

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

July 9, 2015

T. W. Johnson
7007 San Ramon Road
Dublin, CA 94568-3239

Chevron Environmental Management Company
Attn: Brian A. Waite
6101 Bollinger Canyon Road
San Ramon, CA 94583
(BWaite@chevron.com)

Subject: Case Closure for Fuel Leak Case No. RO0000206 (Global ID T0600100354), Chevron #9-5542, 7007 San Ramon Rd., 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>).

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

A handwritten signature in blue ink that reads "Dilan Roe".

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

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

Cc w/enc.:

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

Jeff Baker, City of Dublin, Planning Division, 100 Civic Plaza, Dublin, CA 94568 (Sent via E-mail to jeff.baker@dublin.ca.gov)

Morgan Hargrave, Conestoga-Rovers & Assoc., 10696 Trade Center Drive, Suite 107, Rancho Cordova, CA 95670 (Sent via E-mail to: mhargrave@croworld.com)

Jerry Wickham (Sent via E-mail to: jerry.wickham@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

July 9, 2015

T. W. Johnson
7007 San Ramon Road
Dublin, CA 94568-3239

Chevron Environmental Management Company
Attn: Brian A. Waite
6101 Bollinger Canyon Road
San Ramon, CA 94583
(BWaite@chevron.com)

Subject: Case Closure for Fuel Leak Case No. RO0000206 (Global ID T0600100354), Chevron #9-5542, 7007 San Ramon Rd., 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,

Ronald Browder
Director

UST Case Closure Summary Form

Agency Information

Date: July 14, 2015

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: 510-567-6791
Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

Case Information

Facility Name: Chevron #9-5542		
Facility Address: 7007 San Ramon Valley Blvd., Dublin, CA 94568		
RB LUSTIS Case No: 01-0385	Local Case No.: 01-0385	LOP Case No.: RO0000206
URF Filing Date: ----	GeoTracker Global ID: T0600100354	
APN: 941-305-7-2	Current Land Use: Active Fueling Station	
Responsible Party(s):	Address:	Phone:
T. W. Johnson	7007 San Ramon Road, Dublin, CA 94568	----
Chevron Corp. Attn.: Brian Waite	6101 Bollinger Canyon Rd., San Ramon, CA 94583	925-790-6486

Tank Information

Tank No.	Size (gal)	Contents	Closed in-Place/ Removed/Active	Date
A	10,000	Gasoline	Removed/upgraded	February 1990
B	10,000	Gasoline	Removed/upgraded	February 1990
C	4,000	Gasoline	Removed/upgraded	February 1990
WO	500	Waste oil	Removed	February 1990

Conceptual Site Model (Attachment 1, 2 pages) GeoTracker CSM Report

Closure Criteria Met (Attachment 2, 1 page) GeoTracker LTCP Checklist

LTCP Groundwater Specific Criteria (Attachment 3, 2 pages)

LTCP Vapor Specific Criteria (Attachment 4, 2 pages)

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

Site maps (Attachment 6, 22 pages)

Analytical Data (Attachment 7, 35 pages)

UST Case Closure Summary Form

Additional Information:

Site Management Requirements: This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Based on this evaluation, no site management requirements appear to be necessary. However, 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.

RWQCB Notification

Notification Date: December 19, 2013

RWQCB Staff Name: Cherie McCaulou	Title: Engineering Geologist
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Local Agency Representative

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 5/28/2015
Approved by: Dylan Roe, P.E.	Title: LOP and SCP Program Manager
Signature: 	Date: 5/28/2015

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

ATTACHMENT 1

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

<u>SITE NAME / ADDRESS</u>	<u>STATUS</u>	<u>STATUS DATE</u>	<u>RELEASE REPORT DATE</u>	<u>AGE OF CASE</u>	<u>CLEANUP OVERSIGHT AGENCIES</u>
CHEVRON #9-5542 (Global ID: T0600100354) 7007 SAN RAMON ROAD DUBLIN, CA 94568	Completed - Case Closed	7/9/2015	2/27/1990	25	ALAMEDA COUNTY LOP (<i>LEAD</i>) - CASE #: RO0000206 <i>CASEWORKER: Jerry Wickham</i> - <i>SUPERVISOR: DILAN ROE</i> SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0385 <i>CASEWORKER: Cherie McCaulou</i> - <i>SUPERVISOR: Cheryl L. Prowell</i>

SITE HISTORY

Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Environmental Health website at: <http://www.acgov.org/MAPS/DEH/InspectionResults/>.

The site is an active Chevron-branded service station. Current station facilities include a station building, three 12,000-gallon gasoline USTs, and three dispenser islands. The property reportedly was first leased by Chevron in 1965 at which time the station was constructed. The original station facilities included a station building with two hydraulic hoists, two 10,000-gallon and one 4,000-gallon steel gasoline USTs on the northern side of the site, a 500-gallon steel used-oil UST to the east of the station building, and two dispenser islands on the western side of the site. In 1990, Chevron purchased the property and the station was demolished including the removal of the four USTs, product lines, and dispenser islands. The station was subsequently reconstructed into the current configuration. In 1998, the dispensers and product piping were upgraded. The property is currently owned by Mr. T.W. Johnson.

The site elevation is approximately 360 feet above mean sea level (msl), and local topography slopes gently to the east toward San Ramon Creek. Land use in the site vicinity is mixed commercial and residential. The site is bounded by San Ramon Road to the west, Dublin Boulevard to the south, and undeveloped land to the east and north. A former fuel release case (Unocal #5901 at 11976 Dublin Boulevard) was present on the northwest corner of the intersection of Dublin Boulevard and San Ramon Road; and an open fuel release case (Shell #13-5243 at 11989 Dublin Boulevard) is present on the southwest corner of the intersection of Dublin Boulevard and San Ramon Road.

Environmental investigation associated with the subject site has been ongoing since 1983. To date, 16 groundwater monitoring wells (#1 through #5, and MW-1 through MW-11) and two vacuum monitoring wells (VW-1 and VW-2) have been installed, and ten exploratory borings (B-1 through B-4, SB-1 through SB-3, and CPT-1 through CPT-3) have been drilled, both on and offsite; and confirmation soil sampling has been performed during UST removal and upgrade activities. Wells #3 and MW-6 through MW-10 were later destroyed; wells MW-6 through MW-10 were destroyed due to proposed development of the adjacent property. Well MW-5 located in the Dublin Boulevard right-of-way was paved over by the City of Dublin (City) in 1995; multiple attempts to re-locate the well (most recently in March 2009) have been unsuccessful. Wells #1, #2, #4, and #5 reportedly were also destroyed sometime prior to 1990; however, no documentation regarding the destructions is available. Based on a recent site visit, wells VW-1 and VW-2 also appear to have been destroyed; however, no documentation is available.

Groundwater monitoring has been performed since 1990. Monitoring and sampling of wells MW-2 and MW-3 was discontinued in 1999; the remaining wells (MW-1, MW-4, and MW-11) are currently monitored and sampled on a semi-annual basis. Gauging of wells MW-2 and MW-3 was recently resumed to prepare groundwater potentiometric maps. Last groundwater monitoring was conducted in September 2010.

Remedial activities performed at the site have consisted of the over-excavation and offsite disposal of impacted soil (approximately 800 cubic yards), and groundwater oxygenation (via injection) to attempt to reduce petroleum hydrocarbon concentrations in the source area via enhanced biodegradation. In November 2007, CRA began bi-weekly oxygen injection into impacted wells MW-1 and MW-4 in an effort to decrease dissolved hydrocarbon concentrations in groundwater via enhanced biodegradation. During each event, approximately 125 cubic feet of oxygen was diffused into each well. Dissolved oxygen (DO) measurements were collected in each well before and after each event. CRA collected confirmation grab-groundwater samples (no-purge) from wells MW-1 and MW-4 prior to the first event, then once during December 2007 and February 2008 to evaluate the effectiveness of the oxygen injection. The samples were analyzed for TPHg, BTEX, and MTBE. Regular groundwater monitoring data was then used to evaluate the effectiveness. Injection into wells MW-1 and MW-4 was discontinued in March and May 2008, respectively. TPHg and benzene were not detected in either of the wells during the February 2008 event. During the first month of injection, increased DO concentrations (up to 16.5 milligrams per liter [mg/L]) were measured in the wells prior to each event. Following the first month, the measured DO concentrations prior to each event decreased to pre-injection levels (less than 1 mg/L). The lower DO concentrations possibly indicate that the oxygen was being rapidly utilized by the microorganisms to degrade the hydrocarbons, as evidenced by the rapid decline in concentrations. Concentrations significantly rebounded shortly after the injections ceased. In the case of MW-1, the sample (with purging) collected in March 2008 five days after the last injection event was significantly higher than the no-purge sample collected in February 2008. Based on these results, it appears that only the immediate area around each well was affected by the oxygen. Due to the predominantly fine-grained, low permeability soils at the site, and the low injection pressures utilized, CRA concluded that the oxygen likely was not able to diffuse a significant distance away from the wells resulting in only a small area of influence around each well. As a result, concentrations rebounded rapidly as unaffected groundwater re-entered the wells; and have since increased back to pre-injection levels. Based on the results, it does not appear that limited oxygen injection into the existing wells is feasible as a long-term remedial alternative at the site.

RESPONSIBLE PARTIES

<u>NAME</u>	<u>ORGANIZATION</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>EMAIL</u>
BRIAN WAITE	Chevron Environmental Management Company	6101 BOLLINGER CANYON ROAD	SAN RAMON	bwaite@chevron.com
TW JOHNSON	NA	7007 SAN RAMON RD	DUBLIN	

CLEANUP ACTION INFO

<u>ACTION TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>PHASE</u>	<u>CONTAMINANT MASS REMOVED</u>	<u>DESCRIPTION</u>
EXCAVATION	2/13/1990	2/14/1990			SOIL REMOVED DURING UST CLOSURES

RISK INFORMATION [VIEW LTCP CHECKLIST](#) [VIEW PATH TO CLOSURE PLAN](#) [VIEW CASE REVIEWS](#)

<u>CONTAMINANTS OF CONCERN</u>	<u>CURRENT LAND USE</u>	<u>BENEFICIAL USE</u>	<u>DISCHARGE SOURCE</u>	<u>DATE REPORTED</u>	<u>STOP METHOD</u>	<u>NEARBY / IMPACTED WELLS</u>
Gasoline	Commercial	GW - Municipal and Domestic Supply		2/27/1990	Other Means	0

<u>FREE PRODUCT</u>	<u>OTHER CONSTITUENTS</u>	<u>NAME OF WATER SYSTEM</u>	<u>LAST REGULATORY ACTIVITY</u>	<u>LAST ESI UPLOAD</u>	<u>LAST EDF UPLOAD</u>	<u>EXPECTED CLOSURE DATE</u>	<u>MOST RECENT CLOSURE REQUEST</u>
NO	NO	Alameda County Flood Control and Water Conservation District (Zone 7)	7/9/2015	5/29/2015	3/28/2012		2/27/2013

CDPH WELLS WITHIN 1500 FEET OF THIS SITE
NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN 941 030500702	GW BASIN NAME Livermore Valley (2-10)	WATERSHED NAME South Bay - Alameda Creek (204.30)
COUNTY Alameda	PUBLIC WATER SYSTEM(S)	
	<ul style="list-style-type: none"> • 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 - [SHOWHIDE](#) [VIEW ESI SUBMITTALS](#)

<u>FIELD PT NAME</u>	<u>DATE</u>	<u>TPHg</u>	<u>BENZENE</u>	<u>TOLUENE</u>	<u>ETHYL-BENZENE</u>	<u>XYLENES</u>	<u>MTBE</u>	<u>TBA</u>
CPT-1	1/20/2006	OTHER	ND	ND	ND	ND	ND	ND
CPT-2	1/20/2006	OTHER	ND	ND	1 UG/L	2 UG/L	ND	ND
CPT-3	1/17/2006	OTHER	ND	ND	ND	ND	ND	ND
MW-1	9/8/2010	OTHER	480 UG/L	2500 UG/L	810 UG/L	3100 UG/L	ND	
MW-10	9/2/2005	OTHER	ND	ND	ND	ND	0.8 UG/L	
MW-11	9/8/2010	OTHER	ND	1 UG/L	0.6 UG/L	2 UG/L	ND	
MW-4	9/8/2010	OTHER	15 UG/L	0.7 UG/L	62 UG/L	16 UG/L	ND	
MW-9	9/2/2005	OTHER	340 UG/L	0.5 UG/L	9 UG/L	6 UG/L	0.9 UG/L	
QA	9/1/2009	OTHER	ND	ND	ND	ND	ND	
QCTB	9/16/2004	OTHER	ND	ND	ND	ND	ND	
TB-LB	9/17/2001	OTHER	ND	ND	ND	ND	ND	

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - [SHOWHIDE](#) [VIEW ESI SUBMITTALS](#)

<u>FIELD PT NAME</u>	<u>DATE</u>	<u>TPHg</u>	<u>BENZENE</u>	<u>TOLUENE</u>	<u>ETHYL-BENZENE</u>	<u>XYLENES</u>	<u>MTBE</u>	<u>TBA</u>
VP-1	10/15/2009		ND	ND	ND	ND	ND	
VP-2	10/15/2009		ND	ND	ND	ND	ND	
VP-3	10/15/2009		ND	ND	ND	ND	ND	

MOST RECENT GEO_WELL DATA - [SHOWHIDE](#) [VIEW ESI SUBMITTALS](#)

<u>FIELD PT NAME</u>	<u>DATE</u>	<u>DEPTH TO WATER (FT)</u>	<u>SHEEN</u>	<u>DEPTH TO FREE PRODUCT (FT)</u>
MW-1	9/8/2010	24.81	N	
MW-10	8/24/2006		N	
MW-11	9/8/2010	22.25	N	
MW-2	9/8/2010	24.18	U	
MW-3	9/8/2010	22.78	U	
MW-4	9/8/2010	23.98	N	
MW-9	8/24/2006		N	

ATTACHMENT 2

CHEVRON #9-5542 (T0600100354) - [MAP THIS SITE](#)

OPEN - ELIGIBLE FOR CLOSURE

7007 SAN RAMON ROAD
DUBLIN, CA 94568
ALAMEDA COUNTY

[ACTIVITIES REPORT](#)
[PUBLIC WEBPAGE](#)

CLEANUP OVERSIGHT AGENCIES

ALAMEDA COUNTY LOP (LEAD) - CASE #: R0000206
CASEWORKER: [Jerry Wickham](#) - SUPERVISOR: DILAN ROE
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0385
CASEWORKER: [Cherie McCaulou](#) - SUPERVISOR: Cheryl L. Prowell

CUF Claim #: 5909 CUF Priority Assigned: D CUF Amount Paid: [\\$324,169](#)
CR Site ID #: NOT SPECIFIED

THIS PROJECT WAS LAST MODIFIED BY [JERRY WICKHAM](#) ON 6/30/2015 11:41:51 AM - [HISTORY](#)

THIS SITE HAS SUBMITTALS. CLICK [HERE](#) TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CLOSURE POLICY

THIS VERSION IS FINAL AS OF 10/9/2014

CHECKLIST INITIATED ON 8/12/2013

[CLOSURE POLICY HISTORY](#)

General Criteria - The site satisfies the policy general criteria - [CLEAR SECTION ANSWERS](#)

a. Is the unauthorized release located within the service area of a public water system?

Name of Water System:

Alameda County Flood Control and Water Conservation District (Zone 7)

YES NO

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](#)

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - [Info](#))

YES NO

Does the site meet any of the Groundwater specific criteria scenarios?

YES NO

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

YES NO

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

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](#)

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](#)

**ATTACHMENT 3
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 (from leading edge of the plume)	>1,000 feet	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	~3,100 feet east and down-gradient to Alamo Canal	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	Not applicable for groundwater specific criteria.	Not applicable	Not applicable	Yes	Not applicable

GROUNDWATER CONCENTRATIONS

Constituent	Historic Site Maximum (µg/L)	Current Site Maximum (µg/L)	LTCP Scenario 1 Criteria (µg/L)	LTCP Scenario 2 Criteria (µg/L)	LTCP Scenario 3 Criteria (µg/L)	LTCP Scenario 4 Criteria (µg/L)
Benzene	29,000 (MW-1 on 6/8/95)	480 (MW-1 on 9/8/10)	No criteria	<3,000	No criteria	<1,000
MTBE	380 (MW-1 on 9/30/96)	<10 (MW-1, MW-3, MW-4, MW-11 on 9/8/10)	No criteria	<1,000	No criteria	<1,000

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

Attachment 3 Comments:

Groundwater flow direction: Based on groundwater monitoring from 1991 to 2010, groundwater flow direction beneath the subject site is toward the east-northeast to east-southeast.

Water Supply Wells in Vicinity:

GeoTracker GAMA water well survey yields two water supply wells within a 2,000 foot radius of the site. Both wells are designated as USGS California Water Science Center wells. One well is located ~1815 feet southeast, the second USGS well is located ~1,584 feet south.

A 2013 Zone 7 Water Agency water well survey shows no known or active water supply wells down-gradient within a 2,000 foot radius of the site. One destroyed water supply well historically existed approximately 300 feet southeast of the site. Five water supply wells are currently located greater than 1,500 feet south-west, west, and north-northwest of the site, all locations are up-gradient of the site.

Prior water well surveys were conducted in 1991 by Sierra (1/2-mile radius) and in 2000 by Delta (2,000 foot radius) from DWR and Zone 7 data, plus area business surveys. The results showed that two municipal wells (#10, #20, both located hydraulically up- to cross-gradient) were destroyed. The remaining wells identified within a 2,000 foot radius by the 1991 and 2000 surveys were groundwater monitoring wells associated with environmental investigations.

Based on the historical and current water well surveys, the groundwater flow direction, and delineation of the down-gradient leading edge of the plume, water supply wells do not appear to be sensitive receptors.

LNAPL: LNAPL was historically observed in well #3 from 1983 to 1984 (note: not the same well MW-3 that currently exists on-site). Approximately 6 inches of LNAPL was observed in well #3 in 1983 and reduced to approximately 0.02 feet in June 1984 via bailing. Well #3 was located south the former gasoline USTs and east of the former used oil UST before it was destroyed in 1990. There are no groundwater monitoring or well destruction records available in ACEH case files regarding well #3 (only available is the well boring log from 12/19/83). As of 2010, benzene groundwater concentrations in all site wells are one to three orders of magnitude below benzene's effective solubility (approaching >0.20 effective solubility (>3 mg/L) as an indirect evidence indicator of LNAPL (LTCP VI Technical Guidance).

**ATTACHMENT 4
LTCP VAPOR SPECIFIC CRITERIA**

**LTCP Vapor Specific Scenario under which case was closed:
Active fueling station exempt from vapor specific criteria.
Evaluation of vapor intrusion potential to off-site receptors indicates little to no risk of vapor intrusion.**

Active Fueling Station	Active as of: Case Closure / RACC 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 NAPL	No NAPL	LNAPL in groundwater	LNAPL in soil	No NAPL	No NAPL	No NAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	≥10 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Bioattenuation Zone	<100 mg/kg (max 18 mg/kg at Sidewall-3)	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg
Maximum Current Benzene Concentration in Groundwater	480 ug/L (MW-1 on 9/8/10)	No criteria	No criteria	<100 ug/L	≥100 and <1,000 ug/L	<1,000 ug/L	No criteria
Oxygen Data within Bioattenuation Zone	≥4% at lower end of zone (7.6% to 17% at VP-1 to VP-3)	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 ground surface	~4 to ~6 feet	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 (µg/m³)	Current Maximum (µg/m³)	Residential	Commercial	Residential	Commercial
Benzene	16 (VP-3 on 10/15/2009)	<3.6 to <3.8 (VP-1 to VP-3 on 3/15/2011)	<85	<280	<85,000	<280,000
Ethylbenzene	12 (VP-1 on 10/15/2009)	<4.9 to <5.1 (VP-1 to VP-3 on 3/15/2011)	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	----	----	<93	<310	<93,000	<310,000

If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?

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

Attachment 4 Comments:

Adjacent off-site receptors: down- to cross-gradient: ~130 feet of vacant land to the north and east of the subject site, ~200 feet east to commercial retail, ~255 feet southeast to commercial retail, ~290 feet south to a restaurant; up-gradient ~380 feet west to residential apartments.

LNAPL: LNAPL was historically observed in well #3 from 1983 to 1984 (note: not the same well MW-3 that currently exists on-site). Approximately 6 inches of LNAPL was observed in well #3 in 1983 and reduced to approximately 0.02 feet in June 1984 via bailing. Well #3 was located south the former gasoline USTs and east of the former used oil UST before it was destroyed in 1990. There are no groundwater monitoring or well destruction records available in ACEH case files regarding well #3 (only available is the well boring log from 12/19/83). As of 2010, benzene groundwater concentrations in all site wells are one to three orders of magnitude below benzene's effective solubility (approaching >0.20 effective solubility (>3 mg/L) as an indirect evidence indicator of LNAPL (*LTCP VI Technical Guidance*).

Total TPH (in the bio-attenuation zone) maximum soil concentration is 18 mg/kg at Sidewall-3 at 7.5 feet bgs. The majority of impacted soil exceeding 100 mg/kg TPH lies below 11 feet bgs in the location of the former gasoline USTs. Six of seven soil sample locations exceeding 100 mg/kg were over-excavated to approximately 22 feet bgs in 1990; the remaining ten soil sample locations exceeding 100 mg/kg lie below 20 feet bgs.

Bio-attenuation zone thickness takes into account the highest historical SWL from both on-site and off-site monitoring wells. The highest SWL ranges between 17.47 feet bgs (off-site down-gradient well MW-10) to 21.99 feet bgs (on-site source-zone well MW-1).

Maximum current benzene concentrations were observed at on-site, source-zone well MW-1 (480 µg/L). Down-gradient well MW-4 (adjacent to the east property boundary, approximately 65 down-gradient of MW-1) maximum current benzene concentration observed was 15 ug/L on 9/8/10; this concentration is historically consistent (within one order magnitude) since 2008. Both MW-1 and MW-4 benzene concentrations are generally decreasing indicating that natural attenuation is occurring and that dissolved-phase benzene concentrations present little risk to off-site receptors due to vapor intrusion.

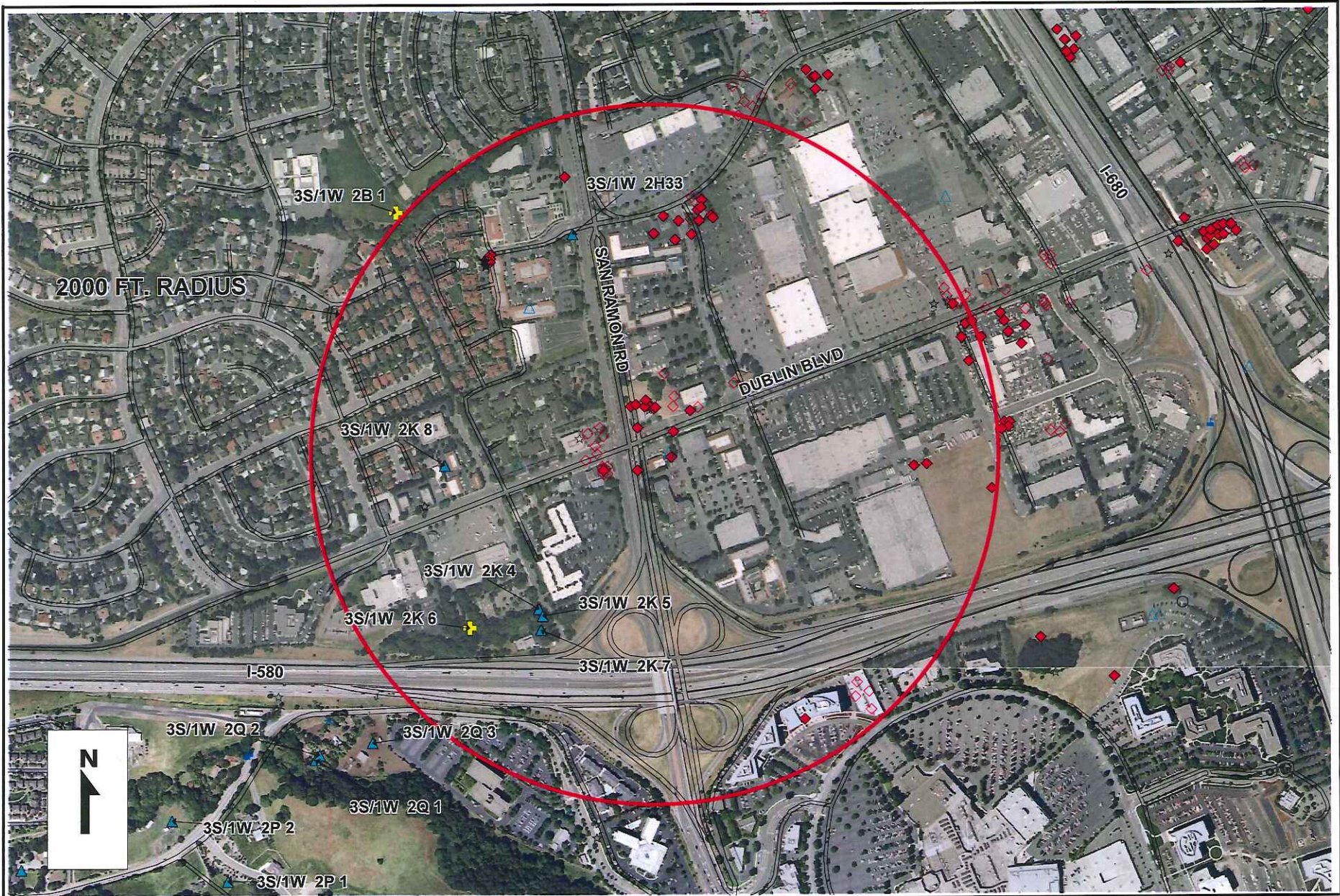
October 2009 and March 2011 soil vapor data collected on-site adjacent to the former gasoline USTs and adjacent to the current on-site convenience store (near-slab sapling). Soil vapor point VP-1 was positioned up-gradient and west of the UST excavation while soil vapor points VP-2 and VP-3 were positioned down-gradient and east of the UST excavation near MW-1 and soil bores #12, #17 and #18. Soil vapor wells VP-1 and VP-3 were screened at approximately 5.25 to 5.75 feet bgs and VP-2 was screened at approximately 4.15 to 4.65 feet bgs below the concrete pavement. Soil vapor sampling occurred during the spring and fall to adequately characterize seasonal variation; although elevated concentrations were observed during fall, both soil vapor sampling events did not exceed ESLs or LTCP criteria.

**ATTACHMENT 5
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	0.85 (PL1 at 1.5' bgs)	0.27 (Sidewall-3 at 7.5' bgs)	0.85 (PL1 at 1.5' bgs)	0.27 (Sidewall-3 at 7.5' bgs)	0.85 / 0.27
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	0.2 (PL1 at 1.5' bgs)	0.4 (Sidewall-3 at 7.5' bgs)	0.2 (PL1 at 1.5' bgs)	0.4 (Sidewall-3 at 7.5' bgs)	0.2 / 0.4
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	<0.660	<0.660	<0.660	<0.660	<0.660
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	<0.660 to <3.3	<0.660 to <3.3	<0.660 to <3.3	<0.660 to <3.3	<0.660 to <3.3
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5
If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment?		----				
If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?		----				

ATTACHMENT 6



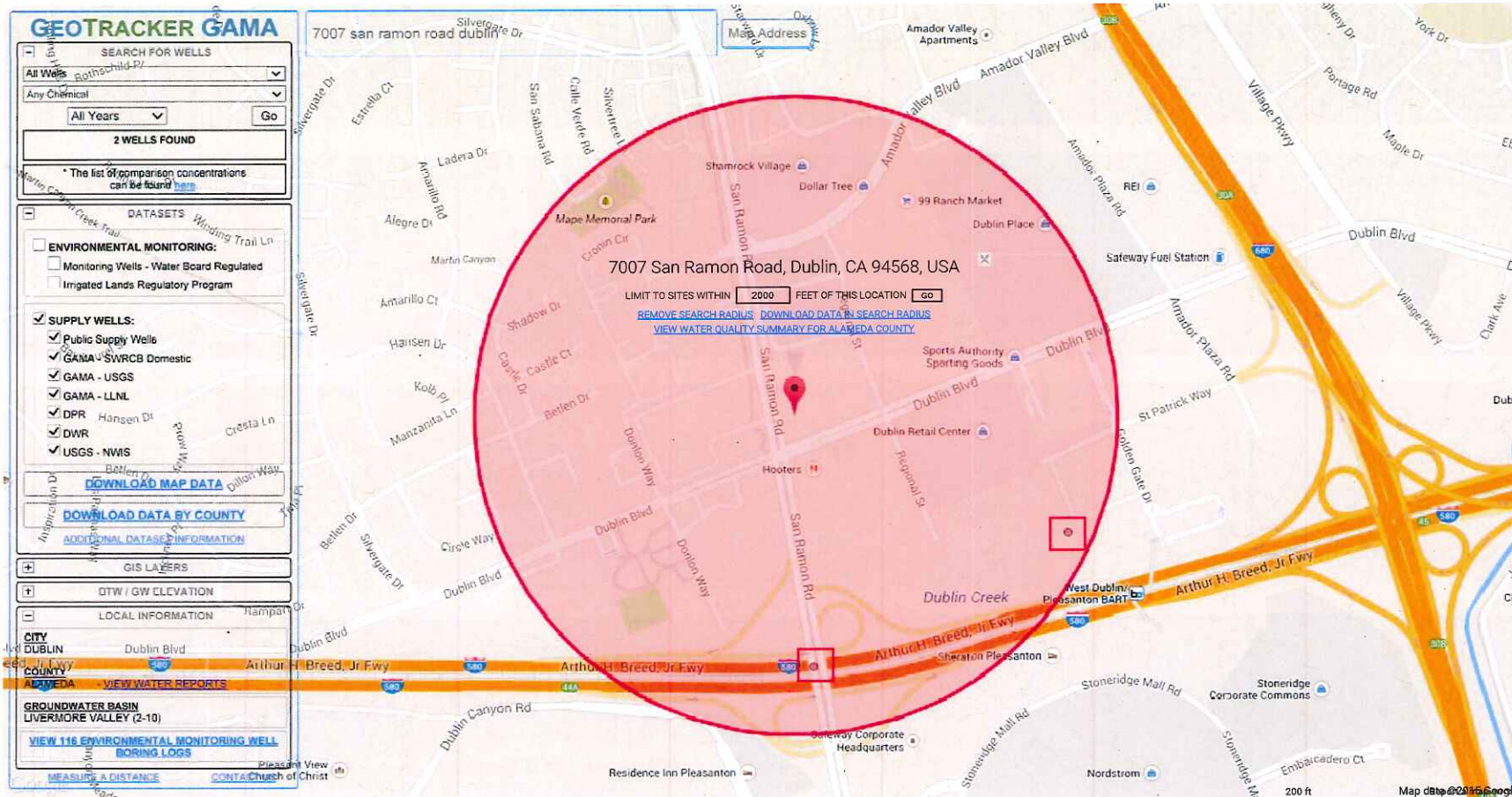
2000 FT. RADIUS



ZONE 7 WATER AGENCY
100 NORTH CANYONS PARKWAY
LIVERMORE, CA 94551

WELL LOCATION MAP

SCALE: 1"= 750 ft
DATE: 9/19/14
7007 San Ramon Bl, Dublin



LOCATIONS FOUND

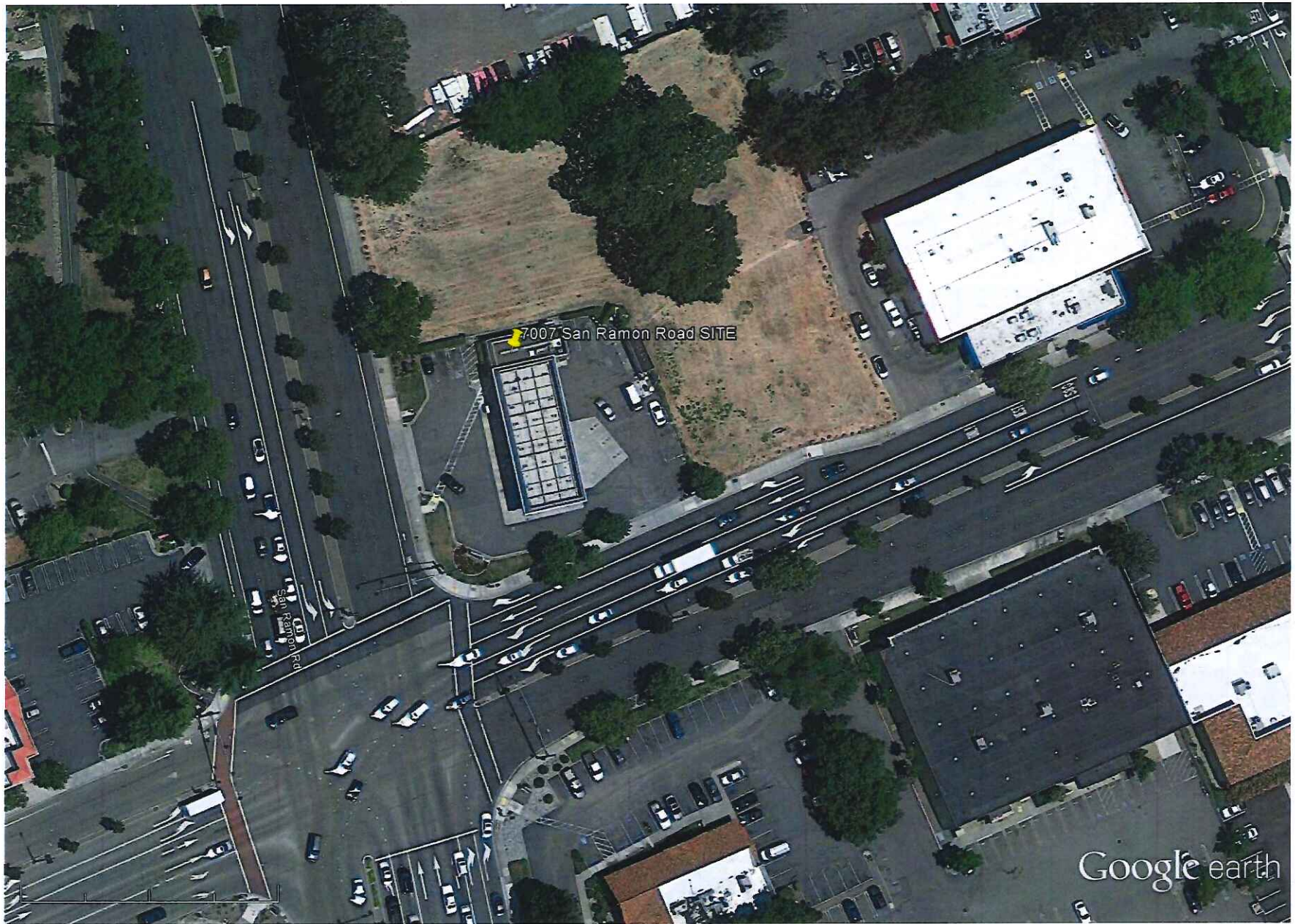
- 1 WELL
- 1 WELL

[ZOOM IN ON LOCATION](#)

[ZOOM IN ON LOCATION](#)

[VIEW WELLS IN CLUSTER](#)

[VIEW WELLS IN CLUSTER](#)



Google earth

feet
meters



Image date 6/9/2014

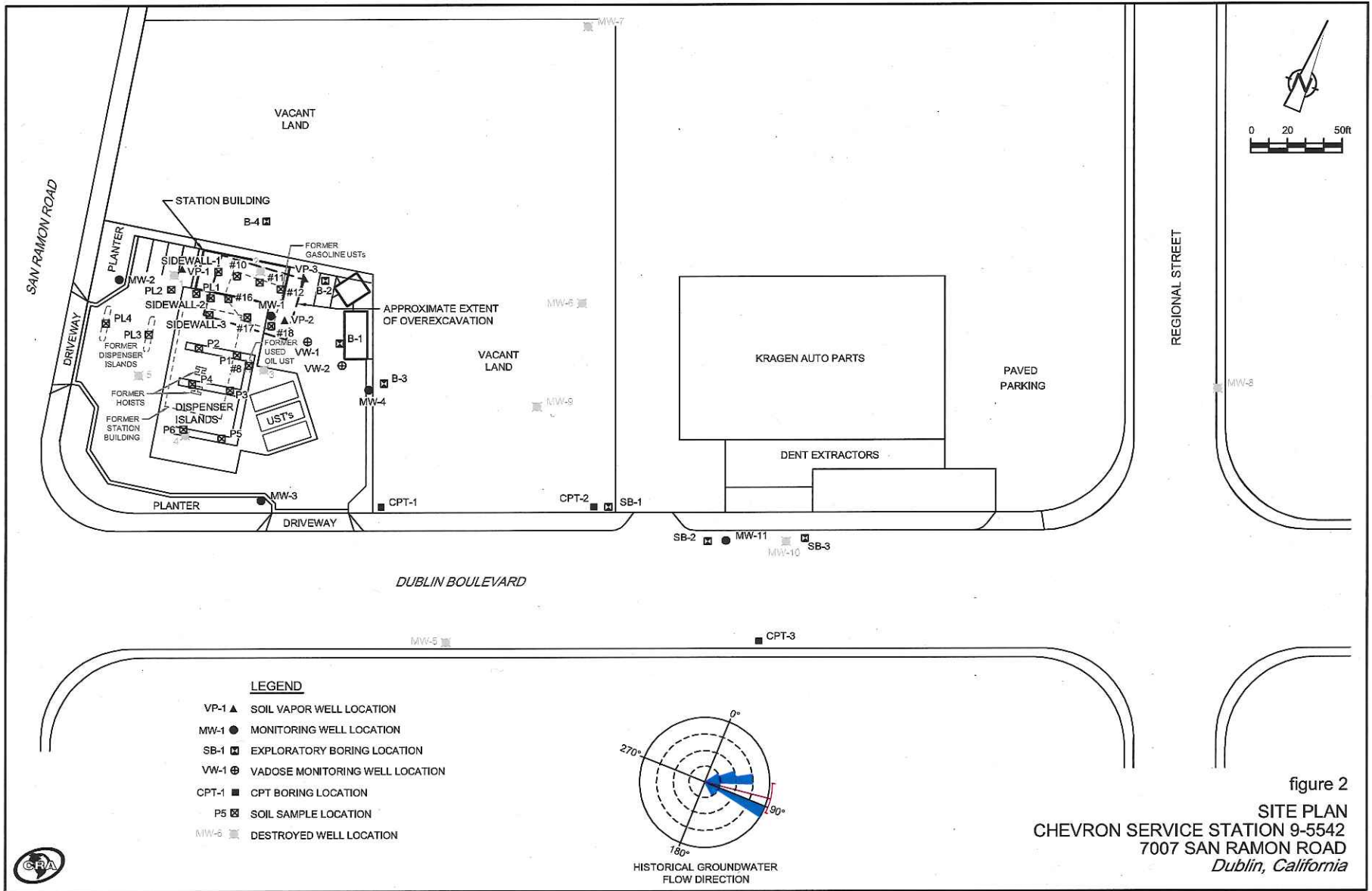
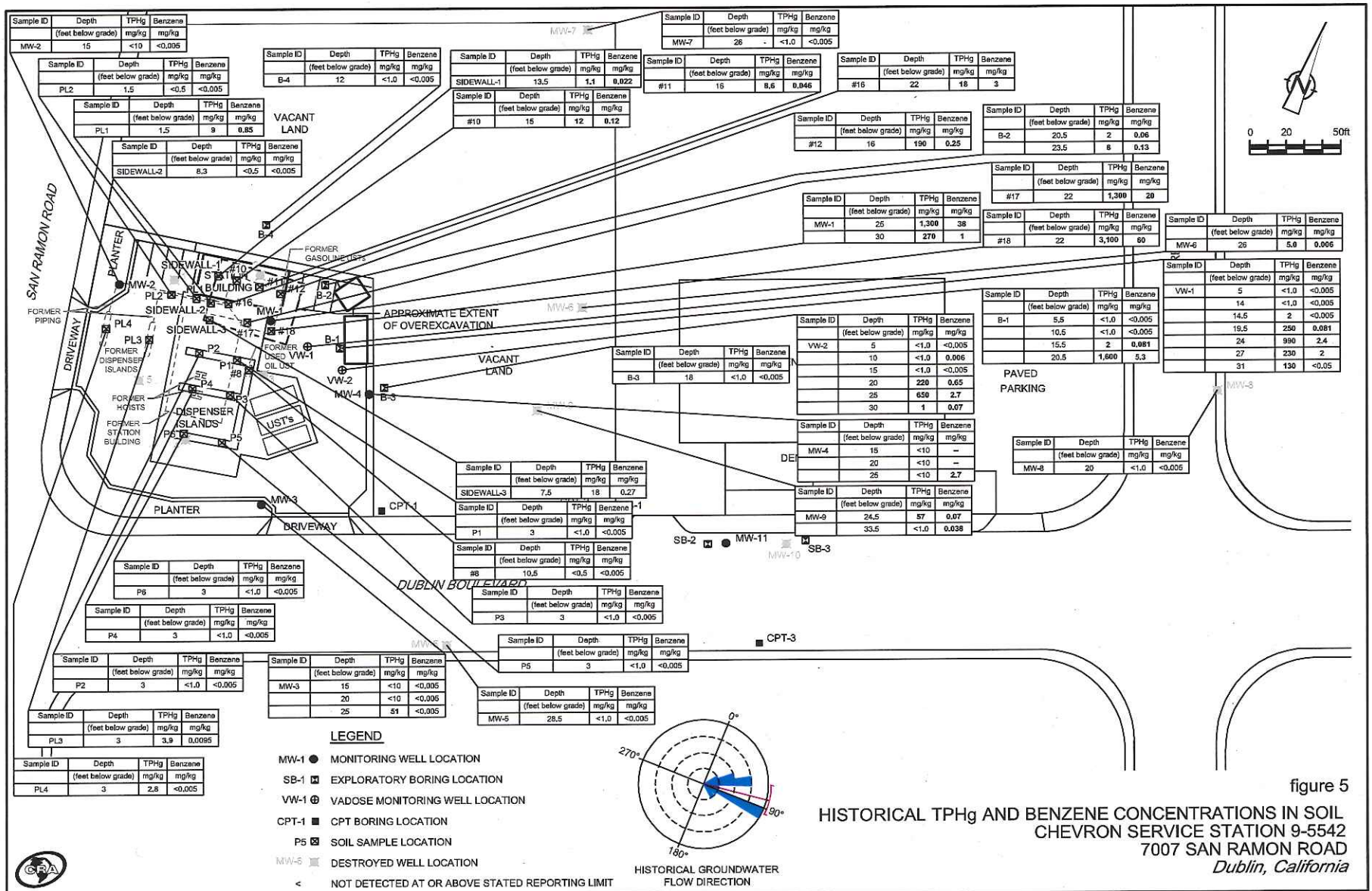


figure 2
SITE PLAN
 CHEVRON SERVICE STATION 9-5542
 7007 SAN RAMON ROAD
 Dublin, California





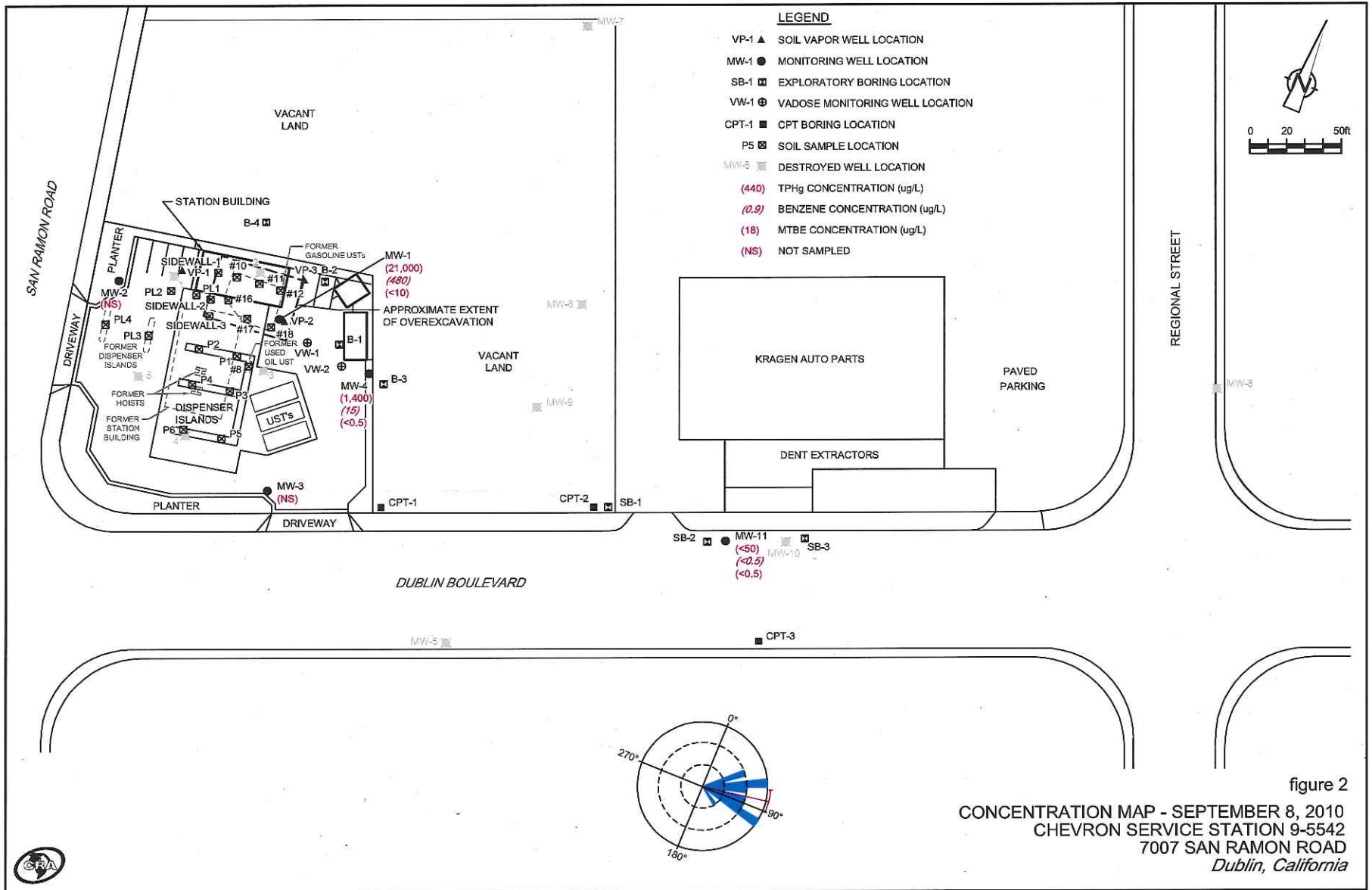


figure 2
 CONCENTRATION MAP - SEPTEMBER 8, 2010
 CHEVRON SERVICE STATION 9-5542
 7007 SAN RAMON ROAD
 Dublin, California

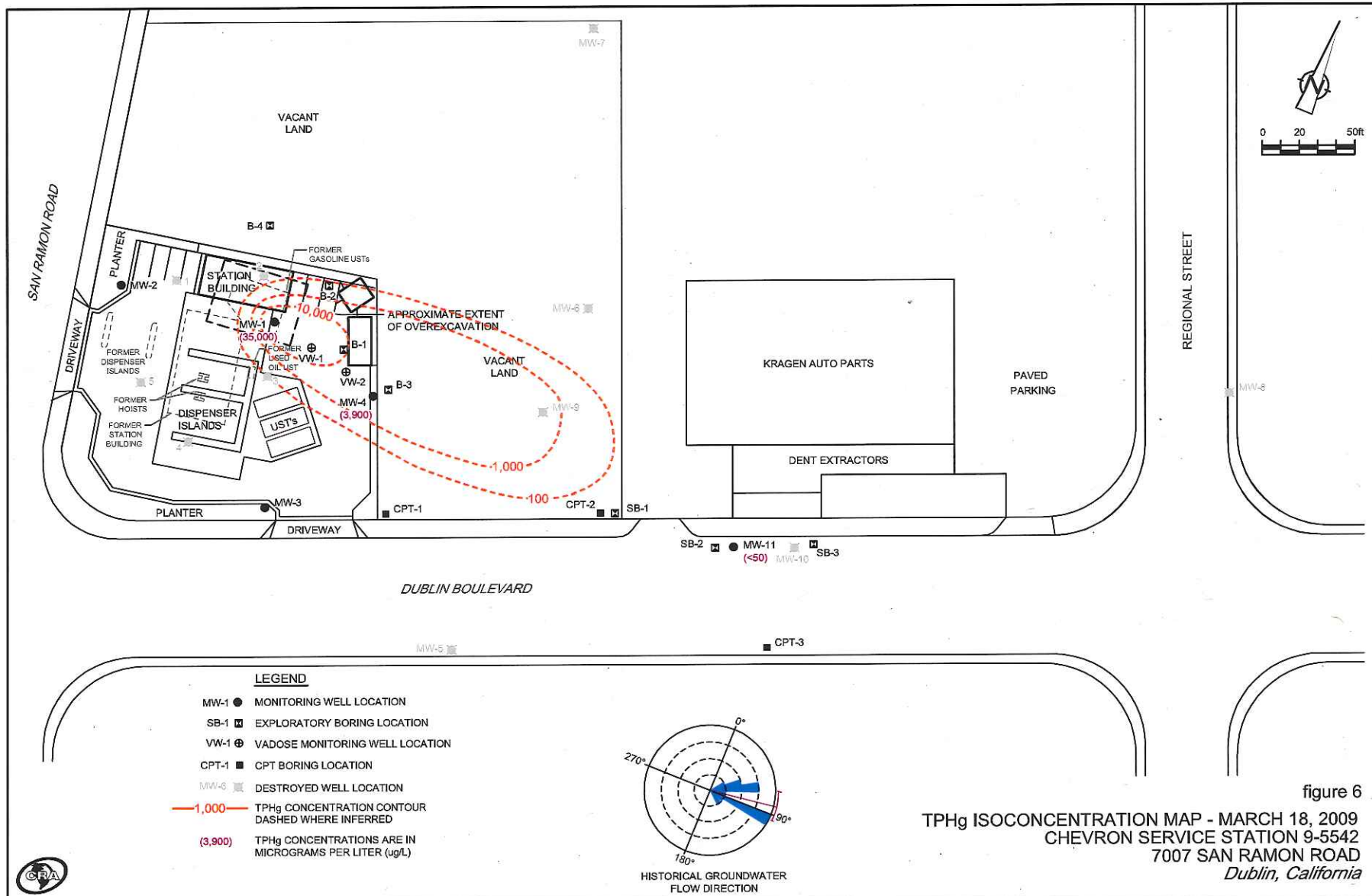


figure 6
 TPHg ISOCONCENTRATION MAP - MARCH 18, 2009
 CHEVRON SERVICE STATION 9-5542
 7007 SAN RAMON ROAD
 Dublin, California

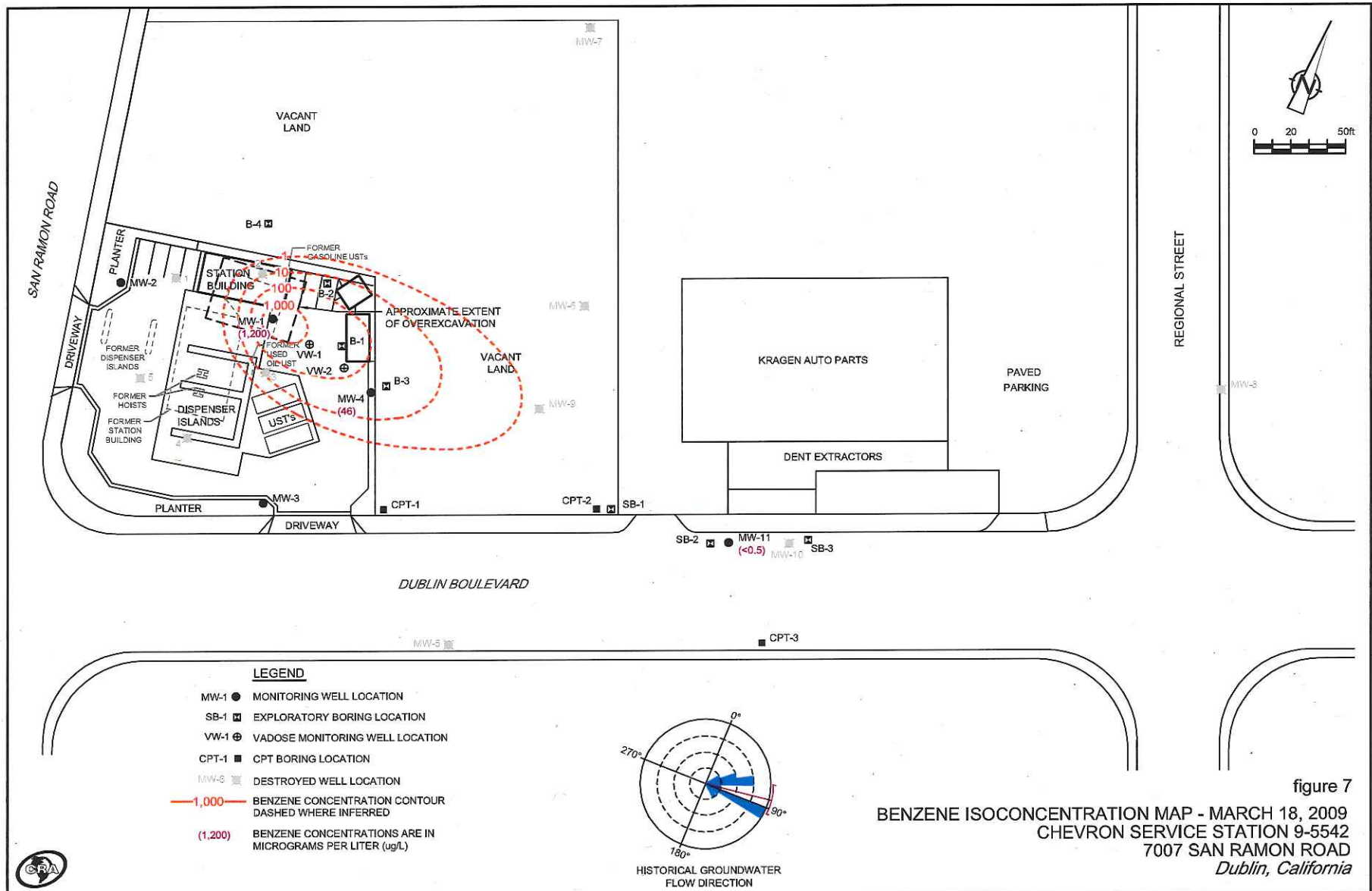
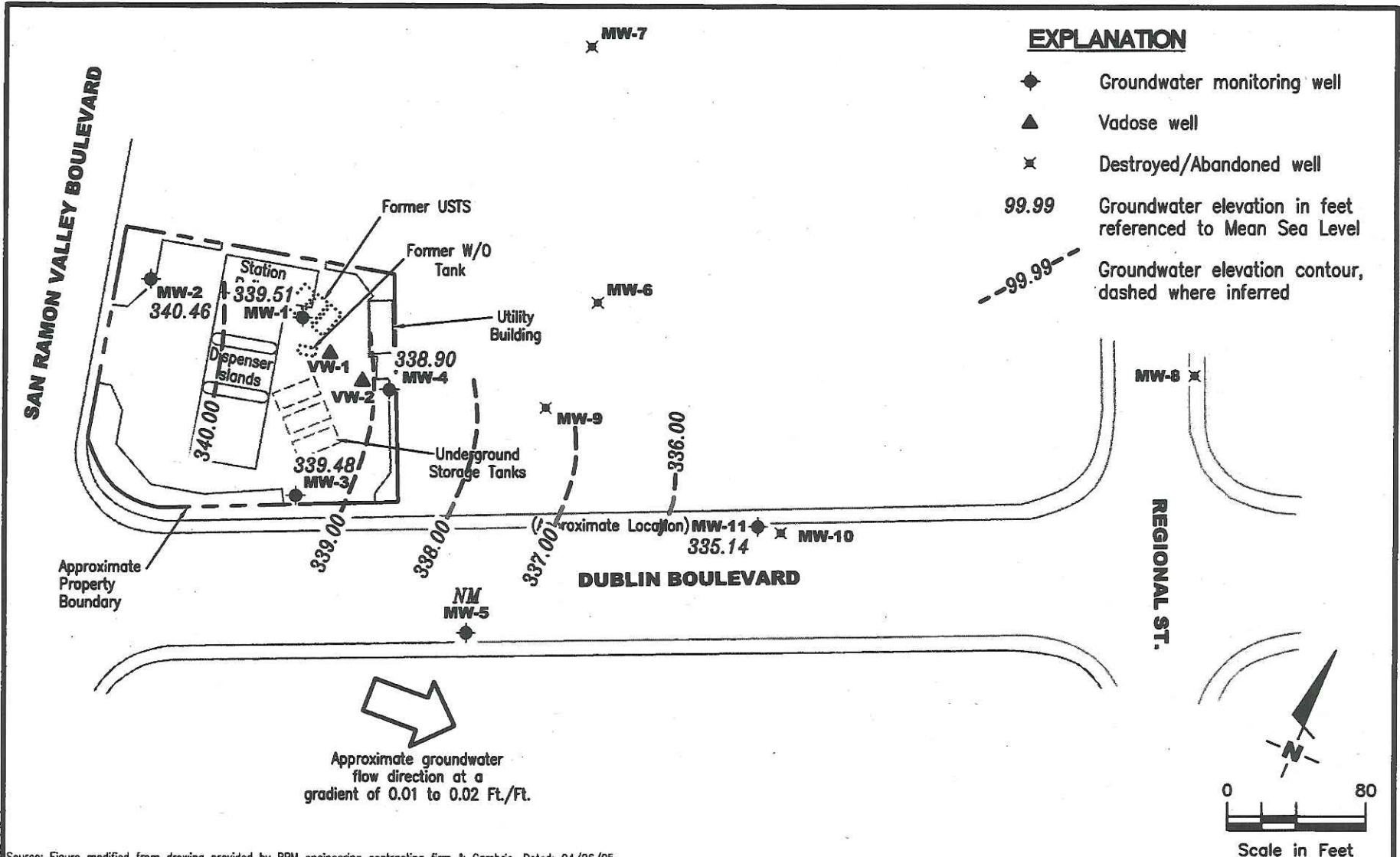


figure 7
 BENZENE ISOCONCENTRATION MAP - MARCH 18, 2009
 CHEVRON SERVICE STATION 9-5542
 7007 SAN RAMON ROAD
 Dublin, California





Source: Figure modified from drawing provided by RRM engineering contracting firm & Cambrio, Dated: 04/26/05

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

POTENTIOMETRIC MAP
 Chevron Service Station #9-5542
 7007 San Ramon Road
 Dublin, California

FIGURE
1

PROJECT NUMBER 385290	REVIEWED BY	DATE September 8, 2010	REVISED DATE
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FILE NAME: P:\Enviro\Chevron\9-5542\Q10-9-5542.DWG | Layout Tab: Pot3

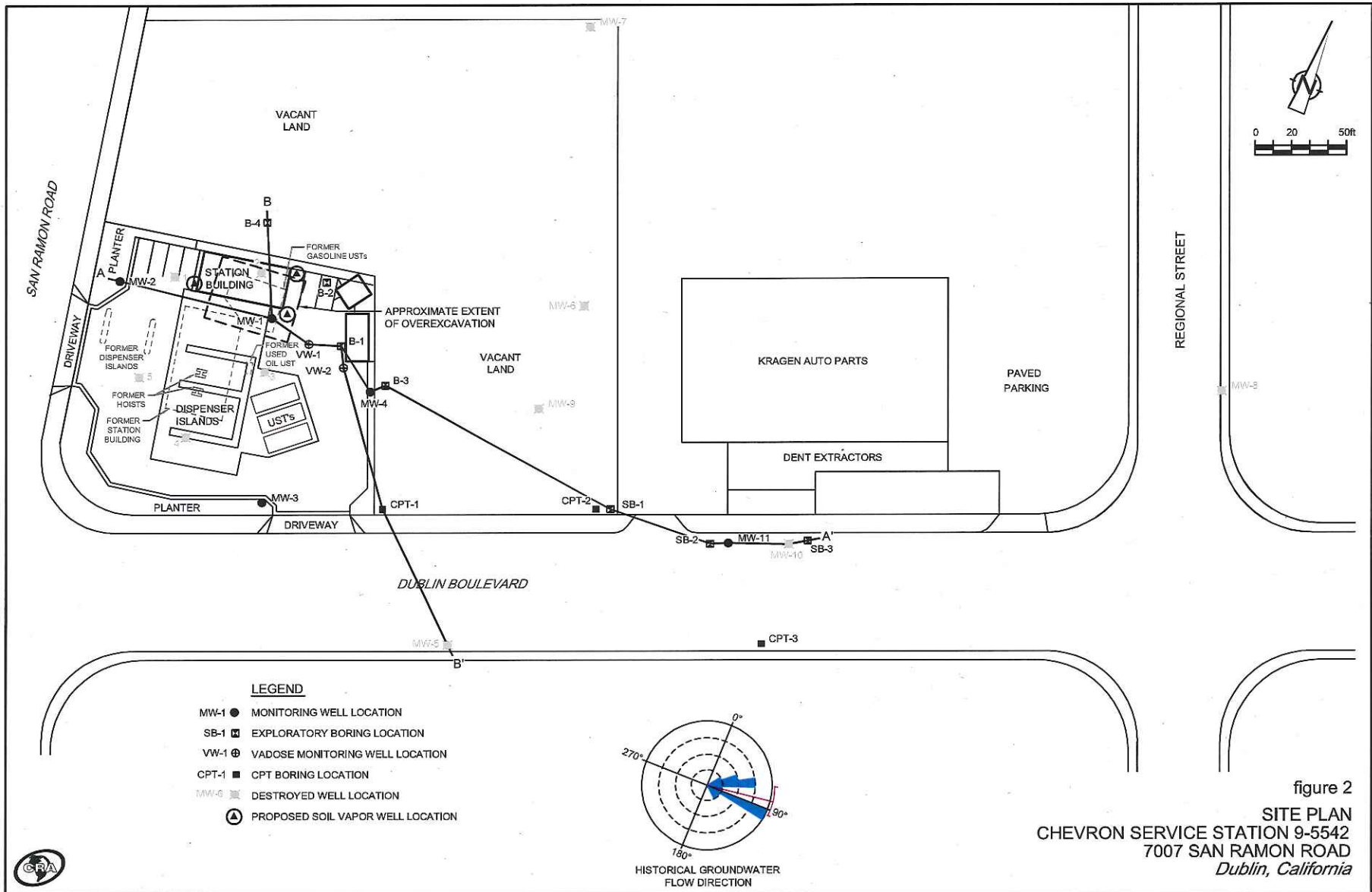
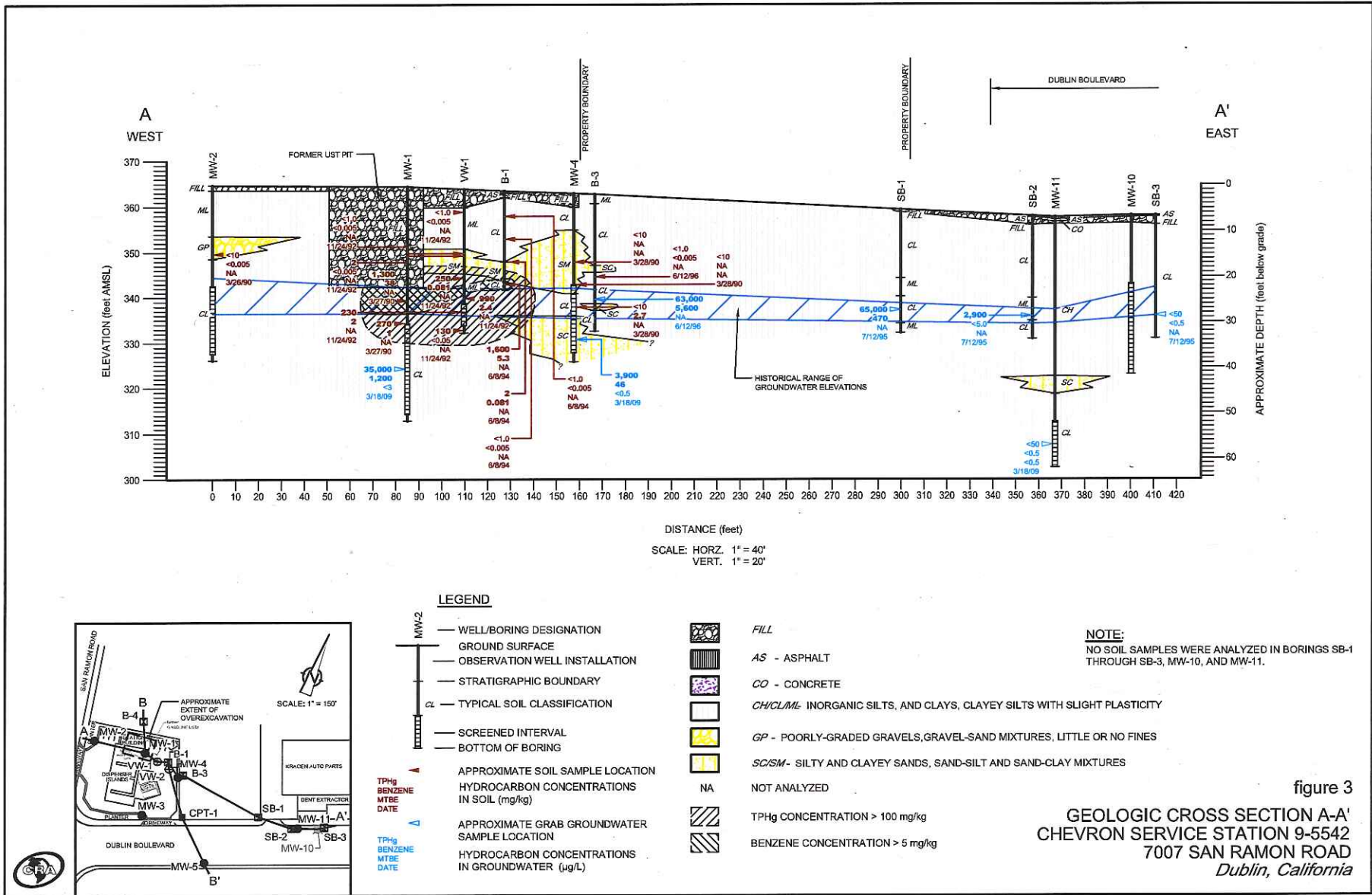
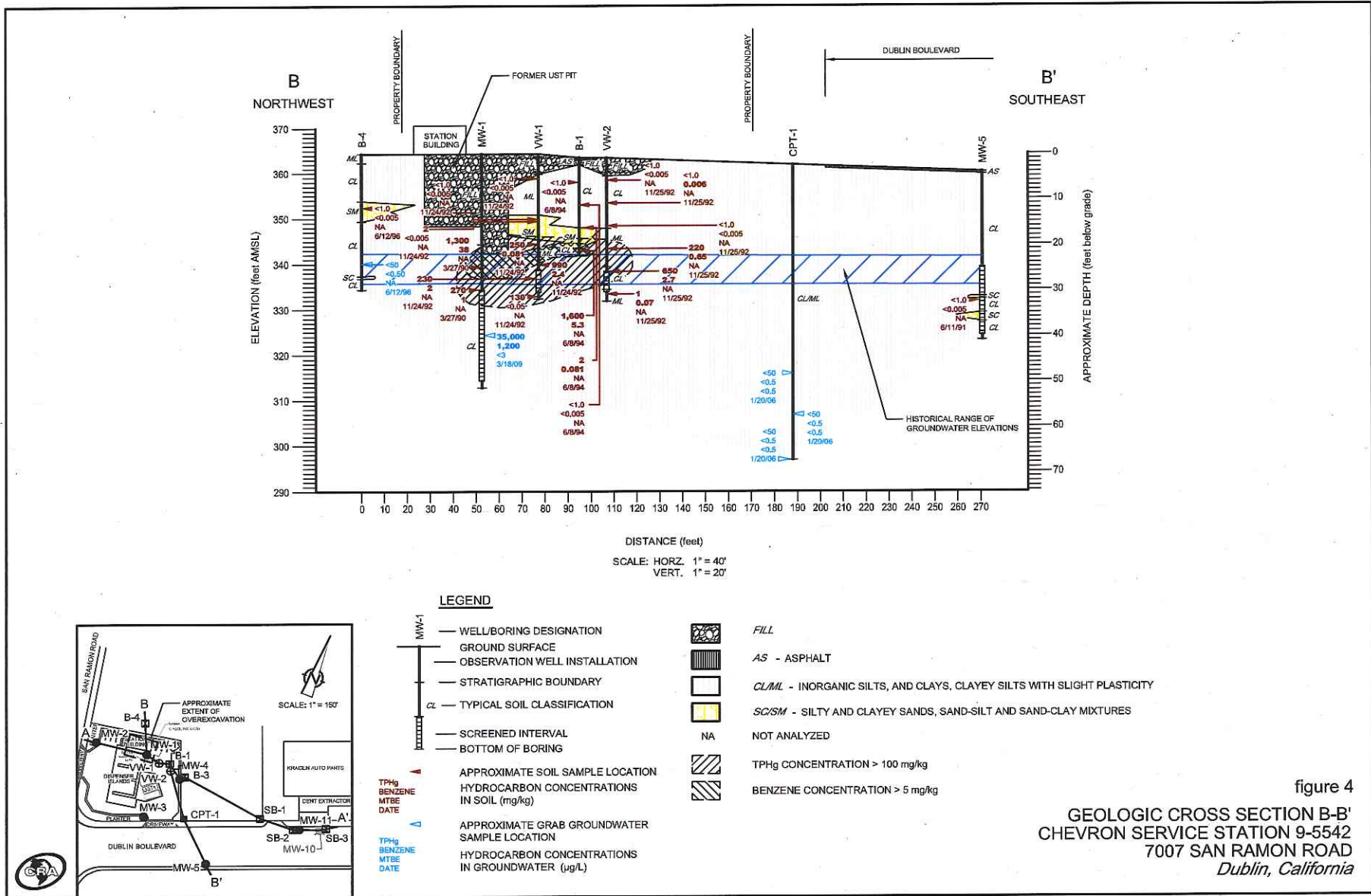
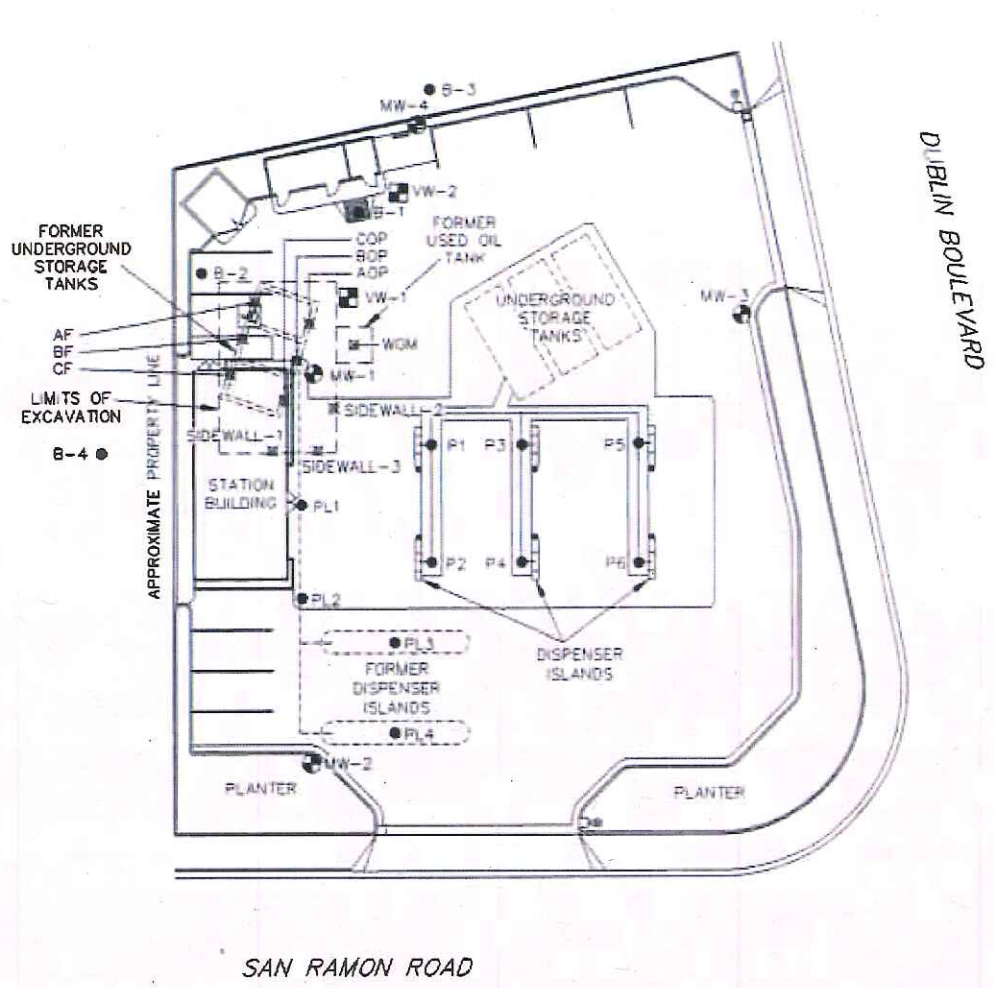


figure 2
 SITE PLAN
 CHEVRON SERVICE STATION 9-5542
 7007 SAN RAMON ROAD
 Dublin, California









- LEGEND**
- ⊕ MW-1 MONITORING WELL LOCATION
 - ⊞ VW-2 VADOSE MONITORING WELL LOCATION
 - B-1 SOIL BORING LOCATION
 - P1 SOIL SAMPLE LOCATION
 - ⊞ CF EXCAVATION SOIL SAMPLE LOCATION

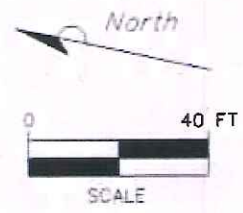
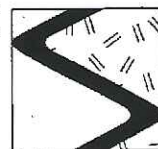


FIGURE 3
 SOIL SAMPLE LOCATION MAP
 CHEVRON SERVICE STATION NO. 9-5542
 7007 SAN RAMON ROAD
 DUBLIN, CA.

PROJECT NO. DG95-542	DRAWN BY M.L. 8/1/00
FILE NO. DG95542B	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY



NOTE FORMER PUMP ISLANDS LOCATED FROM A BLAIN TECH SERVICES HAND SKETCH DRAWING



SIERRA

EXPLANATION

- ⊕ Existing monitoring well
- ⊕ Monitoring well installed by SES

SAN RAMON ROAD

REGIONAL STREET

BOULEVARD

DUBLIN

Residential

Residential

Unocal 76 Service Station

Commercial

Commercial

Woolworth Garden Center

Plant Storage

See's Candy

CHEVRON

Restaurant

Grand Auto

Bob's Big Boy

Furniture 2000

Commercial

Parking

Homestead Savings

Parking

Security Pacific Bank

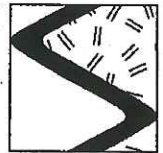
Parking

Parking



NOT TO SCALE

Figure 3. Properties and Businesses in the Vicinity of Chevron Service Station #9-5542 - 7007 San Ramon Road, Dublin, California



SIERRA

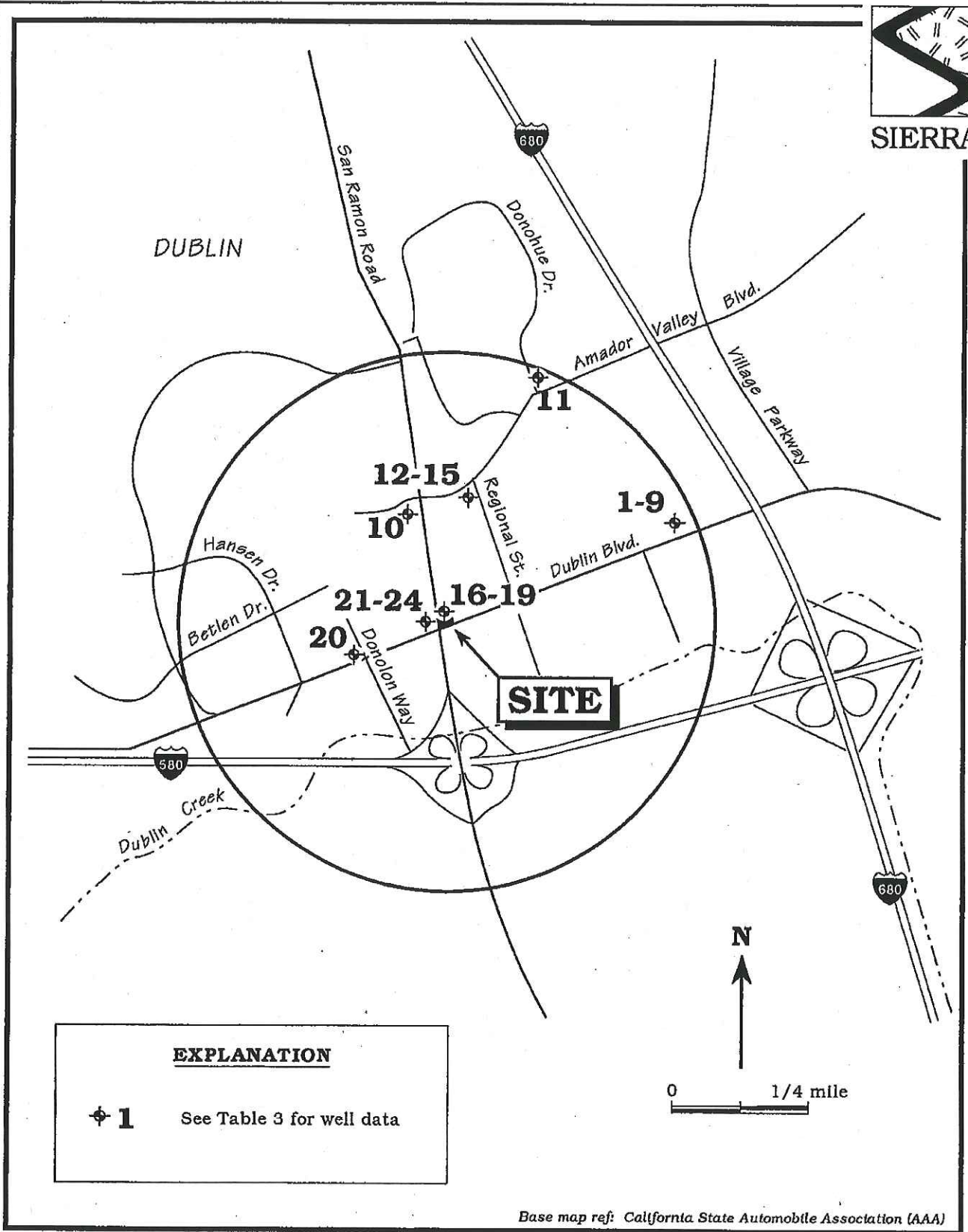


Figure 4. Water Wells Within One-Half Mile of Chevron Service Station #9-5542 - 7007 San Ramon Road, Dublin, California



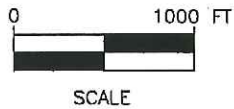
R.1 W.

GENERAL NOTES:
 BASE MAP FROM U.S.G.S.
 DUBLIN, CA
 7.5 MINUTE TOPOGRAPHIC
 PHOTOREVISED 1980



LEGEND:

① WATER WELL LOCATION



QUADRANGLE LOCATION

FIGURE 8
 WATER WELL LOCATION MAP
 WITHIN A 2,000 FOOT RADIUS OF SITE
 CHEVRON SERVICE STATION NO. 9-5542
 7007 SAN RAMON ROAD
 DUBLIN, CA.

PROJECT NO. DG95-542	DRAWN BY M.L. 8/10/00
FILE NO. DG95542A	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY



TABLE 4

WATER WELLS WITHIN A 2,000 FOOT RADIUS

Chevron Station No. 9-5542
 7007 San Ramon Road
 Dublin, California

NUMBER	WELL TYPE	WELL OWNER	OWNER ADDRESS	WELL STATUS	WELL ID
19	Municipal	A.D. Selditch & Associates, Inc.	6267E Joaquin Manela Avenue Newark, Ca.	Unknown	--
10	Municipal	Zone-7	5997 Parkside Drive Pleasanton, Ca.	Destroyed	3S/1W-2A1
11	Municipal	Dougherty Regional Fire Authority	9399 Firecrest Lane San Ramon, Ca.	Unknown	--
12 15	Monitoring	Texaco	7540 Amador Valley Road Dublin, Ca.	Active	---
16-19	Monitoring	Chevron Products Company	P.O. Box 5004 San Ramon, Ca.	Active	---
20	Domestic	Dublin Heritage Center	6600 Donolan Way Dublin, Ca.	Destroyed	3S/1W-2K6
21 24	Monitoring	Unocal	2000 Crow Canyon Place San Ramon, Ca.	Active	---



Table 3. Water Wells Within One-Half Mile of Chevron Service Station #9-5542,
7007 San Ramon Road, Dublin, California

Map Ref	Well Owner	Well Owner's Address	Well Location*	Well Use
1-9	A.D. Selditch & Assoc Inc.	6267E Joaquin Manela Ave. Newark, California	Montgomery Ward 6900 Amador Plaza Rd. (7575 Dublin Blvd.)	M
10	Zone 7 Water Agency	5997 Parkside Dr. Pleasanton, California	SW corner of San Ramon Rd. Amador Valley Blvd.	M
11	Dougherty Regional Fire Authority	9399 Firecrest Ln San Ramon, California	7494 Donohue Dr., Dublin	M
12-15	Texaco	---	7840 Amador Valley Rd. Dublin	Mon
16-19	Chevron USA	P.O. Box 5004 San Ramon, California	7007 San Ramon Rd. (San Ramon & Dublin Blvd.)	Mon
20	Dublin Historical	Donolan Way Dublin, California	same ?	D
21-24**	Unocal	Unocal Corporation 2000 Crow Canyon Place San Ramon, California	11976 Dublin Boulevard Dublin, California	Mon

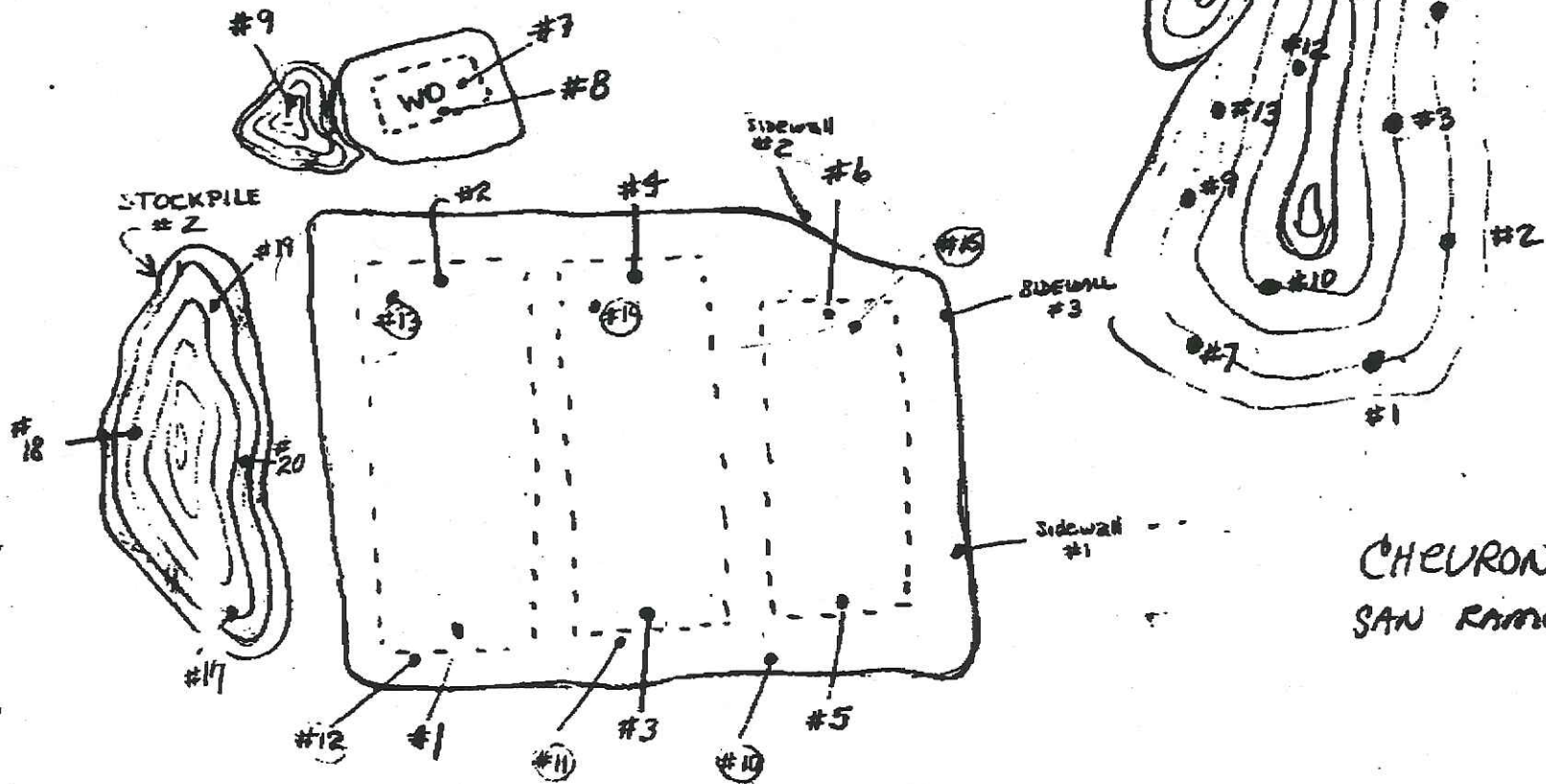
EXPLANATIONS:

D = Domestic
I = Irrigation
M = Municipal
Mon = Monitoring

NOTES:

* Well locations are shown on Figure 4 (Appendix A)
** These wells were identified during the area business survey

SAMPLE	DEPTH (FT)	SAMPLE	DEPTH
1	11.5	SIDEWALL 1	13.5
2	11.0	SIDEWALL 2	8.3
3	11.0	SIDEWALL 3	7.5
4	11.5		
5	11.0		
6	12.0	STOCK PILE 5	
7	8.0	STOCKPILE #2	
8	10.5	17-20	
9	STOCKPILE		
10	15	STOCKPILE #1	
11	16.0	1-16	
12	16.0		
13	15.5		
14	16.0		
15	16.0		

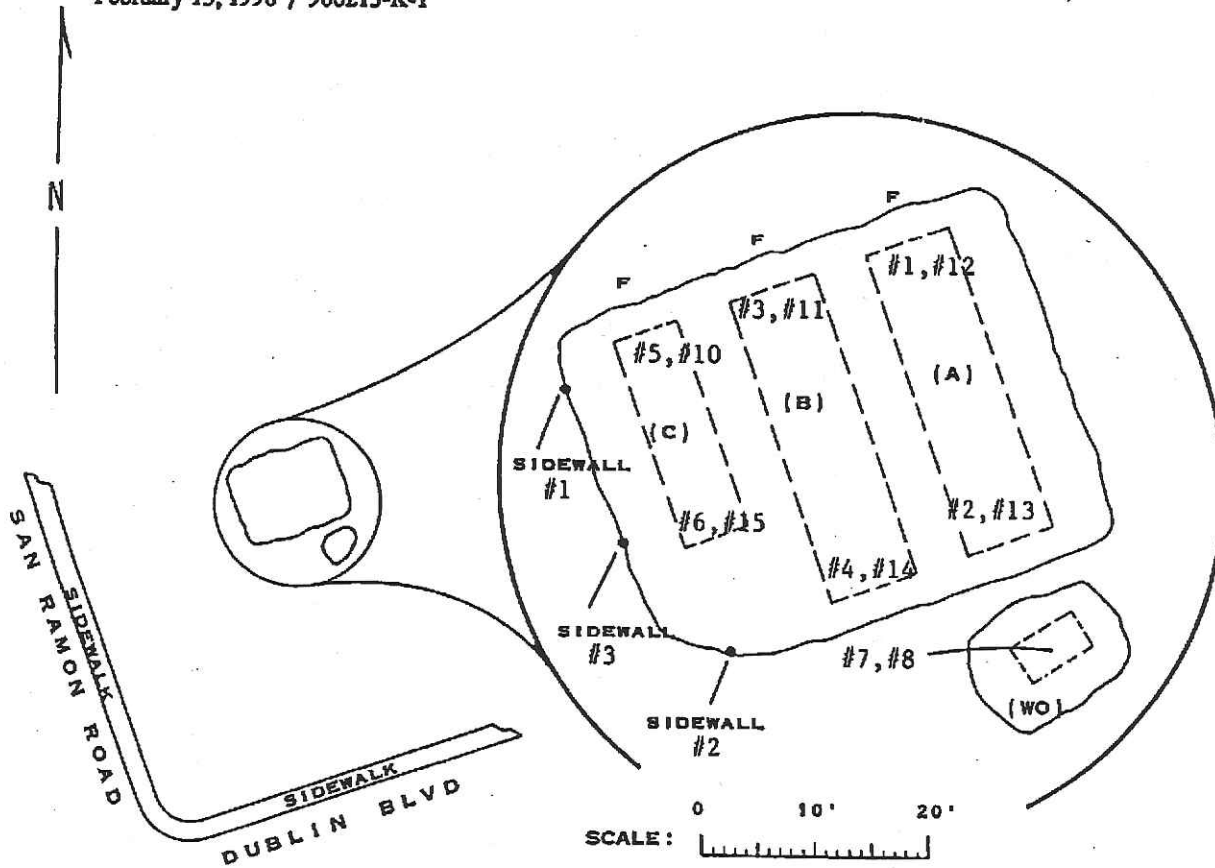


CHEVRON
SAN RAMON + DUBLIN

TANK REMOVAL DIAGRAM

DIAGRAM ONE

February 13, 1990 / 900213-K-1



SCALE: 0 25' 50' 75'

MAP REF: THOMAS BROS.
ALAMEDA COUNTY
P. 35 D-3

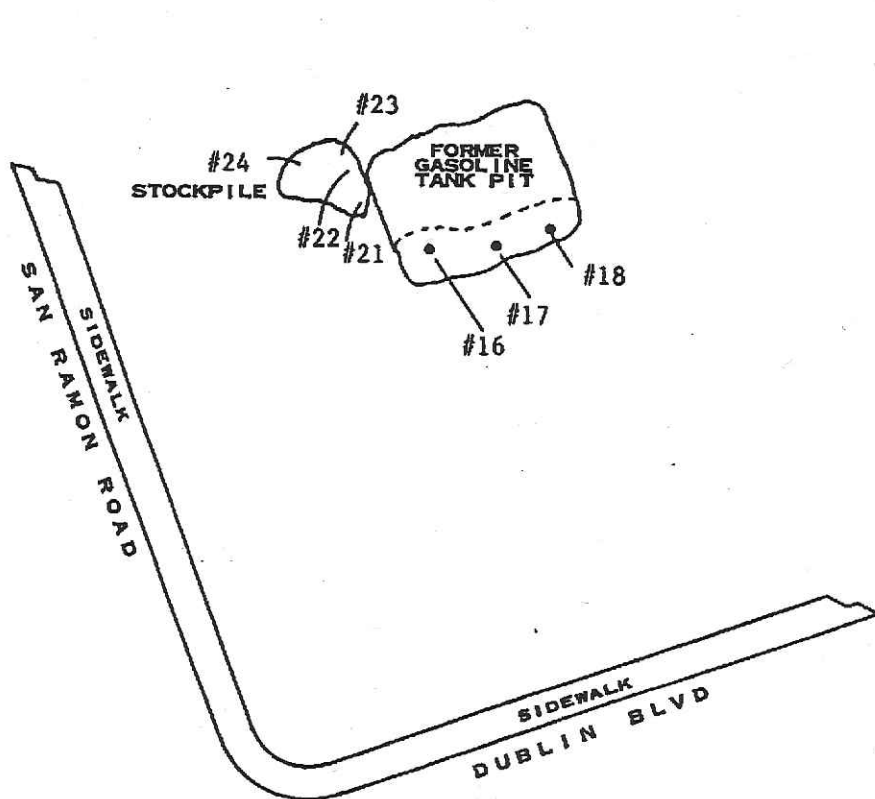
LEGEND: F = FILL END

ENLARGEMENT OF GASOLINE STORAGE
TANK AND WASTE OIL TANK PITS

SAMPLING PERFORMED BY JOHN KOMAN
DIAGRAM PREPARED BY BRENT ADAMS

ADDITIONAL EXCAVATION DIAGRAM

February 14, 1990 / 900214-K-1



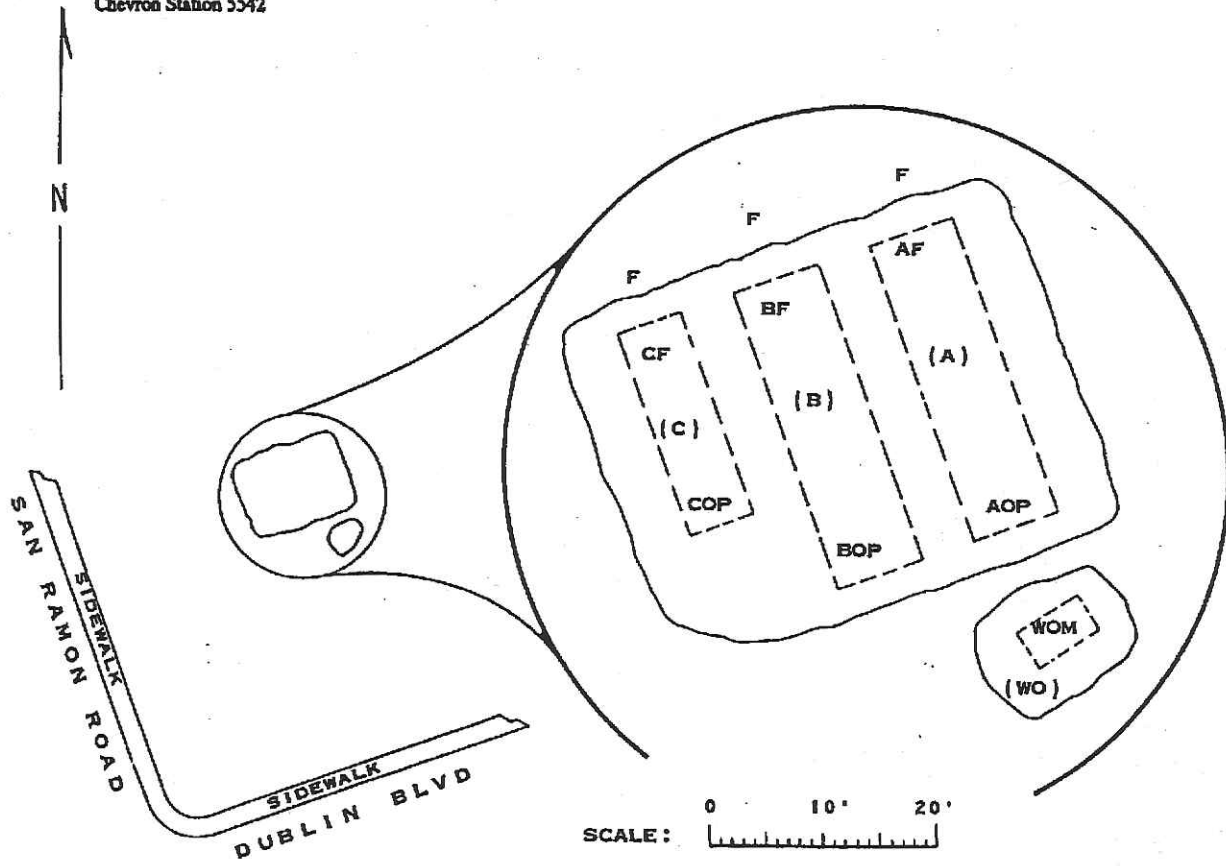
SCALE: 0 25' 50' 75'

MAP REF: THOMAS BROS.
ALAMEDA COUNTY
P. 35 D-3

SAMPLING PERFORMED BY JOHN KOMAN
DIAGRAM PREPARED BY BRENT ADAMS

MASTER SITE DIAGRAM

Chevron Station 5542



SCALE: 0 25' 50' 75'

MAP REF: THOMAS BROS.
ALAMEDA COUNTY
P. 35 D-3

LEGEND: F = FILL END
OP = OPPOSITE THE FILL END
M = MIDDLE

ENLARGEMENT OF GASOLINE STORAGE
TANK AND WASTE OIL TANK PITS

SCALE: 0 10' 20'

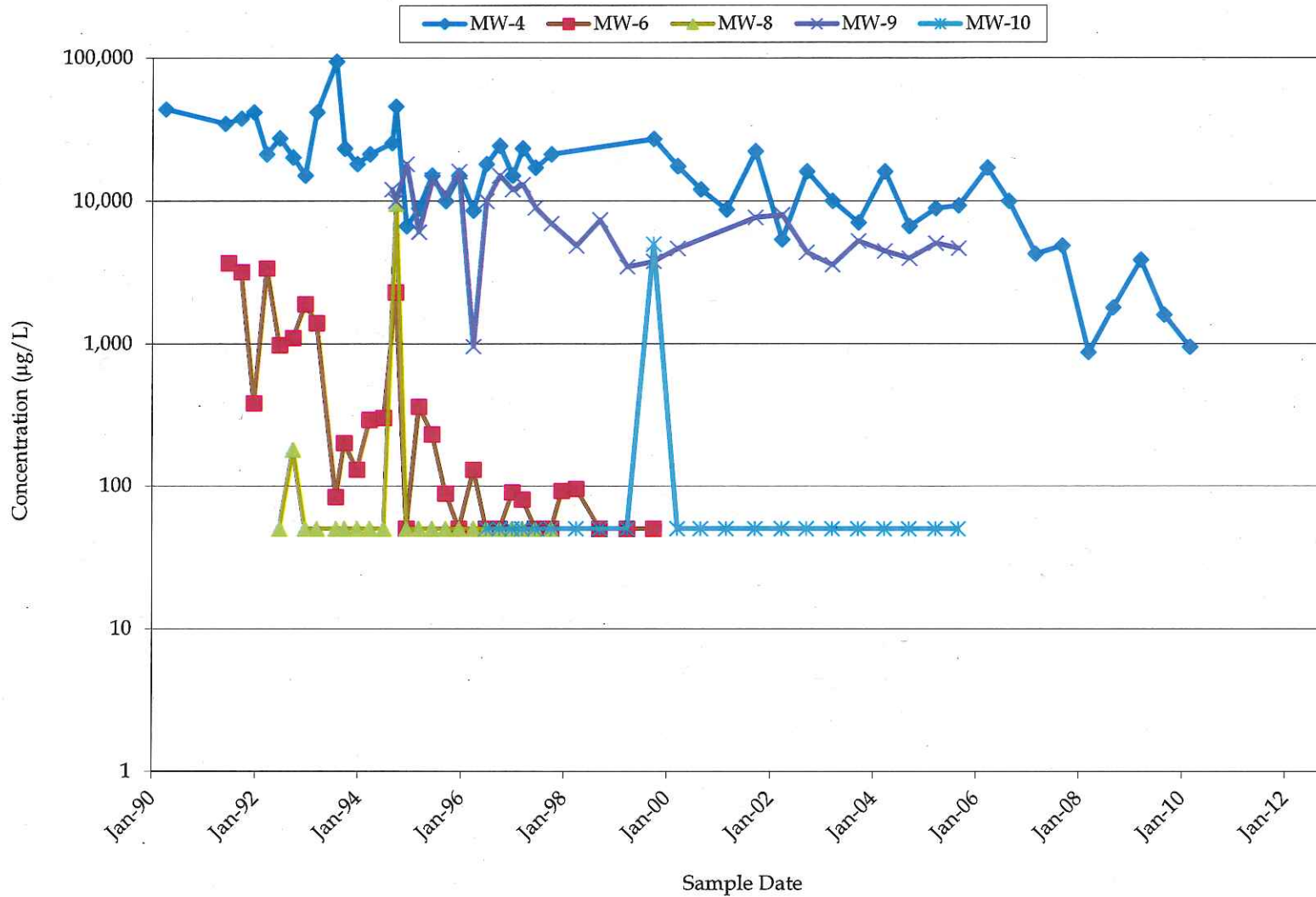
- TANK (A) 10,000 GALLON GASOLINE TANK
- TANK (B) 10,000 GALLON GASOLINE TANK
- TANK (C) 4,000 GALLON GASOLINE TANK
- TANK (WO) 500 GALLON WASTE OIL TANK

ATTACHMENT 7

TABLE 1
WELL CONSTRUCTION DETAILS
CHEVRON SERVICE STATION 9-5542
7007 SAN RAMON ROAD, DUBLIN, CALIFORNIA

Boring ID	Installation Date	Well		Screen		Screen Length (feet)	Comments
		Depth (fbg)	Diameter (inches)	Top (fbg)	Bottom (fbg)		
MW-1	03/27/90	36.5	2	21	36	15	
MW-1	11/25/92	51.5	4	30	50	20	Original MW-1 overdrilled to new depth
MW-2	03/26/90	37	2	22	37	15	
MW-3	03/26/90	36.5	2	21	36	15	
MW-4	03/28/90	36.5	2	21	36	15	
MW-5	06/11/91	36	2	21	36	15	
MW-6	06/11/91	35	2	20	35	15	
MW-7	06/12/91	35	2	20	35	15	
MW-8	12/06/91	35	2	15	35	20	
VW-1	11/24/92	31.5	2	25	30	5	
VW-2	11/25/92	31.5	2	25	29.5	4.5	
MW-9	06/08/94	34.5	2	19	34.5	15.5	
MW-10	06/12/96	35	2	15	35	20	
MW-11	11/30/08	55	2	45	55	10	

fbg = feet below grade



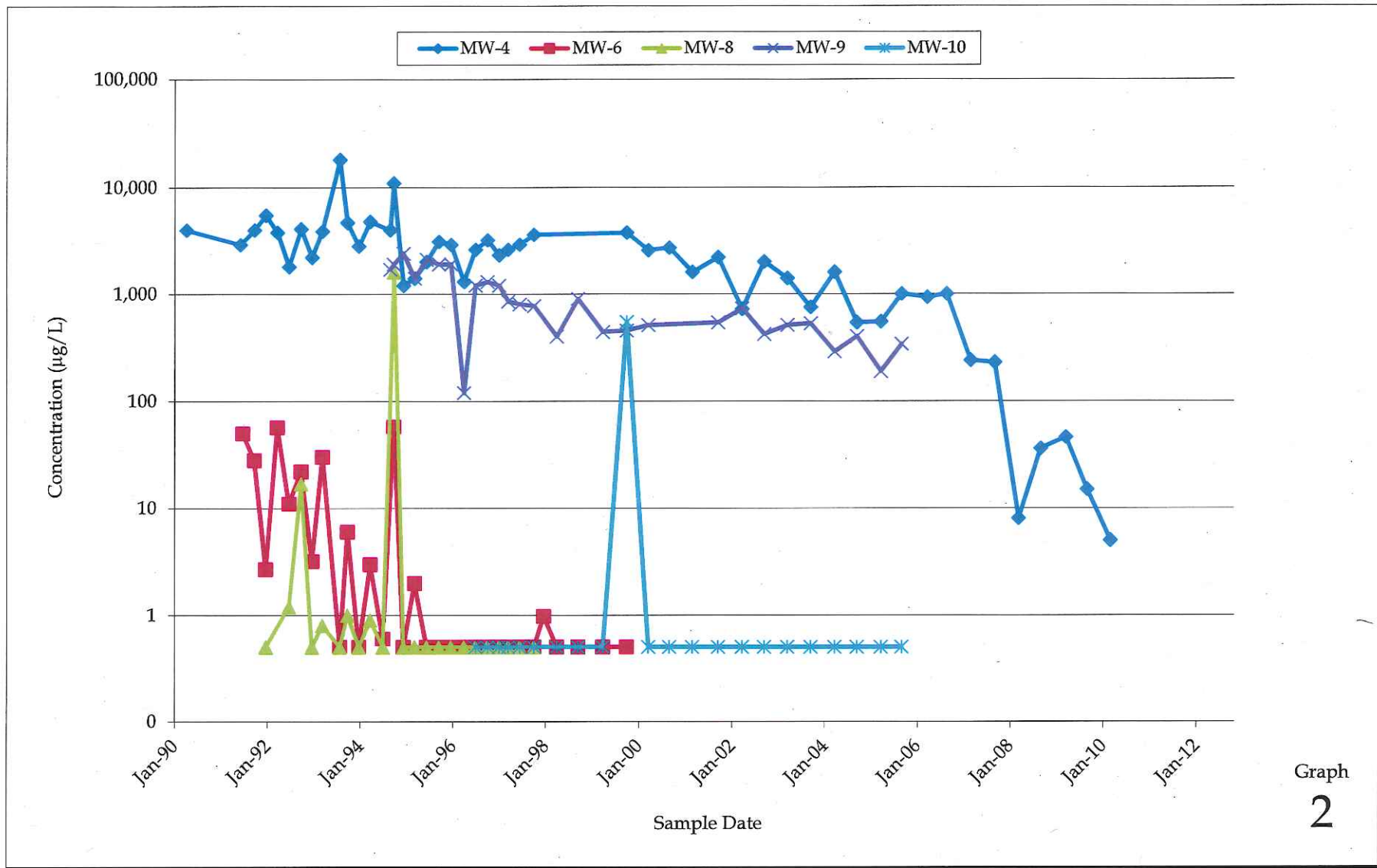
Graph
1

CHEVRON SERVICE STATION 95542
7007 SAN RAMON ROAD
DUBLIN, CA



**CONESTOGA-ROVERS
& ASSOCIATES**

MONITORING WELLS MW-4, MW-6, MW-8,
MW-9, AND MW-10
TPHg CONCENTRATIONS
VERSUS TIME

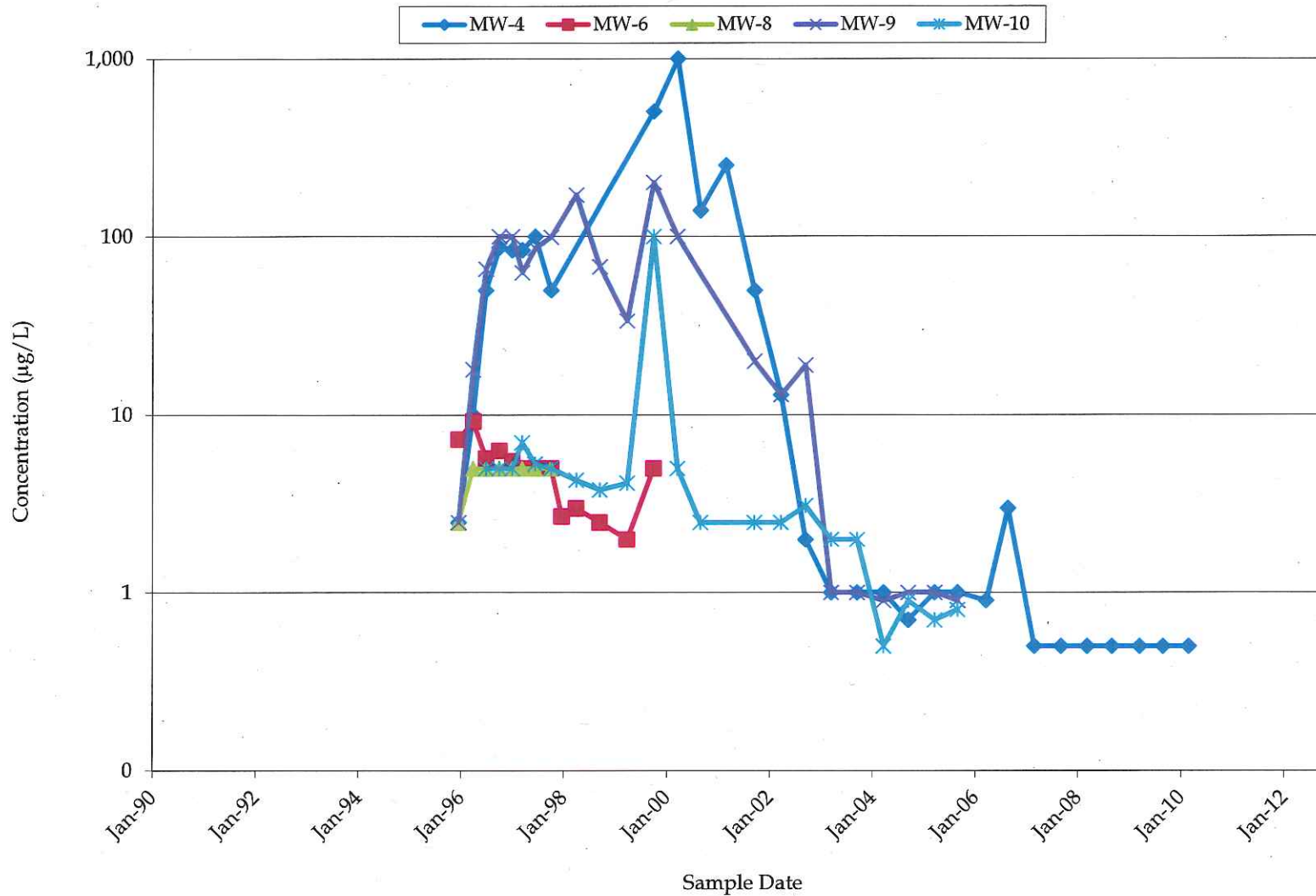


Graph
2

CHEVRON SERVICE STATION 95542
7007 SAN RAMON ROAD
DUBLIN, CA



MONITORING WELLS MW-4, MW-6, MW-8,
MW-9, AND MW-10
BENZENE CONCENTRATIONS
VERSUS TIME



Graph
3

CHEVRON SERVICE STATION 95542
7007 SAN RAMON ROAD
DUBLIN, CA



CONESTOGA-ROVERS
& ASSOCIATES

MONITORING WELLS MW-4, MW-6, MW-8,
MW-9, AND MW-10
MTBE CONCENTRATIONS
VERSUS TIME

TABLE 2
 HISTORICAL SOIL SAMPLE ANALYTICAL RESULTS
 CHEVRON SERVICE STATION 9-5542
 7007 SAN RAMON ROAD, DUBLIN, CALIFORNIA

Boring/ Sample ID	Depth (ft)	Date Sampled	TPHg mg/kg	TPHd mg/kg	TOG mg/kg	Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Xylenes mg/kg	MTBE mg/kg	Semi-VOCs mg/kg	VOCs mg/kg	Pb mg/kg	Cd mg/kg	Cr mg/kg	Zn mg/kg	Sb mg/kg	As mg/kg	Be mg/kg	Cu mg/kg	Hg mg/kg	Ni mg/kg	Se mg/kg	Ag mg/kg	Tl mg/kg		
Gasoline UST and Product Line Removal																											
PL1	1.5	2/8/90	9	NA	NA	0.85	0.017	0.2	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL2	1.5	2/8/90	<0.5	NA	NA	<0.005	<0.005	<0.005	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL3	3	2/8/90	3.9	NA	NA	0.0095	0.011	0.16	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL4	3	2/8/90	2.8	NA	NA	<0.005	<0.005	0.16	0.072	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#1	11.5	2/13/90	3,100	NA	NA	1.8	50	51	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#2	11	2/13/90	5,000	NA	NA	2	210	120	780	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#3	11	2/13/90	5.0	NA	NA	0.19	0.060	0.35	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#4	11.5	2/13/90	4,800	NA	NA	8.8	430	130	690	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#5	11	2/13/90	2.4	NA	NA	0.017	0.068	0.045	0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#6	12	2/13/90	2,900	NA	NA	2.2	120	51	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#10	15	2/13/90	12	NA	NA	0.12	0.4	0.11	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#11	16	2/13/90	8.6	NA	NA	0.046	0.4	0.13	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#12	16	2/13/90	190	NA	NA	0.26	2.5	2.5	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#13	15.5	2/13/90	5,100	NA	NA	30	360	110	680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#14	16	2/13/90	2,900	NA	NA	23	150	45	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#16	22	2/14/90	18	NA	NA	3	5	0.5	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#17	22	2/14/90	1,300	NA	NA	20	98	33	160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
#18	22	2/14/90	3,100	NA	NA	60	219	69	355	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sidewall-1	13.5	2/13/90	1.1	NA	NA	0.022	0.013	0.023	0.07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sidewall-2	8.3	2/13/90	<0.5	NA	NA	<0.005	<0.005	<0.005	0.0068	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sidewall-3	7.5	2/13/90	18	NA	NA	0.27	0.89	0.4	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P1	3	9/16/98	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P2	3	9/16/98	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P3	3	9/16/98	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P4	3	9/16/98	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P5	3	9/16/98	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P6	3	9/16/98	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	<0.05	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Used-Oil UST Removal																											
#7	8	2/13/90	0.55	NA	12	0.0046	0.019	<0.005	0.49	NA	ND	ND	15	<3	8	19	<25	140	<1	21	0.02	23	<50	<5	25		
#8	10.5	2/13/90	<0.5	<1.0	12	<0.005	<0.005	<0.005	0.02	NA	ND	ND	12	<3	5	17	<25	85	<1	16	<0.02	16	<50	<5	20		
Exploratory Borings																											
B-1	5.5	6/8/94	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10.5	6/8/94	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	15.5	6/8/94	2	NA	NA	0.081	0.19	0.02	0.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	20.5	6/8/94	1,600	NA	NA	5.3	72	23	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-2	20.5	6/8/94	2	NA	NA	0.06	0.026	0.031	0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	23.5	6/8/94	8	NA	NA	0.13	0.037	0.12	0.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-3	18	6/12/96	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2
 HISTORICAL SOIL SAMPLE ANALYTICAL RESULTS
 CHEVRON SERVICE STATION 9-5542
 7007 SAN RAMON ROAD, DUBLIN, CALIFORNIA

Boring/ Sample ID	Depth (ft)	Date Sampled	TPHg mg/kg	TPHd mg/kg	TOG mg/kg	Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Xylenes mg/kg	MTBE mg/kg	Semi-VOCs mg/kg	VOCs mg/kg	Pb mg/kg	Cd mg/kg	Cr mg/kg	Zn mg/kg	Sb mg/kg	As mg/kg	Be mg/kg	Cu mg/kg	Hg mg/kg	Ni mg/kg	Se mg/kg	Ag mg/kg	TI mg/kg		
B-4	12	6/12/96	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Monitoring and Remedial Wells																											
MW-1	25	3/27/90	1,300	NA	NA	38	150	34	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	30	3/27/90	270	NA	NA	1	4	4	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-2	15	3/26/90	<10	NA	NA	<0.005	<0.005	<0.005	<0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-3	15	3/26/90	<10	NA	NA	<0.005	<0.005	<0.005	<0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	20	3/26/90	<10	NA	NA	<0.005	0.01	0.01	0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	25	3/26/90	51	NA	NA	<0.005	0.02	0.05	0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-4	15	3/28/90	<10	<10	NA	NA	NA	NA	NA	NA	NA	NA	37	<3	26	39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	20	3/28/90	<10	<10	NA	NA	NA	NA	NA	NA	NA	NA	41	<3	25	44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	25	3/28/90	<10	<10	39	2.7	23	5.6	46	NA	NA	ND ¹	26	<3	13	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-5	28.5	6/11/91	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-6	26	6/11/91	5	NA	NA	0.006	0.006	0.06	0.12	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-7	26	6/11/91	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-8	20	12/6/91	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-9	24.5	6/8/94	57	NA	NA	0.07	0.11	0.58	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	33.5	6/9/94	<1.0	NA	NA	0.038	<0.005	<0.005	0.008	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VW-1	5	11/24/92	<1.0	NA	NA	<0.005	0.006	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	14	11/24/92	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	14.5	11/24/92	2	NA	NA	<0.005	0.058	0.029	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	19.5	11/24/92	250	NA	NA	0.081	5.6	3.4	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	24	11/24/92	990	NA	NA	2.4	60	15	99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	27	11/24/92	230	NA	NA	2	15	5.4	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	31	11/24/92	130	NA	NA	<0.05	0.73	1	3.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VW-2	5	11/25/92	<1.0	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	10	11/25/92	<1.0	NA	NA	0.006	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	15	11/25/92	<1.0	NA	NA	<0.005	<0.005	<0.005	0.009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	20	11/25/92	220	NA	NA	0.65	8.1	26	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	25	11/25/92	650	NA	NA	2.7	23	9	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
30	11/25/92	1	NA	NA	0.07	0.01	0.012	0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

Abbreviations and Methods:

TPHg and TPHd = Total petroleum hydrocarbons as gasoline and diesel, respectively, by EPA Method 8015.

TOG = Total oil and grease

MTBE = Methyl tertiary butyl ether.

VOCs = Volatile organic compounds

Semi-VOCs = Semi volatile organic compounds

mg/kg = milligrams per kilogram.

NA = Not analyzed

< = Not detected at or above stated laboratory reporting limit

ND = Not detected; reporting limits vary

1 VOCs not detected except BTEX

Note: Crossed-out samples were collected from soil that was later over-excavated

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5542
 7007 San Ramon Road
 Dublin, California

WELL ID/ DATE	TOC* (μL)	GWE (msl)	DTW (ft)	TPH-GRO ($\mu\text{g/L}$)	B ($\mu\text{g/L}$)	T ($\mu\text{g/L}$)	R ($\mu\text{g/L}$)	X ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	TOG ($\mu\text{g/L}$)	1,2-DCA ($\mu\text{g/L}$)	EDB ($\mu\text{g/L}$)	HVOCs ($\mu\text{g/L}$)
MW-1													
4/3-4/90	363.98	--	--	46,000	8,400	7,400	860	5,600	--	--	--	1.04	--
4/3-4/90 (D)	363.98	--	--	43,000	8,400	7,200	840	5,200	--	--	--	1.1	--
05/31/91	363.98	338.31	25.67	31,000	7,400	2,500	630	2,100	--	--	2.0	--	ND ³
05/31/91	363.98	--	--	--	--	--	--	--	--	<5000	--	--	--
06/21/91	363.98	337.75	26.23	--	--	--	--	--	--	--	--	--	--
07/17/91	363.98	337.45	26.53	--	--	--	--	--	--	--	--	--	--
09/20/91	363.98	--	--	31,000	3,000	2,800	610	3,100	--	--	0.6	--	ND ³
10/04/91	363.98	336.08	27.90	--	--	--	--	--	--	--	--	--	--
12/19/91	363.98	335.86	28.12	20,000	5,200	1,700	560	2,000	--	--	3.3	--	ND ³
03/19/92	363.98	339.35	24.63	30,000	8,500	3,600	590	2,400	--	--	2.7	--	ND ³
06/19/92	364.32	338.09	26.23	25,000	1,100	2,000	520	1,800	--	--	--	--	--
09/22/92	364.32	336.59	27.73	21,000	8,000	3,500	670	2,900	--	--	--	--	--
12/18/92	364.32	337.56	26.76	79,000	12,000	12,000	1,600	8,500	--	--	--	--	--
03/10/93 ¹	364.32	--	--	45,000	16,000	14,000	1,100	5,500	--	--	--	--	--
03/22/93 ²	364.32	--	--	--	--	--	--	--	--	--	--	--	--
06/14/93 ²	364.32	--	--	--	--	--	--	--	--	--	--	--	--
07/25/93 ²	364.32	--	--	--	--	--	--	--	--	--	--	--	--
09/23/93 ²	364.32	--	--	--	--	--	--	--	--	--	--	--	--
03/21/94	364.32	338.16	26.16	5,900	1,600	560	140	330	--	--	--	--	--
07/06/94	364.32	337.12	27.20	--	--	--	--	--	--	--	--	--	--
08/26/94	364.32	--	--	20,000	5,300	4,900	610	2,900	--	--	--	--	--
09/22/94	364.32	336.88	27.44	42,000	10,000	8,300	1,000	4,900	--	--	--	--	--
12/08/94	364.32	337.62	26.70	38,000	9,000	7,700	830	3,800	--	--	--	--	--
03/06/95	364.32	340.64	23.68	47,000	9,400	7,100	750	3,400	--	--	--	--	--
06/08/95	364.32	341.64	22.68	170,000	29,000	29,000	2,600	13,000	--	--	--	--	--
09/13/95	364.32	339.22	25.10	39,000	11,000	10,000	1,100	4,900	--	--	--	--	--
12/16/95	364.32	338.24	26.08	40,000	7,000	6,300	570	2,500	<2.5	--	--	--	--
03/28/96	364.32	342.12	22.20	16,000	3,700	3,200	330	1,500	<120	--	--	--	--
06/27/96	364.32	340.12	24.20	40,000	6,900	8,700	830	4,000	<120	--	--	--	--
09/30/96	364.32	338.70	25.62	190,000	24,000	31,000	2,900	14,000	380	--	--	--	--
12/30/96	364.32	340.11	24.21	130,000	25,000	32,000	2,900	15,000	<500	--	--	--	--
03/11/97	364.32	340.60	23.72	76,000	11,000	13,000	1,000	6,500	<500	--	--	--	--
06/10/97	364.32	339.00	25.32	63,000	9,900	15,000	1,400	7,000	<500	--	--	--	--
10/01/97	364.32	338.31	26.01	48,000	8,400	12,000	1,200	5,700	<500	--	--	--	--
12/17/97	364.32	--	--	--	--	--	--	--	--	--	--	--	--
03/29/98	364.32	DISCONTINUED	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOCs (µg/L)
MW-1 (cont)													
09/12/98 ⁵	364.32	340.10	24.22	61,000	10,000	13,000	1,700	7,600	<125/143 ⁶	--	--	--	--
09/29/99 ⁴	364.32	339.04	25.28	423	65	48.8	12.4	43.7	8.0	--	<2.0	<2.0	--
03/17/00	364.32	341.34	22.98	61,200	10,200	15,300	1890	8540	<2000	--	--	--	--
08/28/00	364.32	338.30	26.02	2,000 ¹⁵	590	470	110	390	25	--	--	--	--
02/25/01	364.32	338.84	25.48	440 ¹⁵	120	33	8.5	260	<13	--	--	--	--
09/17/01	364.32	337.65	26.67	16,000	1,500	1,900	340	1,400	<20	--	--	--	--
03/25/02	364.32	340.81	23.51	96,000	11,000	21,000	2,500	12,000	<100	--	--	--	--
09/16/02 ⁵	364.32	337.91	26.41	3,700	1,200	52	140	92	6.9/<2 ⁶	--	<2	<2	--
03/18/03	364.32	339.86	24.46	740	120	43	25	70	<2.5/<0.5 ⁶	--	--	--	--
09/18/03 ¹⁶	364.32	338.36	25.96	66,000	6,600	12,000	1,500	6,900	<2	--	--	--	--
03/24/04 ¹⁶	364.32	340.44	23.88	130	8	2	2	4	<0.5	--	--	--	--
09/16/04 ¹⁶	364.32	337.68	26.64	14,000	1,600	2,200	500	2,000	<1	--	--	--	--
03/23/05 ¹⁶	364.32	342.04	22.28	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/02/05 ¹⁶	364.32	338.60	25.72	3,100	630	60	110	160	<0.5	--	--	--	--
03/24/06 ¹⁶	364.32	340.49	23.83	680	130	0.7	15	16	<0.5	--	--	--	--
08/24/06 ¹⁶	364.32	338.36	25.96	1,000	180	8	20	41	<0.5	--	--	--	--
03/01/07 ¹⁶	364.32	340.47	23.85	28,000	1,800	3,800	710	3,100	<5	--	--	--	--
09/06/07 ¹⁶	364.32	338.07	26.25	11,000	1,900	46	410	960	<1	--	--	--	--
03/10/08 ¹⁶	364.32	341.36	22.96	19,000	940	3,800	590	3,000	<5	--	--	--	--
09/02/08 ¹⁶	364.32	338.07	26.25	23,000	1,200	4,300	840	4,100	<3	--	--	--	--
03/18/09 ¹⁶	364.32	340.92	23.40	35,000	1,200	6,400	1,400	5,800	<3	--	--	--	--
09/01/09 ¹⁶	364.32	337.64	26.68	8,700	410	1,100	390	1,400	<0.5	--	--	--	--
03/03/10 ¹⁶	364.32	342.33	21.99	50,000	1,100	7,500	1,700	7,800	<5	--	--	--	--
09/08/10 ¹⁶	364.32	339.51	24.81	21,000	480	2,500	810	3,100	<10	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5542
 7007 San Ramon Valley Boulevard
 Dublin, California

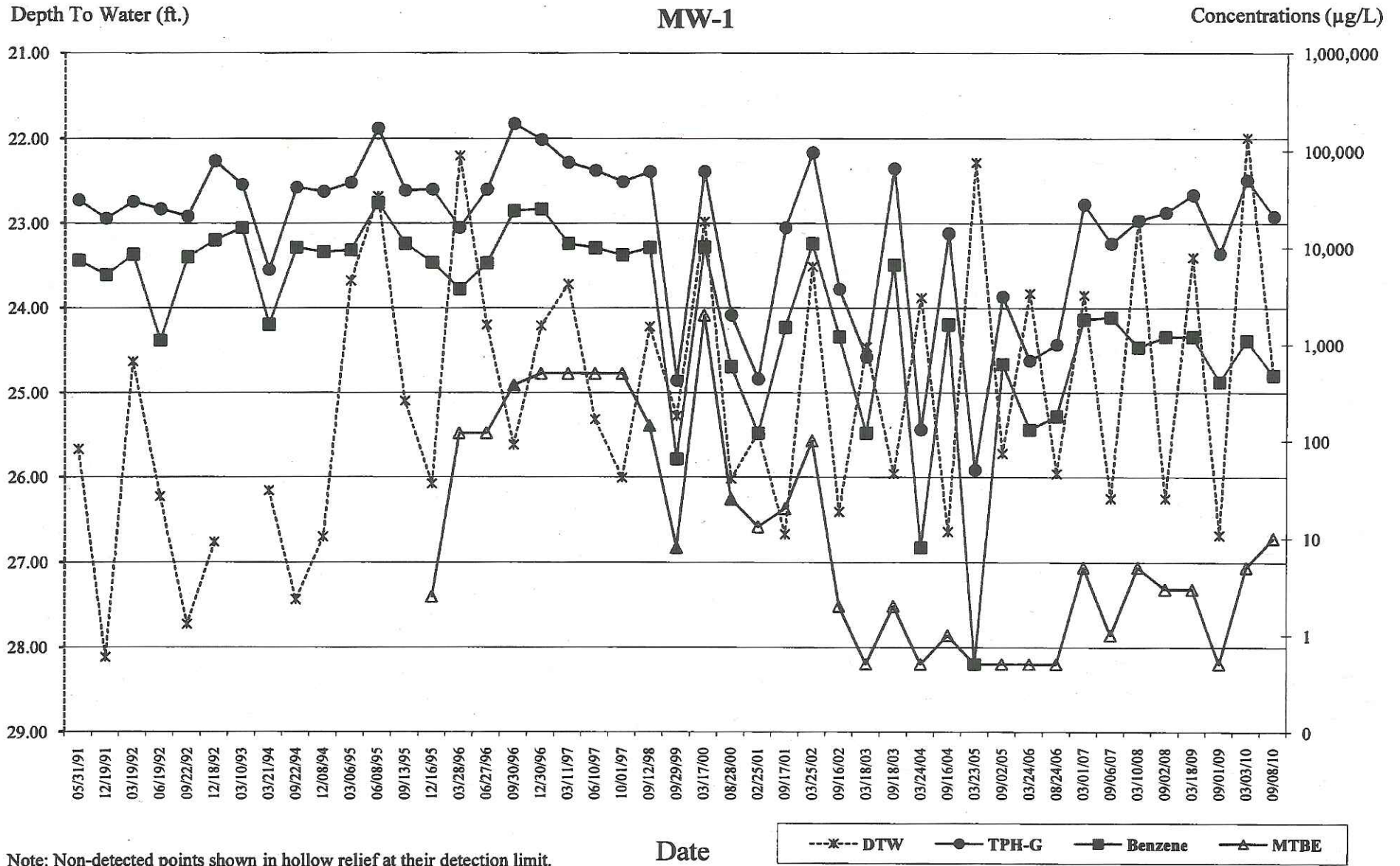


Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOCs (µg/L)
MW-2													
4/3-4/90	364.19	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--	<0.02	--
05/31/91	364.19	338.68	25.51	100	3.1	4.2	0.7	2.0	--	--	<0.5	--	ND ³
05/31/91	364.19	--	--	--	--	--	--	--	--	<5000	--	--	--
06/21/91	364.19	338.06	26.13	--	--	--	--	--	--	--	--	--	--
07/17/91	364.19	337.73	26.46	--	--	--	--	--	--	--	--	--	--
09/20/91	364.19	--	--	68	1.3	1.6	0.8	3.0	--	--	--	--	--
10/04/91	364.19	336.40	27.79	--	--	--	--	--	--	--	--	--	--
12/19/91	364.19	336.13	28.06	<50	0.6	1.2	0.8	2.5	--	--	--	--	--
03/19/92	364.19	339.73	24.46	<50	2.5	2.0	1.1	2.4	--	--	--	--	--
06/19/92	364.64	338.54	26.10	<50	<0.5	0.6	0.7	1.2	--	--	--	--	--
09/22/92	364.64	337.04	27.60	200	16	42	6.1	32	--	--	--	--	--
12/18/92	364.64	338.32	26.32	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/22/93	364.64	343.29	21.39	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/14/93	364.64	339.49	25.15	--	--	--	--	--	--	--	--	--	--
07/25/93	364.64	340.12	24.52	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	364.64	339.01	25.63	72	12	4.0	6.0	8.0	--	--	--	--	--
12/22/93	364.64	338.30	26.34	1,600	25	<0.5	3.8	4.8	--	--	--	--	--
03/21/94	364.64	338.81	25.83	<50	0.7	3.3	<0.5	1.9	--	--	--	--	--
06/29/94	364.64	--	--	52	0.8	0.9	0.8	1.9	--	--	--	--	--
07/06/94	364.64	337.94	26.70	--	--	--	--	--	--	--	--	--	--
09/22/94	364.64	337.82	26.82	<50	0.7	<0.5	<0.5	0.6	--	--	--	--	--
12/08/94	364.64	338.36	26.28	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/06/95	364.64	341.37	23.27	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/08/95	364.64	342.26	22.38	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/13/95	364.64	339.95	24.95	<50	<0.5	0.8	<0.5	0.8	--	--	--	--	--
12/16/95	364.64	338.86	25.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/28/96	364.64	343.30	21.34	<50	0.8	5.6	1.0	6.2	<5.0	--	--	--	--
06/27/96	364.64	340.65	23.99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/30/96	364.64	339.50	25.14	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/30/96	364.64	341.03	23.61	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
03/11/97	364.64	341.47	23.17	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/10/97	364.64	339.92	24.72	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
10/01/97	364.64	338.79	25.85	<50	1.0	1.2	<0.5	1.7	<5.0	--	--	--	--
12/17/97	364.64	339.66	24.98	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/29/98	364.64	344.30	20.34	110	20	12	4.3	14	5.4	--	--	--	--
09/12/98	364.64	341.05	23.59	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID/ DATE	TOC* (<i>fl.</i>)	GWE (<i>msl.</i>)	DTW (<i>fl.</i>)	TPH-GRO (<i>µg/L.</i>)	B (<i>µg/L.</i>)	T (<i>µg/L.</i>)	E (<i>µg/L.</i>)	X (<i>µg/L.</i>)	MTBE (<i>µg/L.</i>)	TOG (<i>µg/L.</i>)	1,2-DCA (<i>µg/L.</i>)	EDB (<i>µg/L.</i>)	HVOCs (<i>µg/L.</i>)
MW-2 (cont)													
03/26/99	364.64	341.30	23.34	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
09/29/99	364.64	339.63	25.01	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
NOT MONITORED/SAMPLED													
09/01/09	364.64	338.52	26.12	--	--	--	--	--	--	--	--	--	--
03/03/10	364.64	343.80	20.84	--	--	--	--	--	--	--	--	--	--
09/08/10	364.64	340.46	24.18	--	--	--	--	--	--	--	--	--	--
MW-3													
4/3-4/90	361.92	--	--	2,200	36	5.0	6.0	17	--	--	--	<0.02	--
05/31/91	361.92	338.72	23.20	2,200	130	11	31	78	--	--	19	--	ND ³
05/31/91	361.92	--	--	--	--	--	--	--	--	<5000	--	--	--
06/21/91	361.92	337.79	24.13	--	--	--	--	--	--	--	--	--	--
07/17/91	361.92	337.73	24.59	--	--	--	--	--	--	--	--	--	--
09/20/91	361.92	335.94	25.98	2,200	190	6.0	24	32	--	--	--	--	--
12/19/91	361.92	335.68	26.24	640	73	27	17	56	--	--	--	--	--
03/19/92	361.92	339.46	22.46	4,500	1,000	15	91	240	--	--	--	--	--
06/19/92	362.26	337.94	24.32	1,100	89	3.3	9.1	13	--	--	--	--	--
09/22/92	362.26	336.42	25.84	1,400	81	51	15	49	--	--	--	--	--
12/18/92	362.26	337.86	24.40	1,100	2.0	1.1	53	38	--	--	--	--	--
03/22/93	362.26	342.54	19.72	1,600	96	9.0	14	91	--	--	--	--	--
06/14/93	362.26	338.74	23.52	--	--	--	--	--	--	--	--	--	--
07/25/93	362.26	339.05	23.21	1,200	19	6.0	2.0	5.0	--	--	--	--	--
09/23/93	362.26	338.24	24.02	1,500	35	<0.5	5.0	13	--	--	--	--	--
12/22/93	362.26	337.59	24.67	1,500	26	<0.5	3.9	4.9	--	--	--	--	--
03/21/94	362.26	338.21	24.05	1,400	22	14	1.1	5.3	--	--	--	--	--
06/29/94	362.26	--	--	1,700	90	6.1	20	81	--	--	--	--	--
07/06/94	362.26	337.18	25.08	--	--	--	--	--	--	--	--	--	--
09/22/94	362.26	337.48	24.78	2,600	72	7.6	110	370	--	--	--	--	--
12/08/94	362.26	337.91	24.35	2,700	32	<0.5	100	140	--	--	--	--	--
03/06/95	362.26	340.79	21.47	1,000	4.0	9.9	8.8	7.7	--	--	--	--	--
06/08/95	362.26	341.27	20.99	1,500	13	3.2	12	17	--	--	--	--	--
09/13/95	362.26	338.75	23.51	2,100	12	79	76	420	--	--	--	--	--
12/16/95	362.26	338.26	24.00	650	<0.5	<0.5	4.4	6.5	12	--	--	--	--
03/28/96	362.26	342.36	19.90	1,500	4.3	6.5	60	100	15	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID/ DATE	TOC* (<i>l</i>)	GWE (<i>m</i> sl)	DTW (<i>l</i>)	TPH-GRO (<i>µ</i> g/L)	B (<i>µ</i> g/L)	T (<i>µ</i> g/L)	E (<i>µ</i> g/L)	X (<i>µ</i> g/L)	MTBE (<i>µ</i> g/L)	TOG (<i>µ</i> g/L)	1,2-DCA (<i>µ</i> g/L)	EDB (<i>µ</i> g/L)	HVOCs (<i>µ</i> g/L)
MW-3 (cont)													
06/27/96	362.26	340.28	21.98	1,200	<0.5	<0.5	1.9	2.0	13	--	--	--	--
09/30/96	362.26	338.44	23.82	620	<0.5	<0.5	<0.5	0.8	10	--	--	--	--
12/30/96	362.26	339.96	22.30	1,200	0.6	<0.5	0.6	0.7	12	--	--	--	--
03/11/97	362.26	340.75	21.51	1,400	<0.5	3.1	<0.5	0.7	32	--	--	--	--
06/10/97	362.26	338.66	23.60	1,400	1.8	4.8	0.8	1.1	18	--	--	--	--
10/01/97	362.26	337.53	24.73	1,100	0.6	2.2	1.0	1.3	7.8	--	--	--	--
12/17/97	362.26	338.99	23.27	450 ⁷	7.9	1.2	<1.0	1.5	11	--	--	--	--
03/29/98	362.26	342.01	20.25	890	0.84	1.4	1.3	0.68	100	--	--	--	--
09/12/98	362.26	340.38	21.88	740 ⁷	<0.5	<0.5	<0.5	<0.5	5.4	--	--	--	--
03/26/99	362.26	339.83	22.43	661	<0.5	34.9	0.848	1.36	5.68	--	--	--	--
09/29/99	362.26	338.63	23.63	348	0.975	0.58	<0.5	0.618	<5.0	--	--	--	--
NOT MONITORED/SAMPLED													
09/01/09	362.26	337.74	24.52	--	--	--	--	--	--	--	--	--	--
03/03/10	362.26	342.50	19.76	--	--	--	--	--	--	--	--	--	--
09/08/10	362.26	339.48	22.78	--	--	--	--	--	--	--	--	--	--
MW-4													
4/3-4/90	362.70	--	--	43,000	4,000	5,000	790	5,500	--	18,000	--	<0.02	--
4/3-4/90	362.70	--	--	--	6,000	8,200	1,500	--	--	--	--	--	--
05/31/91	362.70	338.03	24.67	34,000	2,900	2,900	680	3,300	--	--	<0.5	--	ND ³
05/31/91	362.70	--	--	<5000	--	--	--	--	--	--	--	--	--
06/21/91	362.70	337.39	25.31	--	--	--	--	--	--	--	--	--	--
07/17/91	362.70	336.97	25.73	--	--	--	--	--	--	--	--	--	--
09/20/91	362.70	--	--	37,000	4,000	3,200	580	3,000	--	--	9.2	--	ND ³
10/04/91	362.70	335.62	27.08	--	--	--	--	--	--	--	--	--	--
12/19/91	362.70	335.46	27.24	41,000	5,500	4,900	1,000	4,400	--	--	17	--	ND ³
03/19/92	362.70	339.04	23.66	21,000	3,800	2,900	500	3,200	--	--	15	--	ND ⁸
06/19/92	363.07	337.74	25.33	27,000	1,800	1,600	570	1,900	--	<5000	--	--	--
09/22/92	363.07	336.17	26.90	20,000	4,100	2,700	670	3,200	--	<5000	--	--	--
12/18/92	363.07	337.45	25.62	15,000	2,200	2,000	370	1,600	--	<5000	--	--	--
03/22/93	363.07	342.27	20.80	41,000	3,900	5,100	840	4,500	--	5000	--	--	--
06/14/93	363.07	337.34	25.73	--	--	--	--	--	--	--	--	--	--
07/25/93	363.07	339.05	24.02	94,000	18,000	30,000	2,400	14,000	--	<5000	--	--	--
09/23/93	363.07	338.07	25.00	23,000	4,700	2,000	900	4,600	--	<5000	--	--	--
12/22/93	363.07	337.35	25.72	18,000	2,800	1,300	420	1,700	--	<5000	--	--	--

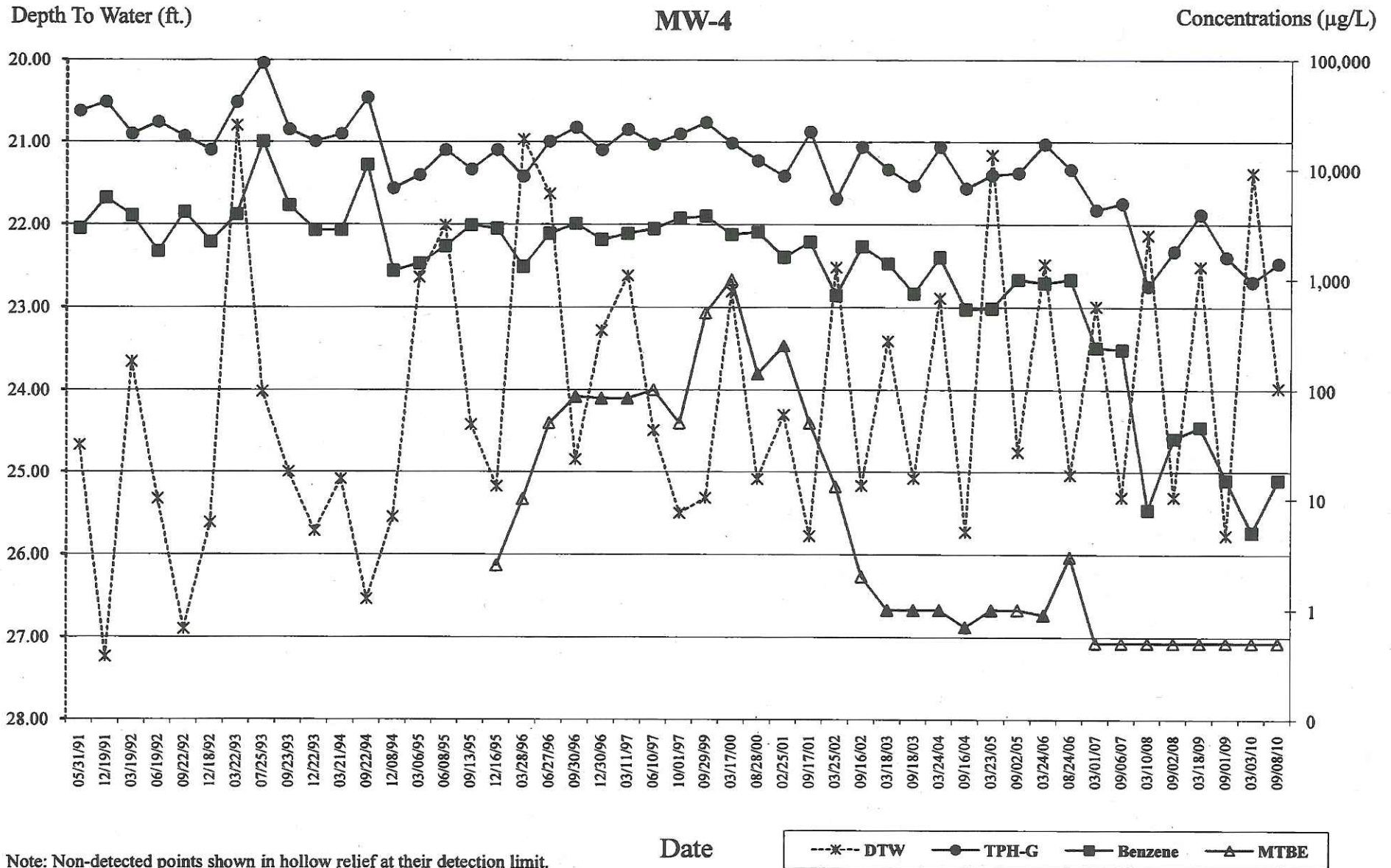
Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID/ DATE	TOC* (<i>fl</i>)	GWE (<i>msl</i>)	DTW (<i>ft</i>)	TPH-GRO (<i>µg/L</i>)	B (<i>µg/L</i>)	T (<i>µg/L</i>)	E (<i>µg/L</i>)	X (<i>µg/L</i>)	MTBE (<i>µg/L</i>)	TOG (<i>µg/L</i>)	1,2-DCA (<i>µg/L</i>)	EDB (<i>µg/L</i>)	HVOCs (<i>µg/L</i>)
MW-4 (cont)													
03/21/94	363.07	337.98	25.09	21,000	2,800	1,700	540	1,900	--	<5000	--	--	--
06/29/94	363.07	--	--	25,000	4,000	2,600	960	3,300	--	<5000	--	--	--
07/06/94	363.07	336.96	26.11	--	--	--	--	--	--	--	--	--	--
09/22/94	363.07	336.53	26.54	45,000	11,000	8,800	1,000	5,100	--	<5000	--	--	--
12/08/94 ⁹	363.07	337.52	25.55	6700	1,200	720	34	1,100	--	<5000	--	--	--
03/06/95	363.07	340.43	22.64	8900	1,400	540	350	940	--	--	--	--	--
06/08/95	363.07	341.06	22.01	15,000	2,000	1,500	400	1,500	--	--	--	--	--
09/13/95	363.07	338.65	24.42	10,000 ¹⁰	3,100	670	500	1,400	--	--	--	--	--
12/16/95	363.07	337.89	25.18	15,000	2,900	960	420	1,200	<2.5	--	--	--	--
03/28/96	363.07	342.10	20.97	8600	1,300	920	330	1,100	<10	--	--	--	--
06/27/96	363.07	341.44	21.63	18,000	2,600	1,500	740	2,400	<50	--	--	--	--
09/30/96	363.07	338.22	24.85	24,000	3,200	1,200	710	2,200	87	--	--	--	--
12/30/96	363.07	339.79	23.28	15,000	2,300	1,000	600	1,900	84	--	--	--	--
03/11/97	363.07	340.45	22.62	23,000	2,600	920	780	2,200	84	--	--	--	--
06/10/97	363.07	338.58	24.49	17,000	2,900	790	750	1,700	<100	--	--	--	--
10/01/97	363.07	337.57	25.50	21,000	3,600	1,400	1,300	2,700	<50	--	--	--	--
12/17/97	363.07	--	--	--	--	--	--	--	--	--	--	--	--
03/29/98	363.07	DISCONTINUED		--	--	--	--	--	--	--	--	--	--
09/29/99 ¹¹	363.07	337.75	25.32	26,700	3,770	844	1,290	2,970	<500	--	<40	<40	--
03/17/00	363.07	340.26	22.81	17,400	2,560	942	688	1,980	<1000	--	--	--	--
08/28/00	363.07	337.98	25.09	12,000 ¹⁵	2,700	220	530	750	140	--	--	--	--
02/25/01	363.07	338.77	24.30	8,700 ¹⁵	1,600	400	600	1,500	250	--	--	--	--
09/17/01	363.07	337.29	25.78	22,000	2,200	620	860	2,400	<50	--	--	--	--
03/25/02	363.07	340.55	22.52	5,400	720	53	230	390	<13	--	--	--	--
09/16/02 ⁵	363.07	337.90	25.17	16,000	2,000	180	630	1,800	39/<2 ⁶	--	<2	<2	--
03/18/03	363.07	339.66	23.41	10,000	1,400	110	490	1,100	<13/1 ⁶	--	--	--	--
09/18/03 ¹⁶	363.07	337.99	25.08	7,100	750	61	240	560	1	--	--	--	--
03/24/04 ¹⁶	363.07	340.18	22.89	16,000	1,600	170	720	2,000	1	--	--	--	--
09/16/04 ¹⁶	363.07	337.34	25.73	6,700	540	160	250	1,000	0.7	--	--	--	--
03/23/05 ¹⁶	363.07	341.91	21.16	8,900	550	75	470	1,500	1	--	--	--	--
09/02/05 ¹⁶	363.07	338.31	24.76	9,300	1,000	41	440	840	<1	--	--	--	--
03/24/06 ¹⁶	363.07	340.59	22.48	17,000	930	120	800	2,700	0.9	--	--	--	--
08/24/06 ¹⁶	363.07	338.03	25.04	10,000	1,000	29	350	590	<3	--	--	--	--
03/01/07 ¹⁶	362.88	339.89	22.99	4,300	240	25	130	460	<0.5	--	--	--	--
09/06/07 ¹⁶	362.88	337.57	25.31	4,900	230	11	170	420	<0.5	--	--	--	--
03/10/08 ¹⁶	362.88	340.75	22.13	870	8	0.7	8	32	<0.5	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5542
 7007 San Ramon Road
 Dublin, California

WELL ID/ DATE	TOC* (μ L)	GWE (msl)	DTW (μ L)	TPH-GRO (μ L)	B (μ L)	T (μ L)	E (μ L)	X (μ L)	MTBE (μ L)	TOG (μ L)	1,2-DCA (μ L)	EDB (μ L)	HVOCs (μ L)
MW-4 (cont)													
09/02/08 ¹⁶	362.88	337.57	25.31	1,800	36	2	72	160	<0.5	--	--	--	--
03/18/09 ¹⁶	362.88	340.37	22.51	3,900	46	4	190	450	<0.5	--	--	--	--
09/01/09 ¹⁶	362.88	337.11	25.77	1,600	15	0.9	84	88	<0.5	--	--	--	--
03/03/10 ¹⁶	362.88	341.50	21.38	950	5	<0.5	15	9	<0.5	--	--	--	--
09/08/10 ¹⁶	362.88	338.90	23.98	1,400	15	0.7	62	16	<0.5	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5542
 7007 San Ramon Valley Boulevard
 Dublin, California



Note: Non-detected points shown in hollow relief at their detection limit.

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID/ DATE	TOC* (fL)	GWE (msl)	DTW (fL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOCs (µg/L)
MW-11													
12/29/06 ¹⁷	357.39	335.25	22.14	190	<0.5	0.6	6	0.6	<0.5	--	--	--	--
03/01/07 ¹⁶	357.39	334.89	22.50	<50	0.8	2	0.7	3	<0.5	--	--	--	--
09/06/07 ¹⁶	357.39	333.99	23.40	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/10/08 ¹⁶	357.39	335.83	21.56	<50	<0.5	<0.5	<0.5	0.8	<0.5	--	--	--	--
09/02/08 ¹⁶	357.39	333.73	23.66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/18/09 ¹⁶	357.39	336.46	20.93	<50	<0.5	0.5	<0.5	<0.5	<0.5	--	--	--	--
09/01/09 ¹⁶	357.39	333.84	23.55	<50	<0.5	0.5	<0.5	0.7	<0.5	--	--	--	--
03/03/10 ¹⁶	357.39	336.94	20.45	<50	<0.5	0.9	0.6	3	<0.5	--	--	--	--
09/08/10 ¹⁶	357.39	335.14	22.25	<50	<0.5	1	0.6	2	<0.5	--	--	--	--
MW-9													
07/06/94 ¹³	361.23	336.08	25.15	--	--	--	--	--	--	--	--	--	--
08/26/94	361.23	--	--	12,000	1,700	240	410	1,400	--	--	--	--	--
09/22/94	361.23	335.49	25.74	10,000	1,900	290	320	1,200	--	--	--	--	--
12/08/94	361.23	336.39	24.84	18,000	2,400	780	450	4,600	--	--	--	--	--
03/06/95	361.23	339.40	21.83	6,100	1,400	260	420	1,500	--	--	--	--	--
06/08/95	361.23	339.94	21.29	14,000	2,100	220	540	1,700	--	--	--	--	--
09/13/95	361.23	337.85	23.65	11,000	1,900	120	490	1,400	--	--	--	--	--
12/16/95	361.23	336.91	24.32	16,000	1,900	<0.5	680	1,200	<2.5	--	--	--	--
03/28/96	361.23	340.78	20.45	960	120	5.9	33	70	18	--	--	--	--
06/27/96	361.23	338.39	22.84	10,000	1,200	46	340	1,000	66	--	--	--	--
09/30/96	361.59	337.47	24.12	15,000	1,300	36	390	950	100	--	--	--	--
12/30/96	361.59	338.95	22.64	12,000	1,200	54	470	1,300	100	--	--	--	--
03/11/97	361.59	339.50	22.09	13,000	850	37	310	930	63	--	--	--	--
06/10/97	361.59	337.81	23.78	9,000	800	7.7	220	360	86	--	--	--	--
10/01/97	361.59	338.06	23.53	7,000	770	13	270	540	99	--	--	--	--
12/17/97	361.59	--	--	--	--	--	--	--	--	--	--	--	--
03/29/98	361.59	341.11	20.48	4,900	400	850	160	720	170	--	--	--	--
09/12/98	361.59	338.86	22.73	7,400	900	6.6	150	440	68	--	--	--	--
03/26/99	361.59	339.34	22.25	3,490	441	10.7	121	135	33.6	--	--	--	--
09/29/99	361.59	337.67	23.92	3,820	455	<20	66.5	46.6	<200	--	<2.0	<2.0	--
03/17/00	361.59	340.20	21.39	4,680	510	<10	146	528	<100	--	--	--	--
08/28/00	361.59	UNABLE TO LOCATE	--	--	--	--	--	--	--	--	--	--	--
02/25/01	361.59	UNABLE TO LOCATE	--	--	--	--	--	--	--	--	--	--	--
09/17/01	361.59	336.69	24.90	7,700	540	2.7	89	81	<20	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOCs (µg/L)
MW-9 (cont)													
03/25/02	361.59	339.78	21.81	8,000	730	4.4	120	380	<13	--	--	--	--
09/16/02	361.59	336.97	24.62	4,400	420	<5.0	25	29	19	--	--	--	--
03/18/03	361.59	339.08	22.51	3,600	510	<2.0	16	10	<10/1 ⁶	--	--	--	--
09/18/03 ¹⁶	361.59	337.34	24.25	5,300	530	0.8	32	29	1	--	--	--	--
03/24/04 ¹⁶	361.59	339.35	22.24	4,500	290	0.6	17	31	0.9	--	--	--	--
09/16/04 ¹⁶	361.59	336.66	24.93	4,000	400	5	11	10	<1	--	--	--	--
03/23/05 ¹⁶	361.59	341.11	20.48	5,100	190	0.6	21	29	1	--	--	--	--
09/02/05 ¹⁶	361.59	337.53	24.06	4,700	340	0.5	9	6	0.9	--	--	--	--
03/24/06	361.59	INACCESSIBLE - POSSIBLY DESTROYED				--	--	--	--	--	--	--	--
DESTROYED - 2006													
MW-10													
06/27/96	358.02	--	20.74	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/30/96	358.02	335.99	22.03	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/30/96	358.02	337.46	20.56	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
03/11/97	358.02	338.09	19.93	<50	<0.5	<0.5	<0.5	<0.5	7.0	--	--	--	--
06/10/97	358.02	336.37	21.65	<50	<0.5	<0.5	<0.5	<0.5	5.3	--	--	--	--
10/01/97	358.02	335.50	22.52	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	358.02	--	--	--	--	--	--	--	--	--	--	--	--
03/29/98	358.02	340.55	17.47	<50	<0.5	<0.5	<0.5	<0.5	4.3	--	--	--	--
09/12/98	358.02	337.39	20.63	<50	<0.5	<0.5	<0.5	<0.5	3.8	--	--	--	--
03/26/99	358.02	337.98	20.04	<50	<0.5	<0.5	<0.5	<0.5	4.15	--	--	--	--
09/29/99	358.02	336.30	21.72	5,020	547	<10	79.6	49.5	<100	--	--	--	--
03/17/00	358.02	338.67	19.35	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
08/28/00	358.02	335.88	22.14	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
02/25/01	358.02	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
09/17/01	358.02	335.41	22.61	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/25/02	358.02	338.64	19.38	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
09/16/02	358.02	335.68	22.34	<50	<0.50	<0.50	<0.50	<1.5	3.1	--	--	--	--
03/18/03	358.02	338.11	19.91	<50	<0.50	<0.50	<0.50	<1.5	<2.5/2 ⁶	--	--	--	--
09/18/03 ¹⁶	358.02	336.10	21.92	<50	<0.5	<0.5	<0.5	<0.5	2	--	--	--	--
03/24/04 ¹⁶	358.02	338.18	19.84	<50	<0.5	<0.5	<0.5	<0.5	0.5	--	--	--	--
09/16/04 ¹⁶	358.02	335.39	22.63	<50	<0.5	<0.5	<0.5	<0.5	0.9	--	--	--	--

Table 1
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Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOCs (µg/L)
MW-10 (cont)													
03/23/05 ¹⁶	358.02	339.73	18.29	<50	<0.5	<0.5	<0.5	<0.5	0.7	--	--	--	--
09/02/05 ¹⁶	358.02	336.30	21.72	<50	<0.5	<0.5	<0.5	<0.5	0.8	--	--	--	--
03/24/06	358.02	INACCESSIBLE - POSSIBLY DESTROYED				--	--	--	--	--	--	--	--
DESTROYED - 2006													
MW-5													
06/21/91	359.95	336.78	23.17	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/21/91	359.95	--	--	--	--	--	--	--	--	--	<0.5	--	ND ³
07/17/91	359.95	336.27	23.68	--	--	--	--	--	--	--	--	--	--
09/20/91	359.95	--	--	170 ⁷	0.8	0.9	<0.5	1.5	--	--	--	--	--
10/04/91	359.95	334.75	25.20	--	--	--	--	--	--	--	--	--	--
12/19/91	359.95	334.75	25.20	<50	0.7	0.7	<0.5	1.4	--	--	--	--	--
03/19/92	359.95	338.74	21.21	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/19/92	360.28	336.86	23.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/22/92	360.28	335.31	24.97	150	13	34	5.0	26	--	--	--	--	--
12/18/92	360.28	336.76	23.52	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/10/93	360.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/22/93	360.28	341.18	19.10	--	--	--	--	--	--	--	--	--	--
06/14/93	360.28	337.57	22.71	--	--	--	--	--	--	--	--	--	--
07/25/93	360.28	338.29	21.99	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	360.28	336.80	23.48	<50	3.0	1.0	1.0	2.0	--	--	--	--	--
12/22/93	360.28	336.30	23.98	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/21/94	360.28	337.10	23.18	<50	2.4	1.4	<0.5	2.0	--	--	--	--	--
06/29/94	360.28	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--	--	--	--
07/06/94	360.28	335.87	24.41	--	--	--	--	--	--	--	--	--	--
09/22/94	360.28	335.50	24.78	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/08/94	360.28	336.86	23.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/06/95	360.28	339.63	20.65	67	1.9	2.5	4.7	19	--	--	--	--	--
06/08/95	360.28	339.52	20.76	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/13/95	360.28	337.12	23.16	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/16/95	360.28	INACCESSIBLE -PAVED OVER				--	--	--	--	--	--	--	--
03/28/96	360.28	INACCESSIBLE -PAVED OVER				--	--	--	--	--	--	--	--
06/27/96	360.28	INACCESSIBLE -PAVED OVER				--	--	--	--	--	--	--	--
09/30/96	360.28	INACCESSIBLE -PAVED OVER				--	--	--	--	--	--	--	--
12/30/96	360.28	INACCESSIBLE -PAVED OVER				--	--	--	--	--	--	--	--
03/11/97	360.28	INACCESSIBLE -PAVED OVER				--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID/ DATE	TOC* (fL)	GWE (msl)	DTW (fL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOCs (µg/L)
MW-5 (cont)													
06/10/97	360.28	INACCESSIBLE -PAVED OVER			--	--	--	--	--	--	--	--	--
10/01/97	360.28	INACCESSIBLE -PAVED OVER			--	--	--	--	--	--	--	--	--
12/17/97	360.28	DISCONTINUED		--	--	--	--	--	--	--	--	--	--
03/26/99	360.28	INACCESSIBLE -PAVED OVER			--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													
MW-6													
06/21/91	360.22	336.67	23.55	3,700	50	2.6	150	340	--	--	--	--	--
06/21/91	360.22	--	--	--	--	--	--	--	--	--	<0.5	--	ND ³
07/17/91	360.22	336.22	24.00	--	--	--	--	--	--	--	--	--	--
09/20/91	360.22	--	--	3,200	28	<0.5	140	100	--	--	--	--	--
10/04/91	360.22	334.93	25.29	--	--	--	--	--	--	--	--	--	--
12/19/91	360.22	334.88	25.34	380	2.7	4.0	15	10	--	--	--	--	--
03/19/92	360.22	338.17	22.05	3,400	57	4.5	330	360	--	--	--	--	--
06/19/92	360.58	337.06	23.52	980	11	4.2	57	38	--	--	--	--	--
09/22/92	360.58	334.98	25.60	1,100	22	41	77	58	--	--	--	--	--
12/18/92	360.58	336.40	24.18	1,900	3.2	1.3	58	47	--	--	--	--	--
03/10/93	360.58	--	--	1,400	30	9.0	8.0	22	--	--	--	--	--
03/22/93	360.58	341.22	19.36	--	--	--	--	--	--	--	--	--	--
06/14/93	360.58	337.10	23.48	--	--	--	--	--	--	--	--	--	--
07/25/93	360.58	338.28	22.30	83 ¹²	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	360.58	337.38	23.20	200	6.0	2.0	3.0	3.0	--	--	--	--	--
12/22/93	360.58	336.67	23.91	130	<0.5	1.8	1.2	1.5	--	--	--	--	--
03/21/94	360.58	337.31	23.27	290	3.0	10	1.6	4.7	--	--	--	--	--
06/29/94	360.58	--	--	300	0.6	1.2	2.4	4.6	--	--	--	--	--
07/06/94	360.58	336.31	24.27	--	--	--	--	--	--	--	--	--	--
09/22/94	360.58	335.74	24.84	2,300	58	3.6	100	290	--	--	--	--	--
12/08/94	360.58	336.73	23.85	<50	<0.5	<0.5	<0.5	0.9	--	--	--	--	--
03/06/95	360.58	339.67	20.91	360	2.0	3.6	0.9	2.3	--	--	--	--	--
06/08/95	360.58	340.40	20.18	230	<0.5	<0.5	1.0	1.6	--	--	--	--	--
09/13/95	360.58	337.05	23.53	88	<0.5	<0.5	<0.5	1.1	--	--	--	--	--
12/16/95	360.58	337.20	23.38	<50	<0.5	<0.5	<0.5	<0.5	7.3	--	--	--	--
03/28/96	360.58	341.21	19.37	130	<0.5	<0.5	<0.5	<0.5	9.2	--	--	--	--
06/27/96	360.58	338.92	21.66	<50	<0.5	<0.5	<0.5	<0.5	5.7	--	--	--	--
09/30/96	360.58	337.52	23.06	50	<0.5	<0.5	<0.5	<0.5	6.3	--	--	--	--
12/30/96	360.58	339.12	21.46	90	<0.5	<0.5	<0.5	<0.5	5.5	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5542
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Dublin, California

WELL ID/ DATE	TOC* (μL)	GWE (msl)	DTW (L)	TPH-GRO ($\mu\text{g/L}$)	B ($\mu\text{g/L}$)	T ($\mu\text{g/L}$)	E ($\mu\text{g/L}$)	X ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)	TOG ($\mu\text{g/L}$)	1,2-DCA ($\mu\text{g/L}$)	EDB ($\mu\text{g/L}$)	HVOCs ($\mu\text{g/L}$)
MW-6 (cont)													
03/11/97	360.58	339.67	20.91	80	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/10/97	360.58	337.93	22.65	<50	1.6	2.3	<0.5	1.2	<5.0	--	--	--	--
10/01/97	360.58	336.95	23.63	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	360.58	337.81	22.77	92	0.98	<0.5	0.72	1.6	2.7	--	--	--	--
03/29/98	360.58	342.24	18.34	95 ⁷	<0.5	<0.5	<0.5	<0.5	3.0	--	--	--	--
09/12/98	360.58	338.90	21.68	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/26/99	360.58	339.42	21.16	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
09/29/99	360.58	337.73	22.85	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
DESTROYED - 2006													
MW-7													
06/21/91	360.63	337.18	23.45	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/21/91	360.63	--	--	--	--	--	--	--	--	--	<0.5	--	ND ³
07/17/91	360.63	336.73	23.90	--	--	--	--	--	--	--	--	--	--
09/20/91	360.63	--	--	69	4.4	3.3	1.2	3.9	--	--	--	--	--
10/04/91	360.63	335.60	25.03	--	--	--	--	--	--	--	--	--	--
12/19/91	360.63	335.53	25.10	<50	0.9	2.8	1.7	5.9	--	--	--	--	--
03/19/92	360.63	337.89	22.74	<50	1.1	0.6	0.9	2.5	--	--	--	--	--
06/19/92	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
09/22/92	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
12/18/92	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
03/22/93	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
06/14/93	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
07/25/93	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
12/23/93 ¹	361.68	338.01	23.67	<50	0.9	0.5	<0.5	<0.5	--	--	--	--	--
03/21/94	361.68	337.55	24.13	<50	0.5	1.1	<0.5	1.4	--	--	--	--	--
06/29/94	361.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
07/06/94	361.68	335.23	26.45	--	--	--	--	--	--	--	--	--	--
09/22/94	361.68	334.28	27.40	11,000	1,900	230	310	970	--	--	--	--	--
12/08/94	361.68	335.45	26.23	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/06/95	361.68	338.49	23.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/08/95	361.68	339.54	22.14	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/13/95	361.68	337.13	24.55	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/16/95	361.68	335.94	25.74	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/28/96	361.68	339.96	21.72	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/27/96	361.68	338.18	23.50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--

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Dublin, California

WELL ID/ DATE	TOC* (%)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOCs (µg/L)
MW-7 (cont)													
09/30/96	361.68	336.48	25.20	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/30/96	361.68	337.80	23.88	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
03/11/97	361.68	338.69	22.99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/10/97	361.68	336.98	24.70	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
10/01/97	361.68	335.98	25.70	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
DESTROYED - 2006													
MW-8													
12/12/91	354.89	--	22.54	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/19/92	354.89	334.42	20.47	<50	1.2	1.4	0.5	2.9	--	--	--	--	--
09/22/92	354.89	325.09	29.80	180	17	42	6.0	31	--	--	--	--	--
12/18/92	354.89	333.71	21.18	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/10/93	354.89	--	--	<50	0.8	2.0	<0.5	2.0	--	--	--	--	--
03/22/93	354.89	337.98	16.91	--	--	--	--	--	--	--	--	--	--
06/14/93	354.89	330.59	24.30	--	--	--	--	--	--	--	--	--	--
07/25/93	354.89	331.12	23.77	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	354.89	334.49	20.40	<50	1.0	0.9	0.7	1.0	--	--	--	--	--
12/22/93	354.89	333.97	20.92	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/21/94	354.89	334.70	20.19	<50	0.9	1.5	<0.5	2.0	--	--	--	--	--
06/29/94	354.89	--	--	<50	<0.5	<0.5	<0.5	0.8	--	--	--	--	--
07/06/94	354.89	333.84	21.05	--	--	--	--	--	--	--	--	--	--
09/22/94	354.89	333.05	21.84	9,600	1,600	180	260	840	--	--	--	--	--
10/14/94	354.89	333.05	21.84	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/08/94	354.89	334.18	20.71	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/06/95	354.89	336.78	18.11	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/08/95	354.89	337.10	17.79	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/13/95	354.89	335.09	19.80	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/16/95	354.89	334.43	20.46	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/28/96	354.89	339.47	15.42	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/27/96	354.89	335.81	19.08	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/30/96	360.58	340.28	20.30	<50	<0.5	<0.5	<0.5	0.6	<5.0	--	--	--	--
12/30/96	360.58	341.55	19.03	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
03/11/97	360.58	342.17	18.41	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/10/97	360.58	340.67	19.91	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
10/01/97	360.58	339.87	20.71	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
DESTROYED - 2006													

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5542
 7007 San Ramon Road
 Dublin, California

WELL ID/ DATE	TOC* (μ L)	GWE (msl)	DFW (μ L)	TPH-GRO (μ L)	B (μ L)	T (μ L)	E (μ L)	X (μ L)	MTBE (μ L)	TOG (μ L)	1,2-DCA (μ L)	EDB (μ L)	HVOCs (μ L)
BAILER BLANK													
05/31/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/21/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/20/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/19/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/19/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/19/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/22/92	--	--	--	<50	<0.5	<0.5	<0.5	0.8	--	--	--	--	--
12/21/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/10/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
TRIP BLANK													
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	0.6	--	--	--	--	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
05/31/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/21/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/20/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/19/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/19/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/19/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/22/92	--	--	--	92 ¹⁴	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/18/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/10/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/29/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
07/01/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
07/06/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/22/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/08/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/06/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--

Table 1
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Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID/ DATE	TOC* (<i>fl</i>)	GWE (<i>msl</i>)	DTW (<i>fl</i>)	TPH-GRO (<i>µg/L</i>)	B (<i>µg/L</i>)	T (<i>µg/L</i>)	E (<i>µg/L</i>)	X (<i>µg/L</i>)	MTBE (<i>µg/L</i>)	TOG (<i>µg/L</i>)	1,2-DCA (<i>µg/L</i>)	EDB (<i>µg/L</i>)	HVOCs (<i>µg/L</i>)
TRIP BLANK (cont)													
06/08/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/13/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/16/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/27/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/30/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/30/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
03/11/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/10/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
10/01/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/29/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
09/12/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/26/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
09/29/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
08/28/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
02/25/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/17/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/25/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
09/16/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/18/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
09/18/03 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/24/04 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/16/04 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/23/05 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/02/05 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/24/06 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
08/24/06 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
QA													
12/29/06 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/01/07 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/06/07 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/10/08 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5542
 7007 San Ramon Road
 Dublin, California

WELL ID/ DATE	TOC* (fl)	GWE (msl)	DTW (fl)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOCs (µg/L)
QA (cont)													
09/02/08 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/18/09 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/01/09 ¹⁶	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
DISCONTINUED													

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

EXPLANATIONS:

Groundwater monitoring and laboratory analytical results prior to August 28, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing	B = Benzene	EDB = Ethylene dibromide
(ft.) = Feet	T = Toluene	HVOCs = Halogenated Volatile Organic Compounds
GWE = Groundwater Elevation	E = Ethylbenzene	-- = Not Measured/Not Analyzed
(msl) = Mean sea level	X = Xylenes	(D) = Duplicate
DTW = Depth to Water	MTBE = Methyl tertiary butyl ether	(µg/L) = Micrograms per liter
TPH = Total Petroleum Hydrocarbons	TOG = Total Oil and Grease	(ppb) = Parts per billion
GRO = Gasoline Range Organics	1,2-DCA = 1,2-Dichloroethane	QA = Quality Assurance/Trip Blank

- * TOC elevations for MW-1, MW-4, and MW-11 were surveyed on January 3, 2007, by Virgil Chaves Land Surveying. The benchmark for this survey was a bronze disk established by the USGS, located under a manhole cover in the left turn lane in front of Mervyn's on Dublin Blvd. Benchmark Elevation = 347.622 feet (NGVD 29).
- 1 TOC elevation surveyed by Ron Miller, PE #15816, on January 13, 1994.
- 2 Monitoring well part of remediation system.
- 3 All other HVOCs were not detected at detection limits ranging from 0.5 to 1 ppb.
- 4 Sample analyzed for Volatile Organic Compounds (VOCs) by EPA method 8260. MTBE was detected at 10.1 ppb, and all other VOCs were ND ranging from <2.0 to <1000 ppb.
- 5 Oxygenate compounds were not detected.
- 6 MTBE by EPA Method 8260.
- 7 Chromatogram pattern indicated an unidentified hydrocarbon.
- 8 Chloroform and Bromodichloromethane were detected at 1.3 and 0.9 ppb, respectively. Other HVOCs were not detected at detection limits ranging from 0.5 to 1 ppb.
- 9 TPH-GRO and BTEX results are estimated concentrations. Due to laboratory error, sample was analyzed past the recommended holding time. (GTEL).
- 10 Laboratory report indicates uncategorized compound is not included in gasoline concentration.
- 11 Sampled analyzed for VOCs by EPA method 8260, all other results were ND ranging from <40 to <20,000 ppb.
- 12 Uncategorized compound not included in gasoline total.
- 13 Monitoring well surveyed by Ron Miller, PE #15816, on July 5, 1994.
- 14 Gasoline range concentration reported. The chromatogram shows only a single peak in the gasoline range.
- 15 Laboratory report indicates gasoline C6-C12.
- 16 BTEX and MTBE by EPA Method 8260.
- 17 Well development attempted; well dewatered.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Chevron Service Station #9-5542
 7007 San Ramon Road
 Dublin, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-1	03/18/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	09/18/03	<200	--	<2	--	--	--
	03/24/04	<50	--	<0.5	--	--	--
	09/16/04	<130	--	<1	--	--	--
	03/23/05	<50	--	<0.5	--	--	--
	09/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	08/24/06	<50	--	<0.5	--	--	--
	03/01/07	<500	--	<5	--	--	--
	09/06/07	<130	--	<1	--	--	--
	03/10/08	<500	--	<5	--	--	--
	09/02/08	<250	--	<3	--	--	--
	03/18/09	<250	--	<3	--	--	--
	09/01/09	--	--	<0.5	--	--	--
	03/03/10	--	--	<5	--	--	--
09/08/10	--	--	<10	--	--	--	
MW-4	09/18/03	<50	--	1	--	--	--
	03/24/04	<100	--	1	--	--	--
	09/16/04	<50	--	0.7	--	--	--
	03/23/05	<50	--	1	--	--	--
	09/02/05	<100	--	<1	--	--	--
	03/24/06	<50	--	0.9	--	--	--
	08/24/06	<250	--	<3	--	--	--
	03/01/07	<50	--	<0.5	--	--	--
	09/06/07	<50	--	<0.5	--	--	--
	03/10/08	<50	--	<0.5	--	--	--
	09/02/08	<50	--	<0.5	--	--	--
	03/18/09	<50	--	<0.5	--	--	--
	09/01/09	--	--	<0.5	--	--	--
03/03/10	--	--	<0.5	--	--	--	
09/08/10	--	--	<0.5	--	--	--	

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-11	12/29/06	<50	--	<0.5	--	--	--
	03/01/07	<50	--	<0.5	--	--	--
	09/06/07	<50	--	<0.5	--	--	--
	03/10/08	<50	--	<0.5	--	--	--
	09/02/08	<50	--	<0.5	--	--	--
	03/18/09	<50	--	<0.5	--	--	--
	09/01/09	--	--	<0.5	--	--	--
	03/03/10	--	--	<0.5	--	--	--
	09/08/10	--	--	<0.5	--	--	--
MW-2	03/18/03	<100	<10	1	<1	<1	<1
MW-9	03/18/03	<50	<5	1	<0.5	<0.5	<0.5
	09/18/03	<50	--	1	--	--	--
	03/24/04	<50	--	0.9	--	--	--
	09/16/04	<100	--	<1	--	--	--
	03/23/05	<50	--	1	--	--	--
	09/02/05	<50	--	0.9	--	--	--
	03/24/06	INACCESSIBLE/POSSIBLY DESTROYED			--	--	--
DESTROYED - 2006							
MW-10	03/18/03	<50	<5	2	<0.5	<0.5	<0.5
	09/18/03	<50	--	2	--	--	--
	03/24/04	<50	--	0.5	--	--	--
	09/16/04	<50	--	0.9	--	--	--
	03/23/05	<50	--	0.7	--	--	--
	09/02/05	<50	--	0.8	--	--	--
	03/24/06	INACCESSIBLE/POSSIBLY DESTROYED			--	--	--
DESTROYED - 2006							

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-5542
7007 San Ramon Road
Dublin, California

EXPLANATIONS:

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = di-Isopropyl ether
ETBE = Ethyl t-butyl ether

TAME = t-Amyl methyl ether
($\mu\text{g/L}$) = Micrograms per liter
(D) = Duplicate
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

TABLE 2
HISTORICAL GRAB-GROUNDWATER SAMPLE ANALYTICAL RESULTS
CHEVRON SERVICE STATION 95542
7007 SAN RAMON ROAD
DUBLIN, CALIFORNIA

Boring	Sample Depth (fbg)	Date	TPHg μg/L	Benzene μg/L	Toluene μg/L	Ethylbenzene μg/L	Xylenes μg/L	MTBE μg/L	DIPE μg/L	ETBE μg/L	TAME μg/L	TBA μg/L	1,2-DCA μg/L	EDB μg/L
SB-1	—	7/12/95	65,000	470	200	210	2,100	NA	NA	NA	NA	NA	NA	NA
SB-2	—	7/12/95	2,900	<5.0	<5.0	72	52	NA	NA	NA	NA	NA	NA	NA
SB-3	—	7/12/95	<50	<0.5	3.1	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
B-3	—	6/12/96	63,000	5,600	2,900	1,800	7,900	NA	NA	NA	NA	NA	NA	NA
B-4	—	6/12/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
CPT-1	46	1/20/06	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
	55	1/20/06	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
	65	1/20/06	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
CPT-2	52	1/20/06	1,000	1	<0.5	22	120	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
	63	1/20/06	170	<0.5	<0.5	1	2	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
CPT-3	42	1/17/06	<50	<3	<3	<3	<3	<3	<3	<3	<3	<25	3	<3
	55	1/17/06	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5
	65	1/17/06	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5

Abbreviations/Notes

TPHg = total petroleum hydrocarbons as gasoline
 MTBE = methyl tertiary butyl ether
 DIPE = di-isopropyl ether
 ETBE = ethyl tertiary butyl ether
 TAME = tertiary amyl methyl ether
 TBA = tertiary butyl alcohol
 1,2-DCA = 1,2-dichloroethane
 EDB = 1,2-dibromoethane
 <x = not detected at or above stated laboratory reporting limit
 fbg = feet below grade
 ug/L = micrograms per liter
 NA = Not analyzed

TABLE 1

SOIL VAPOR SAMPLE ANALYTICAL RESULTS
CHEVRON STATION 9-5542
7007 SAN RAMON ROAD, DUBLIN, CALIFORNIA

Sample ID	Date Sampled	TPHg	Benzene	Toluene	Ethylbenzene	<i>m,p</i> -Xylenes	<i>o</i> -Xylenes	MTBE	2,2,4-Trimethylpentane	Oxygen	Helium	Carbon Dioxide	Methane
VP-1	10/15/09	1,900	<4.1	24	12	49	13	<4.6	<6.0	8.8	<0.13	8.7	<0.00026
	3/15/11	280	<3.8	<4.5	<5.1	<5.1	<5.1	<4.3	<5.5	9.7	<0.12	7.9	<0.00024
VP-2	10/15/09	22,000	<4.2	13	<5.7	17	5.6 ^a	<4.7	11	17	<0.13	0.83	<0.00026
	3/15/11	250	<3.7	<4.4	<5.0	<5.0	<5.0	<4.2	<5.4	15	<0.12	3.2	<0.00023
VP-3	10/15/09	3,800	16	8.7	<4.9	17	5.2	<4.1	30	14	<0.11	8.3	<0.00023
	3/15/11	<230	<3.6	<4.3	<4.9	<5.0	<5.0	<4.1	<5.3	7.6	<0.11	9.4	<0.00023
Dupe*	10/15/09	23,000	<29	<34	<40	<40	<40	<33	<42	17	<0.14	0.86	<0.00027
DUPE*	3/15/11	540	<3.7	<4.4	<5.0	<5.0	<5.0	<4.2	<5.4	15	<0.12	3.2	<0.00023
Commercial/Industrial ESL		29,000	280	180,000	3,300	58,000 ^b		31,000	NE				

Notes/Abbreviations:

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method TO-3

Benzene, toluene, ethylbenzene, and xylenes by EPA Method TO-15

MTBE = Methyl tertiary butyl ether by EPA Method TO-15

Oxygen, helium, carbon dioxide, and methane by ASTM Method D-1946

* = Field duplicate sample of VP-2

ESL = Environmental Screening Level for shallow soil gas associated with vapor intrusion concerns at commercial/industrial sites-RWQCB May 2008 (Table E)

< = Not detected at or above stated laboratory reporting limit

a = Estimated value

b = ESL is for total xylenes

NE = Not established

TABLE 1

**SOIL SAMPLE ANALYTICAL RESULTS
CHEVRON STATION 9-5542
7007 SAN RAMON ROAD, DUBLIN, CALIFORNIA**

<i>Boring ID</i>	<i>Depth (ftg)</i>	<i>Date Sampled</i>	<i>TPHg</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethylbenzene</i>	<i>Xylenes</i>	<i>MTBE</i>
<i>Concentrations reported in milligrams per kilogram (mg/kg)</i>								
VP-1	5.0	10/15/09	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005
VP-2	4.5	10/15/09	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005
VP-3	5	10/15/09	<1.0	<0.0009	<0.0009	<0.0009	<0.0009	<0.0005

Abbreviations and Methods:

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8015

Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8260

MTBE = Methyl tertiary butyl ether by EPA Method 8260

< = Not detected at or above stated laboratory reporting limit

Waste Oil UST Soil Samples SVOC 8270 Scan (including PAHS and Naphthalene)

Project Number: SFB-175-0204.72
 Consultant Project Number: 900213K1
 Contract Number: N46CWC0244-9-X
 Facility Number: None Given
 Work Order Number: D002437
 Report Issue Date: February 26, 1990

Table 1
 ANALYTICAL RESULTS
 Semi-Volatile Organics in Soil
 EPA Method 8270

GTEL Sample Number		01	02		
Client Identification		1322-7	1322-8		
Date Sampled		02/13/90	02/13/90		
Date Extracted		02/20/90	02/20/90		
Date Analyzed		02/21/90	02/21/90		
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Phenol	660	<660	<660		
bis(2-Chloroethyl) Ether	660	<660	<660		
2-Chlorophenol	660	<660	<660		
1,3-Dichlorobenzene	660	<660	<660		
1,4-Dichlorobenzene	660	<660	<660		
Benzyl Alcohol	1300	<1300	<1300		
1,2-Dichlorobenzene	660	<660	<660		
2-Methylphenol	660	<660	<660		
bis(2-Chloroisopropyl) Ether	660	<660	<660		
4-Methylphenol	660	<660	<660		
N-Nitroso-di-n-propylamine	660	<660	<660		
Hexachloroethane	660	<660	<660		
Nitrobenzene	660	<660	<660		
Isophorone	660	<660	<660		
2-Nitrophenol	660	<660	<660		
2,4-Dimethylphenol	660	<660	<660		
Benzoic Acid	3300	<3300	<3300		
bis(2-Chlorethoxy)methane	660	<660	<660		
2,4-Dichlorophenol	660	<660	<660		
1,2,4-Trichlorobenzene	660	<660	<660		
Naphthalene	660	<660	<660		
4-Chloroaniline	660	<660	<660		
Hexachlorobutadiene	660	<660	<660		
4-Chloro-3-methylphenol	1300	<1300	<1300		
2-Methylnaphthalene	660	<660	<660		

Project Number: SFB-175-0204.72
 Consultant Project Number: 900213K1
 Contract Number: N46CWC0244-9-X
 Facility Number: None Given
 Work Order Number: D002437
 Report Issue Date: February 26, 1990

Table 1 (Continued)

ANALYTICAL RESULTS

Semi-Volatile Organics in Soil
 EPA Method 8270

GTEL Sample Number	01	02		
Client Identification	1322-7	1322-8		
Date Sampled	02/13/90	02/13/90		
Date Extracted	02/20/90	02/20/90		
Date Analyzed	02/21/90	02/21/90		
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg		
Hexachlorocyclopentadiene	660	<660	<660	
2,4,6-Trichlorophenol	660	<660	<660	
2,4,5-Trichlorophenol	660	<660	<660	
2-Chloronaphthalene	660	<660	<660	
2-Nitroanaliline	3300	<3300	<3300	
Dimethylphthalate	660	<660	<660	
Acenaphthylene	660	<660	<660	
3-Nitroanaline	3300	<3300	<3300	
Acenaphthene	660	<660	<660	
2,4-Dinitrophenol	3300	<3300	<3300	
4-Nitrophenol	3300	<3300	<3300	
Dibenzofuran	660	<660	<660	
2,4-Dinitrotoluene	660	<660	<660	
2,6-Dinitrotoluene	660	<660	<660	
Diethylphthalate	660	<660	<660	
4-Chlorophenyl-phenyl Ether	660	<660	<660	
Fluorene	660	<660	<660	
4-Nitroanaline	3300	<3300	<3300	
4,6-Dinitro-2-methylphenol	3300	<3300	<3300	
N-Nitrosodiphenylamine ¹	660	<660	<660	
4-Bromophenyl Ether	660	<660	<660	
Hexachlorobenzene	660	<660	<660	
Pentachlorophenol	3300	<3300	<3300	
Phenanthrene	660	<660	<660	
Anthracene	660	<660	<660	

1 = Cannot be separated from diphenylamine.

Project Number: SF8-175-0204.72
 Consultant Project Number: 900213K1
 Contract Number: N46CWC0244-9-X
 Facility Number: None Given
 Work Order Number: D002437
 Report Issue Date: February 26, 1990

Table 1 (Continued)
 ANALYTICAL RESULTS
 Semi-Volatile Organics in Soil
 EPA Method 8270

GTEL Sample Number		01	02		
Client Identification		1322-7	1322-8		
Date Sampled		02/13/90	02/13/90		
Date Extracted		02/20/90	02/20/90		
Date Analyzed		02/21/90	02/21/90		
Analyte	Detection Limit, ug/Kg	Concentration, ug/Kg			
Di-n-butylphthalate	660	<660	<660		
Fluoranthene	660	<660	<660		
Pyrene	660	<660	<660		
Butylbenzylphthalate	660	<660	<660		
3,3'-Dichlorobenzidine	660	<660	<660		
Benzo[a]anthracene	660	<660	<660		
bis(2-Ethylhexyl)phthalate	660	<660	<660		
Chrysene	660	<660	<660		
Di-n-octylphthalate	660	<660	<660		
Benzo[b]fluoranthene	660	<660	<660		
Benzo[k]fluoranthene	660	<660	<660		
Benzo[a]pyrene	660	<660	<660		
Indeno[1,2,3-cd]pyrene	660	<660	<660		
Dibenz[a,h]anthracene	660	<660	<660		
Benzo[g,h,i]perylene	660	<660	<660		
Benzidine	3300	<3300	<3300		