ND<2.5	37	ND<5.0	--	21	
7/28/2003	355.59	14.51	0	341.08	-0.69	2100	--	7100	ND<2.5	ND<2.5	12	ND<5	13	13	
7/28/2003	355.59	14.51	0	341.08	-0.69	1200	--	--	--	--	--	--	--	--	
2/4/2004	355.59	14.66	0	340.93	-0.15	1300	--	4000	ND<0.50	ND<0.50	13	ND<1.0	--	9.6	
7/2/2004	355.59	16.57	0	339.02	-1.91	400	--	2600	0.56	ND<0.5	5.3	ND<1	--	5.4	
1/11/2005	355.59	13.91	0	341.68	2.66	1500	--	--	--	--	--	--	--	--	
1/11/2005	355.59	13.91	0	341.68	2.66	2000	--	5000	0.59	ND<0.50	7.8	ND<1.0	--	4.2	
7/8/2005	355.59	13.26	0	342.33	0.65	1300	--	3100	ND<0.50	ND<0.50	4.3	ND<1.0	--	2.2	
1/6/2006	355.59	14.64	0	340.95	-1.38	1200	--	2200	ND<0.50	ND<0.50	3.1	ND<1.0	--	2.8	
9/11/2006	355.59	15.11	0	340.48	-0.47	1200	--	2700	ND<0.50	ND<0.50	2.0	0.79	--	1.6	
2/16/2007	355.59	15.38	0	340.21	-0.27	2000	--	3700	ND<0.50	ND<0.50	3.1	0.81	--	2.4	
7/3/2007	355.59	15.60	0	339.99	-0.22	890	--	--	--	--	--	--	--	--	
7/3/2007	355.59	15.60	0	339.99	-0.22	950	--	2300	ND<0.50	ND<0.50	1.6	0.74	--	0.89	
2/1/2008	355.59	14.28	0	341.31	1.32	1100	--	3100	0.88	ND<0.50	1.6	ND<1.0	--	ND<0.50	
9/2/2008	355.59	16.97	0	338.62	-2.69	960	--	3300	ND<1.0	ND<1.0	1.4	ND<2.0	--	ND<1.0	
3/6/2009	355.59	14.95	0	340.64	2.02	670	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.7	
8/21/2009	355.59	16.90	0	338.69	-1.95	620	--	1600	ND<0.50	ND<0.50	0.66	ND<1.0	--	ND<0.50	
1/14/2010	355.59	17.19	0	338.40	-0.29	800	--	1700	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	ND<1.0	
8/13/2010	358.36	15.15	0	343.21	4.81	540	1000	2000	ND<0.50	ND<0.50	0.68	ND<1.0	--	ND<0.50	
1/17/2011	358.36	14.50	0	343.86	0.65	670	1200	2100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-2															
7/8/1995	356.59	12.68	0	343.91	--	4700	17000	--	430	ND	2200	590	--	--	
10/12/1995	356.59	16.01	0	340.58	-3.33	3600	24000	--	310	60	1900	190	--	--	
1/11/1996	356.59	17.06	0	339.53	-1.05	8600	10000	--	210	55	1400	240	--	--	
4/11/1996	356.59	12.75	0	343.84	4.31	1900	7700	--	130	27	1100	110	340	--	
7/10/1996	356.59	14.42	0	342.17	-1.67	2300	5600	--	59	15	610	42	250	--	
10/30/1996	356.59	16.82	0	339.77	-2.40	1800	7700	--	67	35	1000	54	260	--	
1/27/1997	356.59	12.91	0	343.68	3.91	660	1600	--	14	ND	130	7.0	100	--	
4/8/1997	356.59	14.07	0	342.52	-1.16	2000	4300	--	35	ND	400	16	ND	--	
7/17/1997	356.59	15.96	0	340.63	-1.89	1300	6200	--	17	22	410	ND	130	--	
10/17/1997	356.59	17.03	0	339.56	-1.07	1400	7100	--	71	26	520	50	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
1/19/1998	356.59	15.10	0	341.49	1.93	1500	--	--	--	--	--	--	--	--	
1/19/1998	356.59	15.10	0	341.49	1.93	2100	5300	--	46	11	350	16	110	--	
4/23/1998	356.55	11.74	0	344.81	3.32	--	3200	--	23	11	210	38	160	--	
7/8/1998	356.55	13.27	0	343.28	-1.53	1100	1600	--	34	8.5	100	7.4	190	--	
10/5/1998	356.55	14.90	0	341.65	-1.63	--	2900	--	37	8.4	110	7.3	78	--	
1/4/1999	356.55	15.94	0	340.61	-1.04	250	--	--	--	--	--	--	--	--	
1/4/1999	356.55	15.94	0	340.61	-1.04	670	2200	--	35	ND	17	ND	86	--	
4/5/1999	356.55	14.19	0	342.36	1.75	660	4900	--	21	77	130	310	100	6.9	
4/5/1999	356.55	14.19	0	342.36	1.75	490	--	--	--	--	--	--	--	--	
7/1/1999	356.55	14.98	0	341.57	-0.79	440	--	--	--	--	--	--	--	--	
7/1/1999	356.55	14.98	0	341.57	-0.79	210	1500	--	7.6	ND	ND	ND	ND	35	
9/30/1999	356.55	16.00	0	340.55	-1.02	483	256	--	1.85	ND	2.42	ND	26.3	29.8	
9/30/1999	356.55	16.00	0	340.55	-1.02	340	--	--	--	--	--	--	--	--	
1/3/2000	356.55	17.20	0	339.35	-1.20	2400	3400	--	23	13	ND	44	46	14	
1/3/2000	356.55	17.20	0	339.35	-1.20	1900	--	--	--	--	--	--	--	--	
4/4/2000	356.55	13.50	0	343.05	3.70	1000	3600	--	34	17	56	ND	59	25	
4/4/2000	356.55	13.50	0	343.05	3.70	1000	--	--	--	--	--	--	--	--	
7/14/2000	356.55	15.23	0	341.32	-1.73	1000	3100	--	16	13	15	10	100	19	
7/14/2000	356.55	15.23	0	341.32	-1.73	350	--	--	--	--	--	--	--	--	
10/27/2000	356.55	16.74	0	339.81	-1.51	2000	4180	--	30.4	10.2	14.6	ND	55.5	15	
10/27/2000	356.55	16.74	0	339.81	-1.51	1900	--	--	--	--	--	--	--	--	
1/8/2001	356.55	16.68	0	339.87	0.06	--	3300	--	33.5	7.32	3.49	ND	66.7	7.49	
4/3/2001	356.55	15.12	0	341.43	1.56	1500	4290	--	32.4	9.91	20.1	ND	66.6	18.1	
4/3/2001	356.55	15.12	0	341.43	1.56	830	--	--	--	--	--	--	--	--	
7/6/2001	356.55	16.32	0	340.23	-1.20	1100	--	--	--	--	--	--	--	--	
7/6/2001	356.55	16.32	0	340.23	-1.20	1400	4700	--	35	11	12	5.3	62	19	
10/5/2001	356.55	17.15	0	339.40	-0.83	3200	3600	--	31	9.6	8.7	6.9	62	13	
10/5/2001	356.55	17.15	0	339.40	-0.83	1900	--	--	--	--	--	--	--	--	
1/3/2002	356.55	14.90	0	341.65	2.25	2100	--	--	--	--	--	--	--	--	
1/3/2002	356.55	14.90	0	341.65	2.25	2300	4600	--	34	11	15	5.8	62	7.5	
4/1/2002	356.55	14.38	0	342.17	0.52	470	--	--	--	--	--	--	--	--	
4/1/2002	356.55	14.38	0	342.17	0.52	1400	3500	--	38	9.3	10	6.5	87	18	
7/1/2002	356.55	15.24	0	341.31	-0.86	ND<50	--	4500	ND<0.50	ND<0.50	5.0	1.7	--	ND<0.50	
1/24/2003	356.55	14.31	0	342.24	0.93	860	--	2300	1.1	1.5	6.9	2.4	--	5.9	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
76 Station 7176

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
1/24/2003	356.55	14.31	0	342.24	0.93	570	--	--	--	--	--	--	--	--	
7/28/2003	356.55	15.18	0	341.37	-0.87	710	--	--	--	--	--	--	--	--	
7/28/2003	356.55	15.18	0	341.37	-0.87	1300	--	5600	ND<2.5	ND<2.5	3.4	ND<5	ND<10	ND<10	
2/4/2004	356.55	15.36	0	341.19	-0.18	1300	--	4400	ND<5.0	ND<5.0	7.0	ND<10	--	ND<20	
7/2/2004	356.55	16.28	0	340.27	-0.92	380	--	5700	1.4	2.8	6.6	5.5	--	6.6	
1/11/2005	356.55	14.59	0	341.96	1.69	1100	--	--	--	--	--	--	--	--	
1/11/2005	356.55	14.59	0	341.96	1.69	1800	--	5800	0.99	2.5	5.4	5.1	--	ND<5.0	
7/8/2005	356.55	13.97	0	342.58	0.62	1100	--	3000	0.56	1.9	3.0	3.2	--	5.0	
7/8/2005	356.55	13.97	0	342.58	0.62	960	--	--	--	--	--	--	--	--	
1/6/2006	356.55	15.30	0	341.25	-1.33	1100	--	1600	ND<0.50	ND<0.50	0.97	ND<1.0	--	2.1	
9/11/2006	356.55	15.62	0	340.93	-0.32	790	--	2300	ND<0.50	ND<0.50	1.0	1.0	--	2.7	
2/16/2007	356.55	16.01	0	340.54	-0.39	200	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.2	
7/3/2007	356.55	16.27	0	340.28	-0.26	530	--	--	--	--	--	--	--	--	
7/3/2007	356.55	16.27	0	340.28	-0.26	540	--	1400	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.5	
2/1/2008	356.55	15.02	0	341.53	1.25	340	--	830	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
9/2/2008	356.55	17.71	0	338.84	-2.69	300	--	1500	ND<0.50	ND<0.50	0.73	ND<1.0	--	0.80	
3/6/2009	356.55	15.60	0	340.95	2.11	77	--	630	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	
8/21/2009	356.55	17.60	0	338.95	-2.00	350	--	1600	ND<0.50	0.67	0.72	1.1	--	0.66	
1/14/2010	356.55	18.94	0	337.61	-1.34	440	--	1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/13/2010	359.32	15.84	0	343.48	5.87	310	930	1500	ND<0.50	0.53	0.77	1.2	--	0.69	
1/17/2011	359.32	15.27	0	344.05	0.57	360	560	1100	ND<0.50	ND<0.50	0.59	ND<1.0	--	0.63	
U-3															
7/8/1995	358.13	14.58	0	343.55	--	710	1100	--	0.57	2.1	1.7	2.4	--	--	
10/12/1995	358.13	17.60	0	340.53	-3.02	470	560	--	ND	0.87	0.7	1.1	--	--	
1/11/1996	358.13	18.65	0	339.48	-1.05	260	230	--	0.62	0.91	0.97	1.9	--	--	
4/11/1996	358.13	13.20	0	344.93	5.45	ND	68	--	ND	ND	ND	ND	ND	--	
7/10/1996	358.13	15.98	0	342.15	-2.78	ND	ND	--	ND	ND	ND	ND	ND	--	
10/30/1996	358.13	18.24	0	339.89	-2.26	ND	70	--	ND	ND	ND	ND	ND	--	
1/27/1997	358.13	14.41	0	343.72	3.83	ND	ND	--	ND	ND	ND	ND	ND	--	
4/8/1997	358.13	15.73	0	342.40	-1.32	ND	ND	--	ND	ND	ND	ND	ND	--	
7/17/1997	358.13	17.54	0	340.59	-1.81	ND	ND	--	ND	ND	ND	ND	ND	--	
10/17/1997	358.13	18.64	0	339.49	-1.10	63	ND	--	ND	ND	ND	ND	ND	--	
1/19/1998	358.13	16.67	0	341.46	1.97	68	ND	--	ND	ND	ND	ND	ND	--	
1/19/1998	358.13	16.67	0	341.46	1.97	ND	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
76 Station 7176

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
4/23/1998	358.09	13.28	0	344.81	3.35	--	ND	--	ND	ND	ND	ND	ND	--	
7/8/1998	358.09	14.90	0	343.19	-1.62	80	ND	--	ND	ND	ND	ND	ND	--	
10/5/1998	358.09	16.50	0	341.59	-1.60	--	ND	--	ND	ND	ND	ND	ND	--	
1/4/1999	358.09	17.70	0	340.39	-1.20	ND	ND	--	ND	ND	ND	ND	ND	--	
4/5/1999	358.09	15.67	0	342.42	2.03	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/1/1999	358.09	16.79	0	341.30	-1.12	ND	ND	--	ND	ND	ND	ND	ND	ND	
9/30/1999	358.09	17.60	0	340.49	-0.81	ND	ND	--	ND	ND	ND	ND	ND	ND	
1/3/2000	358.09	18.86	0	339.23	-1.26	ND	ND	--	ND	ND	ND	ND	ND	ND	
4/4/2000	358.09	15.10	0	342.99	3.76	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/14/2000	358.09	16.85	0	341.24	-1.75	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/27/2000	358.09	18.35	0	339.74	-1.50	ND	ND	--	ND	ND	ND	ND	ND	ND	
1/8/2001	358.09	18.31	0	339.78	0.04	--	ND	--	ND	ND	ND	ND	ND	ND	
4/3/2001	358.09	16.70	0	341.39	1.61	ND	ND	--	ND	ND	ND	ND	ND	ND	
7/6/2001	358.09	17.90	0	340.19	-1.20	ND	ND	--	ND	ND	ND	ND	ND	ND	
10/5/2001	358.09	18.71	0	339.38	-0.81	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
1/3/2002	358.09	16.41	0	341.68	2.30	ND<52	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
4/1/2002	358.09	15.87	0	342.22	0.54	ND<50	ND<50	--	ND<0.50	1.1	ND<0.50	1.2	ND<5.0	ND<2.0	
7/1/2002	358.09	16.77	0	341.32	-0.90	1500	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/24/2003	358.09	15.75	0	342.34	1.02	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	ND<2.019	
7/28/2003	358.09	16.74	0	341.35	-0.99	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	ND<2	ND<2	
2/4/2004	358.09	16.87	0	341.22	-0.13	90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
7/2/2004	358.09	17.87	0	340.22	-1.00	ND<200	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<0.5	
1/11/2005	358.09	16.10	0	341.99	1.77	ND<50	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/8/2005	358.09	15.57	0	342.52	0.53	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/6/2006	358.09	16.94	0	341.15	-1.37	ND<200	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/11/2006	358.09	17.49	0	340.60	-0.55	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
2/16/2007	358.09	17.71	0	340.38	-0.22	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
7/3/2007	358.09	17.91	0	340.18	-0.20	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
2/1/2008	358.09	16.52	0	341.57	1.39	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/2/2008	358.09	19.32	0	338.77	-2.80	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/6/2009	358.09	17.24	0	340.85	2.08	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/21/2009	358.09	19.13	0	338.96	-1.89	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/14/2010	358.09	19.54	0	338.55	-0.41	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/13/2010	360.87	17.38	0	343.49	4.94	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 17, 2011
76 Station 7176

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
1/17/2011	360.87	16.70	0	344.17	0.68	ND<50	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-benzene (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Comments
MW-4													
4/5/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/1/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
9/30/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/3/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/4/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/14/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/27/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/8/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/3/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/6/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/5/2001	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
1/3/2002	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	
4/1/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/1/2002	ND<5.0	ND<25	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
1/24/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/28/2003	ND<100	ND<500	ND<2	--	ND<2	ND<2	ND<2	ND<2	--	--	--	--	
2/4/2004	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/2/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	
1/11/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
7/8/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/6/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/11/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/16/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
7/3/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/1/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/2/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
3/6/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/21/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/14/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/13/2010	ND<10	ND<250	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
MW-5													
4/5/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/1/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-benzene (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Comments
9/30/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/3/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/4/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/14/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/27/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/8/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/3/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/6/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/5/2001	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
1/3/2002	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	
4/1/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/1/2002	ND<5.0	ND<25	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
1/24/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/28/2003	ND<100	ND<500	ND<2	--	ND<2	ND<2	ND<2	ND<2	--	--	--	--	
2/4/2004	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/2/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	
1/11/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
7/8/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/6/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/11/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/16/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
3/6/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/21/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/14/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/13/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-1													
4/5/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/1/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
9/30/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/3/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/4/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/14/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/27/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/8/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-benzene (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Comments
4/3/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/6/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/5/2001	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
1/3/2002	ND<100	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	
4/1/2002	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--	
7/1/2002	ND<5.0	ND<25	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
1/24/2003	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--	
7/28/2003	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--	
2/4/2004	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/2/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	
1/11/2005	5.2	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
7/8/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/6/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/11/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/16/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
7/3/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/1/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/2/2008	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	
3/6/2009	16	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/21/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/14/2010	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	
8/13/2010	ND<10	ND<250	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-2													
4/5/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/1/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
9/30/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/3/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/4/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/14/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/27/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/8/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/3/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/6/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/5/2001	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-benzene (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Comments
1/3/2002	ND<100	ND<2500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	
4/1/2002	ND<200	ND<1000	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--	--	--	
7/1/2002	ND<5.0	ND<25	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
1/24/2003	ND<200	ND<1000	ND<4.0	--	ND<4.0	ND<4.0	ND<4.0	ND<4.0	--	--	--	--	
7/28/2003	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--	--	--	
2/4/2004	ND<1000	ND<5000	ND<20	--	ND<20	ND<20	ND<20	ND<20	--	--	--	--	
7/2/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	
1/11/2005	ND<50	ND<500	ND<5.0	--	ND<5.0	ND<10	ND<5.0	ND<5.0	--	--	--	--	
7/8/2005	ND<50	ND<500	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	
1/6/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/11/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/16/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
7/3/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/1/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/2/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
3/6/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/21/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/14/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/13/2010	ND<10	ND<250	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-3													
4/5/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/1/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
9/30/1999	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/3/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/4/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/14/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/27/2000	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
1/8/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
4/3/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
7/6/2001	ND	ND	ND	--	ND	ND	ND	ND	--	--	--	--	
10/5/2001	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
1/3/2002	ND<20	ND<500	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	
4/1/2002	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/1/2002	ND<5.0	ND<25	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Bromo-benzene (µg/l)	Bromo-chloro-methane (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Comments
1/24/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/28/2003	ND<100	ND<500	ND<2	--	ND<2	ND<2	ND<2	ND<2	--	--	--	--	
2/4/2004	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	
7/2/2004	ND<12	ND<800	ND<0.5	--	ND<0.5	ND<1	ND<1	ND<1	--	--	--	--	
1/11/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	--	--	--	
7/8/2005	ND<5.0	ND<50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/6/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/11/2006	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/16/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
7/3/2007	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
2/1/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
9/2/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
3/6/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/21/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
1/14/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	
8/13/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Bromo-methane (µg/l)	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Comments
MW-4													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<1.0	1.2	0.54	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
1/17/2011	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
MW-5													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Bromo-methane (µg/l)	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Comments
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
1/17/2011	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
U-1													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Bromo-methane (µg/l)	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Comments
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<1.0	36	21	2.4	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
1/17/2011	ND<1.0	39	ND<0.50	2.6	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
U-2													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Bromo-methane (µg/l)	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Comments
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<1.0	8.1	11	5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
1/17/2011	ND<1.0	4.4	ND<0.50	4.7	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
U-3													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2b
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Bromo-methane (µg/l)	n-Butyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	tert-Butyl benzene (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	2-Chloro-toluene (µg/l)	4-Chloro-toluene (µg/l)	1,2Dibrom-3-chloro-propane (µg/l)	Comments
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	
1/17/2011	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-chloro-methane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	1,3-Dichloro-propane (µg/l)	Comments
MW-4													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
MW-5													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-chloro-methane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	1,3-Dichloro-propane (µg/l)	Comments
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-1													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-chloro-methane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	1,3-Dichloro-propane (µg/l)	Comments
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-2													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-chloro-methane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	1,3-Dichloro-propane (µg/l)	Comments
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-3													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2c
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Dibromo-chloro-methane (µg/l)	Dibromo-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	1,3-Dichloro-propane (µg/l)	Comments
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2-Dichloropropane (µg/l)	1,1-Dichloropropene (µg/l)	cis-1,3-Dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Hexachlorobutadiene (µg/l)	Isopropylbenzene (µg/l)	p-Isopropyltoluene (µg/l)	Methylene chloride (µg/l)	Naphthalene (µg/l)	n-Propylbenzene (µg/l)	Styrene (µg/l)	1,1,1,2-Tetrachloroethane (µg/l)	Comments
MW-4													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
MW-5													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2-Dichloropropane (µg/l)	1,1-Dichloropropene (µg/l)	cis-1,3-Dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Hexachlorobutadiene (µg/l)	Isopropylbenzene (µg/l)	p-Isopropyltoluene (µg/l)	Methylene chloride (µg/l)	Naphthalene (µg/l)	n-Propylbenzene (µg/l)	Styrene (µg/l)	1,1,1,2-Tetrachloroethane (µg/l)	Comments
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
U-1													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2-Dichloropropane (µg/l)	1,1-Dichloropropene (µg/l)	cis-1,3-Dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Hexachlorobutadiene (µg/l)	Isopropylbenzene (µg/l)	p-Isopropyltoluene (µg/l)	Methylene chloride (µg/l)	Naphthalene (µg/l)	n-Propylbenzene (µg/l)	Styrene (µg/l)	1,1,1,2-Tetrachloroethane (µg/l)	Comments
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	0.80	ND<1.0	ND<0.50	76	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17	ND<0.50	ND<1.0	ND<0.50	67	ND<0.50	ND<0.50	
U-2													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2-Dichloropropane (µg/l)	1,1-Dichloropropene (µg/l)	cis-1,3-Dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Hexachlorobutadiene (µg/l)	Isopropylbenzene (µg/l)	p-Isopropyltoluene (µg/l)	Methylene chloride (µg/l)	Naphthalene (µg/l)	n-Propylbenzene (µg/l)	Styrene (µg/l)	1,1,1,2-Tetrachloroethane (µg/l)	Comments
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	21	ND<0.50	ND<1.0	ND<0.50	43	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	15	ND<0.50	ND<1.0	ND<0.50	25	ND<0.50	ND<0.50	
U-3													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2d
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	2,2-Dichloro-propane (µg/l)	1,1-Dichloro-propene (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Hexa-chloro-butadiene (µg/l)	Isopropyl-benzene (µg/l)	p-Isopropyl-toluene (µg/l)	Methylene chloride (µg/l)	Naph-thalene (µg/l)	n-Propyl-benzene (µg/l)	Styrene (µg/l)	1,1,1,2-Tetrachloro-ethane (µg/l)	Comments
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,2,3-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	1,2,3-Trichloro-propane (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Comments
MW-4													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
MW-5													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,2,3-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	1,2,3-Trichloro-propane (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Comments
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
U-1													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,2,3-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	1,2,3-Trichloro-propane (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Comments
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	31	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
U-2													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,2,3-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	1,2,3-Trichloro-propane (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Comments
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
U-3													
4/5/1999	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/1999	--	--	--	--	--	--	--	--	--	--	--	--	
9/30/1999	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2000	--	--	--	--	--	--	--	--	--	--	--	--	
4/4/2000	--	--	--	--	--	--	--	--	--	--	--	--	
7/14/2000	--	--	--	--	--	--	--	--	--	--	--	--	
10/27/2000	--	--	--	--	--	--	--	--	--	--	--	--	
1/8/2001	--	--	--	--	--	--	--	--	--	--	--	--	
4/3/2001	--	--	--	--	--	--	--	--	--	--	--	--	
7/6/2001	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2e
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,2,3-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	1,2,3-Trichloro-propane (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	Comments
10/5/2001	--	--	--	--	--	--	--	--	--	--	--	--	
1/3/2002	--	--	--	--	--	--	--	--	--	--	--	--	
4/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
7/1/2002	--	--	--	--	--	--	--	--	--	--	--	--	
1/24/2003	--	--	--	--	--	--	--	--	--	--	--	--	
7/28/2003	--	--	--	--	--	--	--	--	--	--	--	--	
2/4/2004	--	--	--	--	--	--	--	--	--	--	--	--	
7/2/2004	--	--	--	--	--	--	--	--	--	--	--	--	
1/11/2005	--	--	--	--	--	--	--	--	--	--	--	--	
7/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	
1/6/2006	--	--	--	--	--	--	--	--	--	--	--	--	
9/11/2006	--	--	--	--	--	--	--	--	--	--	--	--	
2/16/2007	--	--	--	--	--	--	--	--	--	--	--	--	
7/3/2007	--	--	--	--	--	--	--	--	--	--	--	--	
2/1/2008	--	--	--	--	--	--	--	--	--	--	--	--	
9/2/2008	--	--	--	--	--	--	--	--	--	--	--	--	
3/6/2009	--	--	--	--	--	--	--	--	--	--	--	--	
8/21/2009	--	--	--	--	--	--	--	--	--	--	--	--	
1/14/2010	--	--	--	--	--	--	--	--	--	--	--	--	
8/13/2010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	
1/17/2011	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride (µg/l)	Comments
MW-4		
4/5/1999	--	
7/1/1999	--	
9/30/1999	--	
1/3/2000	--	
4/4/2000	--	
7/14/2000	--	
10/27/2000	--	
1/8/2001	--	
4/3/2001	--	
7/6/2001	--	
10/5/2001	--	
1/3/2002	--	
4/1/2002	--	
7/1/2002	--	
1/24/2003	--	
7/28/2003	--	
2/4/2004	--	
7/2/2004	--	
1/11/2005	--	
7/8/2005	--	
1/6/2006	--	
9/11/2006	--	
2/16/2007	--	
7/3/2007	--	
2/1/2008	--	
9/2/2008	--	
3/6/2009	--	
8/21/2009	--	
1/14/2010	--	
8/13/2010	ND<0.50	
1/17/2011	ND<0.50	
MW-5		
4/5/1999	--	
7/1/1999	--	

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride (µg/l)	Comments
9/30/1999	--	
1/3/2000	--	
4/4/2000	--	
7/14/2000	--	
10/27/2000	--	
1/8/2001	--	
4/3/2001	--	
7/6/2001	--	
10/5/2001	--	
1/3/2002	--	
4/1/2002	--	
7/1/2002	--	
1/24/2003	--	
7/28/2003	--	
2/4/2004	--	
7/2/2004	--	
1/11/2005	--	
7/8/2005	--	
1/6/2006	--	
9/11/2006	--	
2/16/2007	--	
3/6/2009	--	
8/21/2009	--	
1/14/2010	--	
8/13/2010	ND<0.50	
1/17/2011	ND<0.50	
U-1		
4/5/1999	--	
7/1/1999	--	
9/30/1999	--	
1/3/2000	--	
4/4/2000	--	
7/14/2000	--	
10/27/2000	--	
1/8/2001	--	

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride (µg/l)	Comments
4/3/2001	--	
7/6/2001	--	
10/5/2001	--	
1/3/2002	--	
4/1/2002	--	
7/1/2002	--	
1/24/2003	--	
7/28/2003	--	
2/4/2004	--	
7/2/2004	--	
1/11/2005	--	
7/8/2005	--	
1/6/2006	--	
9/11/2006	--	
2/16/2007	--	
7/3/2007	--	
2/1/2008	--	
9/2/2008	--	
3/6/2009	--	
8/21/2009	--	
1/14/2010	--	
8/13/2010	ND<0.50	
1/17/2011	ND<0.50	
U-2		
4/5/1999	--	
7/1/1999	--	
9/30/1999	--	
1/3/2000	--	
4/4/2000	--	
7/14/2000	--	
10/27/2000	--	
1/8/2001	--	
4/3/2001	--	
7/6/2001	--	
10/5/2001	--	

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride (µg/l)	Comments
1/3/2002	--	
4/1/2002	--	
7/1/2002	--	
1/24/2003	--	
7/28/2003	--	
2/4/2004	--	
7/2/2004	--	
1/11/2005	--	
7/8/2005	--	
1/6/2006	--	
9/11/2006	--	
2/16/2007	--	
7/3/2007	--	
2/1/2008	--	
9/2/2008	--	
3/6/2009	--	
8/21/2009	--	
1/14/2010	--	
8/13/2010	ND<0.50	
1/17/2011	ND<0.50	
U-3		
4/5/1999	--	
7/1/1999	--	
9/30/1999	--	
1/3/2000	--	
4/4/2000	--	
7/14/2000	--	
10/27/2000	--	
1/8/2001	--	
4/3/2001	--	
7/6/2001	--	
10/5/2001	--	
1/3/2002	--	
4/1/2002	--	
7/1/2002	--	

Table 2f
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 7176

Date Sampled	Vinyl chloride (µg/l)	Comments
1/24/2003	--	
7/28/2003	--	
2/4/2004	--	
7/2/2004	--	
1/11/2005	--	
7/8/2005	--	
1/6/2006	--	
9/11/2006	--	
2/16/2007	--	
7/3/2007	--	
2/1/2008	--	
9/2/2008	--	
3/6/2009	--	
8/21/2009	--	
1/14/2010	--	
8/13/2010	ND<0.50	
1/17/2011	ND<0.50	

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Enviros
19411 Riverside Dr.
Sonoma, CA 95476

Client Proj. ID: Unocal #7176, Dublin
Lab Proj. ID: 9411492

Sampled: 11/07/94
Received: 11/08/94
Analyzed: see below

Attention: CGalantine/DVossler

Reported: 11/16/94

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9411492-04				
Sample Desc : SOLID,UOW-1				
Cadmium	mg/Kg	11/09/94	0.50	N.D.
Chromium	mg/Kg	11/09/94	0.50	31
Lead	mg/Kg	11/09/94	5.0	7.1
Nickel	mg/Kg	11/09/94	2.5	35
TRPH (SM 5520 E&F)	mg/Kg	11/09/94	50	N.D.
Zinc	mg/Kg	11/09/94	0.50	35

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Enviros
19411 Riverside Dr.
Sonoma, CA 95476

Attention: CGalantine/DVossler

Client Proj. ID: Unocal #7176, Dublin
Sample Descript: UOW-1
Matrix: SOLID
Analysis Method: EPA 8240
Lab Number: 9411492-04

Sampled: 11/07/94
Received: 11/08/94
Extracted: 11/09/94
Analyzed: 11/11/94
Reported: 11/16/94

QC Batch Number: MS1109948240EXA
Instrument ID: F2

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acetone	500	N.D.
Benzene	100	N.D.
Bromodichloromethane	100	N.D.
Bromoform	100	N.D.
Bromomethane	100	N.D.
2-Butanone	500	N.D.
Carbon disulfide	100	N.D.
Carbon tetrachloride	100	N.D.
Chlorobenzene	100	N.D.
Chloroethane	100	N.D.
2-Chloroethyl vinyl ether	500	N.D.
Chloroform	100	N.D.
Chloromethane	100	N.D.
Dibromochloromethane	100	N.D.
1,1-Dichloroethane	100	N.D.
1,2-Dichloroethane	100	N.D.
1,1-Dichloroethene	100	N.D.
cis-1,2-Dichloroethene	100	N.D.
trans-1,2-Dichloroethene	100	N.D.
1,2-Dichloropropane	100	N.D.
cis-1,3-Dichloropropene	100	N.D.
trans-1,3-Dichloropropene	100	N.D.
Ethylbenzene	100	N.D.
2-Hexanone	500	N.D.
Methylene chloride	250	N.D.
4-Methyl-2-pentanone	500	N.D.
Styrene	100	N.D.
1,1,2,2-Tetrachloroethane	100	N.D.
Tetrachloroethene	100	N.D.
Toluene	100	N.D.
1,1,1-Trichloroethane	100	N.D.
1,1,2-Trichloroethane	100	N.D.
Trichloroethene	100	N.D.
Trichlorofluoromethane	100	N.D.
Vinyl acetate	100	N.D.

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Enviros
19411 Riverside Dr.
Sonoma, CA 95476

Attention: CGalantine/DVossler

Client Proj. ID: Unocal #7176, Dublin
Sample Descript: UOW-1
Matrix: SOLID
Analysis Method: EPA 8240
Lab Number: 9411492-04

Sampled: 11/07/94
Received: 11/08/94
Extracted: 11/09/94
Analyzed: 11/11/94
Reported: 11/16/94

QC Batch Number: MS1109948240EXA
Instrument ID: F2

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Vinyl chloride	100	N.D.
Total Xylenes	100	N.D.

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	70	121	80
Toluene-d8	81	117	91
4-Bromofluorobenzene	74	121	86

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

Sequoia Analytical

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Enviros
19411 Riverside Dr.
Sonoma, CA 95476

Attention: CGalantine/DVossler

Client Proj. ID: Unocal #7176, Dublin
Sample Descript: UOW-1
Matrix: SOLID
Analysis Method: EPA 8270
Lab Number: 9411492-04

Sampled: 11/07/94
Received: 11/08/94
Extracted: 11/09/94
Analyzed: 11/10/94
Reported: 11/16/94

QC Batch Number: MS1107948270EXA
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.

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nviros
19411 Riverside Dr.
Sonoma, CA 95476

ttention: CGalantine/DVossler

Client Proj. ID: Unocal #7176, Dublin
Sample Descript: UOW-1
Matrix: SOLID
Analysis Method: EPA 8270
Lab Number: 9411492-04

Sampled: 11/07/94
Received: 11/08/94
Extracted: 11/09/94
Analyzed: 11/10/94
Reported: 11/16/94

QC Batch Number: MS1107948270EXA
trument ID: F4

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
,4-Dinitrotoluene	250	N.D.
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
luoranthene	250	N.D.
luorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
lexachlorocyclopentadiene	500	N.D.
lexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
sophorone	250	N.D.
-Methylnaphthalene	250	N.D.
-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
-Nitroaniline	500	N.D.
-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
-Nitrophenol	250	N.D.
-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
entachlorophenol	500	N.D.
henanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
,2,4-Trichlorobenzene	250	N.D.
,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	66
Phenol-d5	24	113	77
itrobenzene-d5	23	120	66
-Fluorobiphenyl	30	115	65
2,4,6-Tribromophenol	19	122	61
-Terphenyl-d14	18	137	65

nalytes reported as N.D. were not present above the stated limit of detection.

EQUOIA ANALYTICAL - ELAP #1210

odd Olive
roject Manager

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nviros	Client Proj. ID: Unocal #7176, Dublin	Sampled: 11/07/94
19411 Riverside Dr.	Sample Descript: UOW-1	Received: 11/08/94
Sonoma, CA 95476	Matrix: SOLID	Extracted: 11/11/94
	Analysis Method: EPA 8015 Mod	Analyzed: 11/14/94
ttention: CGalantine/DVossler	Lab Number: 9411492-04	Reported: 11/16/94

trument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

nalyte	Detection Limit mg/Kg	Sample Results mg/Kg
TEPH as Diesel	1.0	N.D.
hromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
-Pentacosane (C25)	50	150	90

nalytes reported as N.D. were not present above the stated limit of detection.

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oject Manager

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nviros	Client Proj. ID: Unocal #7176, Dublin	Sampled: 11/07/94
19411 Riverside Dr.	Sample Descript: UOW-1	Received: 11/08/94
Sonoma, CA 95476	Matrix: SOLID	Extracted: 11/09/94
	Analysis Method: 8015Mod/8020	Analyzed: 11/09/94
ttention: CGalantine/DVossler	Lab Number: 9411492-04	Reported: 11/16/94

C Batch Number: GC110994BTEXEXA
strument ID: GCHP-18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
enzene	0.0050	N.D.
oluene	0.0050	N.D.
thyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
hromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
rifluorotoluene	70	130	93

nalytes reported as N.D. were not present above the stated limit of detection.

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oject Manager

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Enviros
19411 Riverside Dr.
Sonoma, CA 95476

Attention: CGalantine/DVossler

Client Proj. ID: Unocal #7176, Dublin

Lab Proj. ID: 9411491

Sampled: 11/08/94
Received: 11/08/94
Analyzed: see below

Reported: 11/15/94

LABORATORY ANALYSIS

Lab No: 9411491-01
Sample Desc : SOLID, UW-1

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Cadmium	mg/Kg	11/09/94	0.50	0.56
Chromium	mg/Kg	11/09/94	0.50	35
Lead	mg/Kg	11/09/94	5.0	N.D.
Nickel	mg/Kg	11/09/94	2.5	39
Zinc	mg/Kg	11/09/94	0.50	37

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

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Enviros	Client Proj. ID: Unocal #7176, Dublin	Sampled: 11/08/94
19411 Riverside Dr.	Sample Descript: UW-1	Received: 11/08/94
Sonoma, CA 95476	Matrix: SOLID	Extracted: 11/11/94
	Analysis Method: EPA 8240	Analyzed: 11/11/94
Attention: CGalantine/DVossler	Lab Number: 9411491-01	Reported: 11/15/94

QC Batch Number: MS1109948240EXA
nstrument ID: F3

Volatile Organics (EPA 8240)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acetone	500	N.D.
Benzene	100	N.D.
Bromodichloromethane	100	N.D.
Bromoform	100	N.D.
Bromomethane	100	N.D.
2-Butanone	500	N.D.
Carbon disulfide	100	N.D.
Carbon tetrachloride	100	N.D.
Chlorobenzene	100	N.D.
Chloroethane	100	N.D.
2-Chloroethyl vinyl ether	500	N.D.
Chloroform	100	N.D.
Chloromethane	100	N.D.
Dibromochloromethane	100	N.D.
1,1-Dichloroethane	100	N.D.
1,2-Dichloroethane	100	N.D.
1,1-Dichloroethene	100	N.D.
cis-1,2-Dichloroethene	100	N.D.
trans-1,2-Dichloroethene	100	N.D.
1,2-Dichloropropane	100	N.D.
cis-1,3-Dichloropropene	100	N.D.
trans-1,3-Dichloropropene	100	N.D.
Ethylbenzene	100	N.D.
2-Hexanone	500	N.D.
Methylene chloride	250	N.D.
4-Methyl-2-pentanone	500	N.D.
Styrene	100	N.D.
1,1,2,2-Tetrachloroethane	100	N.D.
Tetrachloroethene	100	N.D.
Toluene	100	N.D.
1,1,1-Trichloroethane	100	N.D.
1,1,2-Trichloroethane	100	N.D.
Trichloroethene	100	N.D.
Trichlorofluoromethane	100	N.D.
Vinyl acetate	100	N.D.

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Enviros	Client Proj. ID: Unocal #7176, Dublin	Sampled: 11/08/94
19411 Riverside Dr.	Sample Descript: UW-1	Received: 11/08/94
Sonoma, CA 95476	Matrix: SOLID	Extracted: 11/11/94
	Analysis Method: EPA 8240	Analyzed: 11/11/94
Attention: CGalantine/DVossler	Lab Number: 9411491-01	Reported: 11/15/94

QC Batch Number: MS1109948240EXA
Instrument ID: F3

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Vinyl chloride	100	N.D.
Total Xylenes	100	N.D.

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	70	121	93
Toluene-d8	81	117	102
4-Bromofluorobenzene	74	121	94

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Enviros	Client Proj. ID: Unocal #7176, Dublin	Sampled: 11/08/94
19411 Riverside Dr.	Sample Descript: UW-1	Received: 11/08/94
Sonoma, CA 95476	Matrix: SOLID	Extracted: 11/09/94
	Analysis Method: EPA 8270	Analyzed: 11/10/94
Attention: CGalantine/DVossler	Lab Number: 9411491-01	Reported: 11/15/94

QC Batch Number: MS1107948270EXA
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	250	N.D.
Acenaphthylene	250	N.D.
Anthracene	250	N.D.
Benzoic Acid	500	N.D.
Benzo(a)anthracene	250	N.D.
Benzo(b)fluoranthene	250	N.D.
Benzo(k)fluoranthene	250	N.D.
Benzo(g,h,i)perylene	250	N.D.
Benzo(a)pyrene	250	N.D.
Benzyl alcohol	250	N.D.
Bis(2-chloroethoxy)methane	250	N.D.
Bis(2-chloroethyl)ether	250	N.D.
Bis(2-chloroisopropyl)ether	250	N.D.
Bis(2-ethylhexyl)phthalate	500	N.D.
4-Bromophenyl phenyl ether	250	N.D.
Butyl benzyl phthalate	250	N.D.
4-Chloroaniline	500	N.D.
2-Chloronaphthalene	250	N.D.
4-Chloro-3-methylphenol	250	N.D.
2-Chlorophenol	250	N.D.
4-Chlorophenyl phenyl ether	250	N.D.
Chrysene	250	N.D.
Dibenzo(a,h)anthracene	250	N.D.
Dibenzofuran	250	N.D.
Di-n-butyl phthalate	500	N.D.
1,2-Dichlorobenzene	250	N.D.
1,3-Dichlorobenzene	250	N.D.
1,4-Dichlorobenzene	250	N.D.
3,3-Dichlorobenzidine	500	N.D.
2,4-Dichlorophenol	250	N.D.
Diethyl phthalate	250	N.D.
2,4-Dimethylphenol	250	N.D.
Dimethyl phthalate	250	N.D.
4,6-Dinitro-2-methylphenol	500	N.D.
2,4-Dinitrophenol	500	N.D.

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Enviros
19411 Riverside Dr.
Sonoma, CA 95476

Attention: CGalantine/DVossler

Client Proj. ID: Unocal #7176, Dublin
Sample Descript: UW-1
Matrix: SOLID
Analysis Method: EPA 8270
Lab Number: 9411491-01

Sampled: 11/08/94
Received: 11/08/94
Extracted: 11/09/94
Analyzed: 11/10/94
Reported: 11/15/94

QC Batch Number: MS1107948270EXA
Instrument ID: F4

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,4-Dinitrotoluene	250	N.D.
2,6-Dinitrotoluene	250	N.D.
Di-n-octyl phthalate	250	N.D.
Fluoranthene	250	N.D.
Fluorene	250	N.D.
Hexachlorobenzene	250	N.D.
Hexachlorobutadiene	250	N.D.
Hexachlorocyclopentadiene	500	N.D.
Hexachloroethane	250	N.D.
Indeno(1,2,3-cd)pyrene	250	N.D.
Isophorone	250	N.D.
2-Methylnaphthalene	250	N.D.
2-Methylphenol	250	N.D.
4-Methylphenol	250	N.D.
Naphthalene	250	N.D.
2-Nitroaniline	500	N.D.
3-Nitroaniline	500	N.D.
4-Nitroaniline	500	N.D.
Nitrobenzene	250	N.D.
2-Nitrophenol	250	N.D.
4-Nitrophenol	500	N.D.
N-Nitrosodiphenylamine	250	N.D.
N-Nitroso-di-n-propylamine	250	N.D.
Pentachlorophenol	500	N.D.
Phenanthrene	250	N.D.
Phenol	250	N.D.
Pyrene	250	N.D.
1,2,4-Trichlorobenzene	250	N.D.
2,4,5-Trichlorophenol	500	N.D.
2,4,6-Trichlorophenol	250	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	74
Phenol-d5	24	113	73
Nitrobenzene-d5	23	120	71
2-Fluorobiphenyl	30	115	60
2,4,6-Tribromophenol	19	122	61
p-Terphenyl-d14	18	137	67

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Todd Olive
Project Manager

ATTACHMENT 8

Delta
Consultants

Project No: C107176
Logged By: A. Buehler/ C. Morgan
Driller: **Gregg Drilling**
Drilling Method: Cone Penetration Testing
Sampling Method: Macrocore
Casing Type: N/A
Slot Size: N/A
Gravel Pack: N/A

Client: **ConocoPhillips**
Location: 7850 Amador Valley Blvd.
Dublin, CA
Hole Diameter: 6"
Hole Depth: 63' bgs
First Water Depth: 18' bgs
Static Water Depth:N/A
Well Depth: N/A

Boring No: CPT-1
Date Drilled: 01/08/2010
Page **1** of 3

▽ = First Water
▼ = Static Groundwater

Elevation | Northing | Easting

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement				Air-Knife	1–4				**Removed two inches (2") of asphalt.** **Asphalt layer covered geo-fabric.** Airknifed material was sandy silt with clay to five feet (5') below ground surface.
		moist	0.1	9:55 @ 5'	5			**CL**	**Silty sand with clay;** dark brown.
		moist	0.5	10:03 @ 10'	6–10			**CL**	**Same as above. Increased clay.**
	▽	moist	0.7	10:08 @ 15'	11–15			**CL**	**Same as above.**
		wet	35.8	10:14 @ 20'	16–20			**SM**	**Silty Sand with Gravel;** gray. Strong petroleum hydrocarbon odor.
					21–22				

Delta
Consultants

Project No: C107176
Logged By: A. Buehler/ C. Morgan
Driller: **Gregg Drilling**
Drilling Method: Cone Penetration Testing
Sampling Method: Macrocore
Casing Type: N/A
Slot Size: N/A
Gravel Pack: N/A

Client: **ConocoPhillips**
Location: **7850 Amador Valley Blvd.**
Dublin, CA
Hole Diameter: 6"
Hole Depth: 63' bgs
First Water Depth: 18' bgs
Static Water Depth: N/A
Well Depth: N/A

Boring No: CPT-1
Date Drilled: 01/08/2010

▽ = First Water
▼ = Static Groundwater

Elevation | Northing | Easting

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement		moist	1.0	10:23 @ 25'	25			CL	**Clay with silt;** brown.
			0.8	10:30 @ 30'	30			CL	**Same as above.** Increased wetness.
			0.5	10:38 @ 35'	35			CL	**Same as above.**
			0.6	10:47 @ 40'	40			CL	**Same as above.**

Delta
Consultants

Project No: C107176
Logged By: A. Buehler/ C. Morgan
Driller: **Gregg Drilling**
Drilling Method: Cone Penetration Testing
Sampling Method: Macrocore

Client: **ConocoPhillips**
Location: 7850 Amador Valley Blvd.
Dublin, CA
Hole Diameter: 6"
Hole Depth: 63' bgs
First Water Depth: 18' bgs
Static Water Depth:N/A

Boring No: CPT-1
Date Drilled: 01/08/2010

▽ = First Water
▼ = Static Groundwater

Elevation | Northing | Easting

Boring Completion: Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample: Recovery	Sample: Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement		wet	0.5	10:57 @ 45'	45			CL	**Clay with silt;** firm.
					46				
					47				
					48				
					49				
		sat	0.6	11:12 @ 50'	50			ML	**Silty clay with some very fine grained sand;** brown.
					51				
					52				
					53				
					54				
			0.7	11:22 @ 55'	55			ML	**Same as above.**
					56				
					57				
					58				
					59				
			0.3	11:35 @ 60'	60			CL	**Clay;** brown to gray; very dense.
					61				
					62				
					63				**Boring Terminated at 63' bgs**
					64				
					65				
					66				

Field Exploratory Boring Log B-1

OVM (ppm)	Blows/6"	Sample Number	Depth (ft)	Soil Group (USCS)	Materials Description
					Asphalt
					Silty Clay (CL) Black (10YR 2/1); very stiff, moist, 80% clay, 15% silt, 5% very fine sand.
			5		
	6 6				
0	7				Color change to Gray (5Y 5/1); stiff, wet.
			10		
	5 10				
0	13	B-1-13'			Change to very stiff, moist.
			15		
	12 12				Color change to Dark Grayish Brown (10YR 4/2), very stiff, moist to wet, increase in very fine sand content.
0	15	B-1-18'	18 ▽		Saturated at 18 ft.
					Total Depth of Boring = 18.0 feet.

BORING
B-1

UNOCAL CORPORATION - CERT
Unocal SS No. 7176
7850 Amador Valley Boulevard
Dublin, California

Borehole Diameter:	8 inches
Logged by:	C. Galantine
Driller:	Mitchell
Date Started:	7-7-95
Date Completed:	7-7-95

enviros ®

95132.02

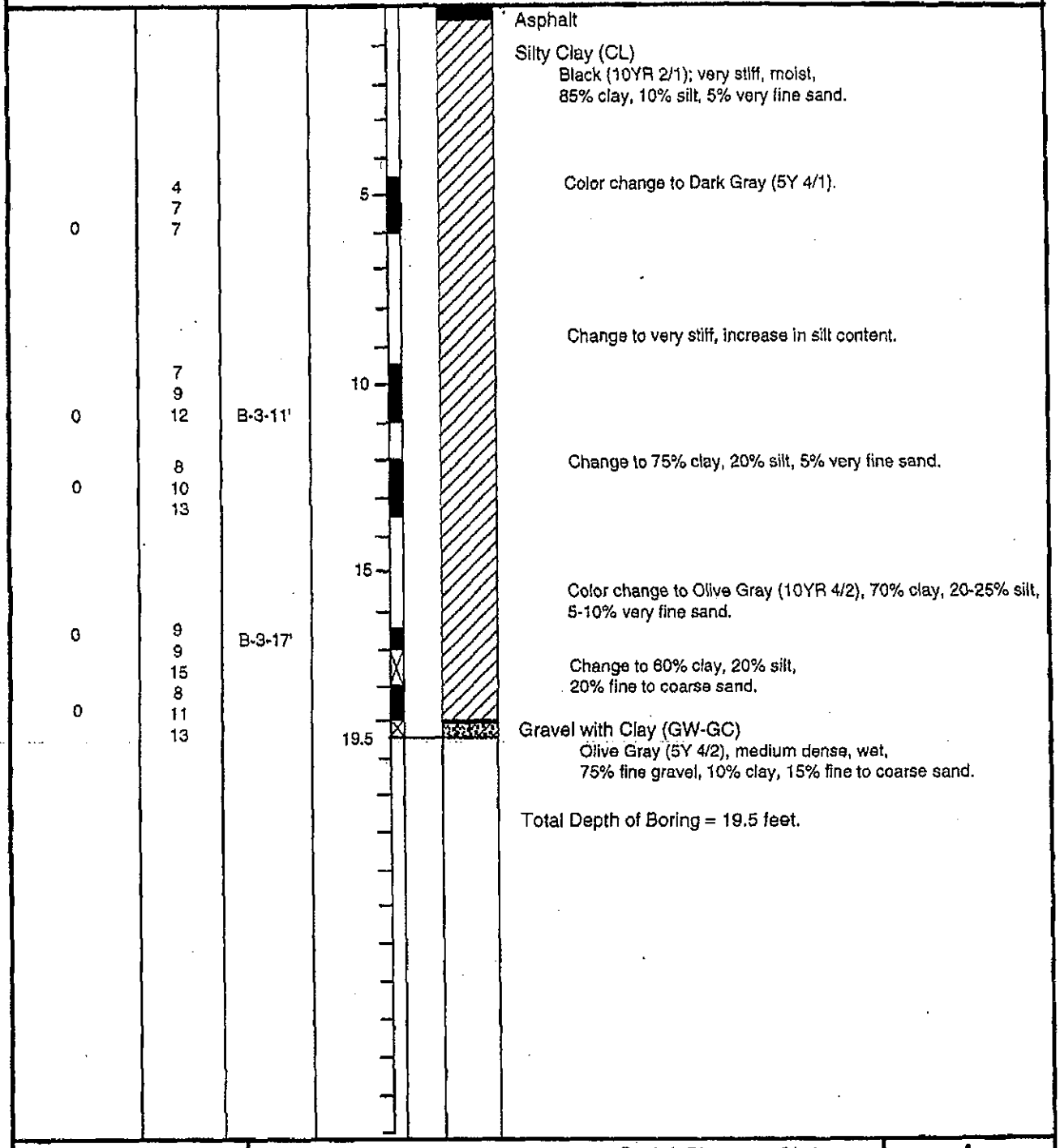
Field Exploratory Boring Log B-2

OVM (ppm)	Blows/6"	Sample Number	Depth (ft)	Soil Group (USCS)	Materials Description
					Asphalt
					Silty Clay (CL) Black (10YR 2/1); very stiff, moist, 80% clay, 15% silt, 5% very fine sand.
					Gravel with Clay (GW-GC) Dark Grayish Brown (10YR 4/2), medium dense, moist, 75% fine gravel, 10% clay, 15% fine to coarse sand.
	7		5		
0	7 8				Clayey Silt (ML) Dark Grayish Brown (10YR 4/2), stiff, moist, 65% silt, 30% clay, 5% very fine sand.
			10		Silty Clay (CL) Dark Grayish Brown (10YR 4/2); very stiff, moist, 65% clay, 30% silt, 5% very fine sand.
	9 11				
0	13				
	9 13				Change to damp, increase in clay content, trace fine gravel.
0	17	B-2-16'	16		

Total Depth of Boring = 16.0 feet.

BORING			
B-2	**UNOCAL CORPORATION - CERT** Unocal SS No. 7176 7850 Arnador Valley Boulevard Dublin, California	Borehole Diameter: 8 inches Logged by: C. Galantine Driller: Mitchell Date Started: 7-7-95 Date Completed: 7-7-95	*enviros* ® 95132.02

Field Exploratory Boring Log B-3



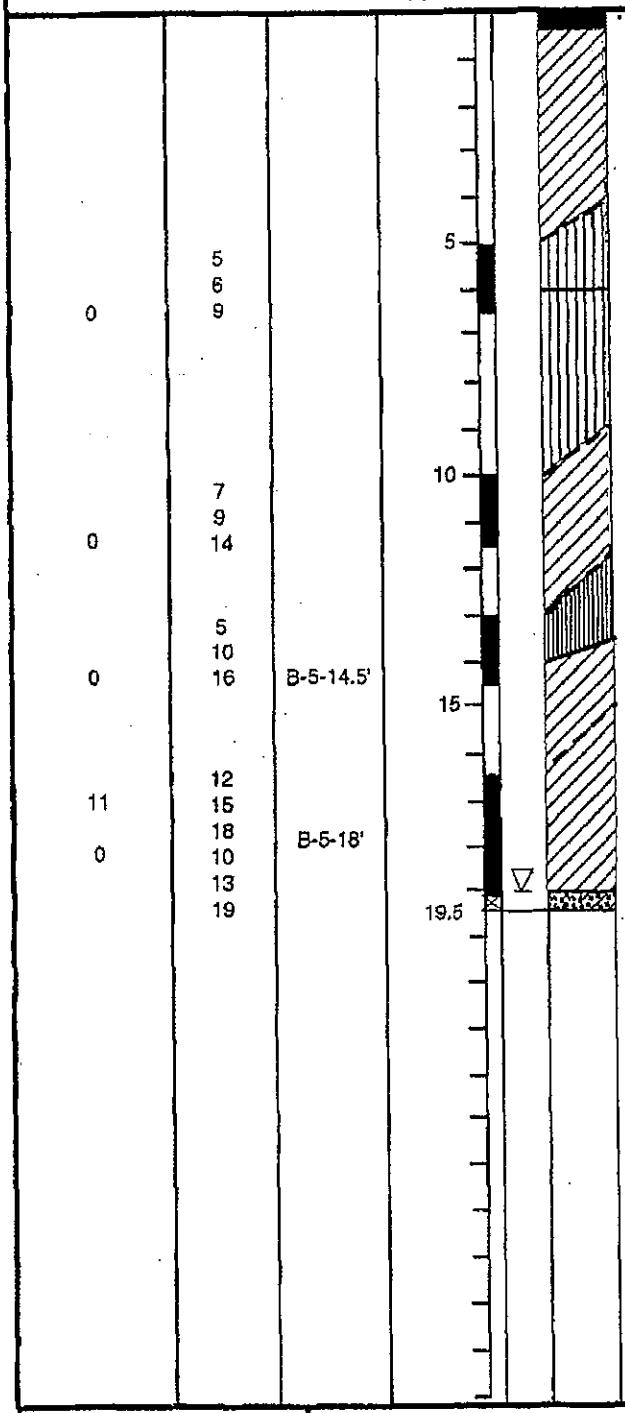
BORING			
B-3	UNOCAL CORPORATION - CERT Unocal SS No. 7176 7850 Amador Valley Boulevard Dublin, California	Borehole Diameter: 8 inches Logged by: C. Galantine Driller: Mitchell Date Started: 7-7-95 Date Completed: 7-7-95	*enviros* ® 95132.02

Field Exploratory Boring Log B-4

OVM (ppm)	Blows/6"	Sample Number	Depth (ft)	Soil Group (USCS)	Materials Description
					Concrete
					Silty Clay (CL) Black (10YR 2/1); very stiff, moist, 85% clay, 10% silt, 5% very fine sand.
	4 5		5		Clayey Silt (ML) Dark Brown (10YR 3/3); stiff, moist, 60% silt, 35% clay, 5% very fine sand.
0	8				
	6 9		10		Change to very stiff.
0	10	B-4-11.5'			
	7 10				Color change to Olive Gray (10YR 4/2).
0	14	B-4-16'	16		
					Total Depth of Boring = 16 feet.

BORING **B-4**	UNOCAL CORPORATION - CERT Unocal SS No. 7176 7850 Amador Valley Boulevard Dublin, California	Borehole Diameter: 8 inches Logged by: C. Galantine Driller: Mitchell Date Started: 7-7-95 Date Completed: 7-7-95	*enviros* ® 95132.02	

Field Exploratory Boring Log B-5



BORING			
B-5	UNOCAL CORPORATION - CERT Unocal SS No. 7176 7850 Amador Valley Boulevard Dublin, California	Borehole Diameter: 8 inches Logged by: C. Galantine Driller: Mitchell Date Started: 7-7-95 Date Completed: 7-7-95	*enviros* ® 95132.02

Field Exploratory Boring Log B-6

OVM (ppm)	Blows/6"	Sample Number	Depth (ft)	Soil Group (USCS)	Materials Description
					Concrete
					Silty Clay (CL) Black (10YR 2/1); stiff, moist, 80% clay, 15% silt, 5% very fine sand.
	14		5		
	20				Color change to Dark Gray (5Y 4/1); stiff, moist, 70% clay, 20% silt, 10% very fine sand.
0	23				
	20		10		
	21				
0	26				Change to 80% clay, 15% silt, 5% very fine sand.
	20				
	23				
0	30	B-6-14.5'	15		Color change to Dark Olive Gray (5Y 3/2).
	19				
	23				Color change to Dark Gray (5Y 4/1) 60% clay, 30-35% silt, 5-10% very fine to medium sand.
0	29				
6	16				
	24				
	31	B-6-19.5'	19.5		Gravel with Clay (GW-GC) Dark Gray (10YR 4/1), very dense, wet, 75% fine gravel, 10% clay, 15% fine to coarse sand.
					Total Depth of Boring = 19.5 feet.

BORING
B-6

UNOCAL CORPORATION - CERT
Unocal SS No. 7176
7850 Amador Valley Boulevard
Dublin, California

Borehole Diameter:	8 inches
Logged by:	C. Galantine
Driller:	Mitchell
Date Started:	7-7-95
Date Completed:	7-7-95

enviros ®

95132.02

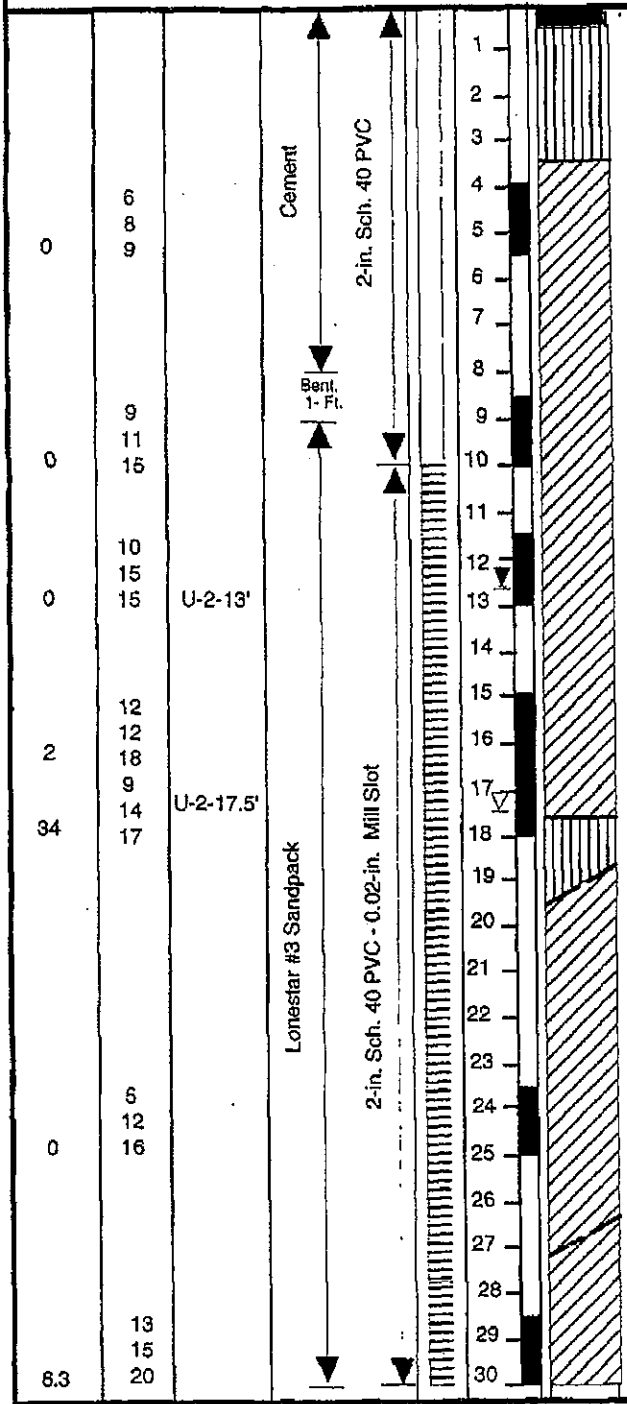
Field Exploratory Boring Log of Well U-1

OVM PPM	Blows/ 6"	Sample Number	Depth (ft)	Materials Description
			1	Asphalt
			2	Silt with Sand (ML) Fill Material
			3	Very Dark Grayish Brown (10YR 3/2); stiff, moist, 75% silt, 15% fine to coarse sand, 10% fine gravel.
	7		4	
	9		5	Silty Sand (SM)
0	13		6	Dark Grayish Brown (10YR 4/2); medium dense, moist, 75% very fine sand, 20% silt, 5% fine gravel.
			7	
			8	Silty Clay (CL)
			9	Dark Grayish Brown (10YR 4/2); very stiff, moist, 70% clay, 25% silt, 5% very fine sand, plastic, rootlets.
	8		10	
	8		11	
0	14	U-1-10.5'	12	
	5		13	Silt (ML)
	10		14	Dark Olive Gray (5Y 3/2); very stiff, moist, 80% silt, 10 % clay, 10% fine sand.
0	13		15	
			16	
			17	
			18	
	12	U-1-18.5'	19	Saturated at 19 ft.
	14		20	Gravel with Silt and Sand (GW-GM)
20	17		21	Olive Gray (5Y 4/2); dense, saturated, 75% fine to coarse gravel, 15% fine to coarse sand, 10% silt.
			22	Silty Clay (CL)
			23	Dark Olive Gray (5Y 3/2); stiff, wet, 70% clay, 25% silt, 5% very fine sand.
	9		24	
	13		25	Color change to Dark Grayish Brown (10YR 4/2); very stiff, wet, increase in clay content.
0	16		26	
			27	
			28	
	12		29	
	17		30	
0	26			Total Depth of Boring = 30 ft.

Well Construction: Cement; Bent. 1-Ft.; 2-in. Sch. 40 PVC; Lonestar #3 Sandpack; 2-in. Sch. 40 PVC - 0.02-in. Mill Slot

WELL				
U-1	UNOCAL CORPORATION - CERT Unocal SS No. 7176 7850 Amador Valley Road Dublin, California	Borehole Diameter: 8 inches Logged by: C. Galantine Driller: Mitchell Date Started: 7-6-95 Date Completed: 7-6-95	*enviros* ®	95132.02

Field Exploratory Boring Log of Well U-2



OVM PPM	Blows/ 6"	Sample Number	Depth (ft)	Soil Group (USCS)	Materials Description
			1		Asphalt
			2		Silt with Sand (ML) Fill Material
			3		Very Dark Grayish Brown (10YR 3/2); stiff, moist, 75% silt, 15% fine to coarse sand, 10% fine gravel.
			4		Silty Clay (CL)
	6				Black (10YR 2/1); very stiff, moist, 80% clay,
	8		5		15% silt, 5% very fine sand.
0	9		6		Color change to Very Dark Grayish Brown (10YR 3/2); very stiff,
			7		moist, 60% clay, 30% silt, 10% very fine sand.
			8		Color change to Dark Olive Gray (5Y 3/2).
	9		9		
	11				
0	15		10		
			11		Color change to Very Dark Gray (10YR 3/1).
	10		12		
	15				
0	15	U-2-13'	13		
			14		
			15		Color change to Dark Olive Gray (5Y 3/2).
	12				
	12		16		
2	18				
	9		17		
	14	U-2-17.5'			Saturated at 17.5 ft.
34	17		18		Sandy Silt (ML)
			19		Olive Gray (5Y 4/2); very hard, wet to saturated, 60% silt,
			20		35% very fine sand, 5% clay.
			21		
			22		Sandy Clay (CL)
			23		Dark Gray (5Y 4/1); very stiff, wet, 60% clay,
	6		24		20% silt, 20% very fine sand.
	12				
0	16		25		
			26		
			27		
			28		Silty Clay (CL)
			29		Dark Brown (10YR 3/3); hard, wet, 85% clay,
	13				10% silt, 5% very fine sand.
	15				
8.3	20		30		Total Depth of Boring = 30 ft.

WELL				
U-2	UNOCAL CORPORATION - CERT Unocal SS No. 7176 7850 Amador Valley Road Dublin, California	Borehole Diameter: 8 inches Logged by: C. Galantine Driller: Mitchell Date Started: 7-6-95 Date Completed: 7-6-95	*enviros* ®	95132.02

Field Exploratory Boring Log of Well U-3

OVM PPM	Blows/ 6"	Sample Number	Depth (ft)	Materials Description
			1	Asphalt
			2	Silt with Sand (ML) Fill Material
			3	Very Dark Gray (10YR 3/1); stiff, moist, 80% silt, 20% fine sand.
	8		4	Silty Clay (CL)
	16		5	Black (10YR 2/1); very stiff, moist, 80% clay, 15% silt, 5% very fine sand.
0	16		6	Sandy Silt (ML)
			7	Dark Grayish Brown (10YR 4/2); hard, moist, 55% silt, 40% very fine to coarse sand, 5% clay.
			8	
	9		9	Increase in silt and clay content.
	13			
0	18		10	
			11	Clayey Silt (ML)
			12	Dark Grayish Brown (10YR 4/2); hard, moist, 60% silt, 30% clay, 10% very fine to fine sand.
			13	
	7		14	
	17		15	
0	17			
			16	Silty Clay (CL)
	12		17	Dark Grayish Brown (10YR 4/2); very stiff, moist to saturated, 55% clay, 40% silt, 5% very fine sand.
	12	U-3-17.5'		
0	18		18	Saturated at 18 ft.
			19	
			20	
			21	
			22	
			23	Color change to Dark Grayish Brown (10YR 4/2); hard, wet, increase in clay content.
	13		24	
	18			
0	25		25	
			26	
			27	
			28	
	12		29	
	15			
0	22		30	Total Depth of Boring = 30 ft.

Well Construction: Cement; Bent. 1-ft.; 2-in. Sch. 40 PVC; Lonestar #3 Sandpack; 2-in. Sch. 40 PVC - 0.02-in. Mill Slot

WELL				
U-3	UNOCAL CORPORATION - CERT Unocal SS No. 7176 7850 Amador Valley Road Dublin, California	Borehole Diameter: 8 inches Logged by: C. Galantine Driller: Mitchell Date Started: 7-6-95 Date Completed: 7-6-95	*enviros* ®	95132.02

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 2092 Boring: B7/MW4 Plate: APPENDIX
Site: Tosco (Union) 76 Service Station 7176 Date: 4/15/98
Drill Contractor: Woodward Drilling
Sample Method: Split Spoon Geologist: ROBERT H. ENKEBOLL
Drill Rig: Mobile B-57 Bore Hole Diameter: 8" Signature:
Location: 80 Feet Southwest of Well U1 Registration: R.G. 5034
30 Feet South of Southern Site Boundary Logged by: Sue Shallenberger

DEPTH (ft)	BLOW COUNTS	PID/OVM (Ppm)	SAMPLE	COLUMN	USCS	GEOLOGIC DESCRIPTION	WELL DESIGN
						2" asphalt, 8" base	
					ML		
5	20	0				Clayey silt, some sand and gravel, very dark greyish brown, damp, subangular gravel to 1"	
					CL	Transitioning to silty clay, abundant discontinuous calcium veinlets, sand and gravel interfingered at 9 feet	
10	14	0					
		▽					
15	26	0					
					ML	Clayey silt, some gravel and sand, olive grey, moist, trace of sand, gravel rounded to subangular, up to 1" in size, sparse plant stems to 1 1/4", sand and gravel pocket 2" in diameter, fine-to coarse-grained sand, gravel to 1/4"	
		7					
20	20	▼					
					CL	Silty clay, dark greyish brown, wet, sparse gravel	
					GP	Sandy gravel, dark greyish brown, wet, gravel to 1"	
25	25	2				Total depth at 25 feet Groundwater encountered at 20 feet	

Casing Diameter: 2" Slot Size: 0.010 , Sand Size: 2/12 , Grout: Portland Cement

FN: 2092B007

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.: 2092 Boring: B8/MW5 Plate: APPENDIX
Site: Tosco (Union) 76 Service Station 7176 Date: 4/15/98
Drill Contractor: Woodward Drilling
Sample Method: Split Spoon Geologist: ROBERT H. ENKEBOLL
Drill Rig: Mobile B-57 Bore Hole Diameter: 8" Signature:
Location: 95 Feet East of Well MW4 Registration: R.G. 5034
85 Feet Southeast of Well U1 Logged by: Sue Shallenberger

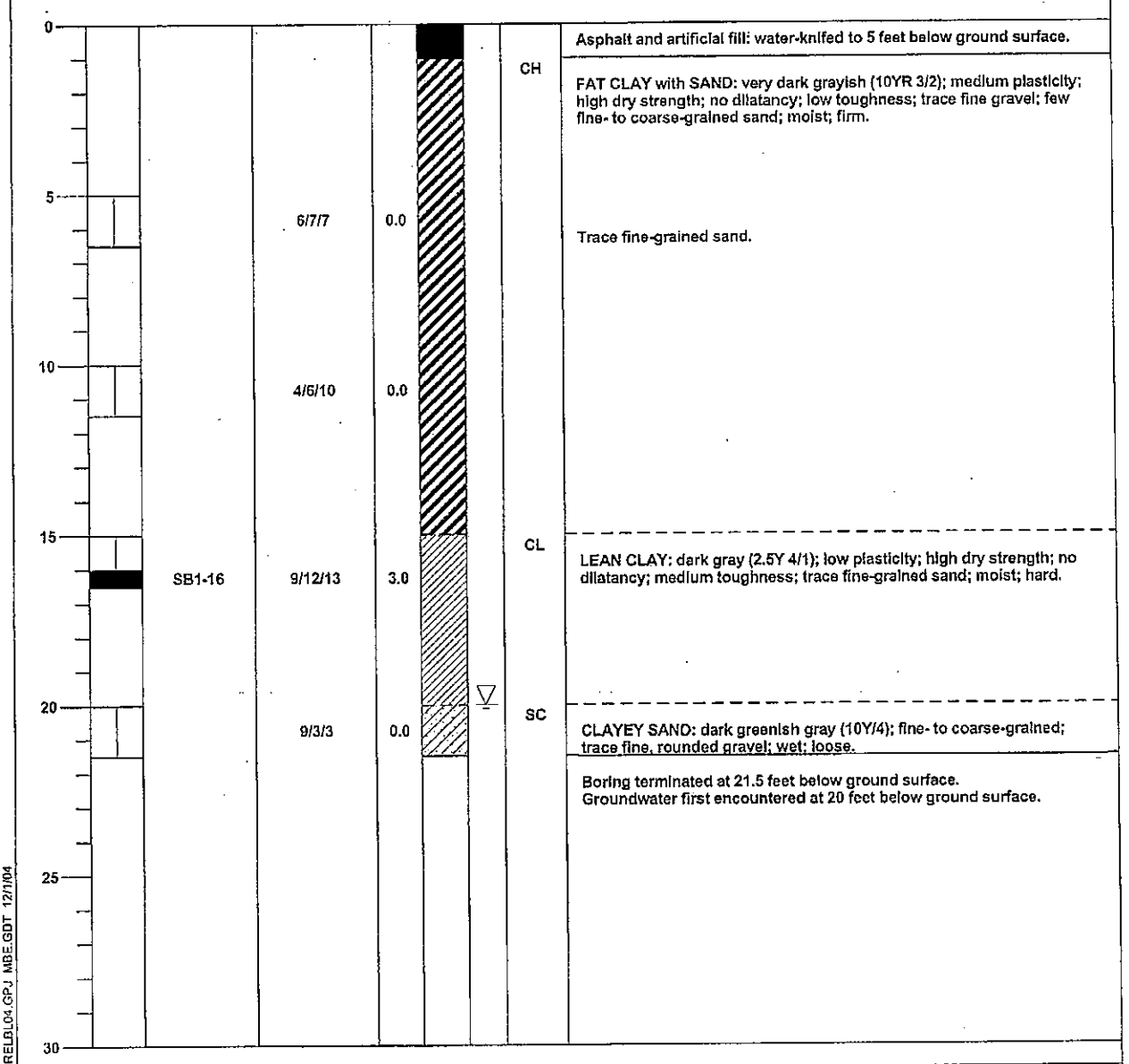
DEPTH (ft)	BLOW COUNTS	PID/OVM (ppm)	USCS	GEOLOGIC DESCRIPTION
				3" asphalt, 14" baserock
			CL	Silty clay, dark greyish brown, damp with sandy gravel at 4', gravel rounded to subangular, up to 1 1/2"
5	15	0		
10	13	0		mottled brown and dark greyish brown, moist, with discontinuous calcium deposit veinlets, some rootlets, trace of sand, sparse gravel to 1/2"
15	12	0		
			ML	Clayey silt, mottled brown and greenish grey, wet, some calcium veinlets, trace of sand
20	9	2		
			CL	Clay, dark greyish brown, wet, some gravel to 1/2"
25	22			Total depth at 25 feet Groundwater encountered at 20 feet

WELL DESIGN

Casing Diameter: 2" Slot Size: 0.010 , Sand Size: 2/12 , Grout: Portland Cement

FN: 2092B008

PROJECT NAME: CONOCOPHILLIPS STATION 7176	SITE LOCATION: 7850 AMADOR VALLEY BLVD, DUBLIN		
DRILLING COMPANY: WOODWARD	DRILL RIG: B57	DRILL CREW: DAVID, TIM	DATE DRILLED: NOVEMBER 3, 2004
DRILLING METHOD: HOLLOW-STEM AUGER	BORING DIAMETER (IN): 8"	TOTAL DEPTH OF BORING (FT): 21.5	LOGGED BY: J. SMITH
SAMPLING METHOD: SPLIT-SPOON	HAMMER WEIGHT (LBS): 140	HAMMER DROP (IN): 30	REVIEWED BY: J. DOUGLAS



NOTES:
- ☐ = sample interval
- ☒ = no sample recovery
- ■ = laboratory sample
- ▽ = groundwater first encountered
- ▼ = static groundwater
- PID = photoionization detector
- NM = not measured
- NA = not applicable
- NR = not recorded
- ppm = parts per million

Jed A. Douglas, R.G. 7516

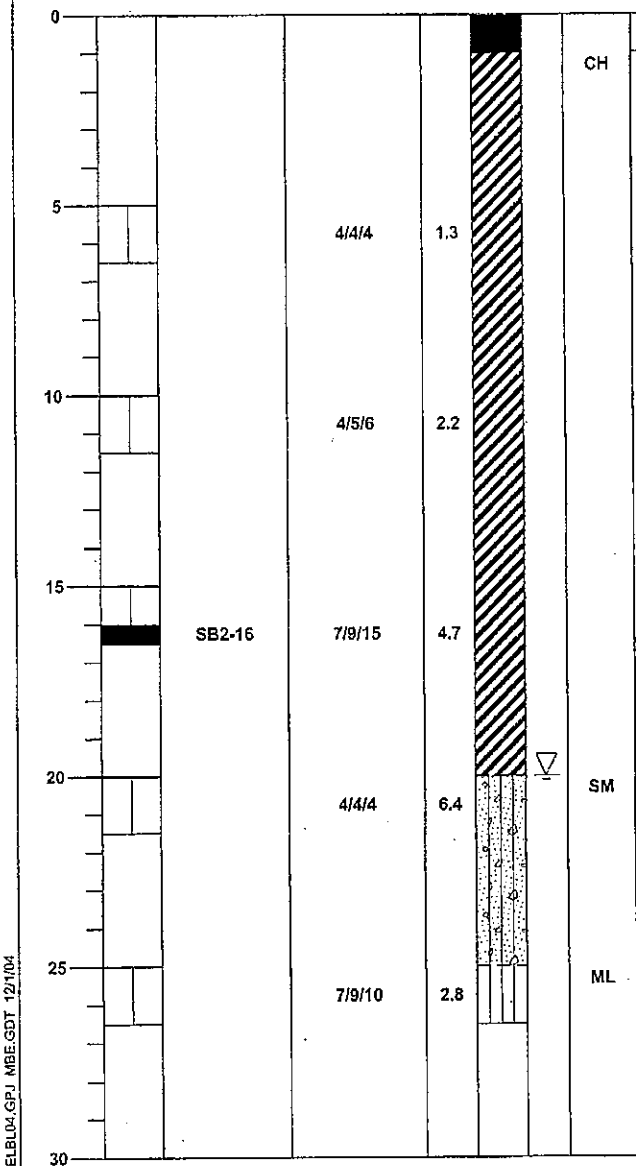
MILLER BROOKS Environmental, Inc.

LOG OF BORING SB1

PROJECT NUMBER 06-459-7176-03 | PAGE 1 OF 1

LOG OF BORINGS REVISED BORELBL04.GPJ MBE.GDT 12/1/04

PROJECT NAME: CONOCOPHILLIPS STATION 7176		SITE LOCATION: 7850 AMADOR VALLEY BLVD, DUBLIN	
DRILLING COMPANY: WOODWARD	DRILL RIG: B57	DRILL CREW: DAVID, TIM	DATE DRILLED: NOVEMBER 3, 2004
DRILLING METHOD: HOLLOW-STEM AUGER	BORING DIAMETER (IN): 8"	TOTAL DEPTH OF BORING (FT): 26.5	LOGGED BY: J. SMITH
SAMPLING METHOD: SPLIT-SPOON	HAMMER WEIGHT (LBS): 140	HAMMER DROP (IN): 30	REVIEWED BY: J. DOUGLAS



DESCRIPTION OF SUBSURFACE MATERIALS
Asphalt and artificial fill: water-knifed to 5 feet below ground surface.
FAT CLAY with SAND: very dark grayish brown (10YR 3/2); medium plasticity; high dry strength; no dilatancy; low toughness; few fine subrounded gravel; few fine-grained sand; moist; soft.
Medium toughness; trace fine-grained sand.
SILTY SAND with GRAVEL: very dark grayish brown (10YR 3/2); fine- to coarse-grained; few fine rounded gravel; wet; loose.
SILT: very dark grayish brown (10YR 3/2); medium plasticity; high dry strength; low dilatancy; medium toughness; trace fine gravel; moist; firm.
Boring terminated at 26.5 feet below ground surface.
Groundwater first encountered at 20 feet below ground surface.

NOTES:
- = sample interval
- = no sample recovery
- = laboratory sample
- ▽ = groundwater first encountered
- ▼ = static groundwater
- PID = photoionization detector
- NM = not measured
- NA = not applicable
- NR = not recorded
- ppm = parts per million

MILLER BROOKS Environmental, Inc.

LOG OF BORING SB2

Jed A. Douglas, R.G. 7516

PROJECT NUMBER 06-459-7176-03 | PAGE 1 OF 1

LOG OF BORINGS REVISED BORELBL04.GPJ MBE.GDT 12/1/04

PROJECT NAME: CONOCOPHILLIPS STATION 7176		SITE LOCATION: 7850 AMADOR VALLEY BLVD, DUBLIN	
DRILLING COMPANY: WOODWARD	DRILL RIG: B57	DRILL CREW: DAVID, TIM	DATE DRILLED: NOVEMBER 3, 2004
DRILLING METHOD: HOLLOW-STEM AUGER	BORING DIAMETER (IN): 8"	TOTAL DEPTH OF BORING (FT): 26.5	LOGGED BY: J. SMITH
SAMPLING METHOD: SPLIT-SPOON	HAMMER WEIGHT (LBS): 140	HAMMER DROP (IN): 30	REVIEWED BY: J. DOUGLAS

DEPTH (FT)	SAMPLE LOCATION	SAMPLE ID	BLOWS PER 6 IN	PID (ppm)	GRAPHIC LOG	GW LEVEL	USCS SOIL GROUP	DESCRIPTION OF SUBSURFACE MATERIALS
0								Asphalt and artificial fill: water-knifed to 5 feet below ground surface.
							CH	FAT CLAY: dark grayish brown (10YR 4/2); medium plasticity; high dry strength; no dilatancy; medium toughness; few fine gravel; few fine-grained sand; moist; firm.
5			6/8/9	1.1				
10			7/8/10	1.1			ML	
							CH	SILT: brown (10YR 5/3); medium plasticity; high dry strength; low dilatancy; medium toughness; moist; firm. FAT CLAY: dark gray (10YR 4/1); medium plasticity; high dry strength; no dilatancy; medium toughness; few fine gravel; few fine-grained sand; moist; firm.
15		SB3-16	7/8/9	1.4				
20			6/7/7	44			SM	SILTY SAND with GRAVEL: greenish gray (10Y/5); fine- to coarse-grained; few fine gravel; wet; loose.
25			6/8/10	3.9			ML	SILT: dark greenish gray (10Y/4); medium plasticity; high dry strength; low dilatancy; low toughness; trace fine-grained sand; moist to very moist; firm. Boring terminated at 26.5 feet below ground surface. Groundwater first encountered at 20 feet below ground surface.
30								

NOTES:
- = sample interval
- = no sample recovery
- = laboratory sample
- = groundwater first encountered
- = static groundwater
- PID = photoionization detector
- NM = not measured
- NA = not applicable
- NR = not recorded
- ppm = parts per million

MILLER BROOKS Environmental, Inc.

LOG OF BORING SB3

Jed A. Douglas, R.G. 7516

PROJECT NUMBER 06-459-7176-03 | PAGE 1 OF 1

LOG OF BORINGS REVISED BORE1BL04.GPJ MBE.GDT 12/1/04

PROJECT NAME: CONOCOPHILLIPS STATION 7176		SITE LOCATION: 7850 AMADOR VALLEY BLVD, DUBLIN	
DRILLING COMPANY: WOODWARD	DRILL RIG: B57	DRILL CREW: DAVID, TIM	DATE DRILLED: NOVEMBER 3, 2004
DRILLING METHOD: HOLLOW-STEM AUGER	BORING DIAMETER (IN): 8"	TOTAL DEPTH OF BORING (FT): 21.5	LOGGED BY: J. SMITH
SAMPLING METHOD: SPLIT-SPOON	HAMMER WEIGHT (LBS): 140	HAMMER DROP (IN): 30	REVIEWED BY: J. DOUGLAS

DEPTH (FT)	SAMPLE LOCATION	SAMPLE ID	BLOWS PER 6 IN	PID (ppm)	GRAPHIC LOG	GW LEVEL	USCS SOIL GROUP	DESCRIPTION OF SUBSURFACE MATERIALS
0								Asphalt and artificial fill: water-knifed to 5 feet below ground surface.
							CH	FAT CLAY: dark grayish brown (10YR 4/2); medium plasticity; trace fine-grained sand; trace fine gravel; high dry strength; no dilatancy; medium toughness; moist; firm.
5			4/5/7	0.0				
10			7/7/9	0.0				
15		SB4-16	9/9/10	0.0				
20			6/10/11	0.0		▽	SM	SILTY SAND: dark gray (10YR 4/2); fine- to coarse-grained sand; some fine gravel; wet; medium dense.
								Boring terminated at 21.5 feet below ground surface. Groundwater first encountered at 20 feet below ground surface.
25								
30								

NOTES:
- ☐ = sample interval
- ☒ = no sample recovery
- ■ = laboratory sample
- ▽ = groundwater first encountered
- ▼ = static groundwater
- PID = photoionization detector
- NM = not measured
- NA = not applicable
- NR = not recorded
- ppm = parts per million

MILLER BROOKS Environmental, Inc.

LOG OF BORING SB4

Jed A. Douglas, R.G. 7516

PROJECT NUMBER 06-459-7176-03

PAGE 1 OF 1

LOG OF BORINGS REVISED BORELBL04.GPJ MBE.GDT 12/1/04