

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

January 27, 2015

Ms. Alexis Coulter
Chevron Environmental Management Co.
6101 Bollinger Canyon Road
San Ramon, CA 94583
(sent via electronic mail to ACoulter@chevron.com)

Ui Hwang
909 Trent Street
Concord, CA 94518

Choung & Myung Inc.
2200 Telegraph Avenue
Oakland, CA 94612

Mr. Mohammad Mashhoon
Mash Petroleum, Inc.
428 13th Street, 10th Floor
Oakland, CA 94612

Subject: Case Closure for Fuel Leak Case No. RO0002435 and Geotracker Global ID T0600161613,
Chevron # 9-3600, 2200 Telegraph Avenue, Oakland, CA 94612

Dear Responsible Parties:

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

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

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

Sincerely,

A handwritten signature in blue ink that reads "Dilan Roe". The signature is fluid and cursive.

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

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

Cc w/enc.: Leroy Griffin, Oakland Fire Department 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612; (sent via electronic mail to lgriffin@oaklandnet.com)

Kiersten Hoey, Conestoga-Rovers & Assoc., 5900 Hollis Street, Suite A, Emeryville, CA 94608; (sent via E-mail to KHoey@craworld.com)

Nathan Lee, Conestoga-Rovers & Assoc., 5900 Hollis Street, Suite A, Emeryville, CA 94608; (sent via E-mail to nlee@craworld.com)

Responsible Parties

RO0002435

January 27, 2015, Page 2

Dilan Roe, ACEH (sent via electronic mail to dilan.roe@acgov.org)

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

Geotracker, Electronic File

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

January 27, 2015

Ms. Alexis Coulter
Chevron Environmental Management Co.
6101 Bollinger Canyon Road
San Ramon, CA 94583

Ui Hwang
909 Trent Street
Concord, CA 94518

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Subject: Case Closure for Fuel Leak Case No. RO0002435 and Geotracker Global ID T0600161613,
Chevron # 9-3600, 2200 Telegraph Avenue, Oakland, CA 94612

Dear Responsible Parties:

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

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

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

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

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

Sincerely,


Ariu Levi
Director

UST Case Closure Summary Form

Agency Information

Date: January 8, 2015

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

Case Information

Facility Name: Chevron # 9-3600		
Facility Address: 2200 Telegraph Avenue, Oakland, CA 94612		
RB LUSTIS Case No: NA	Local Case No.: ---	LOP Case No.: RO0002435
URF Filing Date:	GeoTracker Global ID: T0600161613	
APN: 8-658-1	Current Land Use: Active fueling station	
Responsible Party(s):	Address:	Phone:
Chevron Environmental Management Co. c/o Ms. Alexis Coulter	6101 Bollinger Canyon Road, San Ramon, CA 94583	(925) 790-6441
Mash Petroleum, Inc. c/o Mohammad Mashhoon	428 13 th Street, 10 th Floor Oakland, CA 94612	----
Ui Hwang	909 Trent Street Concord, CA 94518	----
Choung & Myung Inc.	2200 Telegraph Avenue Oakland, CA 94612	----

Tank Information

Tank No.	Size (gal)	Contents	Closed in-Place/ Removed/Active	Date
----	Unknown	Gasoline	Removed	October 1986

Conceptual Site Model (Attachment 1, 1 page)

Closure Criteria Met (Attachment 2, 1 page)

LTCP Groundwater Specific Criteria (Attachment 3, 1 page)

LTCP Vapor Specific Criteria (Attachment 4, 1 page)

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

Site Maps (Attachment 6, 15 pages)

Analytical Data (Attachment 7, 15 pages)

UST Case Closure Summary Form

Additional Information:

Site Management Requirements: This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Under the current land use as an active fueling station, the site is not required to meet media-specific criteria for vapor intrusion to indoor air. Therefore, case closure is granted for the current commercial land use as an active fueling station.

If a change in land use to any residential, commercial other than as a commercial fueling station, or conservative land use, or if any redevelopment occurs, Alameda County Environmental health (ACEH) must be notified as required by Government Code Section 65850.2.2. Due to the potential for vapor intrusion to indoor air for future buildings, ACEH will re-evaluate the case upon receipt of approved development/construction plans.

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

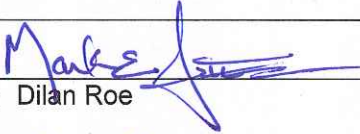
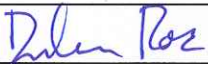
This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.

RWQCB Notification

Notification Date: August 6, 2014

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

Prepared by: Mark Detterman	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 1/27/2015
Approved by: Dilan Roe	Title: LOP and SCP Program Manager
Signature: 	Date: 1/27/2015

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

[GEOTRACKER HOME](#) | [MANAGE PROJECTS](#) | [REPORTS](#) | [SEARCH](#) | [LOGOUT](#)

CHEVRON #9-3600 (T0600161613) - [MAP THIS SITE](#)

OPEN - ELIGIBLE FOR CLOSURE

2200 TELEGRAPH AVENUE
OAKLAND, CA 94612
ALAMEDA COUNTY

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

CLEANUP OVERSIGHT AGENCIES

ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0002435
CASEWORKER: [MARK DETTERMAN](#) - SUPERVISOR: [DILAN ROE](#)
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: NA
CASEWORKER: [Cherie McCaulou](#) - SUPERVISOR: [Cheryl L. Provell](#)
CR Site ID #: NOT SPECIFIED

[VIEW PRINTABLE CASE SUMMARY FOR THIS SITE](#)

THIS PROJECT WAS LAST MODIFIED BY [MARK DETTERMAN](#) ON 1/8/2015 10:56:09 AM - [HISTORY](#)

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

CSM REPORT - [VIEW PUBLIC NOTICING VERSION OF THIS REPORT](#)

UST CLEANUP FUND CLAIM INFORMATION (DATA PULLED FROM SCUFIS)

CLAIM NO	PRIORITY	CLAIMANT	SITE ADDRESS	AMT REIMB TO DATE	AGE OF LOC	IMPACTED WELLS?	REVIEW NUM	REVIEWER	FUND RECOMMENDATION	TO OVERSIGHT DATE	TO CLAIMANT DATE
----------	----------	----------	--------------	-------------------	------------	-----------------	------------	----------	---------------------	-------------------	------------------

FIVE YEAR REVIEW INFORMATION

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

SITE NAME / ADDRESS	STATUS	STATUS DATE	RELEASE REPORT DATE	AGE OF CASE	CLEANUP OVERSIGHT AGENCIES
CHEVRON #9-3600 (Global ID: T0600161613) 2200 TELEGRAPH AVENUE OAKLAND, CA 94612	Open - Eligible for Closure	8/5/2014	3/13/2001	14	ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0002435 CASEWORKER: MARK DETTERMAN - SUPERVISOR: DILAN ROE SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: NA CASEWORKER: Cherie McCaulou - SUPERVISOR: Cheryl L. Provell

STAFF NOTES (INTERNAL)

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

The site appears to not meet the LTCP principally due to the undefined groundwater plume. A local area sensitive receptor survey appears appropriate.

The soil bore used to define the plume appears to define a deeper non-impacted groundwater zone. Agreed upon strategy to define shallow groundwater plume was for RP to provide estimates of plume length based on modeling or literature, and to conduct a sensitive receptor survey, including a neighborhood sensitive receptor survey to verify no impacts to basements or other potential receptors. These items were to be submitted in an October 2013 addendum and although an addendum was submitted, these items were not addressed. A revised submittal is pending.

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://ehgls.acgov.org/dehpublic/dehpublic.jsp>.

In 1986 tank basin soil and a groundwater sample were collected during the replacement of USTs in a pre-existing tank basin; hydrocarbon concentrations were encountered. Sixteen soil vapor wells are reported to have been installed in 1986 and 1987 over the BART tube, located directly below the site; however, no data has been submitted. In 1992 a groundwater sample was collected from a former vadose zone well (VW-2) and concentrations of concern were encountered; however, the location of VW-2-1 is unknown. In July 1994 product lines were removed and upgraded and low hydrocarbon concentrations were encountered. In March 2000 eight hand-augered bores were installed at the site; most bore depths were limited to 10 feet by the presence of the BART tube. In March 2002 wells MW-1 to MW-3 were installed on either side of the BART tube and right-of-way. In April 2012 soil bores B-9 to B-12 were installed to define the downgradient extent of the dissolved-phase groundwater plume. Groundwater was collected; however, appeared to define a deeper non-impacted groundwater zone. The groundwater plume was defined using the LTCP groundwater technical justification paper 90th percentile plume length, and conducting a downgradient sensitive receptor survey for water supply wells and potential basements that might encounter the impacted groundwater.

RESPONSIBLE PARTIES

NAME	ORGANIZATION	ADDRESS	CITY	EMAIL
AARON COSTA	CHEVRON CORPORATION	6111 BOLLINGER CANYON ROAD RM 3660	SAN RAMON	
MOHAMMAD MASHHOON	MASH PETROLEUM INC	428 13TH STREET 10TH FLOOR	OAKLAND	
NA	CHOUNG & MYUNG INC	2200 TELEGRAPH AVE	OAKLAND	
UIHWANG	NA	909 TRENT ST	CONCORD	

CLEANUP ACTION INFO

NO CLEANUP ACTIONS HAVE BEEN REPORTED

RISK INFORMATION

[VIEW LTCP CHECKLIST](#)

[VIEW PATH TO CLOSURE PLAN](#)

[VIEW CASE REVIEWS](#)

CONTAMINANTS OF CONCERN	CURRENT LAND USE	BENEFICIAL USE	DISCHARGE SOURCE	DATE REPORTED	STOP METHOD	NEARBY / IMPACTED WELLS
Gasoline	Commercial	GW - Municipal and Domestic Supply	Tank	3/13/2001	Close and Replace Tank	0

FREE PRODUCT	OTHER CONSTITUENTS	NAME OF WATER SYSTEM	LAST REGULATORY ACTIVITY	LAST ESI UPLOAD	LAST EDF UPLOAD	EXPECTED CLOSURE DATE	MOST RECENT CLOSURE REQUEST
NO	NO	EBMUD	12/30/2014	12/30/2014	8/25/2014		10/10/2013

GDPH WELLS WITHIN 1500 FEET OF THIS SITE

NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN	GW BASIN NAME	WATERSHED NAME
008 065800901	Santa Clara Valley - East Bay Plain (2-9.04)	South Bay - East Bay Cities (20420)

COUNTY	PUBLIC WATER SYSTEM(S)
Alameda	• EAST BAY MUD - 375 ELEVENTH STREET, OAKLAND, CA 94607

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - [HIDE](#)

[VIEW ESI SUBMITTALS](#)

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
B-10	4/12/2012	OTHER	ND	ND	0.7 UG/L	0.8 UG/L	1 UG/L	ND
B-11	4/12/2012	OTHER	ND	ND	ND	ND	ND	ND
B-12	4/13/2012	OTHER	ND	ND	ND	ND	ND	ND
B-9	4/12/2012	OTHER	ND	ND	13 UG/L	40 UG/L	ND	ND
MW-1	5/30/2014	OTHER	ND	ND	ND	ND	29 UG/L	ND
MW-2	5/30/2014	OTHER	ND	ND	ND	ND	ND	ND
MW-3	5/30/2014	OTHER	ND	ND	ND	ND	ND	ND
QA	1/20/2011	OTHER	ND	ND	ND	ND	ND	ND
QCTB	5/30/2014	OTHER	ND	ND	ND	ND	ND	ND

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - [HIDE](#)

[VIEW ESI SUBMITTALS](#)

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
B-10	4/12/2012		ND	ND	0.047 MG/KG	0.062 MG/KG	0.001 MG/KG	ND
B-11	4/12/2012		0.0006 MG/KG	ND	0.011 MG/KG	0.011 MG/KG	ND	ND
B-12	4/13/2012		ND	ND	ND	ND	ND	ND
B-9	4/12/2012		0.002 MG/KG	ND	0.39 MG/KG	0.051 MG/KG	0.0007 MG/KG	ND

MOST RECENT GEO_WELL DATA - [HIDE](#)

[VIEW ESI SUBMITTALS](#)

FIELD PT NAME	DATE	DEPTH TO WATER (FT)	SHEEN	DEPTH TO FREE PRODUCT (FT)
MW-1	5/30/2014	11.24	N	
MW-2	5/30/2014	10.35	N	
MW-3	5/30/2014	10.8	N	

ATTACHMENT 2

LTCP Checklist

[GEOTRACKER HOME](#) | [MANAGE PROJECTS](#) | [REPORTS](#) | [SEARCH](#) | [LOGOUT](#)

CHEVRON #9-3600 (T0600161613) - [MAP THIS SITE](#) OPEN - ELIGIBLE FOR CLOSURE

2200 TELEGRAPH AVENUE
OAKLAND, CA 94612
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[ACTIVITIES REPORT](#)
[PUBLIC WEBPAGE](#)

[VIEW PRINTABLE CASE SUMMARY FOR THIS SITE](#)

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0002435
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SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: NA
CASEWORKER: [Cherie McCaulou](#) - SUPERVISOR: [Cheryl L. Frowell](#)
CR Site ID #: NOT SPECIFIED

THIS PROJECT WAS LAST MODIFIED BY [MARK DETTERMAN](#) ON 1/27/2015 11:29:25 AM - [HISTORY](#)

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

CLOSURE POLICY [CLOSURE POLICY HISTORY](#)

THIS VERSION IS FINAL AS OF 1/27/2015 CHECKLIST INITIATED ON 8/12/2013

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

a. Is the unauthorized release located within the service area of a public water system?
 Name of Water System : 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](#) YES

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - [Info](#)) YES NO

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

1.5 - The regulatory agency determines, based on an analysis of site specific conditions, that the site under current and reasonably anticipated near-term 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. YES NO

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

EXEMPTION - Active Commercial Petroleum Fueling Facility YES NO

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

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

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

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

Additional Information

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

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

[SPELL CHECK](#)

LOGGED IN AS MARKDETT

[CONTACT GEOTRACKER HELP](#)

**ATTACHMENT 3
LTCP GROUNDWATER SPECIFIC CRITERIA**

LTCP Groundwater Specific Scenario under which case was closed: Scenario 5

Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3 Criteria	LTCP Scenario 4 Criteria	
Plume Length	----	<100 feet	<250 feet	<250 feet	<1,000 feet	
Free Product	No free product.	No free product	No free product	Removed to maximum extent practicable	No free product	
Plume Stable or Decreasing	Stable and Decreasing	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years	Stable or decreasing	
Distance to Nearest Water Supply Well	1,700 feet downgradient	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet	
Distance to Nearest Surface Water and Direction	1,975 feet downgradient	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet	
Property Owner Willing to Accept a Land Use Restriction?	Not applicable for groundwater specific criteria	Not applicable	Not applicable	Yes	Not applicable	
GROUNDWATER CONCENTRATIONS						
Constituent	Historic Site Maximum (µg/L)	Current Site Maximum (µg/L)	LTCP Scenario 1 Criteria (µg/L)	LTCP Scenario 2 Criteria (µg/L)	LTCP Scenario 3 Criteria (µg/L)	LTCP Scenario 4 Criteria (µg/L)
Benzene	9.2	<0.5	No criteria	<3,000	No criteria	<1,000
MTBE	420	<0.5	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?				Yes		

Comments: Water Supply Wells in Vicinity: The water well survey results from the GeoTracker Groundwater Ambient Monitoring Assessment (GAMA) tool indicates no public water supply wells, no Calif. Dept. of Public Health (CDPH), no Dept. Pesticide Regulation (DPR), and no Dept. of Water Resources (DWR) water wells within a 2,000 foot radius.

Based on the depth of collection of grab groundwater samples collected downgradient of the release, the downgradient extent of the groundwater plume may not have been defined in the field. The presence of a Bay Area Rapid Transit (BART) tube directly beneath the subject site provides an additional uncertainty at the site should the tube drain contaminated groundwater. Additionally, the Alameda County Public Works Agency (ACPWA) data for water wells indicates an irrigation well is located at a distance of approximately 1,700 feet downgradient of the source, and additional irrigation wells are located approximately 1,900 feet downgradient.

Based on an analysis of the groundwater plume, it appears to be mature and stable as indicated by relatively low concentrations of benzene and other volatile compounds in shallow groundwater. Should the BART tube drain deeper groundwater, existing deeper groundwater grab samples (see B-10 and B12) indicate very low to non-detectable concentrations adjacent to the tube. In regards to the downgradient extent, it appears appropriate to evaluate the site groundwater plume using the SWRCB's *Technical Justification for Groundwater Media-Specific Criteria*. This document states that the 90th percentile TPH plume length is 413 feet long, and the maximum known TPH plume length is 855 feet. The technical justification paper also indicates that the 90th percentile benzene plume length is 350 feet long, and the maximum is 554 feet in length. This data and analysis, based on the distances cited in the technical justification paper, indicates that the irrigation wells are unlikely to be receptors for the site.

**ATTACHMENT 4
LTCP VAPOR SPECIFIC CRITERIA**

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

Active Fueling Station Active as of January 27, 2015

Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered LNAPL	No LNAPL	LNAPL in groundwater	LNAPL in soil	No LNAPL	No LNAPL	No LNAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	10 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Soil in Bioattenuation Zone	< 100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg
Maximum Current Benzene Concentration in Groundwater	< 0.5 µg/L	No criteria	No criteria	<100 µg/L	≥100 and <1,000 µg/L	<1,000 µg/L	No criteria
Oxygen Data within Bioattenuation Zone	No oxygen data	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	---	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS

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

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

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

Comments: The site is an active service station and is not required to meet the vapor intrusion media-specific criterion. Although the site appears to meet Scenario 3B of this criterion, vapor concentrations have not been evaluated in the UST source area.

**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	<0.005	0.002	<0.005	0.002	0.002
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	<0.005	0.39	<0.005	0.39	0.39
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	----	----	----	----	----
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	----	----	----	----	----
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5

If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment?

If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?

Comments: A waste oil underground storage tank (UST) is not reported to have been present at the site. Naphthalene was not analyzed for in soil at the site. The highest detected concentration of petroleum hydrocarbon contamination at the site was present in soil sample #2 at a concentration of 44 milligrams per kilogram (mg/kg).

The *Leaking Underground Fuel Tank Guidance Manual* (State Water Resource Control Board, September 2012) states that the average and highest concentrations of naphthalene documented in fresh gasoline (TPHg) product are 0.25% and 0.36%. The highest concentration of naphthalene that would be expected from this concentration of TPHg would be 0.16 mg/kg. The LTCP states that up to 9.7 mg/kg naphthalene will have no significant risk of adversely affecting human health at a residential site.

ATTACHMENT 6

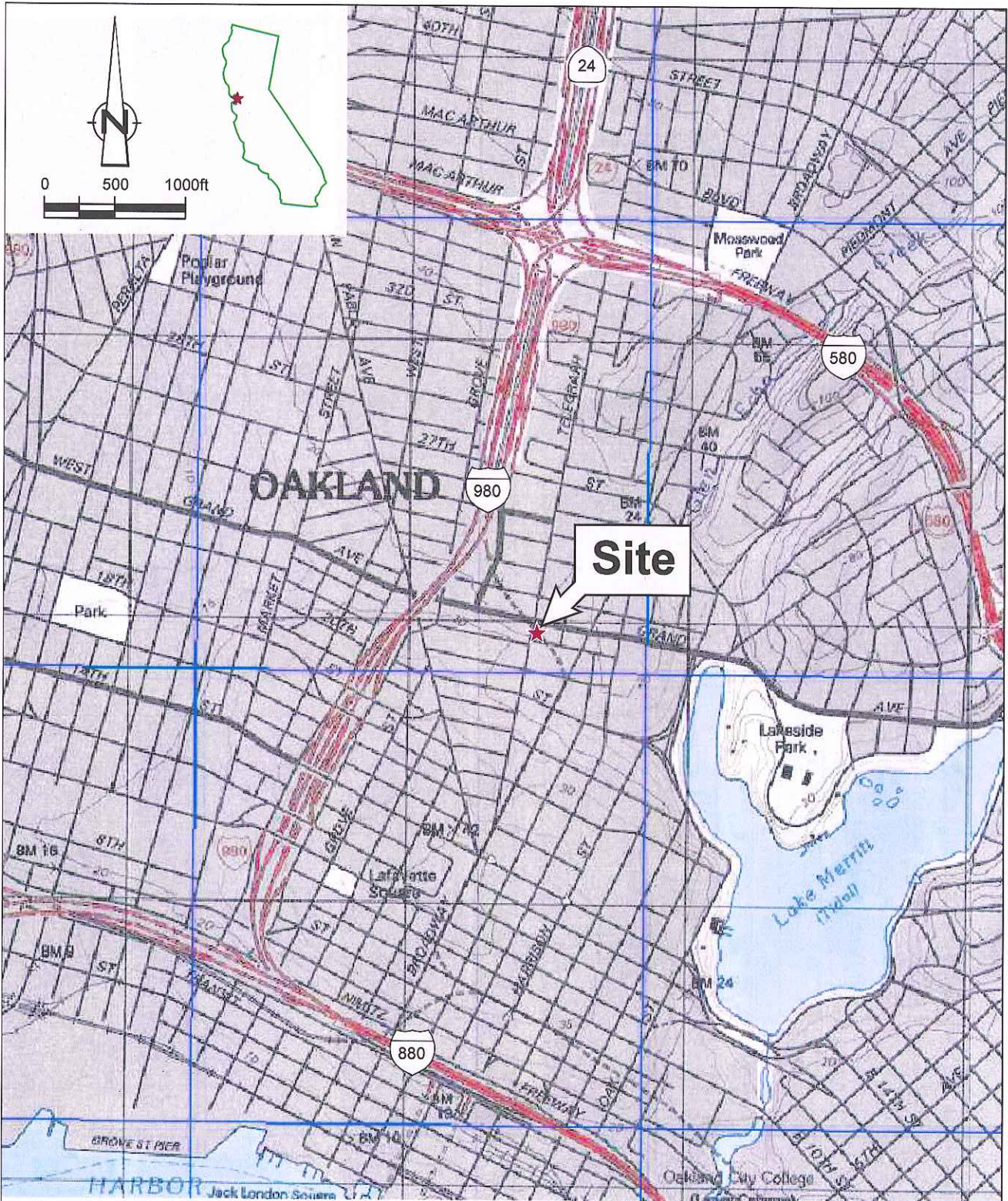
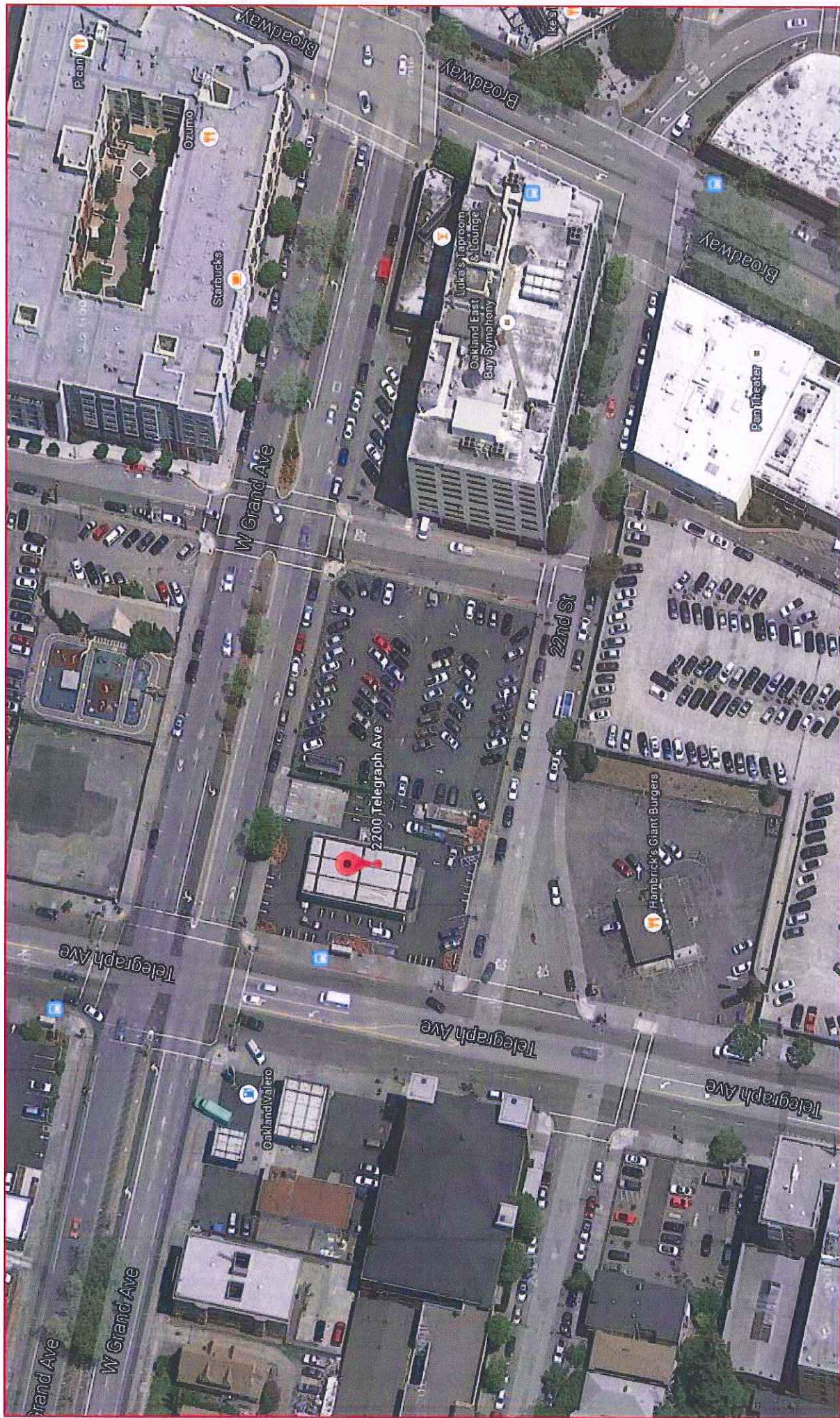


Figure 1
 VICINITY MAP
 CHEVRON SERVICE STATION 93600
 2200 TELEGRAPH AVENUE
 Oakland, California





MAP REF: THOMAS BROS
ALAMEDA COUNTY
P. 9 B-3

10-24-86 86297F1

#1 SUBSURFACE WATER SAMPLE
ANALYSIS FOR TOTAL HYDRO-
CARBONS (THC) AS GASOLINE,
BENZENE, TOLUENE AND XYLENE

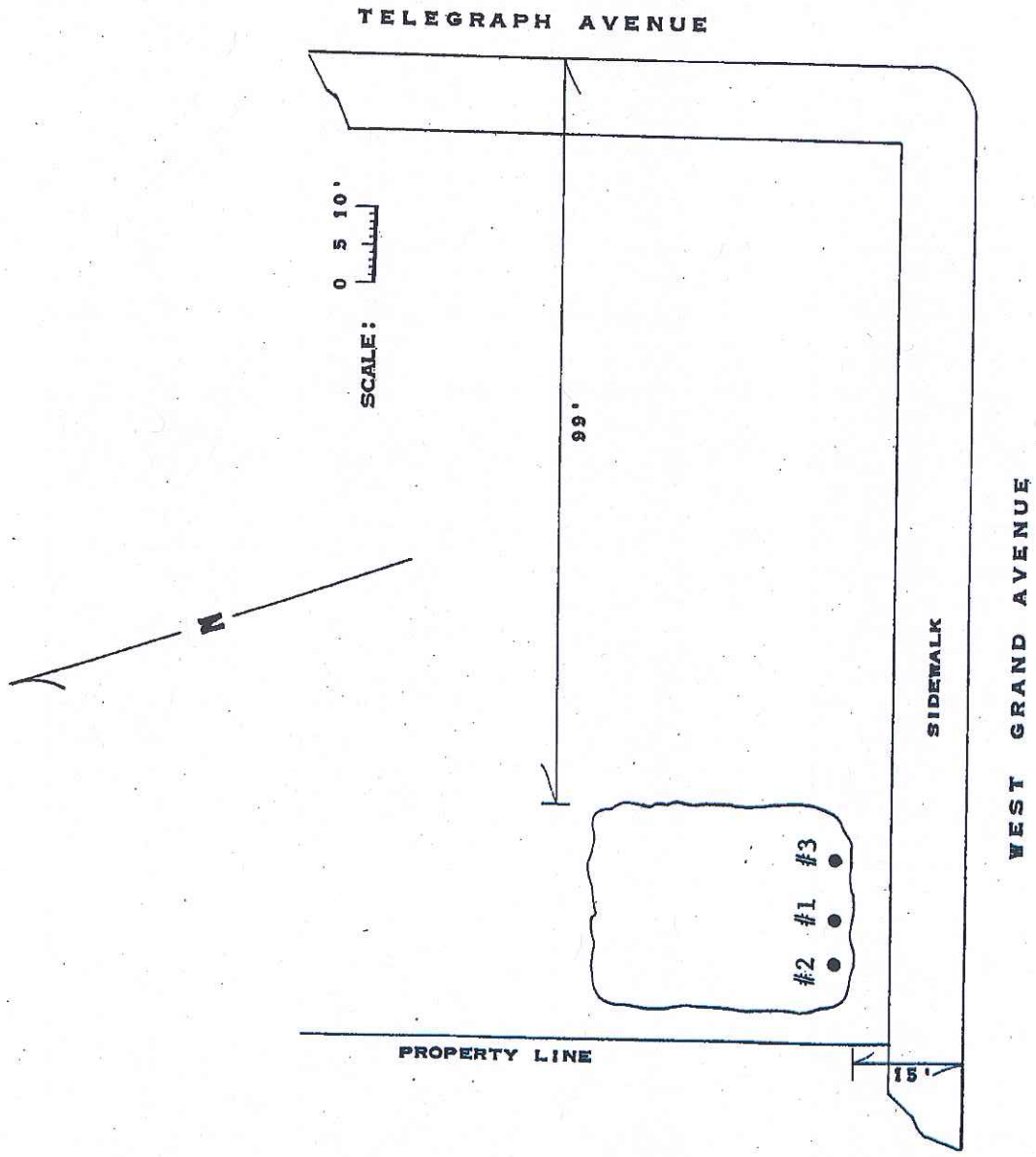
10-27-86 86300F1

#2 SOIL FROM 13'
ANALYSIS FOR THC AS GASOLINE

#3 SOIL FROM 13'
ANALYSIS FOR THC AS GASOLINE

NOTE: ALL SAMPLES WERE TAKEN TO
CHERNO ANALYTICAL INC/ERG
FOR ANALYSIS

SAMPLING PERFORMED BY
FRANK A. CLINE
DIAGRAM PREPARED BY
TAMMIE STALLINGS



MAP REF: THOMAS BROS.
ALAMEDA COUNTY
P. 9 B-3

#1 SOIL FROM 2-3'
600 PPM-VAPOR
ANALYSIS FOR TOTAL HYDRO-
CARBONS (THC) AS GASOLINE

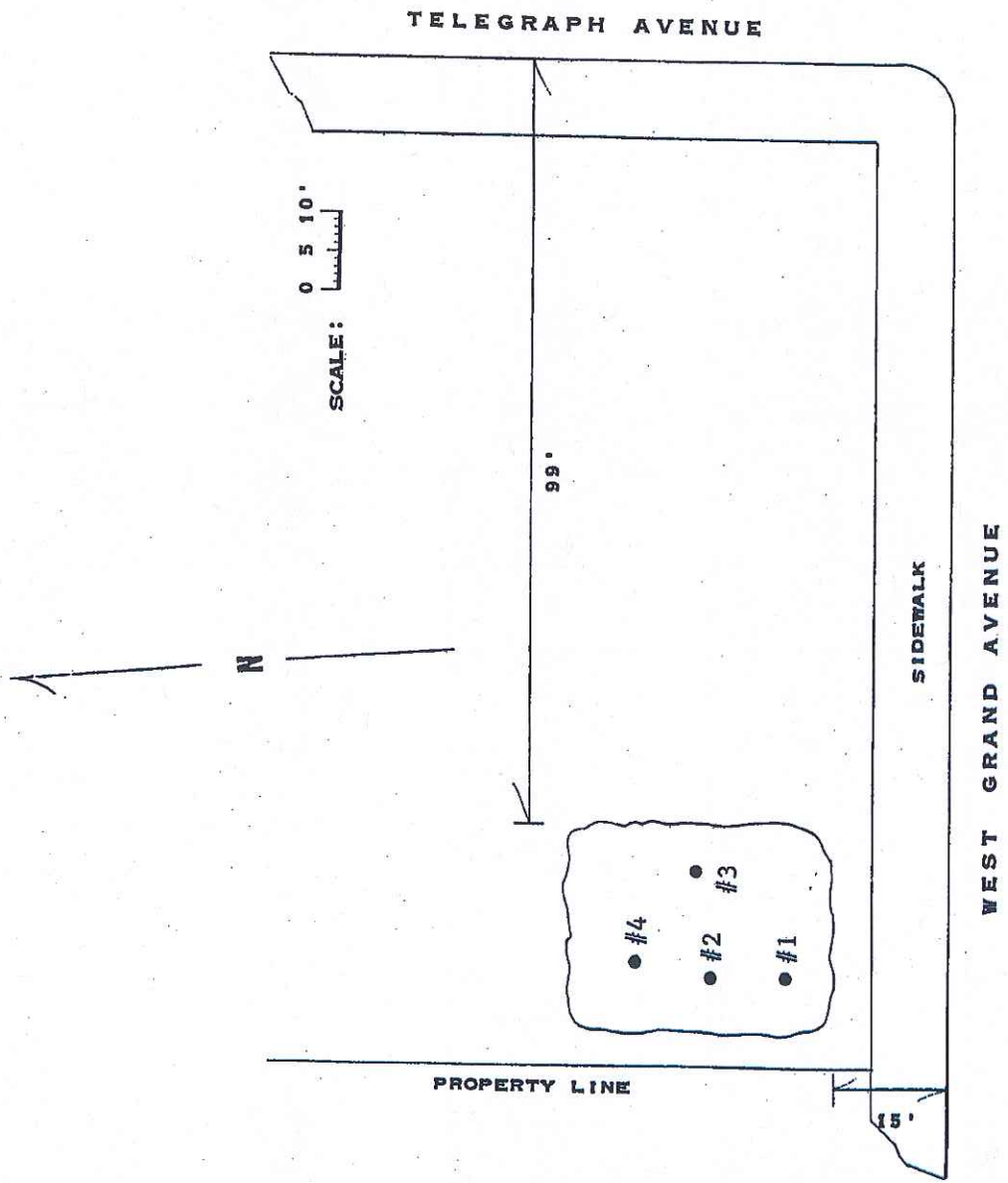
#2 SOIL FROM 2'
400 PPM-VAPOR
ANALYSIS FOR THC AS GASOLINE

#3 SOIL FROM 2'
600 PPM-VAPOR
ANALYSIS FOR THC AS GASOLINE

#4 SOIL FROM 2'
200 PPM-VAPOR
ANALYSIS FOR THC AS GASOLINE

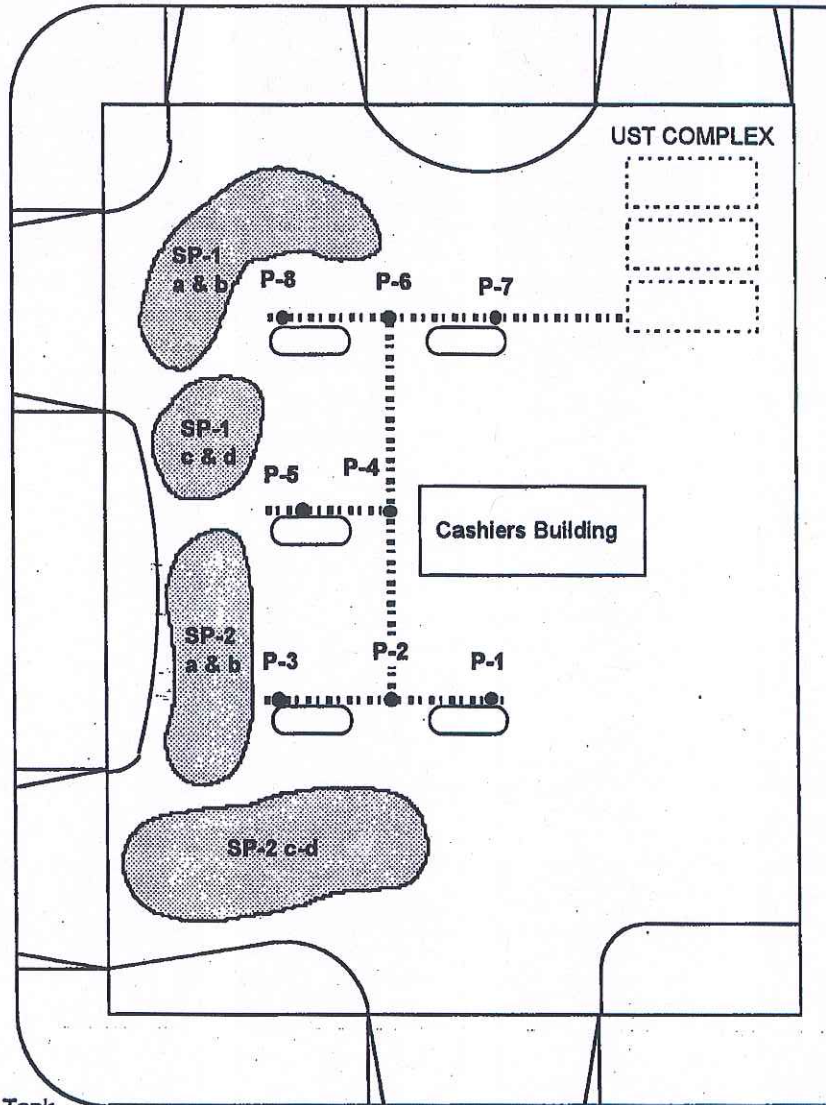
NOTE: SAMPLES WERE COMPOSITED
FOR ONE ANALYSIS AT THERMO
ANALYTICAL INC/ERG

SAMPLING PERFORMED BY
FRANK A. CLINE
DIAGRAM PREPARED BY
TAMMIE STALLINGS





WEST GRAND AVENUE

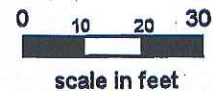
TELEGRAPH



EXPLANATION

- UST Underground Storage Tank
-  Soil Stockpile
- P-1 Sample ID and location
-  Product Piping

22nd STREET



SITE PLAN WITH SAMPLE LOCATIONS

FIGURE

CHEVRON SERVICE STATION # 9-3600
 2200 Telegraph Avenue
 Oakland, California

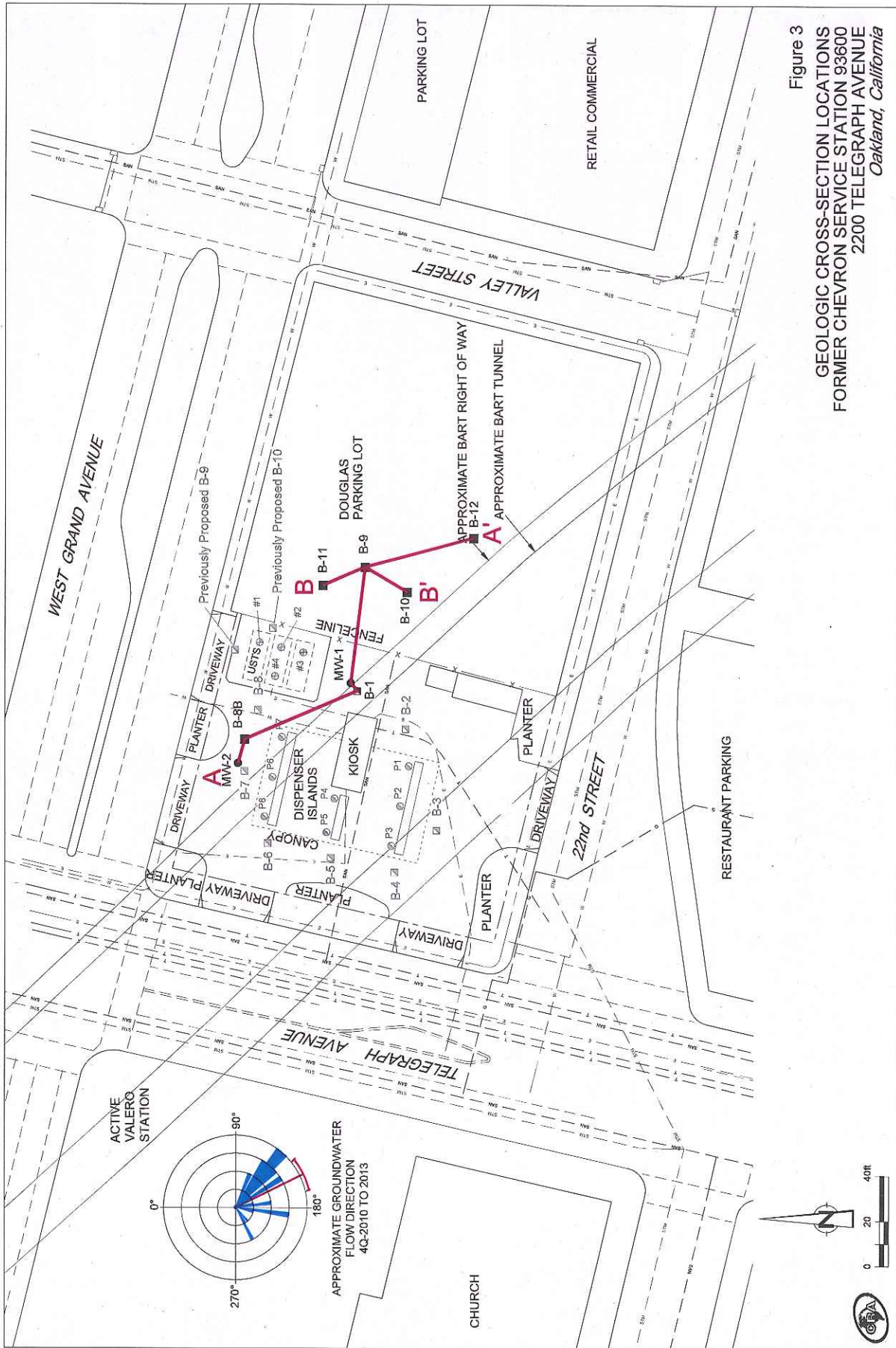
2

PROJECT NO.
 9-3600

DATE
 8/94

DRAWN BY:
 WTJ

BASE MAP:
 Chevron Site Plan 5/90



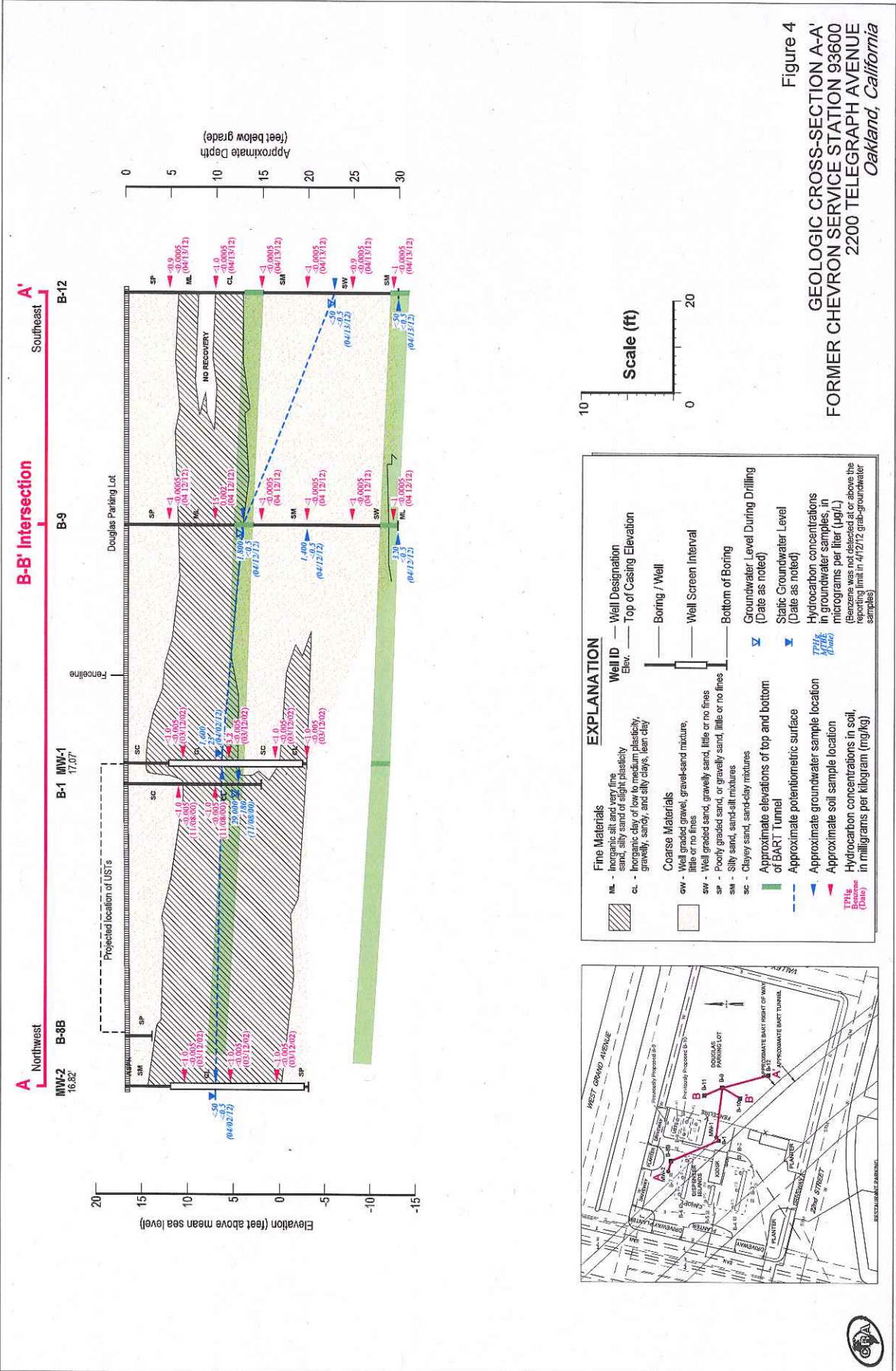
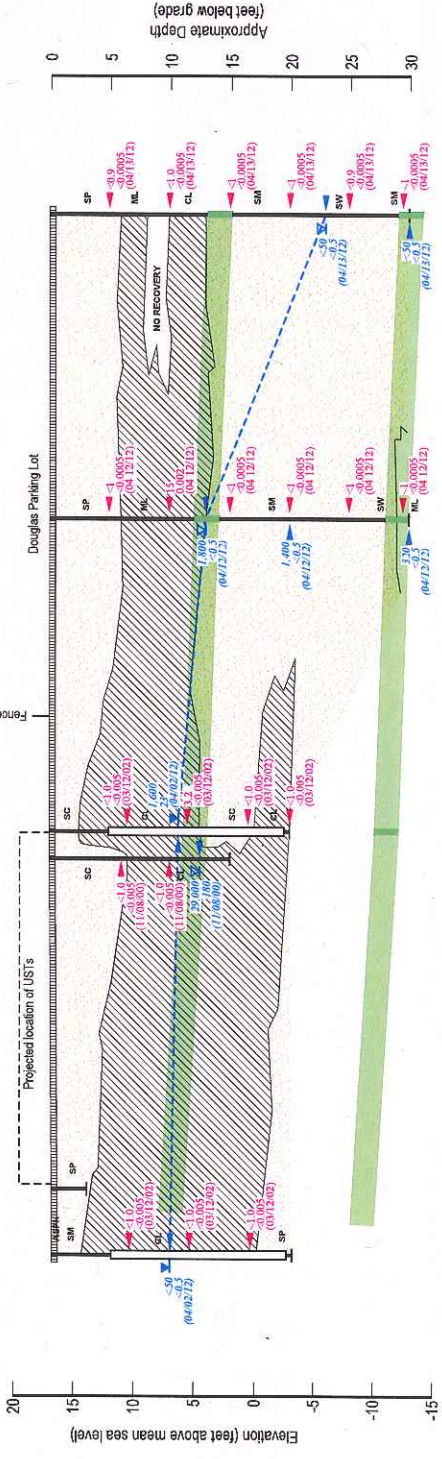
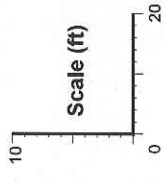
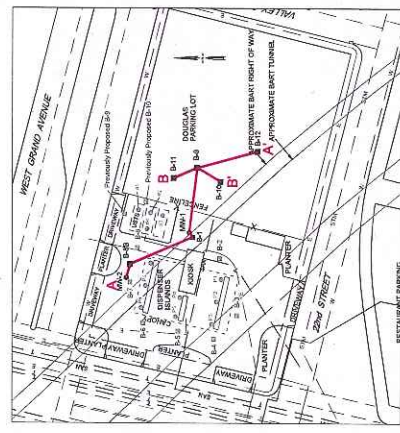


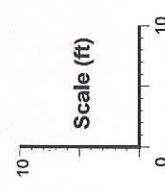
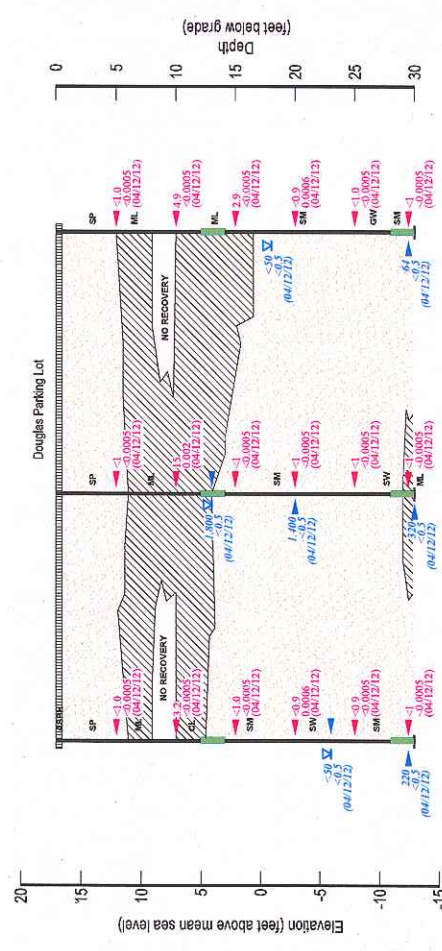
Figure 4
GEOLOGIC CROSS-SECTION A-A'
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE
Oakland, California

EXPLANATION	
	Fine Materials ML - Inorganic silt and very fine sand, silty sand of slight plasticity CL - Inorganic clay of low to medium plasticity, gravelly, sandy, and silty clays, lean clay
	Coarse Materials GW - Well graded gravel, gravel-sand mixture, little or no fines SW - Well graded sand, gravelly sand, little or no fines SP - Poorly graded sand, or gravelly sand, little or no fines SM - Silty sand, sand-silt mixtures SC - Clayey sand, sand-clay mixtures
	Approximate elevations of top and bottom of BART Tunnel
	Approximate potentiometric surface
	Approximate groundwater sample location
	Approximate soil sample location
	Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)
	Hydrocarbon concentrations in groundwater samples, in micrograms per liter (µg/L) (Benzene was not detected at or above the reporting limit in 4/2/12 grab-groundwater samples)
	Well ID
	Well Designation Elev. — Top of Casing Elevation
	Boring / Well
	Well Screen Interval
	Bottom of Boring
	Groundwater Level During Drilling (Date as noted)
	Static Groundwater Level (Date as noted)
	Hydrocarbon concentrations in groundwater samples, in micrograms per liter (µg/L) (Benzene was not detected at or above the reporting limit in 4/2/12 grab-groundwater samples)



B' Northwest **A-A' Intersection** **B' Southwest**

B-11 B-9 B-10



EXPLANATION	
	NO RECOVERY
	ML - Inorganic silt and very fine sand, silty sand of slight plasticity, gravelly, sandy, and silty clays, lean clay
	SP - Well graded sand, gravelly sand, little or no fines
	SM - Silty sand, sand-silt mixtures
	SW - Clayey sand, sand-clay mixtures
	SC - Poorly graded sand, or gravelly sand, little or no fines
	Approximate elevations of top and bottom of BART Tunnel
	Approximate potentiometric surface
	Approximate groundwater sample location
	Approximate soil sample location
	Hydrocarbon concentrations in soil, in milligrams per kilogram (mg/kg)
	Hydrocarbon concentrations in groundwater samples, in micrograms per liter (µg/L)
	Static Groundwater Level (Date as noted)
	Groundwater Level During Drilling (Date as noted)
	Boring
	Boring ID - Boring Designation
	Bottom of Boring (Date as noted)
	Static Groundwater Level (Date as noted)
	Hydrocarbon concentrations in groundwater samples, in micrograms per liter (µg/L) (Benzene was not detected at or above the reporting limit in 4/12/12 grab-groundwater samples)

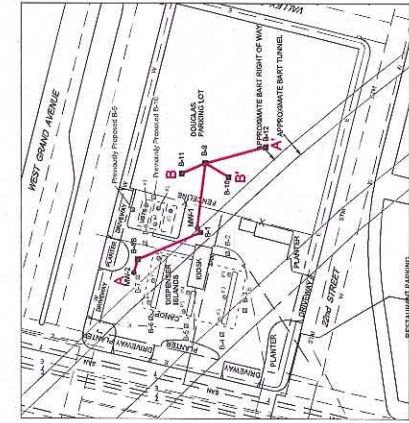
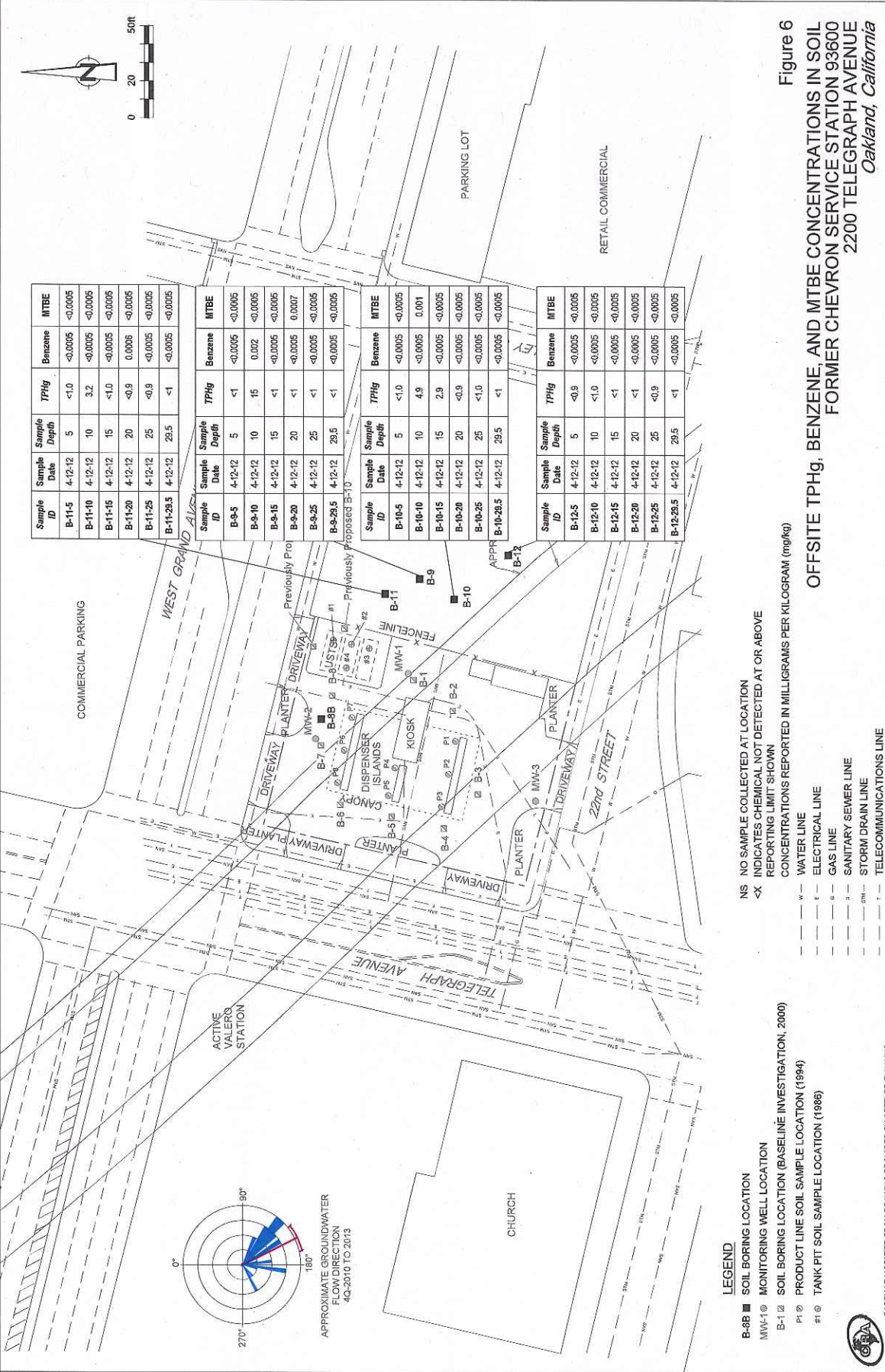


Figure 5
GEOLOGIC CROSS-SECTION B-B'
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE
Oakland, California





Sample ID	Sample Date	Sample Depth	TPHg	Benzene	MTBE
B-11-5	4-12-12	5	<1.0	<0.0005	<0.0005
B-11-10	4-12-12	10	3.2	<0.0005	<0.0005
B-11-15	4-12-12	15	<1.0	<0.0005	<0.0005
B-11-20	4-12-12	20	<0.9	0.0006	<0.0005
B-11-25	4-12-12	25	<0.9	<0.0005	<0.0005
B-11-29.5	4-12-12	29.5	<1	<0.0005	<0.0005

Sample ID	Sample Date	Sample Depth	TPHg	Benzene	MTBE
B-9-5	4-12-12	5	<1	<0.0005	<0.0005
B-9-10	4-12-12	10	15	0.002	<0.0005
B-9-15	4-12-12	15	<1	<0.0005	<0.0005
B-9-20	4-12-12	20	<1	<0.0005	0.0007
B-9-25	4-12-12	25	<1	<0.0005	<0.0005
B-9-29.5	4-12-12	29.5	<1	<0.0005	<0.0005

Sample ID	Sample Date	Sample Depth	TPHg	Benzene	MTBE
B-10-5	4-12-12	5	<1.0	<0.0005	<0.0005
B-10-10	4-12-12	10	4.9	<0.0005	0.001
B-10-15	4-12-12	15	2.9	<0.0005	<0.0005
B-10-20	4-12-12	20	<0.9	<0.0005	<0.0005
B-10-25	4-12-12	25	<1.0	<0.0005	<0.0005
B-10-29.5	4-12-12	29.5	<1	<0.0005	<0.0005

Sample ID	Sample Date	Sample Depth	TPHg	Benzene	MTBE
B-12-5	4-12-12	5	<0.9	<0.0005	<0.0005
B-12-10	4-12-12	10	<1.0	<0.0005	<0.0005
B-12-15	4-12-12	15	<1	<0.0005	<0.0005
B-12-20	4-12-12	20	<1	<0.0005	<0.0005
B-12-25	4-12-12	25	<0.9	<0.0005	<0.0005
B-12-29.5	4-12-12	29.5	<1	<0.0005	<0.0005

- LEGEND**
- B-88 ■ SOIL BORING LOCATION
 - MW-1 ⊙ MONITORING WELL LOCATION
 - B-1 □ SOIL BORING LOCATION (BASELINE INVESTIGATION, 2000)
 - P1 ⊙ PRODUCT LINE SOIL SAMPLE LOCATION (1994)
 - #1 ⊙ TANK PIT SOIL SAMPLE LOCATION (1986)
 - W WATER LINE
 - E ELECTRICAL LINE
 - G GAS LINE
 - S SANITARY SEWER LINE
 - DM STORM DRAIN LINE
 - T TELECOMMUNICATIONS LINE

NS NO SAMPLE COLLECTED AT LOCATION
 <X INDICATES CHEMICAL NOT DETECTED AT OR ABOVE REPORTING LIMIT SHOWN
 CONCENTRATIONS REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg)

Figure 6
OFFSITE TPHg, BENZENE, AND MTBE CONCENTRATIONS IN SOIL
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE
Oakland, California



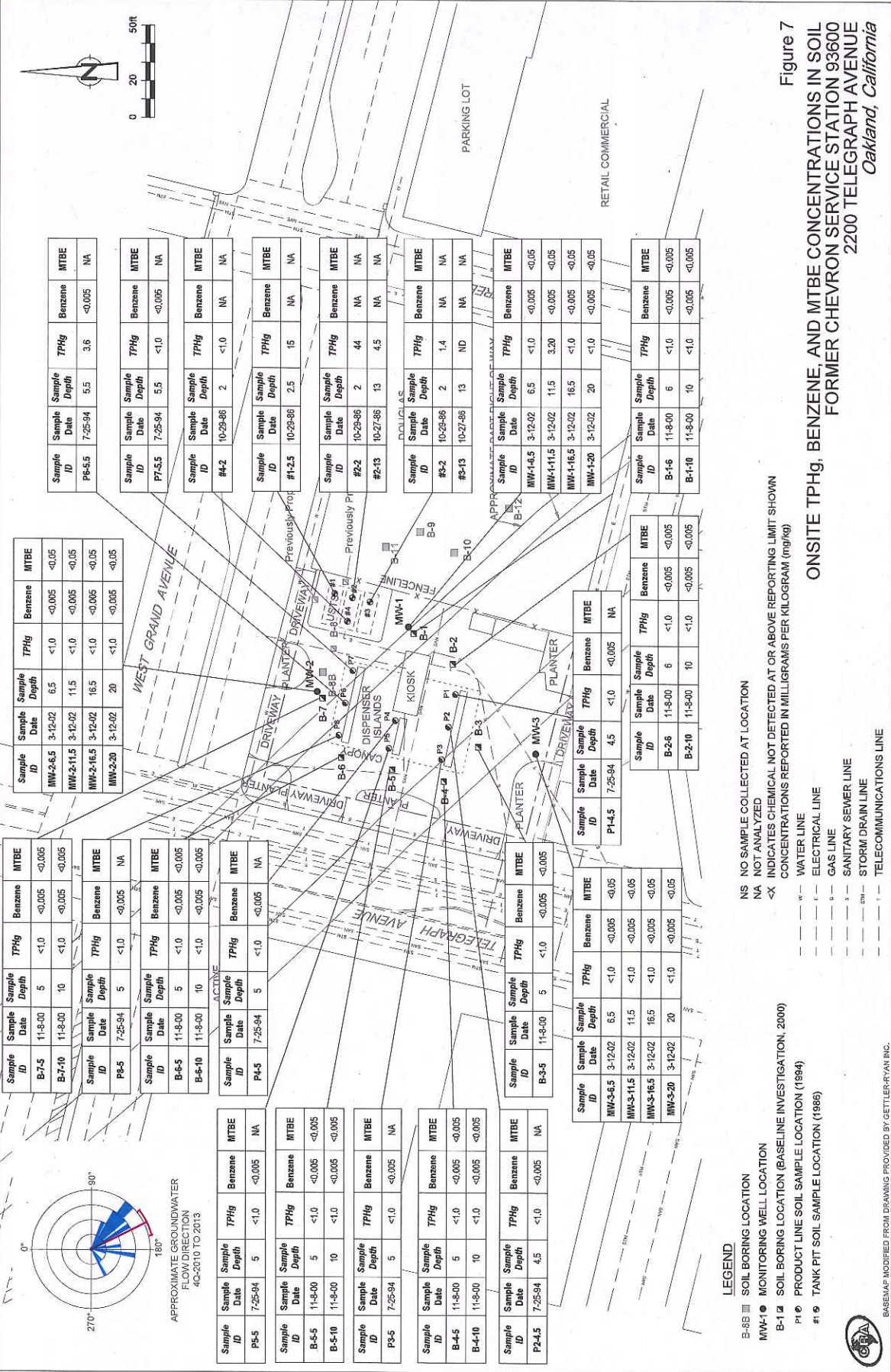


Figure 7
ONSITE TPHg, BENZENE, AND MTBE CONCENTRATIONS IN SOIL
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE
Oakland, California

Sample ID	Sample Date	Sample Depth	TPHg	Benzene	MTBE
B-7-5	11-8-00	5	<1.0	<0.005	<0.005
B-7-10	11-8-00	10	<1.0	<0.005	<0.005
B-6-5	11-8-00	5	<1.0	<0.005	<0.005
B-6-10	11-8-00	10	<1.0	<0.005	<0.005
B-5-5	11-8-00	5	<1.0	<0.005	<0.005
B-5-10	11-8-00	10	<1.0	<0.005	<0.005
B-4-5	11-8-00	5	<1.0	<0.005	<0.005
B-4-10	11-8-00	10	<1.0	<0.005	<0.005
B-3-5	11-8-00	5	<1.0	<0.005	<0.005
B-3-10	11-8-00	10	<1.0	<0.005	<0.005
B-2-5	11-8-00	5	<1.0	<0.005	<0.005
B-2-10	11-8-00	10	<1.0	<0.005	<0.005
B-1-5	11-8-00	5	<1.0	<0.005	<0.005
B-1-10	11-8-00	10	<1.0	<0.005	<0.005
MW-1-6.5	3-12-02	6.5	<1.0	<0.005	<0.005
MW-1-11.5	3-12-02	11.5	<1.0	<0.005	<0.005
MW-1-16.5	3-12-02	16.5	<1.0	<0.005	<0.005
MW-2-6.5	3-12-02	6.5	<1.0	<0.005	<0.005
MW-2-11.5	3-12-02	11.5	<1.0	<0.005	<0.005
MW-2-16.5	3-12-02	16.5	<1.0	<0.005	<0.005
MW-3-20	3-12-02	20	<1.0	<0.005	<0.005
P14-5	7-25-94	4.5	<1.0	<0.005	NA
P4-5	7-25-94	5	<1.0	<0.005	NA
P1-5	7-25-94	5.5	3.6	<0.005	NA
P7-5.5	7-25-94	5.5	<1.0	<0.005	NA
#4-2	10-29-86	2	<1.0	NA	NA
#1-2.5	10-29-86	2.5	15	NA	NA
#2-2	10-29-86	2	44	NA	NA
#2-13	10-27-86	13	4.5	NA	NA
#3-2	10-29-86	2	1.4	NA	NA
#3-13	10-27-86	13	ND	NA	NA
#14-5	7-25-94	4.5	<1.0	<0.005	NA
B-14-5	7-25-94	4.5	<1.0	<0.005	NA
B-11-5	7-25-94	5	<1.0	<0.005	NA
B-11-10	7-25-94	10	<1.0	<0.005	NA
B-11-15	7-25-94	15	<1.0	<0.005	NA
B-11-20	7-25-94	20	<1.0	<0.005	NA
B-11-25	7-25-94	25	<1.0	<0.005	NA
B-11-30	7-25-94	30	<1.0	<0.005	NA
B-11-35	7-25-94	35	<1.0	<0.005	NA
B-11-40	7-25-94	40	<1.0	<0.005	NA
B-11-45	7-25-94	45	<1.0	<0.005	NA
B-11-50	7-25-94	50	<1.0	<0.005	NA
B-11-55	7-25-94	55	<1.0	<0.005	NA
B-11-60	7-25-94	60	<1.0	<0.005	NA
B-11-65	7-25-94	65	<1.0	<0.005	NA
B-11-70	7-25-94	70	<1.0	<0.005	NA
B-11-75	7-25-94	75	<1.0	<0.005	NA
B-11-80	7-25-94	80	<1.0	<0.005	NA
B-11-85	7-25-94	85	<1.0	<0.005	NA
B-11-90	7-25-94	90	<1.0	<0.005	NA
B-11-95	7-25-94	95	<1.0	<0.005	NA
B-11-100	7-25-94	100	<1.0	<0.005	NA

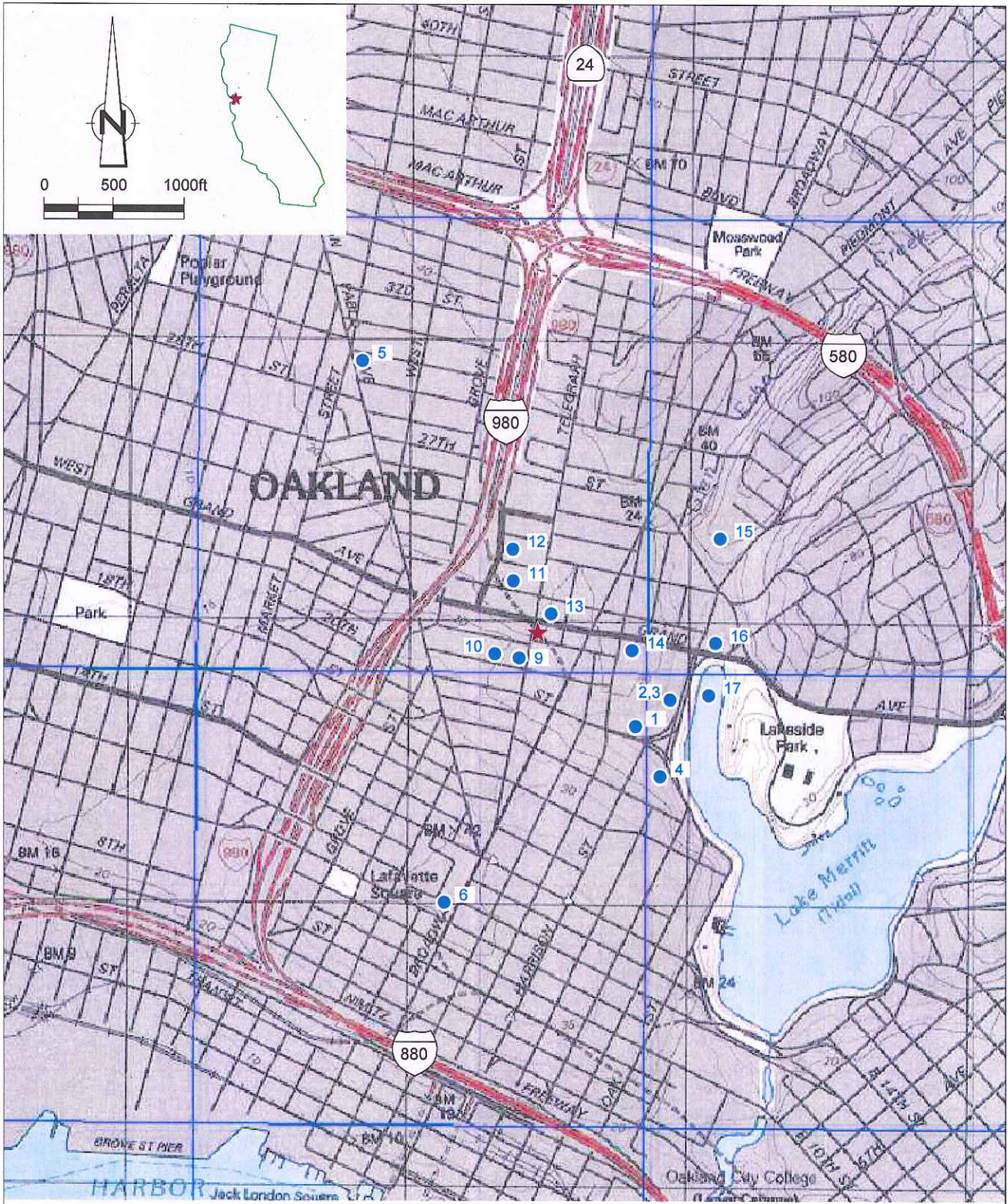
LEGEND

- B-88 ■ SOIL BORING LOCATION
- MW-1 ● MONITORING WELL LOCATION
- B-1 □ SOIL BORING LOCATION (BASELINE INVESTIGATION, 2000)
- P1 ○ PRODUCT LINE SOIL SAMPLE LOCATION (1994)
- #1 ● TANK PIT SOIL SAMPLE LOCATION (1986)

NS NO SAMPLE COLLECTED AT LOCATION
 NA NOT ANALYZED
 <X INDICATES CHEMICAL NOT DETECTED AT OR ABOVE REPORTING LIMIT SHOWN
 CONCENTRATIONS REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg)

--- WATER LINE
 --- ELECTRICAL LINE
 --- GAS LINE
 --- SANITARY SEWER LINE
 --- STORM DRAIN LINE
 --- TELECOMMUNICATIONS LINE





LEGEND

- ★ SITE LOCATION
- 1 ● SENSITIVE RECEPTOR

Figure 10

**POTENTIAL SENSITIVE RECEPTOR MAP
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE
Oakland, California**



ATTACHMENT 7

TABLE 1
CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Concentrations in milligrams per kilogram (mg/kg)															
									VOCs	SVOCS	Pb	TBA	DIPE	ETBE	TAME	Naphthalene	PAHs							
Low-Threat Underground Storage Tank Case Closure Criteria^{a,b}																								
Vapor Intrusion to Indoor Air (0-10 fbg)			(No																					
LNAPL)																								
			100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
		Residential	--	1.9	--	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.7	0.063	
		Commercial	--	2.8	--	32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.7	NA	
		Residential	--	8.2	--	89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	45	0.68	
		Commercial	--	12	--	134	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	45	NA	
		Utility	--	14	--	314	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	219	4.5	

2012 CRA Soil Boring Investigation

B-9	4/12/2012	5	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9	4/12/2012	10	15	0.002	<0.001	0.39	0.051	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9	4/12/2012	15	<1	<0.0005	<0.001	0.002	0.007	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9	4/12/2012	20	<1	<0.0005	<0.001	0.003	0.007	0.0007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9	4/12/2012	25	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9	4/12/2012	29.5	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-10	4/12/2012	5	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-10	4/12/2012	10	4.9	<0.0005	<0.001	0.001	0.001	0.001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-10	4/12/2012	15	2.9	<0.0005	<0.001	0.047	0.062	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-10	4/12/2012	20	<0.9	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-10	4/12/2012	25	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-10	4/12/2012	29.5	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-11	4/12/2012	5	<1.0	<0.0005	<0.0009	<0.0009	<0.0009	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-11	4/12/2012	10	3.2	<0.0005	<0.001	<0.001	0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-11	4/12/2012	15	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-11	4/12/2012	20	<0.9	0.0006	<0.001	0.011	0.011	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-11	4/12/2012	25	<0.9	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-11	4/12/2012	29.5	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-12	4/13/2012	5	<0.9	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-12	4/13/2012	10	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-12	4/13/2012	15	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-12	4/13/2012	20	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-12	4/13/2012	25	<0.9	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-12	4/13/2012	29.5	<1	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1
CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	VOCs	SVOCs	Pb	TBA	DIPE	ETBE	TAME	Naphthalene	PAHs
Concentrations in milligrams per kilogram (mg/kg)																	
Low-Threat Underground Storage Tank Case Closure Criteria^{a,b}																	
Vapor Intrusion to Indoor Air (0-10 fbg)			(No)														
LNAPL			100														
Direct Contact (0-5 fbg)			Residential	1.9	21												
Volatilization to Outdoor Air (5-10 fbg)			Commercial	2.8	32												
Direct Contact (0-10 fbg)			Residential	8.2	89												
			Commercial	12	134												
			Utility	14	314												
2002 Delta Monitoring Well Installation																	
MW-1	3/12/2002	6.5	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	--	--
MW-1	3/12/2002	11.5	3.20	<0.005	<0.005	0.15	<0.15	<0.05	--	--	--	--	--	--	--	9.7	0.063
MW-1	3/12/2002	16.5	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	9.7	NA
MW-1	3/12/2002	20	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	45	0.68
MW-2	3/12/2002	6.5	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	45	NA
MW-2	3/12/2002	11.5	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	219	4.5
MW-2	3/12/2002	16.5	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	--	--
MW-2	3/12/2002	20	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	--	--
MW-3	3/12/2002	6.5	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	--	--
MW-3	3/12/2002	11.5	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	--	--
MW-3	3/12/2002	16.5	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	--	--
MW-3	3/12/2002	20	<1.0	<0.005	<0.005	<0.005	<0.15	<0.05	--	--	--	--	--	--	--	--	--
2000 Gettler-Ryan Baseline Investigation																	
B-1	11/8/2000	6	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	32	--	--	--	--	--	--
B-1	11/8/2000	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	10	--	--	--	--	--	--
B-2	11/8/2000	6	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	9.6	--	--	--	--	--	--
B-2	11/8/2000	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	6.2	--	--	--	--	--	--
B-3	11/8/2000	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	27	--	--	--	--	--	--
B-4	11/8/2000	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	26	--	--	--	--	--	--
B-4	11/8/2000	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	27	--	--	--	--	--	--
B-5	11/8/2000	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	17	--	--	--	--	--	--
B-5	11/8/2000	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	8.9	--	--	--	--	--	--
B-6	11/8/2000	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	27	--	--	--	--	--	--
B-6	11/8/2000	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	3.6	--	--	--	--	--	--

TABLE 1
CUMULATIVE SOIL ANALYTICAL DATA
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (fbg)	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	VOCs	SVOCs	Pb	TBA	DIPE	ETBE	TAME	Naphthalene	PAHs	
Low-Threat Underground Storage Tank Case Closure Criteria^{a,b}																		
Vapor Intrusion to Indoor Air (0-10 fbg)			(No)															
LNAPL)			100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Direct Contact (0-5 fbg)		Residential	--	1.9	--	21	--	--	--	--	--	--	--	--	--	9.7	0.063	
Volatilization to Outdoor Air (5-10 fbg)		Commercial	--	2.8	--	32	--	--	--	--	--	--	--	--	--	9.7	NA	
		Residential	--	8.2	--	89	--	--	--	--	--	--	--	--	--	45	0.68	
		Commercial	--	12	--	134	--	--	--	--	--	--	--	--	--	45	NA	
		Utility	--	14	--	314	--	--	--	--	--	--	--	--	--	219	4.5	
B-7	11/8/2000	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	6.5	--	--	--	--	--	--	--
B-7	11/8/2000	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	6.8	--	--	--	--	--	--	--
1994 Touchstone Product-Line Removal and Sampling Report																		
P-1	7/25/1994	4.5	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--
P-2	7/25/1994	4.5	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--
P-3	7/25/1994	5	<1.0	<0.005	0.012	0.008	0.045	--	--	--	--	--	--	--	--	--	--	--
P-4	7/25/1994	5	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--
P-5	7/25/1994	5	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--
P-6	7/25/1994	5.5	3.6	<0.005	0.03	0.012	1.3	--	--	--	--	--	--	--	--	--	--	--
P-7	7/25/1994	5.5	<1.0	<0.005	0.005	<0.005	0.007	--	--	--	--	--	--	--	--	--	--	--
P-8	7/25/1994	5	<1.0	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--	--	--	--	--
1986 Blaine Tech Services Tank Pit Sampling																		
#1	10/29/1986	2.5	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
#2	10/29/1986	2	44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
#2	10/27/1986	13	4.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
#3	10/29/1986	2	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
#3	10/27/1986	13	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
#4	10/29/1986	2	<1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
 Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M.
 Benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8021B.
 Total lead by EPA Method 6010.
 fbg = Feet below grade.
 <x = Not detected above method detection limit.
 -- = Not analyzed.

TABLE 2
MONITORING WELL CONSTRUCTION DETAILS
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

<i>Well ID</i>	<i>TOC</i>	<i>Well Casing Diameter (inches)</i>	<i>Depth (fbg)</i>	<i>Screen Interval (fbg)</i>	<i>Slot Size (inches)</i>	<i>Filter Pack Type</i>
MW-1	17.07	2	20	5-20	0.020 inch	#3 Lonestar
MW-2	16.82	2	20	5-20	0.020 inch	#3 Lonestar
MW-3	16.52	2	20	5-20	0.020 inch	#3 Lonestar

Notes:

fbg = Feet below grade

TOC = Top of casing

TABLE 3
CUMULATIVE GRAB-GROUNDWATER ANALYTICAL DATA
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

Sample ID	Date	Sample Depth (fbg)	TPHg	Benzene	Toluene	Ethyl- benzene	Xylenes	Total	MTBE	TBA	DIPE	ETBE	TAME	1,2-DCA	EDB	Ethanol
<i>Drinking Water ESL Table F-1a</i>																
			100	1	40	30	20	5	12	NE	NE	NE	NE	0.5	0.05	NE

Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M
 Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B
 Methyl tertiary butyl ether (MTBE) t-Butyl alcohol (TBA), diisopropyl ether (DIPE), tertiary amyl ether (TAME), ethyl tertiary butyl ether (ETBE), 1,2-dichloroethane (1,2-DCA), 1,2-dibromoethane (EDB) by EPA Method 8260B

ESL = RWQCB-San Francisco Bay Region, Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim final May 2013.

Bold = Concentration exceeds the lowest ESL

<x = Not detected above method detection limit

-- = Not Analyzed

fbg = feet below grade

TABLE 4
POTENTIAL SENSITIVE RECEPTORS
FORMER CHEVRON SERVICE STATION 93600
2200 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA

ID#	Potential Sensitive Receptor	Address	Owner	Distance (feet)	Direction
Water Supply Wells					
1	Irrigation	300 Lakeside Drive	Kaiser Center	1,100	Southeast
2	Irrigation	2100 Harrison Street	Ahmanson Commerical Development	1,200	Southeast
3	Domestic	2100 Harrison Street	Ahmanson Commerical Development	1,200	Southeast
4	Irrigation	244 Lakeside Drive	Lakeside Corp (Bechtel)	1,700	Southeast
5	Industrial	887 30th Street	Lane Metal Finishing	2,200	Northwest
6	Irrigation	1111 Broadway		3,500	
7	Irrigation	Location Uncertain	Middle School		
8	Irrigation	900 High Street	Oakland School District	>2 miles	Southeast
Eldercare homes					
9	Mercy Housing - Hamilton Apartments	500 21st Street		200	Southwest
10	Satellite Central	540 21st Street		400	Southwest
11	Providence Home	540 23rd Street		600	Northwest
12	Northgate Terrace	550 24th Street		900	Northwest
Daycare/Pre-School					
13	New Day Preschool	460 West Grand Avenue		125	Northeast
14	SmallTrans Depot	111 Grand Avenue		750	East
Schools					
15	Westlake Middle School	2629 Harrison Street		1,600	Northeast
Surface Waters					
16	Glenn Echo Creek			1,500	East
17	Lake Merritt			1,500	East

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER CHEVRON SERVICE STATION 93600
 2200 TELEGRAPH AVE
 OAKLAND, CALIFORNIA

Location	Date	TOC ft	DTW ft	GWE ft-amsl	HYDROCARBONS		PRIMARY VOCS					ADDITIONAL VOCS				
					TPH-GRO µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE by SW8260 µg/L	ETHANOL µg/L	TBA µg/L	DPE µg/L	ETBE µg/L	TAME µg/L	
MW-1	04/05/2002 ¹	17.07	11.68	5.39	2,000	5.0	<1.0	14	8.4	310/370	-	200	<2	<2	10	
MW-1	07/01/2002	17.07	12.01	5.06	2,000	8.9	<1.0	97	31	420/370	-	190	<2	<2	9	
MW-1	10/08/2002	17.07	12.20	4.87	1,400	9.2	<1.0	75	20	360/440	-	110	<2	<2	8	
MW-1	01/11/2003	17.07	11.13	5.94	1,600	7.1	0.51	53	13	280/270	-	<100	<2	<2	7	
MW-1	04/01/2003	17.07	11.53	5.54	1,800	5.2	0.6	25	9.1	210/210	-	22	<0.5	<0.5	5	
MW-1	07/01/2003 ³	17.07	11.95	5.12	2,000	4	<0.5	31	12	170	<50	26	<0.5	<0.5	5	
MW-1	10/02/2003 ³	17.07	12.25	4.82	480	<5	<5	<5	<5	9,800	<500	2,600	<5	<5	6	
MW-1	01/05/2004 ³	17.07	11.05	6.02	1,700	3	<0.5	27	4	140	<50	21	<0.5	<0.5	3	
MW-1	04/05/2004 ³	17.07	11.63	5.44	1,500	2	<0.5	21	0.6	120	<50	17	<0.5	<0.5	3	
MW-1	07/01/2004 ³	17.07	12.08	4.99	1,500	1	<0.5	3	<0.5	130	<50	13	<0.5	<0.5	2	
MW-1	10/05/2004 ³	17.07	12.21	4.86	1,400	<0.5	<0.5	1	0.5	130	<50	14	<0.5	<0.5	2	
MW-1	01/04/2005 ³	17.07	11.15	5.92	1,500	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	
MW-1	04/14/2005 ³	17.07	11.20	5.87	2,100	<0.5	<0.5	4	0.5	61	<50	15	<0.5	<0.5	1	
MW-1	07/08/2005 ³	17.07	11.38	5.69	1,800	<0.5	<0.5	0.8	<0.5	71	<50	15	<0.5	<0.5	1	
MW-1	10/27/2005 ³	17.07	12.24	4.83	800	<0.5	<0.5	<0.5	<0.5	76	<50	10	<0.5	<0.5	1	
MW-1	01/12/2006 ³	17.07	11.10	5.97	1,600	<0.5	<0.5	4	<0.5	47	<50	12	<0.5	<0.5	<0.5	
MW-1	04/13/2006 ³	17.07	10.81	6.26	1,500	<0.5	<0.5	1	<0.5	36	<50	8	<0.5	<0.5	0.6	
MW-1	07/13/2006 ³	17.07	11.18	5.89	990	<0.5	<0.5	<0.5	<0.5	44	<50	7	<0.5	<0.5	0.7	
MW-1	10/16/2006 ³	17.07	12.18	4.89	780	<0.5	<0.5	<0.5	<0.5	59	<50	6	<0.5	<0.5	1	
MW-1	01/20/2007 ³	17.07	11.91	5.16	890	<0.5	<0.5	<0.5	<0.5	47	<50	8	<0.5	<0.5	0.8	
MW-1	04/11/2007 ³	17.07	11.87	5.20	1,900	<0.5	<0.5	4	<0.5	39	<50	9	<0.5	<0.5	0.7	
MW-1	07/27/2007 ³	17.07	11.91	5.16	1,500	<0.5	<0.5	0.6	<0.5	56	<50	8	<0.5	<0.5	0.8	
MW-1	10/22/2007 ³	17.07	-	-	610	<0.5	<0.5	<0.5	<0.5	65	<50	5	<0.5	<0.5	0.7	
MW-1	11/26/2007	17.07	11.96	5.11	-	-	-	-	-	-	-	-	-	-	-	

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER CHEVRON SERVICE STATION 93600
 2200 TELEGRAPH AVE
 OAKLAND, CALIFORNIA

Location	Date	TOC ft	DTW ft	GWE ft-amsl	HYDROCARBONS				PRIMARY VOCs				ADDITIONAL VOCs			
					TPH-GRO µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE by SW8260 µg/L	ETHANOL µg/L	TBA µg/L	DIFE µg/L	ETBE µg/L	TAME µg/L	
MW-1	01/21/2008 ³	17.07	11.78	5.29	1,100	<0.5	<0.5	0.8	<0.5	48	<50	5	<0.5	<0.5	<0.5	0.7
MW-1	04/04/2008 ³	17.07	11.83	5.24	1,600	<0.5	<0.5	<0.5	<0.5	53	<50	6	<0.5	<0.5	<0.5	0.6
MW-1	07/21/2008 ³	17.07	12.10	4.97	950	<0.5	<0.5	<0.5	<0.5	72	<50	11	<0.5	<0.5	<0.5	0.7
MW-1	10/09/2008 ³	17.07	12.17	4.90	960	<0.5	<0.5	<0.5	<0.5	59	<50	5	<0.5	<0.5	<0.5	0.5
MW-1	01/21/2009 ³	17.07	12.15	4.92	840	<0.5	<0.5	<0.5	<0.5	31	<50	5	<0.5	<0.5	<0.5	0.5
MW-1	04/29/2009	17.07	11.68	5.39	1,800	<0.5	<0.5	3	<0.5	25	<50	5	<0.5	<0.5	<0.5	<0.5
MW-1	07/23/2009 ³	17.07	11.85	5.22	1,900	<0.5	<0.5	<0.5	<0.5	30	<50	4J	<0.5	<0.5	<0.5	<0.5
MW-1	01/28/2010	17.07	10.81	6.26	2,600	<0.5	<0.5	2	<0.5	31	<50	11	<0.5	<0.5	<0.5	<0.5
MW-1	07/22/2010	17.07	11.76	5.31	4,200	0.5J	<0.5	3	<0.5	59	<50	9	<0.5	<0.5	<0.5	0.6J
MW-1	01/20/2011	17.07	11.33	5.74	2,500	<0.5	<0.5	2	<0.5	30	<50	4J	<0.5	<0.5	<0.5	<0.5
MW-1	07/18/2011	17.07	11.41	5.66	2,200	<0.5	<0.5	4	<0.5	55	<50	5	<0.5	<0.5	<0.5	0.5J
MW-1	04/02/2012	17.07	10.76	6.31	1,600	<0.5	<0.5	2	<0.5	23	<50	3J	<0.5	<0.5	<0.5	<0.5
MW-1	05/01/2013	17.07	11.40	5.67	1,500	<0.5	<0.5	<0.5	<0.5	38	<50	<2	<0.5	<0.5	<0.5	<0.5
MW-1	05/30/2014	17.07	11.24	5.83	1,800	<0.5	<0.5	<0.5	<0.5	29	<50	2J	<0.5	<0.5	<0.5	<0.5
MW-2	04/05/2002 ¹	16.82	11.17	5.65	<50	<0.50	<0.50	<0.50	<1.5	<2/<2.5	-	<100	<2	<2	<2	<2
MW-2	07/01/2002	16.82	11.36	5.46	<50	<0.50	0.57	0.52	<1.5	<2.5/<2	-	<100	<2	<2	<2	<2
MW-2	10/08/2002	16.82	11.57	5.25	<100	<2.0	<2.0	<2.0	<5.0	<10/<2	-	<100	<2	<2	<2	<2
MW-2	01/11/2003	16.82	10.94	5.88	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2	-	<100	<2	<2	<2	<2
MW-2	04/01/2003	16.82	11.03	5.79	<50	<0.5	<0.5	<0.5	<1.5	<0.5/<2.5	<50	<5	<0.5	<0.5	<0.5	<0.5
MW-2	07/01/2003 ³	16.82	11.30	5.52	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5
MW-2	10/02/2003 ³	16.82	11.63	5.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5
MW-2	01/05/2004 ³	16.82	10.82	6.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5
MW-2	04/05/2004 ³	16.82	11.21	5.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER CHEVRON SERVICE STATION 93600
 2200 TELEGRAPH AVE
 OAKLAND, CALIFORNIA

Location	Date	TOC ft	DTW ft	GWE ft-amsl	HYDROCARBONS			PRIMARY VOCS					ADDITIONAL VOCS				
					TPH-GRO µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE by SW8260 µg/L	ETHANOL µg/L	TBA µg/L	DIFE µg/L	ETBE µg/L	TAME µg/L		
MW-2	07/01/2004 ³	16.82	11.46	5.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	
MW-2	10/05/2004 ³	16.82	11.57	5.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	
MW-2	01/04/2005 ³	16.82	10.87	5.95	<50	0.5	<0.5	8	0.9	87	<50	<50	14	<0.5	<0.5	2	
MW-2	04/14/2005 ³	16.82	10.72	6.10	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5	
MW-2	07/08/2005 ³	16.82	11.16	5.66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5	
MW-2	10/27/2005 ³	16.82	11.59	5.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5	
MW-2	01/12/2006 ³	16.82	10.68	6.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5	
MW-2	04/13/2006 ³	16.82	10.37	6.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5	
MW-2	07/13/2006 ³	16.82	10.68	6.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5	
MW-2	10/16/2006 ³	16.82	11.48	5.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	<0.5	
MW-2	01/20/2007 ³	16.82	11.27	5.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	04/11/2007 ³	16.82	11.20	5.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	07/25/2007 ³	-	-	-	-	-	-	-	-	-	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	07/27/2007 ³	16.82	11.27	5.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	-	-	-	-	-	
MW-2	10/22/2007 ³	16.82	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	11/26/2007	16.82	11.31	5.51	-	-	-	-	-	-	<50	-	-	-	-	-	
MW-2	01/21/2008 ³	16.82	11.08	5.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	04/04/2008 ³	16.82	11.12	5.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	07/21/2008 ³	16.82	11.56	5.26	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	10/09/2008 ³	16.82	11.73	5.09	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	01/21/2009 ³	16.82	11.55	5.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	04/29/2009	16.82	11.06	5.76	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	07/23/2009 ³	16.82	11.30	5.52	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-2	01/28/2010	16.82	10.23	6.59	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	<0.5	

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER CHEVRON SERVICE STATION 93600
 2200 TELEGRAPH AVE
 OAKLAND, CALIFORNIA

Location	Date	TOC ft	DTW ft	GWE ft-amsl	HYDROCARBONS			PRIMARY VOCS					ADDITIONAL VOCS				
					TPH-GRO µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTRBE by SW8260 µg/L	ETHANOL µg/L	TBA µg/L	DPE µg/L	ETBE µg/L	TAME µg/L		
MW-2	07/22/2010	16.82	11.03	5.79	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-2	01/20/2011	16.82	10.52	6.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-2	07/18/2011	16.82	10.61	6.21	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-2	04/02/2012	16.82	9.86	6.96	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-2	05/01/2013	16.82	10.52	6.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-2	05/30/2014	16.82	10.35	6.47	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	04/05/2002 ¹	16.52	11.29	5.23	<50	<0.50	0.59	<0.50	<1.5	<2.5/<2	-	<50	<100	<2	<2	<2	
MW-3	07/01/2002	16.52	11.55	4.97	<50	<0.50	0.60	<0.50	<1.5	<2.5/<2	-	<50	<100	<2	<2	<2	
MW-3	10/08/2002	16.52	11.62	4.90	<100	<2.0	<2.0	<2.0	<5.0	<2/<10	-	<50	<100	<2	<2	<2	
MW-3	01/11/2003	16.52	11.09	5.43	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2	-	<50	<100	<2	<2	<2	
MW-3	04/01/2003	16.52	11.25	5.27	<50	<0.5	<0.5	<0.5	<1.5	<0.5/<2.5	-	<50	<5	<0.5	<0.5	<0.5	
MW-3	07/01/2003 ³	16.52	11.42	5.10	<50	<0.5	<0.5	<0.5	<0.5	2	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	10/02/2003 ³	16.52	11.74	4.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	01/05/2004 ³	16.52	11.06	5.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	04/05/2004 ³	16.52	11.40	5.12	<50	<0.5	<0.5	<0.5	<0.5	0.6	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	07/01/2004 ³	16.52	11.58	4.94	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	10/05/2004 ³	16.52	11.60	4.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	01/04/2005 ³	16.52	10.95	5.57	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	04/14/2005 ³	16.52	11.10	5.42	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	07/08/2005 ³	16.52	11.29	5.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	10/27/2005 ³	16.52	11.68	4.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	01/12/2006 ³	16.52	10.83	5.69	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<5	<0.5	<0.5	<0.5	
MW-3	04/13/2006 ³	16.52	10.65	5.87	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<5	<0.5	<0.5	<0.5	

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER CHEVRON SERVICE STATION 93600
 2200 TELEGRAPH AVE
 OAKLAND, CALIFORNIA

Location	Date	TOC ft	DTW ft	GWE ft-amsl	HYDROCARBONS			PRIMARY VOCS					ADDITIONAL VOCS				
					TPH-GRO µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE by SW8260 µg/L	ETHANOL µg/L	TBA µg/L	DPE µg/L	ETBE µg/L	TAME µg/L		
MW-3	07/13/2006 ³	16.52	11.03	5.49	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	
MW-3	10/16/2006 ³	16.52	11.46	5.06	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<5	<0.5	<0.5	<0.5	
MW-3	01/20/2007 ³	16.52	11.39	5.13	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	04/11/2007 ³	16.52	11.27	5.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	07/27/2007 ³	16.52	11.38	5.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	10/22/2007 ³	16.52	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	11/26/2007	16.52	11.35	5.17	-	-	-	-	-	-	-	-	-	-	-	-	
MW-3	01/21/2008 ³	16.52	11.16	5.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	04/04/2008 ³	16.52	11.15	5.37	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	07/21/2008 ³	16.52	11.38	5.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	10/09/2008 ³	16.52	11.49	5.03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	01/21/2009 ³	16.52	11.52	5.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	04/29/2009	16.52	11.10	5.42	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	07/23/2009 ³	16.52	11.20	5.32	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	01/28/2010	16.52	10.41	6.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	07/22/2010	16.52	10.91	5.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	01/20/2011	16.52	10.55	5.97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	07/18/2011	16.52	10.43	6.09	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	04/02/2012	16.52	10.22	6.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	05/01/2013	16.52	10.96	5.56	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
MW-3	05/30/2014	16.52	10.80	5.72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<2	<0.5	<0.5	<0.5	
Trip Blank	04/05/2002	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<1.5	<2.5	-	-	-	-	-	
Trip Blank	07/01/2002	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<1.5	<2.5	-	-	-	-	-	

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER CHEVRON SERVICE STATION 93600
 2200 TELEGRAPH AVE
 OAKLAND, CALIFORNIA

Location	Date	Units	TOC ft	DTW ft	GWE	HYDROCARBONS		PRIMARY VOCs					ADDITIONAL VOCs			
						TPH-GRO µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTBE by SW8260 µg/L	ETHANOL µg/L	TBA µg/L	DIFE µg/L	ETBE µg/L	TAME µg/L
Trip Blank	10/08/2002	-	-	-	-	<100	<2.0	<2.0	<2.0	<5.0	<10	-	-	-	-	-
Trip Blank	01/11/2003	-	-	-	-	<50	<0.50	<0.50	<1.5	<1.5	<2.5	-	-	-	-	-
Trip Blank	04/01/2003	-	-	-	-	<50	<0.5	<0.5	<1.5	<1.5	<2.5	-	-	-	-	-
Trip Blank	07/01/2003 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	10/02/2003 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	01/05/2004 ²	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	04/05/2004 ²	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	07/01/2004 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	10/05/2004 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	01/04/2005 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	04/14/2005 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	07/08/2005 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	10/27/2005 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	01/12/2006 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	04/13/2006 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	07/13/2006 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	10/16/2006 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	01/20/2007 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	04/11/2007 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	07/27/2007 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	10/22/2007 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	01/21/2008 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	04/04/2008 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-
Trip Blank	07/21/2008 ³	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-

TABLE 1

GROUNDWATER MONITORING AND SAMPLING DATA
 FORMER CHEVRON SERVICE STATION 93600
 2200 TELEGRAPH AVE
 OAKLAND, CALIFORNIA

Location	Date	TOC ft	DTW ft	GWE ft-amsl	HYDROCARBONS					PRIMARY VOCS					ADDITIONAL VOCS				
					TPH-GRO µg/L	B µg/L	T µg/L	E µg/L	X µg/L	MTRB by SW8260 µg/L	ETHANOL µg/L	TBA µg/L	DIPE µg/L	ETBE µg/L	TAME µg/L				
Trip Blank	10/09/2008 ³	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	
Trip Blank	01/21/2009 ³	-	-	-	<50 ⁵	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	
Trip Blank	04/29/2009	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	
Trip Blank	07/23/2009 ³	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	
Trip Blank	01/28/2010	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	
Trip Blank	07/22/2010	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	
Trip Blank	01/20/2011	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	
Trip Blank	07/18/2011	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	
Trip Blank	04/02/2012	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Trip Blank	05/01/2013	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Trip Blank	05/30/2014	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	

Abbreviations and Notes:

- TOC = Top of casing
- DTW = Depth to water
- GWE = Groundwater elevation
- (ft-amsl) = Feet above mean sea level
- ft = Feet
- µg/L = Micrograms per liter
- TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
- VOCS = Volatile organic compounds
- B = Benzene
- T = Toluene
- E = Ethylbenzene

