

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

February 25, 2014

Mr. Brian Waite
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
(Sent via electronic mail to:
BWaite@chevron.com)

Ms. Evelyn Schlichting
c/o Ben Shimek
Petroleum Sales, Inc.
1475 2nd Street
San Rafael, CA 94901

Ben and Patricia Shimek
P.O. Box 681
Ross, CA 94957

Peter Grassi Trust
1804 N Shoreline Blvd #140
Mountain View, CA 94043

Subject: Case Closure for Fuel Leak Case Fuel Leak Case No. RO0000002 and Geotracker Global ID T0600100348, Chevron #9-1583, 5509 Martin Luther King Jr. Way, Oakland, CA 94609

Dear Ladies and Gentlemen:

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

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

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

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

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

Sincerely,

Ariu Levi
Director



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

February 25, 2014

Mr. Brian Waite
Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
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Ross, CA 94957

Peter Grassi Trust
1804 N Shoreline Blvd #140
Mountain View, CA 94043

Subject: Closure Transmittal; Fuel Leak Case No. RO0000002 and Geotracker Global ID T0600100348, Chevron #9-1583, 5509 Martin Luther King Jr. Way, Oakland, CA 94609

Dear Ladies and Gentlemen:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). 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.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Groundwater has not been analyzed for non-petroleum VOCs and SVOCs, including naphthalene. Soil concentrations were non-detectable for both at <0.010 ppm.
- 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.

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

Sincerely,



Donna L. Drogos, P.E.
Division Chief

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

cc: Nate Allen, 10969 Trade Center Drive, Suite 106, Rancho Cordova, CA 95670
(sent via electronic mail to nallen@croworld.com)

Greg Barclay, 10969 Trade Center Drive, Suite 106, Rancho Cordova, CA 95670
(sent via electronic mail to gbarclay@croworld.com)

Ms. Cherie McCaulou (w/o enc.), SF- Regional Water Quality Control Board, 1515 Clay Street,
Suite 1400, Oakland, CA 94612, (sent via electronic mail to CMacaulou@waterboards.ca.gov)

Donna Drogos, (sent via electronic mail to donna.drogos@acgov.org)

Dilan Roe (Sent via electronic mail to dilan.roe@acgov.org)

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

Electronic File, GeoTracker

**CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM**

I. AGENCY INFORMATION

Date: August 8, 2013
Revised: February 24, 2014

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

II. CASE INFORMATION

Site Facility Name: Chevron #9-1583		
Site Facility Address: 5509 Martin Luther King Jr, Way, Oakland, CA 94609		
RB Case No.: 01-0379	Local Case No.: STID 2047	LOP Case No.: RO0000002
URF Filing Date: 1/25/1990	Geotracker ID: T0600100348	APN: 14-1198-4-2
Responsible Parties	Addresses	Phone Numbers
Ben and Patricia A. Shimek	PO Box 681 Ross, CA 94957	---
Peter Grassi Trust **	1804 N. Shoreline Blvd #140 Mountain View, CA 94043	---
Evelyn Schlichting c/o Ben Shimek	1475 2 nd Street, San Rafael, CA 94901-2754	---
Brian Waite Chevron Environmental Management Company	6101 Bollinger Canyon Rd. San Ramon, Ca 94583	(925) 790-6486

* The former address of the site was 5509 Martin Luther King Jr. Way.

** February 24, 2014 update to list of Responsible Parties.

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
----	1,000	Waste oil	Removed	4/17/1995
Piping			Assumed Removed with USTs	4/17/1995

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: An unknown leak event prior to December 1983 and was identified when wells MW-1 through MW-3 were installed. No documentation exists of this event. A product line or dispenser release was documented during piping upgrades in 1989. The waste oil tank appeared intact upon removal.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? Yes	Number: 8	Proper screened interval? Yes *
Highest GW Depth Below Ground Surface: 6.70 feet bgs	Lowest Depth: 14.23 feet bgs	Flow Direction: Northwest **
Most Sensitive Current Use: Potential drinking water source.		

* The screened intervals of wells MW-1 through MW-3 are not known; however, the contractor used a "typical" well design which suggests a proper screen interval was installed.

** Groundwater flow has varied between the southeast, the northeast, and the northwest since initiation of groundwater monitoring; however, from the first quarter 2004 to the present, groundwater flow has been directed toward the northwest.

Summary of Production Wells in Vicinity: Two water supply wells were identified within 2,225 feet of the site. The first is an industrial water supply well that is located cross-gradient at an approximate distance of 1,200 feet southwest of the site. The well (1S/4W 14L1) is reported to be screened between 42 and 88 feet bgs, and has a 20 foot sanitary seal. The second is a cathodic protection well that is located cross-gradient at an approximate distance of 2,225 feet southwest. The cathodic well is reported to be 8-inches in diameter and 120 feet in depth. Both do not appear to be receptors for the site due to the direction of groundwater flow and distance.	
Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: Glen Echo Creek, located approximately 7,400 feet southeast of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None identified.	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	1,000-gal	Disposal – Erickson, Inc; Richmond, CA	5/22/1995
Piping	Not Reported	Assumed Disposed Assumed Disposed with UST	12/14/1989 5/22/1995
Free Product	270 ml	Treatment – Chevron Terminal; Richmond, CA	11/1992 – 12/1992
Soil	80 yd ³	Disposal – BFI Waste System's Vasco Road Landfill; Livermore, CA	5/22/1995
Groundwater	None Reported	----	----

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
 (Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	1,700	1,700	14,000,000	61
TPH (Diesel)	75	75	955	955
TPH (Motor Oil)	Not Analyzed	Not Analyzed	4,400	1,100
TRPH	2,700	2,700	6,900 ⁵	6,900 ⁵
Benzene	0.7	0.7	12,000	< 0.5
Toluene	9.7	9.7	79,000	< 0.5
Ethylbenzene	14	14	270,000	< 0.5
Xylenes	180	180	1,300,000	< 0.5
Heavy Metals (Cd, Cr, Pb, Ni, Zn)	72 ¹	72 ¹	Not Analyzed	Not Analyzed
MTBE	0.006 ²	<0.0005 ³	3,900 ⁶	2 ⁷
Other (8010/8270)	<0.250 ⁴	<0.250 ⁴	Not Analyzed	Not Analyzed

1. Cd = 0.60 ppm; Cr = 46 ppm; Pb < 5.0 ppm; Ni = 61 ppm; Zn = 72 ppm
2. MTBE = 0.006 ppm; DIPE, ETBE, TAME, 1,2-DCA, and EDB < 0.001 ppm; TBA < 0.020
3. MTBE < 0.0005 ppm; DIPE, ETBE, TAME, 1,2-DCA, and EDB < 0.001 ppm; TBA < 0.021
4. PCE and TCE < 0.005; vinyl chloride < 0.010; naphthalene, fluorene, benzo(a)anthrocene <0.250
5. A single TRPH analysis was conducted. TPHmo analysis replaced TRPH analysis after July 1995 sampling.
6. MTBE = 3,900 ppb; DIPE, ETBE, TAME, EDC, EDB <0.5 ppb; TBA < 2; EtOH < 50 ppb
7. MTBE = 2 ppb; DIPE, ETBE, TMAE, EDC, and EDB < 0.5 ppb; TBA < 2 ppb; EtOH < 50 ppb

Site History and Description of Corrective Actions:

The site is currently a Super Stop service station that dispenses gasoline. The property has been occupied by a service station since approximately 1968 and was previously equipped with hydraulic hoists, an oil-water clarifier, and a waste oil underground storage tank (UST). Land use in the area is mixed commercial, residential, and transportation.

Seven shallow soil samples (A through F and SS-1) were collected from the site on December 14, 1989 during the removal and replacement of product piping. Contamination was detected in two soil samples (B and SS-1) up to 1,700 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPHg) and 0.14 ppm benzene.

Three groundwater monitoring wells (MW-1 through 3) were installed at the site in response to a suspected leak in 1983. Soil samples were not collected from the well borings, nor was there any groundwater samples collected. The depth to groundwater was measured in well MW-1, MW-2, and MW-3 as 10.35, 10.50 and, 11.58 feet below ground surface (bgs), respectively. On March 6, 1990, the well caps were replaced due to corrosion and possible leakage. On March 13, 1990 groundwater samples were collected from the three wells and up to 50,000 parts per billion (ppb) TPHg (MW-1) and 9,900 ppb benzene (MW-3) were detected.

On October 18, 1990, monitoring wells MW-4 to MW-6 were installed to a depth of 20 to 25 feet bgs. Soil samples were collected from the borings at depths of 10.5, 15.5, and/or 30.5 feet bgs. TPHg was the only constituent analyzed and was detected up to 190 ppm in the samples collected from boring MW-5. Groundwater samples were collected from the wells on October 31, 1990 and contained up to 100 ppb TPHg and 3 ppb xylenes.

Using the depth to groundwater measurements collected from three wells March 1990, the groundwater gradient had been estimated to be towards the south southwest. However, using depth to water measurements collected from five wells in November 1990, the groundwater gradient was determined to be towards the west northwest. Therefore, monitoring wells MW-5 and MW-6, thought to have been installed downgradient of the site were upgradient. Groundwater concentrations from MW-5 and MW-6 have predominately contained very low detections of petroleum hydrocarbons through time.

During the October 10, 1992 groundwater monitoring event, light non-aqueous phase liquid (LNAPL) was observed in well MW-3 at a measured thickness of 0.24 feet. A groundwater sample was collected and detected a concentration of 14,000,000 ppb TPH gasoline and 12,000 ppb benzene. A weekly bailing program was implemented between November and December 1992 to remove the observed LNAPL, during which time approximately 270 milliliters of LNAPL are reported to have been removed.

In February 1994, groundwater monitoring wells MW-7 and MW-8 were installed to a depth of 20 feet bgs. Two soil samples were collected from each boring. There were no detectable concentrations of petroleum hydrocarbons in the soil samples. Groundwater was first sampled from wells MW-7 and MW-8 on March 8, 1994 and up to 28,000 ppb TPHg and 2,900 ppb benzene were detected.

On April 17, 1995, one 1,000-gallon waste oil UST was removed from the western portion of site. The UST appeared to be in good repair upon removal; no holes were observed. Soil samples were collected from soil stockpiled and walls of the excavation at depths of 10.5 to 11 feet bgs. Groundwater was observed in the tank pit at 13 feet bgs. Analysis of the soil samples detected up to 75 ppm Total Petroleum Hydrocarbons as diesel (TPHd), 2,700 ppm Total Recoverable Petroleum Hydrocarbons (TRPH); no detectable concentrations of chlorinated solvents, naphthalene or other polynuclear aromatic hydrocarbons were detected in tank excavation bottom confirmation samples collected at a depth of 10.5 feet bgs.

On November 5, 1998, two single post semi-hydraulic hoists and one dual post hydraulic hoist with a oil-water clarifier were removed from within the station building. Soil samples were collected from beneath each hoist at a depth of approximately eight feet bgs. The soil samples contained no detectable concentrations of petroleum hydrocarbons.

On December 3, 1998, soil samples were collected beneath four unleaded gasoline fuel dispensers. The fiberglass secondary containment trenches were also inspected and appeared to be in good condition. Four soil samples were collected, one from beneath each dispenser, at a depth of 3.5 feet bgs. No detectable concentrations of petroleum hydrocarbons were found in the soil samples.

On January 3 and 4, 2007, five soil borings (B-1 through B-5) were advanced to depths of 11 to 13 feet bgs near the UST complex, dispenser islands, and former waste oil tank. Soil samples were collected from the borings at depths ranging from three to nine feet bgs. Grab groundwater samples were also collected from each boring except B-5 which meet refusal at five feet bgs. The only detectable petroleum hydrocarbons in the soil samples were toluene and MTBE, reported at concentrations up to 0.001 ppm and 0.0006 ppm, respectively. Analysis of grab groundwater samples detected up to 4,500 ppb TPHg and 5 ppb MTBE, with the highest detections in the groundwater sample collected from B-2.

On August 26, 2008, five soil vapor wells (VP-1 through VP-5) screened from 5 to 5.5 feet bgs were advanced throughout the western and central portion of the site. Soil samples were collected from the vapor well borings at a depth of three feet bgs. No petroleum hydrocarbons were detected in any of the soil samples. The vapor wells were first sampled for soil vapor on September 11, 2008. The vapor samples contained up to 330,000 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) TPHg; no concentrations of benzene or ethylbenzene were detected.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, closure of this site appears to be consistent with the policies established by the SWRCB Low-Threat Underground Storage Tank Closure Policy which became effective on August 17, 2012.		
<p>Site Management Requirements:</p> <p>This fuel leak case has been evaluated for closure consistent with the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). Based on this evaluation, no site management requirements appear to be necessary.</p>		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: ---
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 8
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: ---		

V. ADDITIONAL COMMENTS, DATA, ETC.

<p>Considerations and/or Variances:</p> <ul style="list-style-type: none"> • Groundwater has not been analyzed for non-petroleum VOCs and SVOCs, including naphthalene. Soil concentrations were non-detectable for both at <0.010 ppm. • 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. <p>The site meets the general criteria for case closure under the LTCP.</p> <p>The site appears to meet scenario 2 of the groundwater media-specific criteria for closure under the LTCP based on the following:</p> <ol style="list-style-type: none"> 1. The plume is stable or decreasing in size. 2. There is no free product. 3. The dissolved concentration of benzene is less than 3,000 ppb. 4. The dissolved concentration of MTBE is less than 1,000 ppb. 5. No water supply wells or surface water bodies are within 1,000 feet of the plume boundary. <p>Since the site is an active fueling station, on-site buildings are not required to meet the media-specific criteria for petroleum vapor intrusion to indoor air under the LTCP. The off-site buildings appear to meet scenario 3 or 4 of the media-specific criteria in the LTCP for petroleum vapor intrusion to indoor air (with a bioattenuation zone) for the following reasons:</p> <ol style="list-style-type: none"> 1. There is a continuous zone that provides a separation of at least 5 feet vertically between the dissolved phase and the foundation of existing off-site buildings. The concentration of oxygen is greater than 4% at a

depth of 5 fbs. Therefore, the site is considered to have a bioattenuation zone under the LTCP.


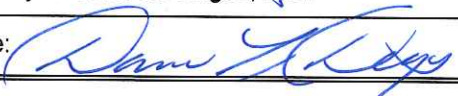
2. TPH appears to be less than 100 ppm within the upper five feet of soil.
3. The concentration of benzene in groundwater is less than 1,000 micrograms per liter ($\mu\text{g/L}$).
4. Soil vapor samples VP1 to VP-4 were placed along the western and northern property line of the subject site and no detectable concentrations of benzene or ethylbenzene were present in the vapor samples.
5. Because the release was primarily gasoline, naphthalene vapor concentrations are not expected to be of concern.

The site does not meet the media-specific criteria for direct contact and outdoor air exposure under the LTCP. The maximum concentrations of benzene and ethylbenzene detected in soil samples collected to date within the upper 10 feet are less than the media-specific criteria in Table 1 of the LTCP for direct contact and outdoor air exposure. Naphthalene and other polynuclear aromatic hydrocarbon contamination were analyzed at a depth of 10.5 feet bgs beneath the former water oil UST, but not in the vicinity of the gasoline USTs. Concentrations were below the values of Table 1 of the LTCP. Since the release at the site consisted primarily of gasoline, naphthalene concentrations are not likely to exceed the media-specific criteria in Table 1 of the LTCP elsewhere at the site.

Conclusion:

Alameda County Environmental Health staff believe that the site meets the conditions for case closure under the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy. Based upon the information available in our files to date, no further investigation or cleanup for the fuel leak case is necessary at this time.

VI. LOCAL AGENCY REPRESENTATIVE DATA

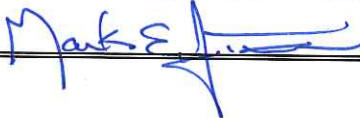
Prepared by: Mark Detterman, P.G., C.E.G.	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 8/8/2013
Approved by: Donna L. Drogos, R.E.	Title: Division Chief
Signature: 	Date: 08/08/2013

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.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date: May 17, 2013	

VIII. MONITORING WELL DECOMMISSIONING

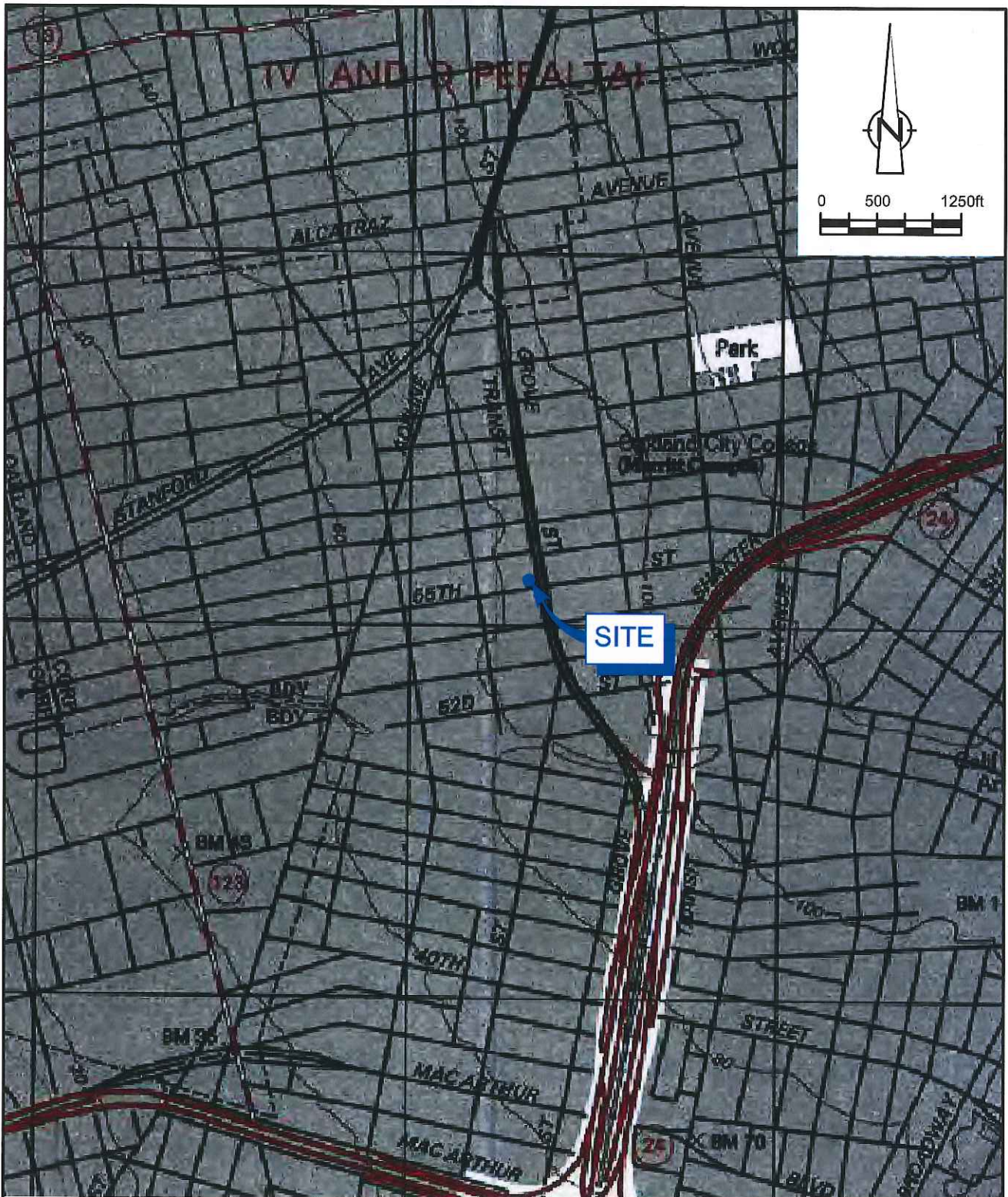
Date Requested by ACEH: 7/26/2013	Date of Well Decommissioning Report: 2/10/2014	
All Monitoring Wells Decommissioned: Yes No	Number Decommissioned: 13	Number Retained: 0
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: NA		
ACEH Concurrence - Signature: 		Date: 2/24/2014

Attachments:

1. Site Vicinity Map (2 pp)
3. Site Plans (7 pp)
3. Soil Analytical Data (11 pp)
4. Groundwater Analytical Data (25 pp)
5. Soil Vapor Data (1 pp)
6. Boring Logs (20 pp)
7. Cross Sections (4 pp)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

ATTACHMENT 1



SOURCE: TOPO! MAPS.

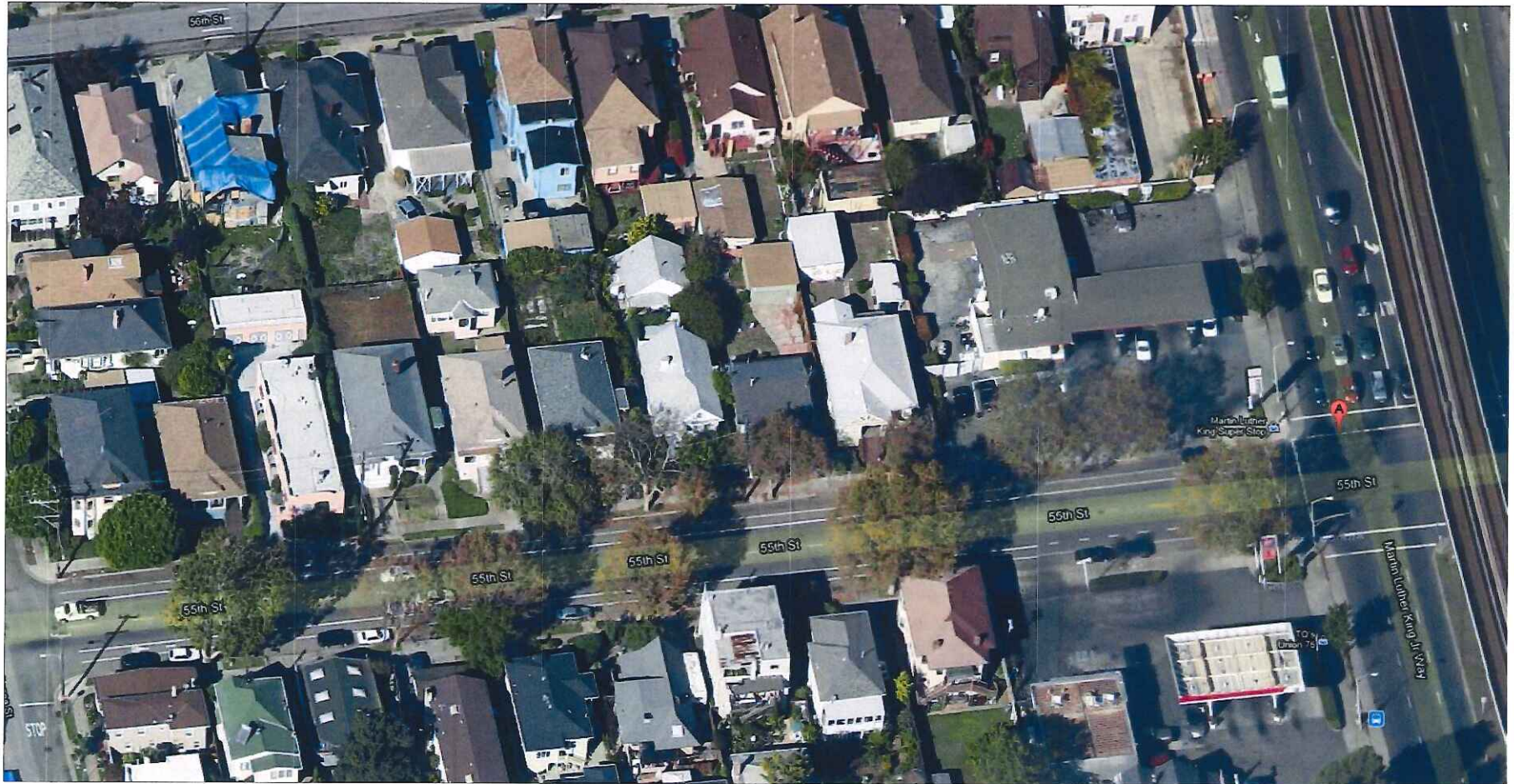
figure 1

VICINITY MAP
FORMER CHEVRON SERVICE STATION 9-1583
5509 MARTIN LUTHER KING JR. WAY
Oakland, California

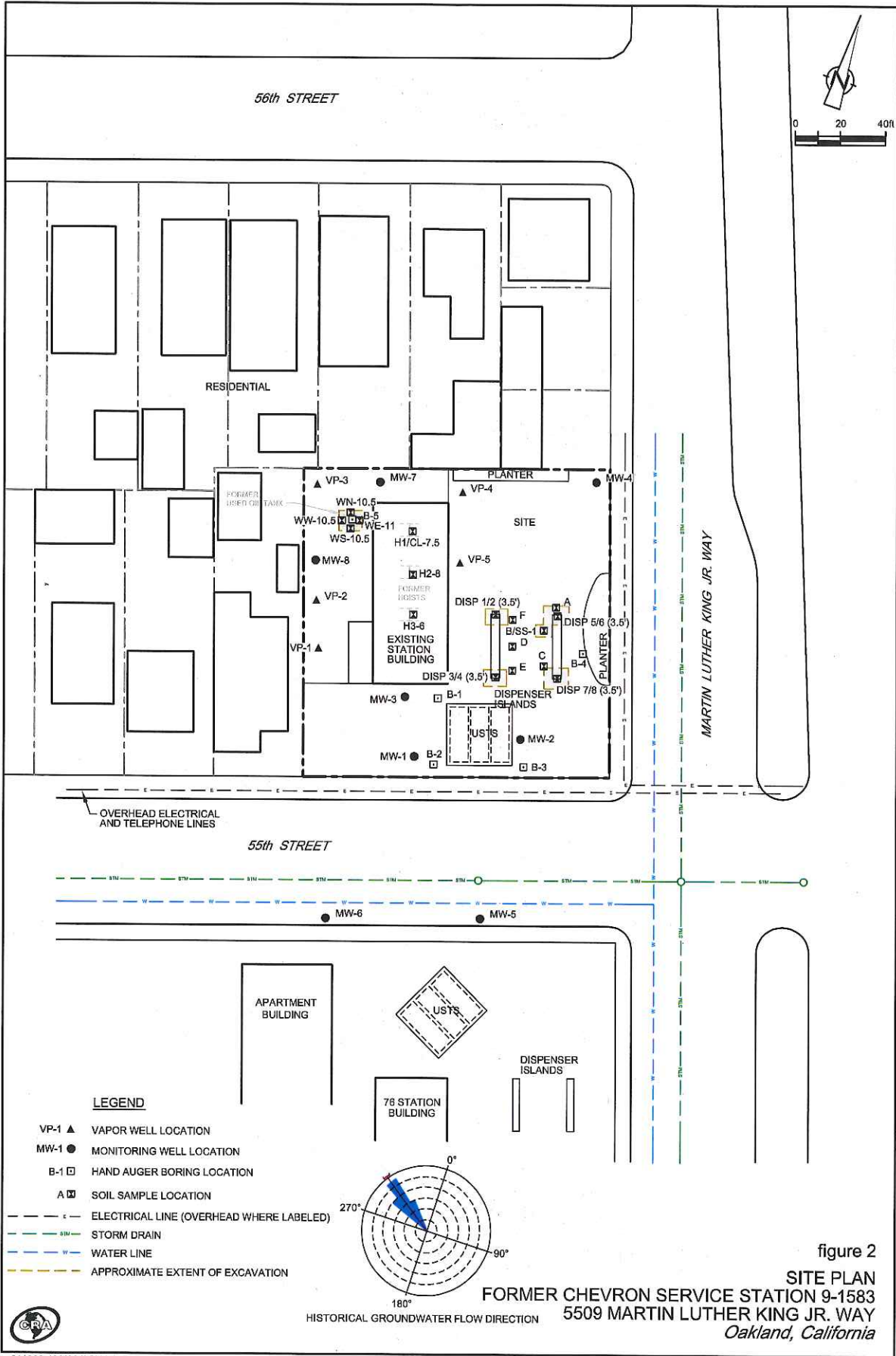


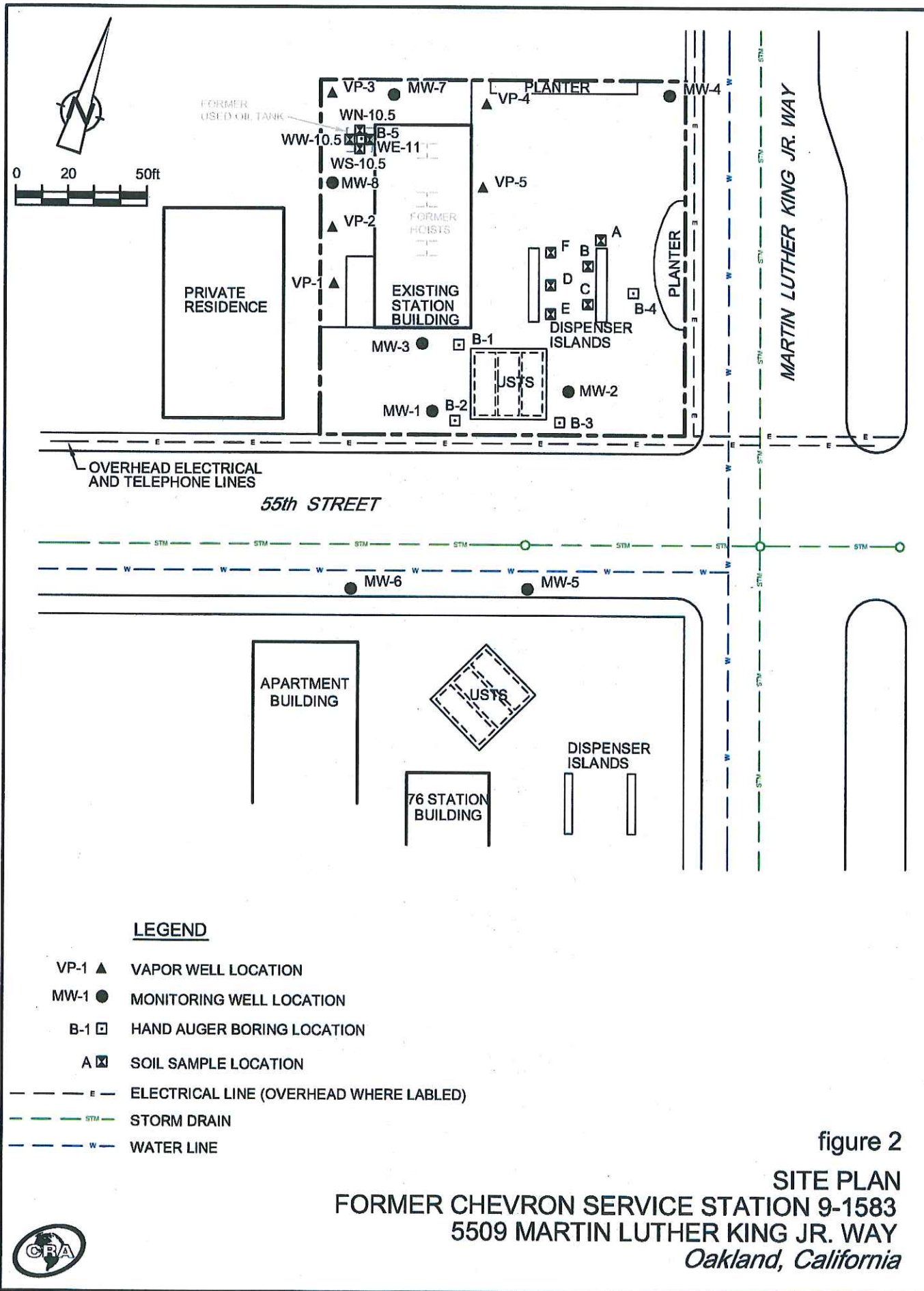


To see all the details that are visible on the screen, use the "Print" link next to the map.

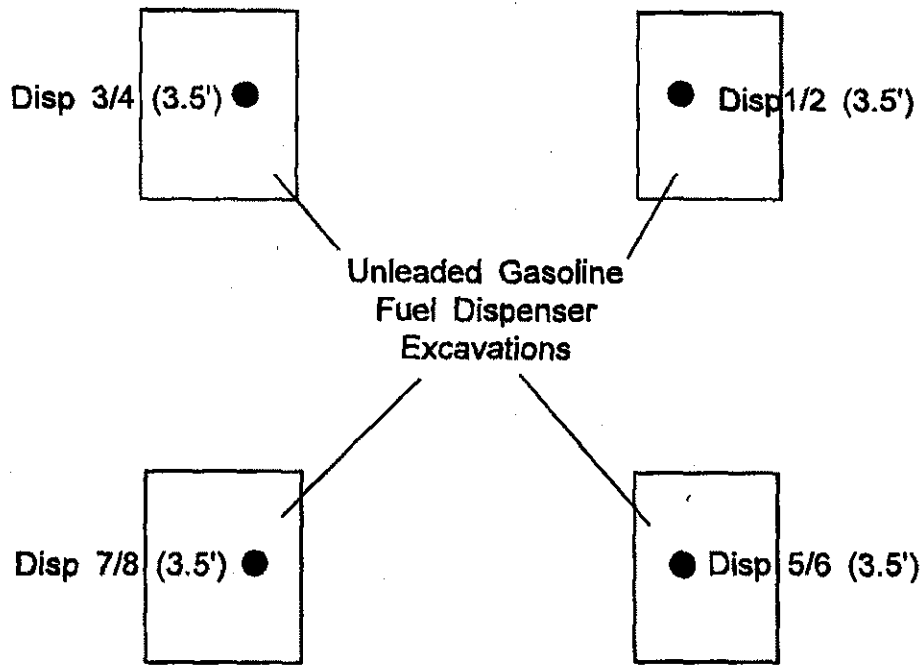
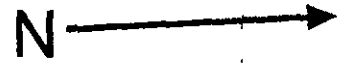


ATTACHMENT 2





Station Building



LEGEND

● Soil sample location (depth)

SCALE: 1" = 10'

Martin Luther King Blvd. at 55th Street

Chevron Service Station
5509 Martin Luther King
Oakland, California

Figure No:

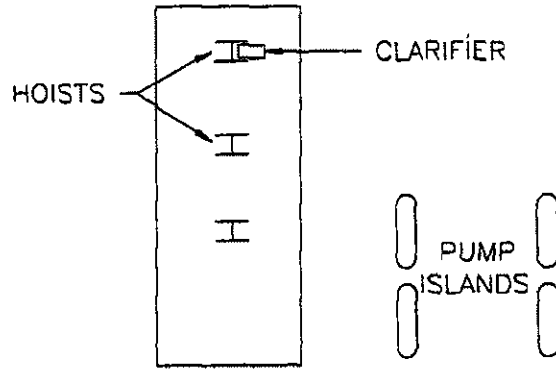
1

Date: 12/7/98

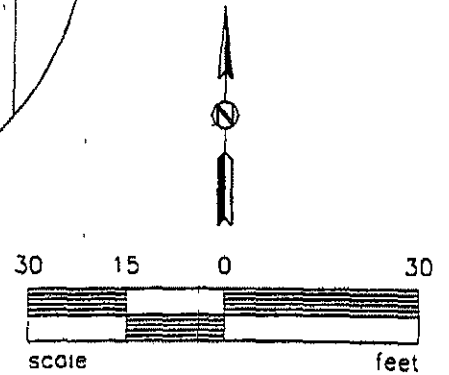
Drawn By: JG/Geo-Logic

Site Plan

Martin Lurthur King Jr. Way



55th Street



Source: RRM.



**Touchstone
Developments**
Environmental Management

Job No:
Appr:
Drwn: *ym*
Date: *01-12-09*

SITE PLAN
Chevron SS# 9-1583
5509 Martin Lurthur King Jr. Way
Oakland, California

FIGURE

1

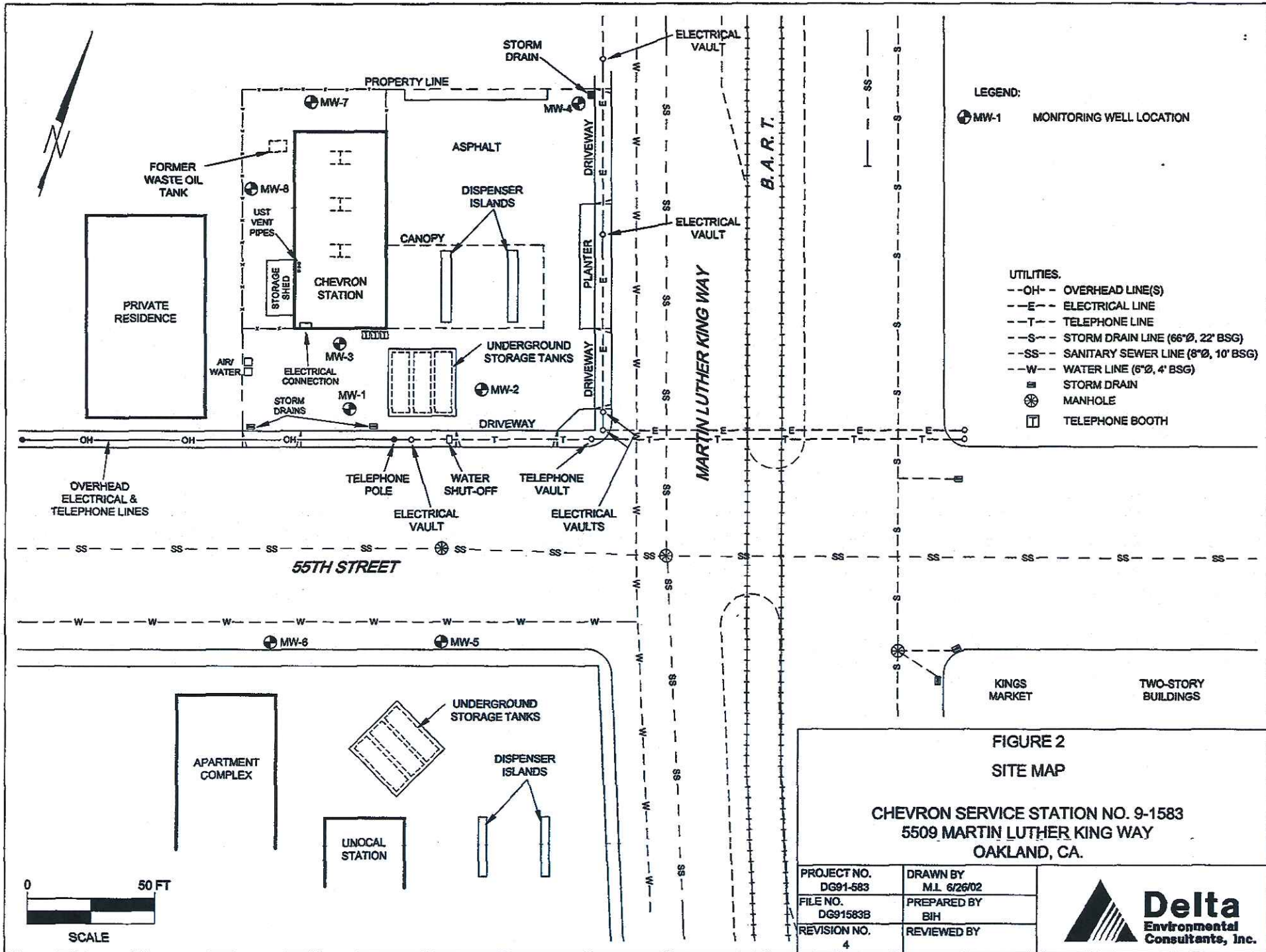
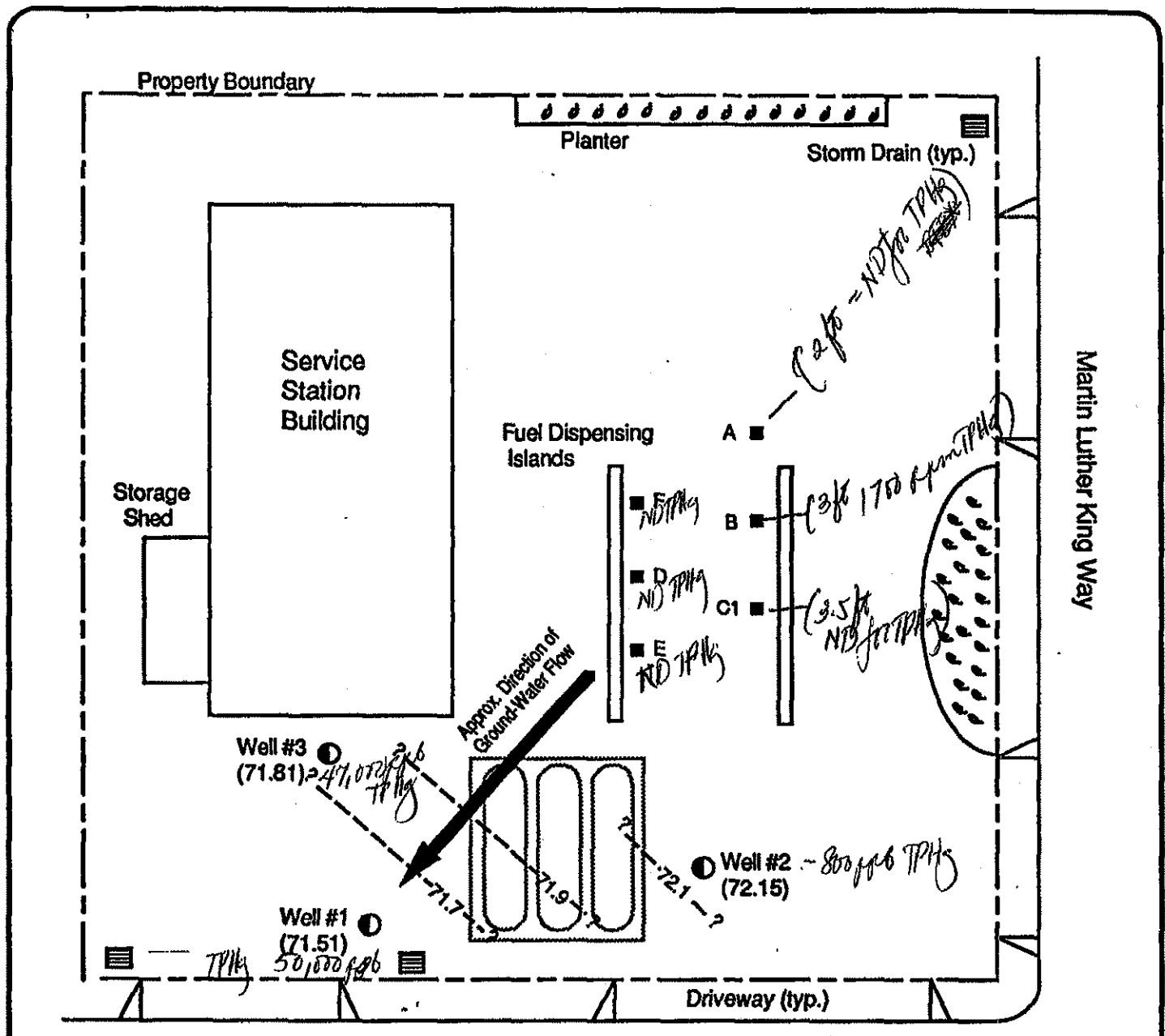


FIGURE 2
SITE MAP

CHEVRON SERVICE STATION NO. 9-1583
5509 MARTIN LUTHER KING WAY
OAKLAND, CA.

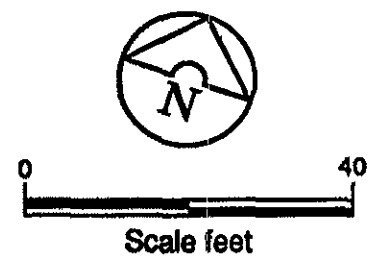
PROJECT NO. DG91-583	DRAWN BY M.L. 6/26/02
FILE NO. DG91583B	PREPARED BY BIH
REVISION NO. 4	REVIEWED BY





LEGEND

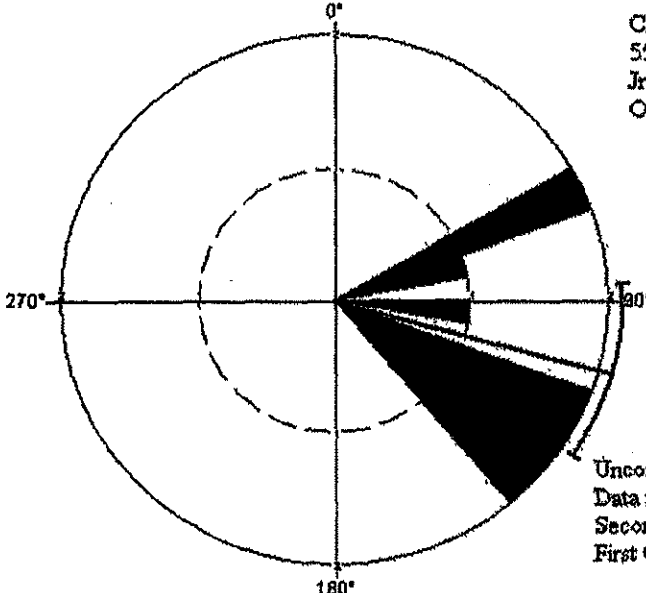
- A ■ Soil sample taken by Geotest (12/14/1989)
- Well #1 ● Ground-water monitoring well installed by Gettler-Ryan, Inc. (12/22/1983)
- (71.52) Ground-water elevation (feet-MSL); measured 3/25/1990
- - - 72.1 - - - Ground-water elevation contour (feet-MSL); Contour interval equals 0.2 feet

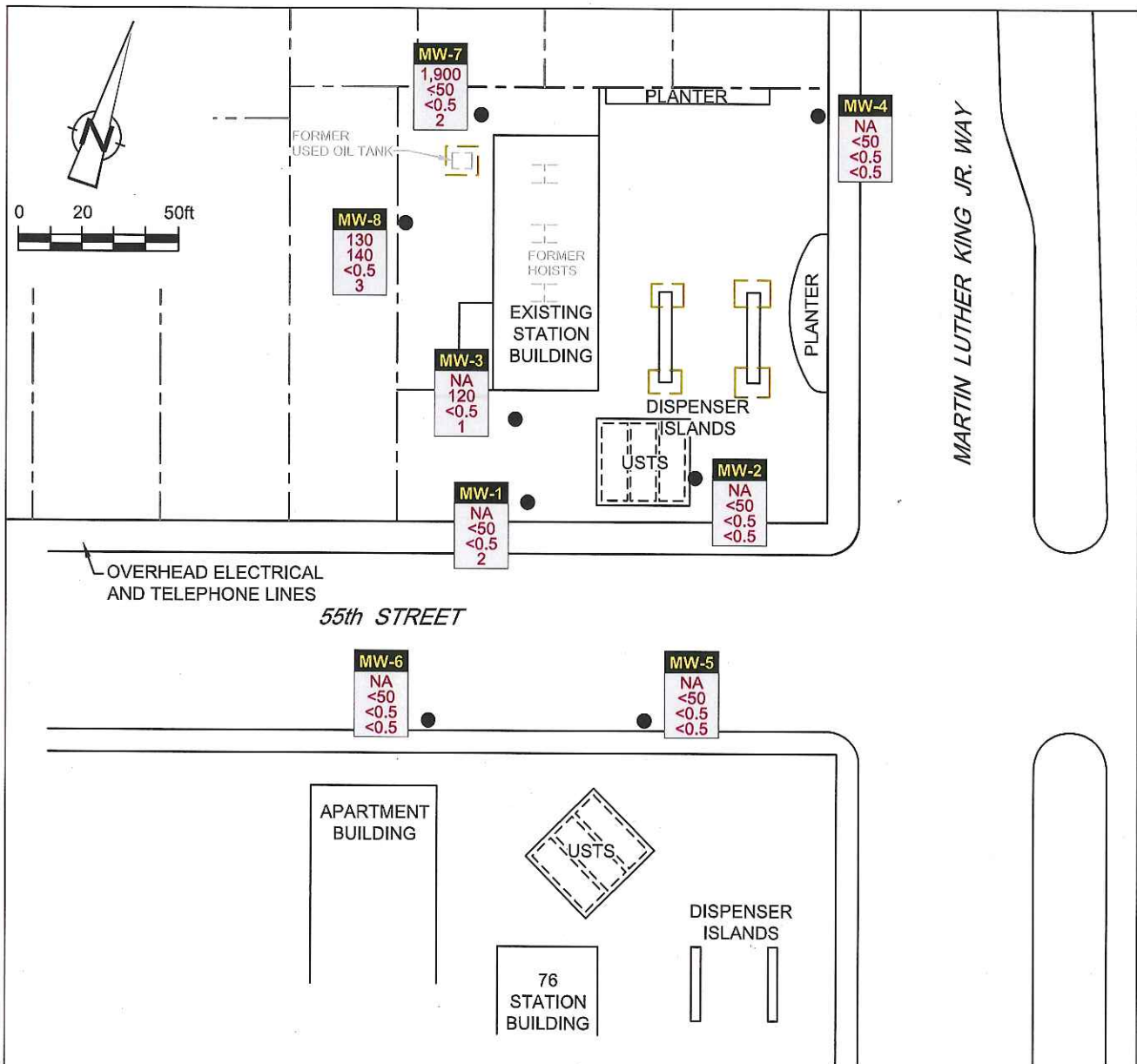


GERAGHTY & MILLER, INC.
Environmental Services
 Proj. No. RCO2601 March 30, 1990

SITE PLAN
CHEVRON STATION #9-1583
 5509 Martin Luther King Way
 Oakland, California

FIGURE
1

Item	Evaluation Criteria	Comments/Discussion
	Previous Investigations (cont.)	limits for TPHmo, TPHg, TPHd, BTEX and MTBE. Analytical results from samples collected during site excavation activities are included in Table 1. Locations of soil samples collected during site excavation activities are shown on Figure 3.
2.3	Stratigraphy and Hydrogeology	The soil in the vicinity of the site consists of Pleistocene beach and dune sand deposits consisting of loose, well sorted fine to medium sand. Based on site borings, subsurface lithology consists of sandy silt to clay extending between 8 and 10 fbg. Silty sand is underlying 10 fbg to total explored depth of 26.5 fbg. The nearest surface water is the San Francisco Bay. Based on historical monitoring data, the groundwater flow direction in the vicinity of the site fluctuates between southeast and northeast.
2.4	Groundwater Flow Direction, Depth Trends and Gradient	Groundwater monitoring has been performed at the site since December 1983. The site was last monitored and sampled on July 27, 2004. Historically, depth to groundwater has varied from 6.70 fbg to 14.23 fbg. The groundwater flow direction beneath the site is toward the southeast and northeast at a gradient of approximately 0.01 to 0.03. A copy of the most recent groundwater monitoring and sampling report is presented as Attachment C.
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <p>Chevron Station #9-1583 5509 Martin Luther King Jr. Way Oakland, California</p> <p>Uncontinuous Groundwater Data from Second Quarter 1996 through First Quarter 2004</p> </div> </div>		



LEGEND

● MONITORING WELL LOCATION

WELL
 TPHmo
 TPHg
 BENZ
 MTBE

WELL DESIGNATION
 TPHmo CONCENTRATION (µg/L)
 TPHg CONCENTRATION (µg/L)
 BENZENE CONCENTRATION (µg/L)
 MTBE CONCENTRATION (µg/L)

NA NOT ANALYZED

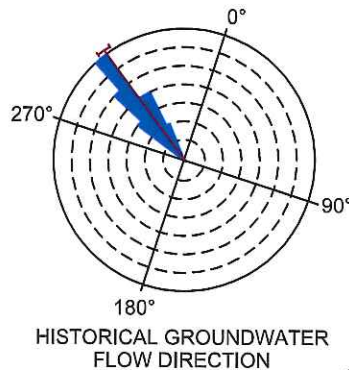


Figure 2
CONCENTRATION MAP
FORMER CHEVRON SERVICE STATION 91583
5509 MARTIN LUTHER KING JR. WAY
Oakland, California
January 10, 2012



TABLE 1
 SOIL SAMPLE ANALYTICAL RESULTS
 FORMER CHEVRON SERVICE STATION 9-1583
 5509 MARTIN LUTHER KING JR. WAY
 OAKLAND, CALIFORNIA

Sample/Boring ID	Sample Depth (ft)	Date Sampled	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TRPH	TPHf	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB	HVOCs	Semi-VOCs	Cadmium	Chromium	Lead	Nickel	Zinc
Concentrations reported in milligrams per kilogram (mg/kg)																								
Piping Upgrade Sampling																								
A	2	12/14/89	--	<10	<0.01	<0.01	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	3	12/14/89	--	1,700	0.14	9.7	14	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	3.5	12/14/89	--	<10	<0.01	<0.01	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D	4.5	12/14/89	--	<10	<0.01	<0.01	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E	4.5	12/14/89	--	<10	<0.01	<0.01	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F	3.5	12/14/89	--	<10	<0.01	<0.01	<0.05	<0.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SS-1	Unknown	12/15/89	--	670	0.7	1.2	0.96	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Monitoring Well Borings																								
MW-4	10.5	10/18/90	--	<10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	15.5	10/18/90	--	<10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	20.5	10/18/90	--	<10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10.5	10/18/90	--	190	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	15.5	10/18/90	--	<10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10.5	10/18/90	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5	2/22/94	--	<1	<0.005	<0.005	<0.005	<0.015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	15	2/22/94	--	<1	<0.005	<0.005	<0.005	<0.015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	10	2/22/94	--	<1	<0.005	<0.005	<0.005	<0.015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	15	2/22/94	--	<1	<0.005	<0.005	<0.005	<0.015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Used-Oil Tank Removal																								
WE-11	11.0	4/17/95	75	<1.0	<0.005	<0.005	<0.005	<0.005	--	770	--	--	--	--	--	--	--	ND	ND	0.6	45	<5.0	55	72
WW-10.5	10.5	4/17/95	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	--	220	--	--	--	--	--	--	--	ND	ND	0.53	46	<5.0	61	68
WN-10.5	10.5	4/17/95	--	--	--	--	--	--	--	2,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WS-10.5	10.5	4/17/95	--	--	--	--	--	--	--	76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hoist/Clarifier Removal																								
H/CLR-7.5	7.5	11/5/98	<5.0	<1.0	<0.005	<0.005	<0.005	<0.010	<0.025	<33.3	<10	--	--	--	--	--	--	ND	ND	<1.0	32.1	<7.5	40.8	44
H2-8	8	11/5/98	--	--	--	--	--	--	--	--	<10	--	--	--	--	--	--	--	--	--	--	--	--	--
H3-8	8	11/5/98	--	--	--	--	--	--	--	--	<10	--	--	--	--	--	--	--	--	--	--	--	--	--
Dispenser Upgrade Sampling																								
Disp 1/2 (3.5)	3.5	12/3/98	--	<0.1	<0.005	<0.005	<0.005	<0.005	<0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Disp 3/4 (3.5)	3.5	12/3/98	--	<0.1	<0.005	<0.005	<0.005	<0.005	<0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Disp 5/6 (3.5)	3.5	12/3/98	--	<0.1	<0.005	<0.005	<0.005	<0.005	<0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Disp 7/8 (3.5)	3.5	12/3/98	--	<0.1	<0.005	<0.005	<0.005	<0.005	<0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Exploratory Borings																								
B-1	3	1/4/07	--	<1.0	<0.0005	0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--
	6	1/4/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--
	9	1/4/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0006	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--

ATTACHMENT 3

TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION 9-1583
5509 MARTIN LUTHER KING JR. WAY
OAKLAND, CALIFORNIA

Sample/Boring ID	Sample Depth (ftg)	Date Sampled	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TRPH	TPHhf	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB	HVOCs	Semi-VOCs	Cadmium	Chromium	Lead	Nickel	Zinc	
Concentrations reported in milligrams per kilogram (mg/kg)																									
B-2	3	1/4/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
	6	1/4/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
	9	1/4/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--
B-3	3	1/3/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
	6	1/3/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
	9	1/3/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
B-4	3	1/3/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
	6	1/3/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
	8	1/3/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
B-5	3	1/4/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
	5	1/4/07	--	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	<0.001	<0.001	<0.001	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
Soil Vapor Well Borings																									
VP-1	3	8/26/08	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
VP-2	3	8/26/08	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
VP-3	3	8/26/08	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	<0.021	<0.001	<0.001	--	--	--	--	--	--	--	--
VP-4	3	8/26/08	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--
VP-5	3	8/26/08	<4.0	<1.0	<0.0005	<0.001	<0.001	<0.001	<0.0005	--	--	--	--	--	<0.020	<0.001	<0.001	--	--	--	--	--	--	--	--

Abbreviations/Notes:

ftg = feet below grade

mg/kg = milligrams per kilogram

TPHd and TPHg = Total petroleum hydrocarbons as diesel and gasoline, respectively

MTBE = Methyl tertiary butyl ether

TRPH = Total recoverable petroleum hydrocarbons

TPHhf = Total petroleum hydrocarbons as hydraulic fluid

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

HVOCs = Halogenated volatile organic compounds

Semi-VOCs = Semi-volatile organic compounds

<x = Indicates constituent not detected at or above the stated laboratory reporting limit

-- = Not analyzed

ND = Not detected; reporting limits vary

Note: shaded samples were collected from soil that was later excavated



**Sequoia
Analytical**

680 Chesapeake Drive Redwood City, CA 94063 (415) 364-9600 FAX (415) 364-9233
 404 N. Wiget Lane Walnut Creek, CA 94598 (510) 988-9600 FAX (510) 988-9673
 819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

Touchstone Development	Client Proj. ID: 1583-1, Chevron 9-1583	Sampled: 04/17/95
P.O. Box 2554	Sample Descript: WE-11'	Received: 04/19/95
Santa Rosa, CA 95405	Matrix: SOLID	
Attention: Jeff Monroe	Analysis Method: EPA 8010	Analyzed: 04/27/95
	Lab Number: 9504C98-01	Reported: 05/03/95

QC Batch Number: GC0427958010EXA
 Instrument ID: GCHP9

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon Tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Surrogates	Control Limits %	% Recovery
1-Chloro-2-fluorobenzene	60 130	63

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager





Touchstone Development P.O. Box 2554 Santa Rosa, CA 95405	Client Proj. ID: 1583-1, Chevron 9-1583 Sample Descript: WE-11' Matrix: SOLID Analysis Method: EPA 8270 Lab Number: 9504C98-01	Sampled: 04/17/95 Received: 04/19/95 Extracted: 04/21/95 Analyzed: 04/24/95 Reported: 05/03/95
Attention: Jeff Monroe		
QC Batch Number: MS0419958270EXA		
Instrument ID: H5		

Semivolatile Organics (EPA 8270)

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





Sequoia Analytical

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 404 N. Wiget Lane Walnut Creek, CA 94598 (510) 988-9600 FAX (510) 988-9673
 819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

Touchstone Development	Client Proj. ID: 1583-1, Chevron 9-1583	Sampled: 04/17/95
P.O. Box 2554	Sample Descript: WE-11'	Received: 04/19/95
Santa Rosa, CA 95405	Matrix: SOLID	Extracted: 04/21/95
Attention: Jeff Monroe	Analysis Method: EPA 8270	Analyzed: 04/24/95
	Lab Number: 9504C98-01	Reported: 05/03/95

QC Batch Number: MS0419958270EXA
 Instrument ID: H5

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

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	73
Phenol-d5	24	113	86
Nitrobenzene-d5	23	120	77
2-Fluorobiphenyl	30	115	80
2,4,6-Tribromophenol	19	122	63
p-Terphenyl-d14	18	137	67

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
 Project Manager





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834

(415) 364-9600
(510) 988-9600
(916) 921-9600

FAX (415) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

Touchstone Development
P.O. Box 2554
Santa Rosa, CA 95405

Client Proj. ID: 1583-1, Chevron 9-1583
Sample Descript: WW-10.5'
Matrix: SOLID
Analysis Method: EPA 8010
Lab Number: 9504C98-02

Sampled: 04/17/95
Received: 04/19/95
Analyzed: 04/27/95
Reported: 05/03/95

QC Batch Number: GC0427958010EXA
Instrument ID: GCHP9

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon Tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Surrogates

1-Chloro-2-fluorobenzene

Control Limits %

60 130

% Recovery

68

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager





Touchstone Development P.O. Box 2554 Santa Rosa, CA 95405	Client Proj. ID: 1583-1, Chevron 9-1583 Sample Descript: WW-10.5' Matrix: SOLID Analysis Method: EPA 8270 Lab Number: 9504C98-02	Sampled: 04/17/95 Received: 04/19/95 Analyzed: 04/24/95 Reported: 05/03/95
Attention: Jeff Monroe		
QC Batch Number: MS0419958270EXA		
Instrument ID: H5		

Semivolatile Organics (EPA 8270)

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





Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834

(415) 364-9600
(510) 988-9600
(916) 921-9600

FAX (415) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

Touchstone Development
P.O. Box 2554
Santa Rosa, CA 95405

Client Proj. ID: 1583-1, Chevron 9-1583
Sample Descript: WW-10.5'
Matrix: SOLID
Analysis Method: EPA 8270
Lab Number: 9504C98-02

Sampled: 04/17/95
Received: 04/19/95
Analyzed: 04/24/95
Reported: 05/03/95

Attention: Jeff Monroe

QC Batch Number: MS0419958270EXA
Instrument ID: H5

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

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	67
Phenol-d5	24	113	80
Nitrobenzene-d5	23	120	71
2-Fluorobiphenyl	30	115	74
2,4,6-Tribromophenol	19	122	58
p-Terphenyl-d14	18	137	72

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager





Sequoia Analytical

680 Chesapeake Drive Redwood City, CA 94063 (415) 364-9600 FAX (415) 364-9233
 404 N. Wiget Lane Walnut Creek, CA 94598 (510) 988-9600 FAX (510) 988-9673
 819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

Touchstone Development
 P.O. Box 2554
 Santa Rosa, CA 95405

Client Proj. ID: 1583-1, Chevron 9-1583
 Sample Descript: SP-1 (A-D)
 Matrix: SOLID
 Analysis Method: EPA 8010
 Lab Number: 9504C98-05

Sampled: 04/17/95
 Received: 04/19/95
 Analyzed: 04/28/95
 Reported: 05/03/95

Attention: Jeff Monroe

QC Batch Number: GC0427958010EXA
 Instrument ID: GCHP9

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	10	N.D.
Carbon Tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	10	N.D.

Surrogates
 1-Chloro-2-fluorobenzene

Control Limits %
 60 130

% Recovery
 68

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
 Project Manager





Touchstone Development
P.O. Box 2554
Santa Rosa, CA 95405

Client Proj. ID: 1583-1, Chevron 9-1583
Sample Descript: SP-1 (A-D)
Matrix: SOLID
Analysis Method: EPA 8270
Lab Number: 9504C98-05

Sampled: 04/17/95
Received: 04/19/95
Extracted: 04/21/95
Analyzed: 04/25/95
Reported: 05/03/95

Attention: Jeff Monroe

QC Batch Number: MS0419958270EXA
Instrument ID: H5

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
Acenaphthene	2500	N.D.
Acenaphthylene	2500	N.D.
Anthracene	2500	N.D.
Benzoic Acid	5000	N.D.
Benzo(a)anthracene	2500	N.D.
Benzo(b)fluoranthene	2500	N.D.
Benzo(k)fluoranthene	2500	N.D.
Benzo(g,h,i)perylene	2500	N.D.
Benzo(a)pyrene	2500	N.D.
Benzo(l)anthracene	2500	N.D.
Bis(2-chloroethoxy)methane	2500	N.D.
Bis(2-chloroethyl)ether	2500	N.D.
Bis(2-chloroisopropyl)ether	2500	N.D.
Bis(2-ethylhexyl)phthalate	5000	N.D.
4-Bromophenyl phenyl ether	2500	N.D.
Butyl benzyl phthalate	2500	N.D.
4-Chloroaniline	5000	N.D.
2-Chloronaphthalene	2500	N.D.
4-Chloro-3-methylphenol	2500	N.D.
2-Chlorophenol	2500	N.D.
4-Chlorophenyl phenyl ether	2500	N.D.
Chrysene	2500	N.D.
Dibenzo(a,h)anthracene	2500	N.D.
Dibenzofuran	2500	N.D.
Di-n-butyl phthalate	5000	N.D.
1,2-Dichlorobenzene	2500	N.D.
1,3-Dichlorobenzene	2500	N.D.
1,4-Dichlorobenzene	2500	N.D.
3,3-Dichlorobenzidine	5000	N.D.
2,4-Dichlorophenol	2500	N.D.
Diethyl phthalate	2500	N.D.
2,4-Dimethylphenol	2500	N.D.
Dimethyl phthalate	2500	N.D.
4,6-Dinitro-2-methylphenol	5000	N.D.
2,4-Dinitrophenol	5000	N.D.





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

Touchstone Development P.O. Box 2554 Santa Rosa, CA 95405	Client Proj. ID: 1583-1, Chevron 9-1583 Sample Descript: SP-1 (A-D) Matrix: SOLID Analysis Method: EPA 8270 Lab Number: 9504C98-05	Sampled: 04/17/95 Received: 04/19/95 Extracted: 04/21/95 Analyzed: 04/25/95 Reported: 05/03/95
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QC Batch Number: MS0419958270EXA
Instrument ID: H5

Analyte	Detection Limit ug/Kg	Sample Results ug/Kg
2,4-Dinitrotoluene	2500	N.D.
2,6-Dinitrotoluene	2500	N.D.
Di-n-octyl phthalate	2500	N.D.
Fluoranthene	2500	N.D.
Fluorene	2500	N.D.
Hexachlorobenzene	2500	N.D.
Hexachlorobutadiene	2500	N.D.
Hexachlorocyclopentadiene	5000	N.D.
Hexachloroethane	2500	N.D.
Indeno(1,2,3-cd)pyrene	2500	N.D.
isophorone	2500	N.D.
2-Methylnaphthalene	2500	N.D.
2-Methylphenol	2500	N.D.
4-Methylphenol	2500	N.D.
Naphthalene	2500	N.D.
2-Nitroaniline	5000	N.D.
3-Nitroaniline	5000	N.D.
4-Nitroaniline	5000	N.D.
Nitrobenzene	2500	N.D.
2-Nitrophenol	2500	N.D.
4-Nitrophenol	5000	N.D.
N-Nitrosodiphenylamine	2500	N.D.
N-Nitroso-di-n-propylamine	2500	N.D.
Pentachlorophenol	5000	N.D.
Phenanthrene	2500	N.D.
Phenol	2500	N.D.
Pyrene	2500	N.D.
1,2,4-Trichlorobenzene	2500	N.D.
2,4,5-Trichlorophenol	5000	N.D.
2,4,6-Trichlorophenol	2500	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	25	121	84
Phenol-d5	24	113	100
Nitrobenzene-d5	23	120	82
2-Fluorobiphenyl	30	115	91
2,4,6-Tribromophenol	19	122	52
p-Terphenyl-d14	18	137	69

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

SEQUOIA ANALYTICAL - ELAP #1210

Vickie Tague Clark
Project Manager



ATTACHMENT 4

TABLE 2

**GRAB-GROUNDWATER SAMPLE ANALYTICAL RESULTS
FORMER CHEVRON 9-1583
5509 MARTIN LUTHER KING JR. WAY
OAKLAND, CALIFORNIA**

<i>Boring ID</i>	<i>Date Sampled</i>	<i>TPHg</i>	<i>Benzene</i>	<i>Toluene</i>	<i>Ethyl-benzene</i>	<i>Xylenes</i>	<i>MTBE</i>	<i>DIPE</i>	<i>ETBE</i>	<i>TAME</i>	<i>TBA</i>	<i>1,2-DCA</i>	<i>EDB</i>
Concentrations reported in micrograms per liter (µg/L)													
B-1	1/4/07	2,600	<0.5	<0.5	0.9	<0.5	2	<0.5	<0.5	<0.5	<2	<0.5	<0.5
B-2	1/4/07	4,500	<0.5	<0.5	<0.5	<0.5	5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
B-3	1/3/07	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<0.5
B-4	1/3/07	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<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 limits

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msf)	DTW (ft.)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOC (µg/L)
MW-1													
12/22/83	81.97	71.72	10.25	--	--	--	--	--	--	--	--	--	--
12/30/83	81.97	72.80	9.17	--	--	--	--	--	--	--	--	--	--
03/12/90	81.97	71.89	10.08	--	--	--	50,000	3,000	7,300	1,900	18,000	--	--
03/25/90	82.42	71.51	10.46	--	--	--	--	--	--	--	--	--	--
10/18/90	82.42	--	--	--	--	--	--	--	--	--	--	--	--
10/31/90	82.42	--	--	--	--	--	--	--	--	--	--	--	--
11/16/90	82.42	70.84	11.58	--	--	--	--	--	--	--	--	--	--
02/08/91	82.42	72.31	10.11	--	--	--	100,000	4,200	8,400	16,000	2,600	--	--
05/08/91	82.42	71.97	10.45	--	--	--	31,000	200	66	670	2,000	--	--
08/12/91	82.42	71.19	11.23	--	--	--	17,000	81	7.2	270	710	--	--
11/07/91	82.42	71.72	10.70	--	--	--	7,100	24	6.0	130	170	--	--
02/05/92	82.42	72.05	10.37	--	--	--	110,000	8,900	14,000	2,700	12,000	--	--
05/13/92	82.42	71.84	10.58	--	--	--	19,000	450	85	480	870	--	--
07/17/92	82.42	71.37	11.05	--	--	--	8,500	170	<10	360	600	--	--
10/05/92	82.42	71.01	11.41	--	--	--	22,000	4,300	5,100	570	2,900	--	--
11/11/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	82.42	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	82.42	74.31	8.11	--	--	--	14,000,000	12,000	79,000	270,000	1,300,000	--	--
02/02/93	82.42	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	82.42	72.57	9.85	--	--	--	48,000	670	1,100	1,600	6,300	--	--
08/06/93	82.42	71.59	10.83	--	--	--	44,000	660	990	1,600	6,100	--	--
10/21/93	82.42	71.52	10.90	--	--	--	18,000	270	460	1,300	4,700	--	--
01/05/94	82.42	72.09	10.33	--	--	--	22,000	160	160	630	2,300	--	--
04/08/94	82.42	72.24	10.18	--	--	--	21,000	37	110	570	1,400	--	--
07/06/94	82.42	71.78	10.64	--	--	--	28,000	210	100	540	1,200	--	--
08/04/94	82.42	71.91	10.51	--	--	--	--	--	--	--	--	--	--
10/05/94	82.42	71.51	10.91	--	--	--	120,000	39	22	320	900	--	--
01/18/95	82.42	73.80	8.62	--	--	--	12,000	<20	<20	130	160	--	--
04/07/95	82.42	72.89	9.53	--	--	--	2,500	<2.5	<2.5	71	38	--	--
07/06/95	82.42	72.03	10.39	--	--	--	5,700	<0.5	<0.5	110	110	--	--
10/11/95	82.42	70.54	11.88	--	--	--	2,700	13	<5.0	13	5.7	650	--
01/17/96	82.42	73.14	9.28	--	--	--	4,200	12	<5.0	43	24	300	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft)	GWE (mab)	DTW (ft)	SPHT (ft)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-1 (cont)													
04/05/96	82.42	72.82	9.60	--	--	--	1,300	<1.2	<1.2	7.6	2.8	220	--
07/23/96	82.42	72.19	10.23	--	--	--	700	<1.0	<1.0	7.0	4.8	240	--
10/02/96	82.42	71.67	10.75	--	--	--	1,700	<2.5	9.8	10	13	610	--
01/23/97	82.42	74.75	7.67	--	--	--	1,300	21	<10	<10	<10	2,700	--
04/01/97	82.42	72.22	10.20	--	--	--	670	<2.0	<2.0	4.1	3.6	1,200	--
07/09/97	82.42	72.12	10.30	--	--	--	460	<1.0	<1.0	<1.0	<1.0	440	--
10/07/97	82.42	71.73	10.69	--	--	--	1,100	8.5	<2.0	<2.0	2.0	250	--
01/22/98	82.42	74.20	8.22	--	--	--	460	1.4	5.8	<0.5	<0.5	150	--
04/02/98	82.42	72.89	9.53	--	--	--	220	2.5	1.2	<1.0	1.9	260	--
07/02/98	82.42	72.08	10.34	--	--	--	270	<0.5	0.82	<0.5	<0.5	140	--
10/02/98	82.42	71.70	10.72	--	--	--	170	1.3	<0.5	<0.5	<1.5	320	--
01/18/99	82.42	72.87	9.55	--	--	--	416	<2.5	<2.5	<2.5	<2.5	316/295 ²	--
07/22/99	82.42	71.61	10.81	--	--	--	186	<0.5	3.94	1.46	2.37	63.7	--
01/17/00	82.42	72.21	10.21	--	--	--	248	1.6	<0.5	<0.5	<0.5	41.0	--
07/05/00	82.42	72.12	10.30	0.00	--	--	76 ³	<0.50	<0.50	<0.50	0.79	69	--
01/15/01	82.42	73.01	9.41	0.00	--	--	66.6	<0.500	<0.500	<0.500	0.585	22.5	--
07/03/01	82.42	72.13	10.29	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	8.8	--
02/28/02	82.42	72.74	9.68	0.00	--	--	58	<0.50	<0.50	<0.50	<1.5	21	--
07/08/02	82.42	72.14	10.28	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	23	--
01/01/03	82.42	74.28	8.14	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	15	--
07/14/03 ⁸	82.42	72.12	10.30	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	5	--
01/12/04 ⁸	82.42	73.40	9.02	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	61	--
07/27/04 ⁸	82.42	72.10	10.32	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	54	--
01/25/05 ⁸	82.42	74.24	8.18	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	5	--
07/26/05 ⁸	82.42	72.40	10.02	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	25	--
01/24/06 ⁸	82.42	74.22	8.20	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	25	--
07/25/06 ⁸	82.42	72.30	10.12	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	14	--
01/23/07 ⁸	82.42	72.57	9.85	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	17	--
07/24/07 ⁸	82.42	70.59	11.83	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	7	--
01/22/08 ⁸	82.42	73.12	9.30	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	8	--
07/22/08 ⁸	82.42	71.69	10.73	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/13/09 ⁸	82.42	72.41	10.01	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	--
07/14/09	82.42	71.52	10.90	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--	--	--
01/12/10 ⁸	85.41	76.70	8.71	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	15	--
07/13/10	85.41	75.09	10.32	0.00	SAMPLED ANNUALLY	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft)	GWE (msf)	DTW (ft)	SPHT (ft)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-1 (cont)													
01/25/11 ^B	85.41	77.03	8.38	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	5	--
07/12/11	85.41	75.86	9.55	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
01/10/12 ^B	85.41	75.49	9.92	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	--
09/14/12	85.41	75.42	9.99	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
MW-2													
12/22/83	83.48	72.98	10.50	--	--	--	--	--	--	--	--	--	--
12/30/83	83.48	73.56	9.92	--	--	--	--	--	--	--	--	--	--
03/12/90	83.48	72.46	11.02	--	--	--	800	400	22	18	55	--	--
03/25/90	83.48	72.15	11.33	--	--	--	--	--	--	--	--	--	--
10/18/90	83.48	71.17	12.31	--	--	--	--	--	--	--	--	--	--
10/31/90	83.48	--	--	--	--	--	--	--	--	--	--	--	--
11/16/90	83.48	--	--	--	--	--	--	--	--	--	--	--	--
02/08/91	83.48	72.43	11.05	--	--	--	4,600	820	440	720	210	--	--
05/08/91	83.48	72.12	11.36	--	--	--	<50	5.0	<0.5	<0.5	<0.5	--	--
08/12/91	83.48	71.51	11.97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/07/91	83.48	71.98	11.50	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/05/92	83.48	72.29	11.19	--	--	--	1,700	390	170	60	200	--	--
05/13/92	83.48	71.99	11.49	--	--	--	74	9.3	<0.5	<0.5	<0.5	--	--
07/17/92	83.48	71.63	11.85	--	--	--	<50	2.0	<0.5	<0.5	<0.5	--	--
10/05/92	83.48	71.48	12.00	--	--	--	3,500	1,200	530	86	220	--	--
11/11/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	83.48	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	83.48	74.65	8.83	--	--	--	390	140	0.8	7.7	26	--	--
02/02/93	83.48	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	83.48	72.69	10.79	--	--	--	<50	5.0	<0.5	<0.5	<0.5	--	--
08/06/93	83.48	71.77	11.71	--	--	--	<50	1.0	<0.5	<0.5	<0.5	--	--
10/21/93	83.48	71.74	11.74	--	--	--	<50	1.0	<0.5	9.0	<0.5	--	--
01/05/94	83.48	72.30	11.18	--	--	--	<50	0.7	<0.5	<0.5	0.9	--	--
04/08/94	83.48	72.42	11.06	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/94	83.48	71.80	11.68	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWL (msf)	DTW (ft.)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TDC (µg/L)
MW-2 (cont)													
08/04/94	83.48	72.29	11.19	--	--	--	--	--	--	--	--	--	--
10/05/94	83.48	71.79	11.69	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/18/95	83.48	74.26	9.22	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/95	83.48	73.62	9.86	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/95	83.48	72.74	10.74	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/11/95	83.48	72.26	11.22	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/17/96	83.48	73.74	9.74	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/05/96	83.48	73.52	9.96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/96	83.48	72.57	10.91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/96	83.48	72.41	11.07	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/23/97	83.48	75.18	8.30	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	3.4	--
04/01/97	83.48	72.90	10.58	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	83.48	72.58	10.90	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/07/97	83.48	72.52	10.96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/98	83.48	74.73	8.75	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/98	83.48	73.66	9.82	--	--	--	89	3.0	5.4	4.1	21	<2.5	--
07/02/98	83.48	72.74	10.74	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/98	83.48	72.43	11.05	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
01/18/99	83.48	73.09	10.39	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
07/22/99	83.48	72.61	10.87	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
01/17/00	83.48	72.89	10.59	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/05/00	83.48	72.84	10.64	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
01/15/01	83.48	73.77	9.71	0.00	--	--	555 ⁶	<0.500	<0.500	<0.500	<0.500	<2.50	--
07/03/01	83.48	73.02	10.46	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
02/28/02	83.48	73.49	9.99	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
07/08/02	83.48	72.98	10.50	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
01/01/03	83.48	75.33	8.15	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
07/14/03 ⁸	83.48	72.96	10.52	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/12/04 ⁸	83.48	74.31	9.17	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/27/04 ⁸	83.48	72.85	10.63	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/25/05 ⁸	83.48	74.36	9.12	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/26/05 ⁸	83.48	73.56	9.92	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/24/06 ⁸	83.48	74.33	9.15	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/25/06 ⁸	83.48	73.03	10.45	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/23/07 ⁸	83.48	73.37	10.11	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/24/07 ⁸	83.48	72.90	10.58	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

Table 1
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5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mas)	DTW (ft.)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-2 (cont)													
01/22/08 ^B	83.48	73.85	9.63	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/22/08 ^B	83.48	73.08	10.40	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	--
01/13/09 ^B	83.48	73.10	10.38	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/14/09	83.48	72.93	10.55	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
01/12/10 ^B	86.04	76.38	9.66	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/13/10	86.04	76.09	9.95	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
01/25/11 ^B	86.04	76.68	9.36	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/12/11	86.04	76.14	9.90	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
01/10/12 ^B	86.04	75.67	10.37	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/14/12	86.04	75.59	10.45	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
MW-3													
12/22/83	84.36	72.78	11.58	--	--	--	--	--	--	--	--	--	--
12/30/83	84.36	73.19	11.17	--	--	--	--	--	--	--	--	--	--
03/12/90	84.36	72.22	12.14	--	--	--	47,000	1,000	9,900	1,700	9,800	--	--
03/25/90	84.38	71.81	12.55	--	--	--	--	--	--	--	--	--	--
10/18/90	84.38	--	--	--	--	--	--	--	--	--	--	--	--
10/31/90	84.38	--	--	--	--	--	--	--	--	--	--	--	--
11/16/90	84.38	70.76	13.62	--	--	--	--	--	--	--	--	--	--
02/08/91	84.38	72.20	12.18	--	--	--	58,000	4,900	5,200	9,500	2,000	--	--
05/08/91	84.38	71.86	12.52	--	--	--	50,000	2,100	1,400	2,000	9,400	--	--
08/12/91	84.38	71.11	13.27	--	--	--	15,000	1,300	160	920	1,900	--	--
11/07/91	84.38	71.57	12.81	--	--	--	26,000	1,000	310	1,900	5,900	--	--
02/05/92	84.38	71.91	12.47	--	--	--	35,000	2,800	1,300	1,500	4,700	--	--
05/13/92	84.38	71.76	12.62	--	--	--	47,000	1,500	1,200	1,100	4,800	--	--
07/17/92	84.38	71.25	13.13	--	--	--	15,000	120	11	88	140	--	--
10/05/92	84.38	70.95	13.62	0.24	--	--	--	--	--	--	--	--	--
11/11/92	84.38	71.63	12.89	0.17	--	--	--	--	--	--	--	--	--
11/17/92	84.38	71.54	12.89	0.06	--	--	--	--	--	--	--	--	--
11/24/92	84.38	71.56	12.86	0.05	--	--	--	--	--	--	--	--	--
12/01/92	84.38	71.48	12.92	0.03	--	--	--	--	--	--	--	--	--
12/29/92	84.38	73.14	11.24	Sheen	--	--	--	--	--	--	--	--	--
01/05/93	84.38	73.23	11.15	Sheen	--	--	--	--	--	--	--	--	--
01/08/93	84.38	74.28	10.10	--	--	--	250,000	5,000	17,000	5,500	28,000	--	--
02/02/93	84.38	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (%)	GWE (mg/l)	DTW (ft)	SPHT (ft)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-3 (cont)													
04/14/93	84.38	72.48	11.91	0.01	--	--	--	--	--	--	--	--	--
08/06/93	84.38	71.49	12.90	0.01	--	--	150,000	3,800	6,600	3,700	17,000	--	--
10/21/93	84.38	71.41	12.97	--	--	--	22,000	2,300	1,700	1,400	5,100	--	--
01/05/94	84.38	71.96	12.42	--	--	--	37,000	1,600	1,100	1,300	6,500	--	--
04/08/94	84.38	72.51	11.87	--	--	--	16,000	250	310	500	2,500	--	--
07/06/94	84.38	71.64	12.74	--	--	--	43,000	660	320	1,900	6,400	--	--
08/04/94	84.38	71.71	12.67	--	--	--	--	--	--	--	--	--	--
10/05/94	84.38	71.43	12.95	--	--	--	12,000	280	90	480	370	--	--
01/18/95	84.38	73.72	10.66	--	--	--	20,000	200	230	700	3,500	--	--
04/07/95	84.38	72.84	11.54	--	--	--	22,000	120	120	810	4,400	--	--
07/06/95	84.38	71.99	12.39	--	--	--	15,000	110	<50	630	2,100	--	--
10/11/95	84.38	72.07	12.31	--	--	--	8,600	24	<10	360	560	1,100	--
01/17/96	84.38	73.68	10.70	--	--	--	9,300	<50	<50	230	1,100	2,300	--
04/05/96	84.38	73.35	11.03	--	--	--	8,700	16	<10	110	650	990	--
07/23/96	84.38	72.38	12.00	--	--	--	5,400	20	<5.0	190	480	2,300	--
10/02/96	84.38	72.20	12.18	--	--	--	6,200	43	<20	130	140	2,800	--
01/23/97	84.38	75.12	9.26	--	--	--	5,600	<5.0	<5.0	39	160	550	--
04/01/97	84.38	72.75	11.63	--	--	--	6,900	17	<10	150	330	3,900	--
07/09/97	84.38	72.38	12.00	--	--	--	5,300	31	<5.0	100	180	2,300	--
10/07/97	84.38	72.27	12.11	--	--	--	2,400	15	<2.0	30	15	900	--
01/22/98	84.38	74.73	9.65	--	--	--	3,200	2.5	7.9	70	220	660	--
04/02/98	84.38	73.49	10.89	--	--	--	1,300	14	9.7	25	63	430	--
07/02/98	84.38	72.69	11.69	--	--	--	750	6.9	<5.0	18	9.1	370	--
10/02/98	84.38	72.23	12.15	--	--	--	1,400	5.3	0.73	18	6.6	900	--
01/18/99	84.38	74.05	10.33	--	--	--	1,270	<1.0	<1.0	7.95	<1.0	100/99.7 ²	--
07/22/99	84.38	72.08	12.30	--	--	--	2,240	<1.0	<1.0	29.4	13.7	189	--
01/17/00	84.38	72.78	11.60	--	--	--	848	6.72	2.53	5.02	2.49	90	--
07/05/00	84.38	72.67	11.71	0.00	--	--	90 ³	5.3	<0.50	0.70	<0.50	770	--
01/15/01	84.38	73.93	10.45	0.00	--	--	206	<0.500	<0.500	<0.500	1.09	4.04	--
07/03/01	84.38	72.62	11.76	0.00	--	--	<50	0.53	<0.50	<0.50	1.1	20	--
02/28/02	84.38	73.29	11.09	0.00	--	--	170	<1.0	<1.0	<1.0	1.6	45	--
07/08/02	84.38	71.38	13.00	0.00	--	--	430	0.60	<0.50	0.79	<1.5	42	--
01/01/03	84.38	74.89	9.49	0.00	--	--	140	<0.50	<0.50	<0.50	<1.5	6.1	--
07/14/03 ^B	84.38	71.36	13.02	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	43	--
01/12/04 ^B	84.38	74.00	10.38	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	--
07/27/04 ^B	84.38	72.60	11.78	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	41	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-1583
 5509 Martin Luther King Way
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msf)	DTW (ft.)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-3 (cont)													
01/25/05 ^B	84.38	73.96	10.42	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	27	--
07/26/05 ^B	84.38	72.17	12.21	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	12	--
01/24/06 ^B	84.38	73.99	10.39	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
07/25/06 ^B	84.38	72.76	11.62	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	23	--
01/23/07 ^B	84.38	73.44	10.94	0.00	--	--	130	<0.5	<0.5	<0.5	<0.5	2	--
07/24/07 ^B	84.38	74.10	10.28	0.00	--	--	210	<0.5	<0.5	<0.5	<0.5	20	--
01/22/08 ^B	84.38	73.83	10.55	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/22/08 ^B	84.38	72.40	11.98	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	7	--
01/13/09 ^B	84.38	72.82	11.56	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	10	--
07/14/09	84.38	72.25	12.13	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
01/12/10 ^B	86.80	75.93	10.87	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	14	--
07/13/10	86.80	75.37	11.43	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
01/25/11 ^B	86.80	76.19	10.61	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	4	--
07/12/11	86.80	75.65	11.15	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
01/10/12 ^B	86.80	75.18	11.62	0.00	--	--	120	<0.5	<0.5	<0.5	<0.5	1	--
09/14/12	86.80	75.04	11.76	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
MW-4													
10/18/90	84.25	68.50	15.75	--	--	--	--	--	--	--	--	--	--
10/31/90	84.25	70.35	13.90	--	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--
11/16/90	84.25	70.00	14.25	--	--	--	--	--	--	--	--	--	--
02/08/91	84.25	71.93	12.32	--	--	--	60	17	2.0	12	<0.5	--	--
05/08/91	84.25	72.02	12.23	--	--	--	65	<0.5	<0.5	<0.5	<0.5	--	--
08/12/91	84.25	70.32	13.93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/07/91	84.25	70.83	13.42	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/05/92	84.25	71.42	12.83	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/13/92	84.25	70.97	13.28	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	84.25	70.27	13.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/92	84.25	70.02	14.23	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/11/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	84.25	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mg)	DTW (ft.)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOC (µg/L)	
MW-4 (cont)														
01/08/93	84.25	74.09	10.16	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
02/02/93	84.25	--	--	--	--	--	--	--	--	--	--	--	--	
04/14/93	84.25	72.21	12.04	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
08/06/93	84.25	70.34	13.91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
10/21/93	84.25	70.26	13.99	--	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--	
01/05/94	84.25	71.30	12.95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
04/08/94	84.25	71.31	12.94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
07/06/94	84.25	70.57	13.68	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
08/04/94	84.25	70.71	13.54	--	--	--	--	--	--	--	--	--	--	
10/05/94	84.25	70.65	13.60	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
01/18/95	84.25	74.77	9.48	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
04/07/95	84.25	72.70	11.55	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
07/06/95	84.25	71.25	13.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
10/11/95	84.25	70.27	13.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
01/17/96	84.25	73.17	11.08	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
04/05/96	84.25	72.65	11.60	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
07/23/96	84.25	70.86	13.39	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
10/02/96	84.25	70.27	13.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
01/23/97	84.25	74.72	9.53	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
04/01/97	84.25	71.68	12.57	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
07/09/97	84.25	70.64	13.61	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
10/07/97	84.25	70.51	13.74	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
01/22/98	84.25	74.90	9.35	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
04/02/98	84.25	73.00	11.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
07/02/98	84.25	71.84	12.41	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
10/02/98	84.25	71.00	13.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
01/18/99	84.25	72.65	11.60	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	
07/22/99	84.25	70.70	13.55	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	
01/17/00	84.25	71.32	12.93	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	
07/05/00	84.25	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--
01/15/01	84.25	72.73	11.52	0.00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	
07/03/01	84.25	71.30	12.95	0.00	--	--	--	--	--	--	--	--	--	
02/28/02	84.25	72.54	11.71	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	
07/08/02	84.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--
01/01/03	84.24	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--	--
07/14/03	84.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mg)	BTW (ft.)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-CRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOC (µg/L)
MW-4 (cont)													
01/12/04 ^B	84.24	73.23	11.01	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/25/05 ^B	84.24	73.28	10.96	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/26/05	84.24	MONITORED/SAMPLED ANNUALLY											
01/24/06 ^B	84.24	73.36	10.88	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/25/06	84.24	MONITORED/SAMPLED ANNUALLY											
01/23/07 ^B	84.24	71.85	12.39	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/24/07	84.24	MONITORED/SAMPLED ANNUALLY											
01/22/08 ^B	84.24	72.77	11.47	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/22/08	84.24	MONITORED/SAMPLED ANNUALLY											
01/13/09 ^B	84.24	71.56	12.68	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/14/09	84.24	MONITORED/SAMPLED ANNUALLY											
01/12/10 ^B	87.29	76.14	11.15	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/13/10	87.29	MONITORED/SAMPLED ANNUALLY											
01/25/11 ^B	87.29	76.21	11.08	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/12/11	87.29	MONITORED/SAMPLED ANNUALLY											
01/10/12 ^B	87.29	73.94	13.35	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/14/12	87.29	MONITORED/SAMPLED ANNUALLY											
MW-5													
10/18/90	81.95	71.17	10.78	--	--	--	--	--	--	--	--	--	--
10/31/90	81.95	71.32	10.63	--	--	--	110	<0.5	<0.5	<0.5	<0.5	--	--
11/16/90	81.95	71.27	10.68	--	--	--	--	--	--	--	--	--	--
02/08/91	81.95	72.78	9.17	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/08/91	81.95	73.27	8.68	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/12/91	81.95	71.62	10.33	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/07/91	81.95	72.19	9.76	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/05/92	81.95	72.48	9.47	--	--	--	69	<0.5	<0.5	<0.5	<0.5	--	--
05/13/92	81.95	72.25	9.70	--	--	--	74	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	81.95	71.74	10.21	--	--	--	880	2.6	<1.2	4.6	11	--	--
10/05/92	81.95	71.34	10.61	--	--	--	120	<0.5	<0.5	0.6	4.9	--	--
11/11/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--

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 5509 Martin Luther King Way
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mf)	DTW (ft.)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOC (µg/L)
MW-5 (cont)													
01/05/93	81.95	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	81.95	74.61	7.34	--	--	--	--	--	--	--	--	--	--
02/02/93	81.95	--	--	--	--	--	61	<0.5	<0.5	<0.5	<0.5	--	--
04/14/93	81.95	--	--	--	--	--	--	--	--	--	--	--	--
08/06/93	81.95	71.99	9.96	--	--	--	--	--	--	--	--	--	--
10/21/93	81.95	71.89	10.06	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/05/94	81.95	72.52	9.43	--	--	--	<50	<0.5	<0.5	2.0	4.0	--	--
04/08/94	81.95	72.56	9.39	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/94	81.95	72.19	9.76	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/94	81.95	72.13	9.82	--	--	--	<50	0.6	<0.5	<0.5	<0.5	--	--
10/05/94	81.95	71.89	10.06	--	--	--	--	--	--	--	--	--	--
01/18/95	81.95	INACCESSIBLE	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/95	81.95	73.31	8.64	--	--	--	--	--	--	--	--	--	--
07/06/95	81.95	72.52	9.43	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/11/95	81.95	72.12	9.83	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/17/96	81.95	73.63	8.32	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/05/96	81.95	73.23	8.72	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/96	81.95	72.25	9.70	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/96	81.95	72.06	9.89	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/23/97	81.95	74.72	7.23	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/01/97	81.95	INACCESSIBLE	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	81.95	72.27	9.68	--	--	--	--	--	--	--	--	--	--
10/07/97	81.95	72.14	9.81	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/98	81.95	74.80	7.15	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/98	81.95	INACCESSIBLE	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/02/98	81.95	72.43	9.52	--	--	--	--	--	--	--	--	--	--
10/02/98	81.95	72.14	9.81	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/18/99	81.95	73.11	8.84	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
07/22/99	81.95	72.01	9.94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
01/17/00	81.95	72.70	9.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
07/05/00	81.95	MONITORED/SAMPLED ANNUALLY	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/15/01	81.95	73.41	8.54	0.00	--	--	--	--	--	--	--	--	--
07/03/01	81.95	72.62	9.33	0.00	--	--	423 ⁶	<0.500	<0.500	<0.500	<0.500	<2.50	--
02/28/02	81.95	73.24	8.71	0.00	--	--	--	--	--	--	--	--	--
07/08/02	81.95	MONITORED/SAMPLED ANNUALLY	--	--	--	--	270	<0.50	<0.50	<0.50	<1.5	<2.5	--
01/01/03	81.95	INACCESSIBLE - VEHICLE PARKED OVER WELL	--	--	--	--	--	--	--	--	--	--	--

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5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (/L)	GWE (msl)	DTW (/L)	SPHT (/L)	TPH-DRO (ug/L)	TPH-MO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOC (ug/L)
MW-5 (cont)													
07/14/03	81.95	MONITORED/SAMPLED ANNUALLY											
01/12/04 ^s	81.95	73.91	8.04	0.00	--	--	--	--	--	--	--	--	--
01/25/05 ^s	81.95	73.94	8.01	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/26/05	81.95	MONITORED/SAMPLED ANNUALLY											
01/24/06 ^s	81.95	73.89	8.06	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/25/06	81.95	MONITORED/SAMPLED ANNUALLY											
01/23/07	81.95	INACCESSIBLE - VEHICLE PARKED OVER WELL											
07/24/07	81.95	MONITORED/SAMPLED ANNUALLY											
01/22/08 ^s	81.95	73.50	8.45	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/22/08	81.95	MONITORED/SAMPLED ANNUALLY											
01/13/09 ^s	81.95	71.69	10.26	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/14/09	81.95	MONITORED/SAMPLED ANNUALLY											
01/12/10 ^s	84.93	76.45	8.48	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/13/10	84.93	MONITORED/SAMPLED ANNUALLY											
01/25/11 ^s	84.93	76.69	8.24	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/12/11	84.93	MONITORED/SAMPLED ANNUALLY											
01/10/12 ^s	84.93	75.91	9.02	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/14/12	84.93	MONITORED/SAMPLED ANNUALLY											
MW-6													
10/18/90	80.60	70.81	9.79	--	--	--	--	--	--	--	--	--	--
10/31/90	80.60	70.91	9.69	--	--	--	--	--	--	--	--	--	--
11/16/90	80.60	70.86	9.74	--	--	--	<50	<0.5	<0.5	<0.5	3.0	--	--
02/08/91	80.60	--	--	--	--	--	--	--	--	--	--	--	--
05/08/91	80.60	71.06	9.54	--	--	--	--	--	--	--	--	--	--
08/12/91	80.60	71.10	9.50	--	--	--	56	<0.5	<0.5	<0.5	<0.5	--	--
11/07/91	80.60	71.71	8.89	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/05/92	80.60	72.01	8.59	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/13/92	80.60	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
10/05/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
11/11/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC ($\mu\text{g/L}$)	GWE (msf)	DTW (ft)	SPHT (ft)	TPH-DRO ($\mu\text{g/L}$)	TPH-MO ($\mu\text{g/L}$)	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 ($\mu\text{g/L}$)
MW-6 (cont)													
12/29/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	80.60	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	80.60	--	--	--	--	--	--	--	--	--	--	--	--
02/02/93	80.60	72.89	7.71	--	--	--	<50	2.1	<0.5	<0.5	2.2	--	--
04/14/93	80.60	72.41	8.19	--	--	--	<50	1.0	<0.5	<0.5	<0.5	--	--
08/06/93	80.60	71.52	9.08	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/21/93	80.60	71.46	9.14	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/05/94	80.60	72.06	8.54	--	--	--	<50	4.0	<0.5	<0.5	<0.5	--	--
04/08/94	80.60	--	--	--	--	--	--	--	--	--	--	--	--
07/06/94	80.60	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
08/04/94	80.60	71.66	8.94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/94	80.60	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
01/18/95	80.60	73.50	7.10	--	--	--	<50	0.69	<0.5	<0.5	0.57	--	--
04/07/95	80.60	72.77	7.83	--	--	--	<50	1.8	<0.5	<0.5	<0.5	--	--
07/06/95	80.60	72.03	8.57	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/11/95	80.60	71.54	9.06	--	--	--	<125	<1.2	<1.2	<1.2	<1.2	540	--
01/17/96	80.60	73.20	7.40	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	180	--
04/05/96	80.60	72.70	7.90	--	--	--	<125	1.4	<1.2	<1.2	<1.2	700	--
07/23/96	80.60	71.86	8.74	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	540	--
10/02/96	80.60	71.62	8.98	--	--	--	<100	<1.0	<1.0	<1.0	1.8	910	--
01/23/97	80.60	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
04/01/97	80.60	72.22	8.38	--	--	--	<250	<2.5	<2.5	<2.5	<2.5	640	--
07/09/97	80.60	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
10/07/97	80.60	71.71	8.89	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	640	--
01/22/98	80.60	73.90	6.70	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	200	--
04/02/98	80.60	72.79	7.81	--	--	--	<250	<2.5	<2.5	<2.5	<2.5	480	--
07/02/98	80.60	71.62	8.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	420	--
10/02/98	80.60	71.68	8.92	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	270	--
01/18/99	80.60	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
07/22/99	80.60	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
01/17/00	80.60	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
07/05/00	80.60	MONITORED/SAMPLED ANNUALLY	--	--	--	--	--	--	--	--	--	--	--
01/15/01	80.60	INACCESSIBLE - CAR PARKED OVER WELL	--	--	--	--	--	--	--	--	--	--	--
07/03/01	80.60	INACCESSIBLE - CAR PARKED OVER WELL	--	--	--	--	--	--	--	--	--	--	--
02/28/02	80.60	72.70	7.90	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	55	--
07/08/02	80.60	MONITORED/SAMPLED ANNUALLY	--	--	--	--	--	--	--	--	--	--	--

Table 1
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Former Chevron Service Station #9-1583
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Oakland, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>msf</i>)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	TPH-DRO (<i>µg/L</i>)	TPH-MO (<i>µg/L</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>)	TDC (<i>µg/L</i>)
MW-6 (cont)													
01/01/03	80.60	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
07/14/03	80.60	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--
01/12/04 ^B	80.60	73.23	7.37	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	25	--
01/25/05 ^B	80.60	73.17	7.43	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	3	--
07/26/05	80.60	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--
01/24/06 ^B	80.60	73.20	7.40	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/25/06	80.60	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--
01/23/07 ^B	80.60	72.53	8.07	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	8	--
07/24/07	80.60	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--
01/22/08 ^B	80.60	73.07	7.53	0.00	--	--	<50	<0.5	<0.5	1	2	4	--
07/22/08	80.60	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--
01/13/09 ^B	80.60	70.73	9.87	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	6	--
07/14/09	80.60	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--
01/12/10 ^B	83.63	75.71	7.92	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/13/10	83.63	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--
01/25/11 ^B	83.63	76.05	7.58	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/12/11	83.63	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--
01/10/12 ^B	83.63	75.99	7.64	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/14/12	83.63	MONITORED/SAMPLED ANNUALLY					--	--	--	--	--	--	--
MW-7													
03/08/94	86.36	74.99	11.37	--	<10	4,100	1,200	440	31	73	200	--	--
07/06/94	86.36	--	--	--	--	--	--	--	--	--	--	--	--
08/04/94	86.36	73.86	12.50	--	--	--	120	15	<0.5	3.8	1.8	--	--
10/05/94	86.36	73.99	12.37	--	--	--	150	1.2	<0.5	1.2	1.7	--	--
01/18/95	86.36	74.82	11.54	--	--	--	260	11	<1.0	17	6.8	--	--
04/07/95	86.36	75.63	10.73	--	--	--	230	<0.5	<0.5	25	0.93	--	--
07/06/95	86.36	74.36	12.00	--	--	--	320	<1.0	<1.0	<1.0	<1.0	--	6,900
10/11/95	86.36	73.56	12.80	--	--	2,300 ¹	<50	<0.5	<0.5	<0.5	<0.5	120	--
01/17/96	86.36	75.90	10.46	--	--	1,700	<50	<0.5	<0.5	<0.5	<0.5	460	--
04/05/96	86.36	76.56	9.80	--	--	590	130	<0.5	<0.5	<0.5	<0.5	120	--
07/23/96	86.36	74.57	11.79	--	--	820	<500	<5.0	<5.0	<5.0	<0.5	1,200	--
10/02/96	86.36	73.10	13.26	--	--	1,500	<100	<1.0	<1.0	<1.0	<1.0	360	--
01/23/97	86.36	77.64	8.72	--	--	<500	<100	<1.0	<1.0	<1.0	<1.0	490	--
04/01/97	86.36	75.09	11.27	--	--	1,600	<250	<2.5	<2.5	<2.5	<2.5	1,200	--

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WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>msf</i>)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	TPH-DRO (<i>µg/L</i>)	TPH-MO (<i>µg/L</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>)
MW-7 (cont)													
07/09/97	86.36	73.92	12.44	--	--	5,700	<250	5.9	<2.5	<2.5	<2.5	1,200	--
10/07/97	86.36	73.44	12.92	--	--	<500	<50	<0.5	<0.5	<0.5	<0.5	240	--
01/22/98	86.36	75.14	11.22	--	--	<500	<50	<0.5	<0.5	<0.5	<0.5	400	--
04/02/98	86.36	75.67	10.69	--	--	<500	56	<0.5	<0.5	<0.5	<0.5	290	--
07/02/98	86.36	75.94	10.42	--	--	<500	<50	<0.5	<0.5	<0.5	<0.5	380	--
10/02/98	86.36	74.14	12.22	--	--	1,700	<50	<0.5	<0.5	<0.5	<1.5	660	--
01/18/99	86.36	75.36	11.00	--	--	543	<100	<1.0	<1.0	<1.0	<1.0	281/296 ²	--
07/22/99	86.36	74.06	12.30	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	155	--
01/17/00	86.36	75.84	10.52	--	256 ¹	1,040	<50	<0.5	<0.5	<0.5	<0.5	104	--
07/05/00	86.36	74.23	12.13	0.00	--	1,400 ⁴	<50	<0.50	<0.50	<0.50	<0.50	110	--
01/15/01	86.36	75.23	11.13	0.00	--	2,700	<50.0	<0.500	<0.500	<0.500	<0.500	84.3	--
07/03/01	86.36	74.47	11.89	0.00	--	760 ⁷	<50	<0.50	<0.50	<0.50	<0.50	27	--
02/28/02	86.36	75.26	11.10	0.00	--	<1,000	<50	<0.50	<0.50	<0.50	<1.5	66	--
07/08/02	86.36	74.05	12.31	0.00	--	1,400	<50	<0.50	<0.50	<0.50	<1.5	49	--
01/01/03	86.36	76.65	9.71	0.00	--	1,300	<50	<0.50	<0.50	<0.50	<1.5	35	--
07/14/03 ⁸	86.36	74.01	12.35	0.00	--	130	<50	<0.5	<0.5	<0.5	<0.5	20	--
01/12/04 ⁸	86.36	75.66	10.70	0.00	--	250	<50	<0.5	<0.5	<0.5	<0.5	27	--
07/27/04 ⁸	86.36	74.08	12.28	0.00	--	730	<50	<0.5	<0.5	<0.5	<0.5	44	--
01/25/05 ⁸	86.36	75.56	10.80	0.00	--	980	<50	<0.5	<0.5	<0.5	<0.5	34	--
07/26/05 ⁸	86.36	73.69	12.67	0.00	--	1,100	<50	<0.5	<0.5	<0.5	<0.5	19	--
01/24/06 ⁸	86.36	75.60	10.76	0.00	--	230	<50	<0.5	<0.5	<0.5	<0.5	18	--
07/25/06 ⁸	86.36	74.17	12.19	0.00	--	160	<50	<0.5	<0.5	<0.5	<0.5	19	--
01/23/07 ⁸	86.36	74.60	11.76	0.00	--	2,100	<50	<0.5	<0.5	<0.5	<0.5	15	--
07/24/07 ⁸	86.36	73.91	12.45	0.00	--	3,100	<50	<0.5	<0.5	<0.5	<0.5	24	--
01/22/08 ⁸	86.36	75.36	11.00	0.00	--	4,400	<50	<0.5	<0.5	<0.5	<0.5	12	--
07/22/08 ⁸	86.36	73.38	12.98	0.00	--	200	<50	<0.5	<0.5	<0.5	<0.5	25	--
01/13/09 ⁸	86.36	73.85	12.51	0.00	--	1,400	<50	<0.5	<0.5	<0.5	<0.5	7	--
07/14/09 ⁸	86.36	73.18	13.18	0.00	--	1,000	<50	<0.5	<0.5	<0.5	<0.5	10	--
01/12/10 ⁸	86.36	75.01	11.35	0.00	--	1,500	<50	<0.5	<0.5	<0.5	<0.5	5	--
07/13/10 ⁸	86.36	73.72	12.64	0.00	--	1,100	<50	<0.5	<0.5	<0.5	<0.5	4	--
01/25/11 ⁸	86.36	75.30	11.06	0.00	--	2,300	<50	<0.5	<0.5	<0.5	<0.5	2	--
07/12/11 ⁸	86.36	74.61	11.75	0.00	--	1,800	<50	<0.5	<0.5	<0.5	<0.5	2	--
01/10/12 ⁸	86.36	73.77	12.59	0.00	--	1,900	<50	<0.5	<0.5	<0.5	<0.5	2	--
09/14/12 ⁸	86.36	73.57	12.79	0.00	--	1,100	<50	<0.5	<0.5	<0.5	<0.5	2	--

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WELL ID/ DATE	TOC (%)	GWE (m)	DTW (ft)	SPHT (%)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOC (µg/L)
MW-8													
03/08/94	85.93	75.06	10.87	--	<10	<100	28,000	2,900	1,300	1,200	6,800	--	--
07/06/94	85.93	--	--	--	--	--	--	--	--	--	--	--	--
08/04/94	85.93	73.77	12.16	--	--	--	22,000	3,000	260	870	4,400	--	--
10/05/94	85.93	72.71	13.22	--	--	--	12,000	1,800	34	4.6	890	--	--
01/18/95	85.93	75.51	10.42	--	--	--	19,000	1,000	65	1,100	3,500	--	--
04/07/95	85.93	75.48	10.45	--	--	--	14,000	310	<25	720	1,700	--	--
07/06/95	85.93	74.30	11.63	--	--	--	19,000	280	<50	1,200	2,600	--	--
10/11/95	85.93	73.51	12.42	--	--	--	6,100	140	5.5	320	280	1,200	--
01/17/96	85.93	75.95	9.98	--	--	<500	12,000	86	<20	590	1,400	1,100	--
04/05/96	85.93	75.60	10.33	--	--	<500	7,500	180	23	410	480	560	--
07/23/96	85.93	74.56	11.37	--	--	<500	3,800	47	<5.0	350	84	1,800	--
10/02/96	85.93	73.90	12.03	--	--	<500	4,400	65	<5.0	140	28	1,500	--
01/23/97	85.93	77.73	8.20	--	--	<500	3,800	36	5.9	140	36	910	--
04/01/97	85.93	75.80	10.13	--	--	<500	6,100	43	<20	380	76	1,800	--
07/09/97	85.93	73.77	12.16	--	--	<500	7,300	48	<25	120	<25	2,400	--
10/07/97	85.93	73.77	12.16	--	--	<500	3,100	<10	<10	67	<10	1,400	--
01/22/98	85.93	75.83	10.10	--	--	<500	1,900	5.5	8.3	120	17	780	--
04/02/98	85.93	75.55	10.38	--	--	<500	2,900	43	19	110	<10	800	--
07/02/98	85.93	74.78	11.15	--	--	<500	5,000	31	<10	120	15	780	--
10/02/98	85.93	74.03	11.90	--	--	1,200 ¹	2,200	6.5	<0.5	21	2.6	140	--
01/18/99	85.93	75.12	10.81	--	554	<250	2,870	<5.0	<5.0	9.02	<5.0	476/478 ²	--
07/22/99	85.93	74.38	11.55	--	--	--	2,190	<1.0	<1.0	3.51	1.61	228	--
01/17/00	85.93	75.06	10.87	--	955 ¹	<500	1,220	1.3	1.56	1.56	1.87	344	--
07/05/00	85.93	74.55	11.38	0.00	--	260 ⁵	1,900 ³	15	6.6	<5.0	<5.0	170	--
01/15/01	85.93	75.59	10.34	0.00	--	<250	2,820	<1.00	<1.00	5.13	3.90	110	--
07/03/01	85.93	74.77	11.16	0.00	--	<250	1,900 ³	6.0	<5.0	<5.0	<5.0	46	--
02/28/02	85.93	75.26	10.67	0.00	--	<1,000	1,500	4.6	<2.0	0.80	2.2	56	--
07/08/02	85.93	74.30	11.63	0.00	--	<400	2,500	4.2	0.85	0.68	2.5	46	--
01/01/03	85.93	76.01	9.92	0.00	--	<400	1,300	2.1	0.66	1.1	2.1	45	--
07/14/03 ⁸	85.93	74.27	11.66	0.00	--	160	1,900	<0.5	<0.5	<0.5	<0.5	58	--
01/12/04 ⁸	85.93	75.92	10.01	0.00	--	<40	1,400	<0.5	<0.5	<0.5	<0.5	110	--
07/27/04 ⁸	85.93	74.33	11.60	0.00	--	<40	1,100	<0.5	<0.5	<0.5	<0.5	89	--
01/25/05 ⁸	85.93	75.96	9.97	0.00	--	130	900	<0.5	<0.5	<0.5	<0.5	52	--
07/26/05 ⁸	85.93	74.08	11.85	0.00	--	99	580	<0.5	<0.5	<0.5	<0.5	23	--
01/24/06 ⁸	85.93	76.06	9.87	0.00	--	69	620	<0.5	<0.5	<0.5	<0.5	31	--
07/25/06 ⁸	85.93	74.77	11.16	0.00	--	<40	420	<0.5	<0.5	<0.5	<0.5	20	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>msl</i>)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	TPH-DRO (<i>µg/L</i>)	TPH-MO (<i>µg/L</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>)
MW-8 (cont)													
01/23/07 ^b	85.93	74.78	11.15	0.00	--	200	710	<0.5	<0.5	<0.5	<0.5	26	--
07/24/07 ^b	85.93	74.15	11.78	0.00	--	730	560	<0.5	<0.5	<0.5	<0.5	30	--
01/22/08 ^b	85.93	75.59	10.34	0.00	--	500	520	<0.5	<0.5	<0.5	<0.5	27	--
07/22/08 ^b	85.93	73.86	12.07	0.00	--	90	330	<0.5	<0.5	<0.5	<0.5	21	--
01/13/09 ^b	85.93	74.35	11.58	0.00	--	62	360	<0.5	<0.5	<0.5	<0.5	14	--
07/14/09 ^b	85.93	73.68	12.25	0.00	--	90	500	<0.5	<0.5	<0.5	<0.5	10	--
01/12/10 ^b	85.95	75.50	10.45	0.00	--	100	370	<0.5	<0.5	<0.5	<0.5	8	--
07/13/10 ^b	85.95	74.33	11.62	0.00	--	73	260	<0.5	<0.5	<0.5	<0.5	6	--
01/25/11 ^a	85.95	75.88	10.07	0.00	--	<40	200	<0.5	<0.5	<0.5	<0.5	4	--
07/12/11 ^a	85.95	75.25	10.70	0.00	--	56	120	<0.5	<0.5	<0.5	<0.5	3	--
01/10/12 ^b	85.95	74.27	11.68	0.00	--	130	140	<0.5	<0.5	<0.5	<0.5	3	--
09/14/12 ^a	85.95	74.15	11.80	0.00	--	72	61	<0.5	<0.5	<0.5	<0.5	2	--
TRIP BLANK													
03/12/90	--	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
02/08/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/08/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/12/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/07/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/05/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/13/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/11/92	--	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	--	--	--	--	--	--	--	--	--	--	--	--	--
11/29/92	--	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	--	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	--	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	--	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/02/93	--	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/06/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/21/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/05/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mat)	DTW (ft.)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
TRIP BLANK (cont)													
04/08/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/18/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/11/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/17/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/05/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/23/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/01/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/07/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/02/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
01/18/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
07/05/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
01/15/01	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
07/03/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
QA													
02/28/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
07/08/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
01/01/03	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
07/14/03 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/12/04 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/27/04 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/25/05 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/26/05 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/24/06 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/25/06 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/23/07 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-1583
 5509 Martin Luther King Way
 Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mat)	BTW (ft.)	SPHT (ft.)	TPH-DRO (µg/L)	TPH-MO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
QA (cont)													
07/24/07 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/22/08 ^b	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/22/08 ^b	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/13/09 ^b	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/14/09 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
DESTROYED													
09/14/12 ^a	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-1583
 5509 Martin Luther King Way
 Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to July 5, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
 (ft.) = Feet

GWE = Groundwater Elevation
 (msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbon Thickness

TPH = Total Petroleum Hydrocarbons

DRO = Diesel Range Organics

MO = Motor Oil

GRO = Gasoline Range Organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl Tertiary Butyl Ether

TOG = Total Oil & Grease

(µg/L) = Micrograms per liter

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on October 27, 2009, by Virgil Chavez Land Surveying. The benchmark for this survey was a cut square on top of easterly curb of Broadway, opposite 5718 Broadway. Benchmark Elevation = 180.06 feet. Vertical Datum is NGVD 29 from GPS observations.

¹ Laboratory report indicates an unidentified hydrocarbon.

² Confirmation run.

³ Laboratory report indicates gasoline C6-C12.

⁴ Laboratory report indicates motor oil C16-C36.

⁵ Laboratory report indicates unidentified hydrocarbons C9-C24.

⁶ Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel. The pattern more closely resembles that of a heavier fuel.

⁷ Laboratory report indicates unidentified hydrocarbons >C16.

⁸ BTEX and MTBE by EPA Method 8260.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Former Chevron Service Station #9-1583
 5509 Martin Luther King Way
 Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-1	07/14/03	<50	--	5	--	--	--
	01/12/04	<50	--	61	--	--	--
	07/27/04	<50	--	54	--	--	--
	01/25/05	<50	--	5	--	--	--
	07/26/05	<50	--	25	--	--	--
	01/24/06	<50	--	25	--	--	--
	07/25/06	<50	--	14	--	--	--
	01/23/07	<50	--	17	--	--	--
	07/24/07	<50	--	7	--	--	--
	01/22/08	<50	--	8	--	--	--
	07/22/08	<50	--	<0.5	--	--	--
	01/13/09	<50	--	2	--	--	--
	01/12/10	--	--	15	--	--	--
	01/25/11	--	--	5	--	--	--
01/10/12	--	--	2	--	--	--	
MW-2	07/14/03	<50	--	<0.5	--	--	--
	01/12/04	<50	--	<0.5	--	--	--
	07/27/04	<50	--	<0.5	--	--	--
	01/25/05	<50	--	<0.5	--	--	--
	07/26/05	<50	--	<0.5	--	--	--
	01/24/06	<50	--	<0.5	--	--	--
	07/25/06	<50	--	<0.5	--	--	--
	01/23/07	<50	--	<0.5	--	--	--
	07/24/07	<50	--	<0.5	--	--	--
	01/22/08	<50	--	<0.5	--	--	--
	07/22/08	<50	--	2	--	--	--
	01/13/09	<50	--	<0.5	--	--	--
	01/12/10	--	--	<0.5	--	--	--
	01/25/11	--	--	<0.5	--	--	--
01/10/12	--	--	<0.5	--	--	--	
MW-3	07/14/03	<50	--	43	--	--	--
	01/12/04	<50	--	2	--	--	--
	07/27/04	<50	--	41	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-3 (cont)	01/25/05	<50	--	27	--	--	--
	07/26/05	<50	--	12	--	--	--
	01/24/06	<50	--	0.8	--	--	--
	07/25/06	<50	--	23	--	--	--
	01/23/07	<50	--	2	--	--	--
	07/24/07	<50	--	20	--	--	--
	01/22/08	<50	--	<0.5	--	--	--
	07/22/08	<50	--	7	--	--	--
	01/13/09	<50	--	10	--	--	--
	01/12/10	--	--	14	--	--	--
	01/25/11	--	--	4	--	--	--
	01/10/12	--	--	1	--	--	--
MW-4	07/14/03	SAMPLED ANNUALLY	--	--	--	--	--
	01/12/04	<50	--	<0.5	--	--	--
	01/25/05	<50	--	<0.5	--	--	--
	01/24/06	<50	--	<0.5	--	--	--
	01/23/07	<50	--	<0.5	--	--	--
	01/22/08	<50	--	<0.5	--	--	--
	01/13/09	<50	--	<0.5	--	--	--
	01/12/10	--	--	<0.5	--	--	--
	01/25/11	--	--	<0.5	--	--	--
	01/10/12	--	--	<0.5	--	--	--
MW-5	07/14/03	SAMPLED ANNUALLY	--	--	--	--	--
	01/12/04	<50	--	<0.5	--	--	--
	01/25/05	<50	--	<0.5	--	--	--
	01/24/06	<50	--	<0.5	--	--	--
	01/23/07	INACCESSIBLE - VEHICLE PARKED OVER WELL	--	--	--	--	--
	01/22/08	<50	--	<0.5	--	--	--
	01/13/09	<50	--	<0.5	--	--	--
	01/12/10	--	--	<0.5	--	--	--
	01/25/11	--	--	<0.5	--	--	--
	01/10/12	--	--	<0.5	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Former Chevron Service Station #9-1583
 5509 Martin Luther King Way
 Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-6	07/14/03	SAMPLED ANNUALLY	--	--	--	--	--
	01/12/04	<50	--	25	--	--	--
	01/25/05	<50	--	3	--	--	--
	01/24/06	<50	--	<0.5	--	--	--
	01/23/07	<50	--	8	--	--	--
	01/22/08	<50	--	4	--	--	--
	01/13/09	<50	--	6	--	--	--
	01/12/10	--	--	<0.5	--	--	--
	01/25/11	--	--	<0.5	--	--	--
	01/10/12	--	--	<0.5	--	--	--
MW-7	07/14/03	<50	--	20	--	--	--
	01/12/04	<50	--	27	--	--	--
	07/27/04	<50	--	44	--	--	--
	01/25/05	<50	--	34	--	--	--
	07/26/05	<50	--	19	--	--	--
	01/24/06	<50	--	18	--	--	--
	07/25/06	<50	--	19	--	--	--
	01/23/07	<50	--	15	--	--	--
	07/24/07	<50	--	24	--	--	--
	01/22/08	<50	--	12	--	--	--
	07/22/08	<50	--	25	--	--	--
	01/13/09	<50	--	7	--	--	--
	07/14/09	--	--	10	--	--	--
	01/12/10	--	--	5	--	--	--
	07/13/10	--	--	4	--	--	--
	01/25/11	--	--	2	--	--	--
07/12/11	--	--	2	--	--	--	
01/10/12	--	--	2	--	--	--	
09/14/12	--	--	2	--	--	--	
MW-8	07/14/03	<50	--	58	--	--	--
	01/12/04	<50	--	110	--	--	--
	07/27/04	<50	--	89	--	--	--
	01/25/05	<50	--	52	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Former Chevron Service Station #9-1583
 5509 Martin Luther King Way
 Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-8 (cont)	07/26/05	<50	--	23	--	--	--
	01/24/06	<50	--	31	--	--	--
	07/25/06	<50	--	20	--	--	--
	01/23/07	<50	--	26	--	--	--
	07/24/07	<50	--	30	--	--	--
	01/22/08	<50	--	27	--	--	--
	07/22/08	<50	--	21	--	--	--
	01/13/09	<50	--	14	--	--	--
	07/14/09	--	--	10	--	--	--
	01/12/10	--	--	8	--	--	--
	07/13/10	--	--	6	--	--	--
	01/25/11	--	--	4	--	--	--
	07/12/11	--	--	3	--	--	--
	01/10/12	--	--	3	--	--	--
	09/14/12	--	--	2	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, 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
-- = Not Analyzed

ANALYTICAL METHODS:

EPA Method 8260 for Oxygenate Compounds

TABLE 3

SOIL VAPOR SAMPLE ANALYTICAL RESULTS
FORMER CHEVRON SERVICE STATION 9-1583
5509 MARTIN LUTHER KING JR. WAY
OAKLAND, CALIFORNIA

Sample ID	Sample Date	TPHd	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TBA	1,2-DCA	EDB	Ethanol	Iso-octane	Helium	Oxygen	Carbon dioxide
← Concentrations reported in micrograms per cubic meter (µg/m ³) →														← Reported in percent →		
VP-1	9/11/08	<170	550	<7.5	<8.9	<10	<10	<8.5	<28	<9.5	<18	<18	<11	<0.24	14	6.8
VP-2	9/11/08	6,900	330,000	<52	<62	<71	<71	<59	<200	<66	<130	<120	17,000	<0.12	16	8.7
VP-3	9/11/08	<180	540	<3.9	<4.6	<5.4	<5.4	<4.4	<15	<5.0	<9.5	<9.3	<5.8	<0.12	17	4.7
VP-4	9/11/08	920	38,000	<18	<21	<24	<24	<20	<67	<22	<42	<41	5,400	<0.11	11	10
VP-5	9/11/08	<160	46,000	<7.1	<8.4	<9.6	<9.6	<8.0	<27	<9.0	<17	<17	<10	<0.22	10	14
Commercial ESL		29,000	29,000	280	180,000	3,300	58,000	31,000	NE	310	14	NE	NE			
Residential ESL		10,000	10,000	84	63,000	980	21,000	9,400	NE	94	4.1	NE	NE			

Abbreviations/Notes:

Total petroleum hydrocarbons as diesel (TPHd) by EPA Method TO-17.

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method TO-3.

Benzene, toluene, ethylbenzene, xylenes (BTEX) by EPA Method TO-15.

Methyl tertiary butyl ether (MTBE) by EPA Method TO-15.

Tertiary butyl alcohol (TBA) by EPA Method TO-15.

1,2-Dichloroethane (1,2-DCA) by EPA Method TO-15.

1,2-Dibromoethane (EDB) by EPA Method TO-15.

Ethanol and iso-octane (2,2,4-Trimethylpentane) by EPA Method TO-15

Oxygen, carbon dioxide and helium by modified ASTM D-1946.

<x = Not detected at or above stated laboratory reporting limit.

ESL = Shallow soil gas environmental screening level associated with vapor intrusion concerns, RWQCB-May 2008 (Table E)

NE = Not established

Bold Indicates concentration exceeds commercial and/or residential ESL

ATTACHMENT 6

Goffier - Ryan Inc. GENERAL CONTRACTORS

COMPANY: CHEVRON U.S.A. #1583 JOB NO: OR-5111
 LOCATION: 5509 GROVE ST. DATE: 12-22-83
 CITY: OAKLAND WELL #: 1

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
3"		A. C. PAVING.
8"		BASEROCK
2'		DARK BROWN CLAY & FILLS
8'		BROWN CLAY - DAMP
9'		DARK BROWN CLAY - DAMP
12'		OLIVE GREEN SILTY CLAY - MOIST
17'		BROWN SILTY CLAY - WET
21'		DARK GRAY CLAY - BAY MUD - WET

FOREMAN: DAVID BYRON SHEET: 1 OF 1

COMPANY: CHEVRON U.S.A. #1583
 LOCATION: 5509 GROVE ST.
 CITY: OAKLAND

JOB NO: OR - 5111
 DATE: 12-22-83
 WELL #: 2

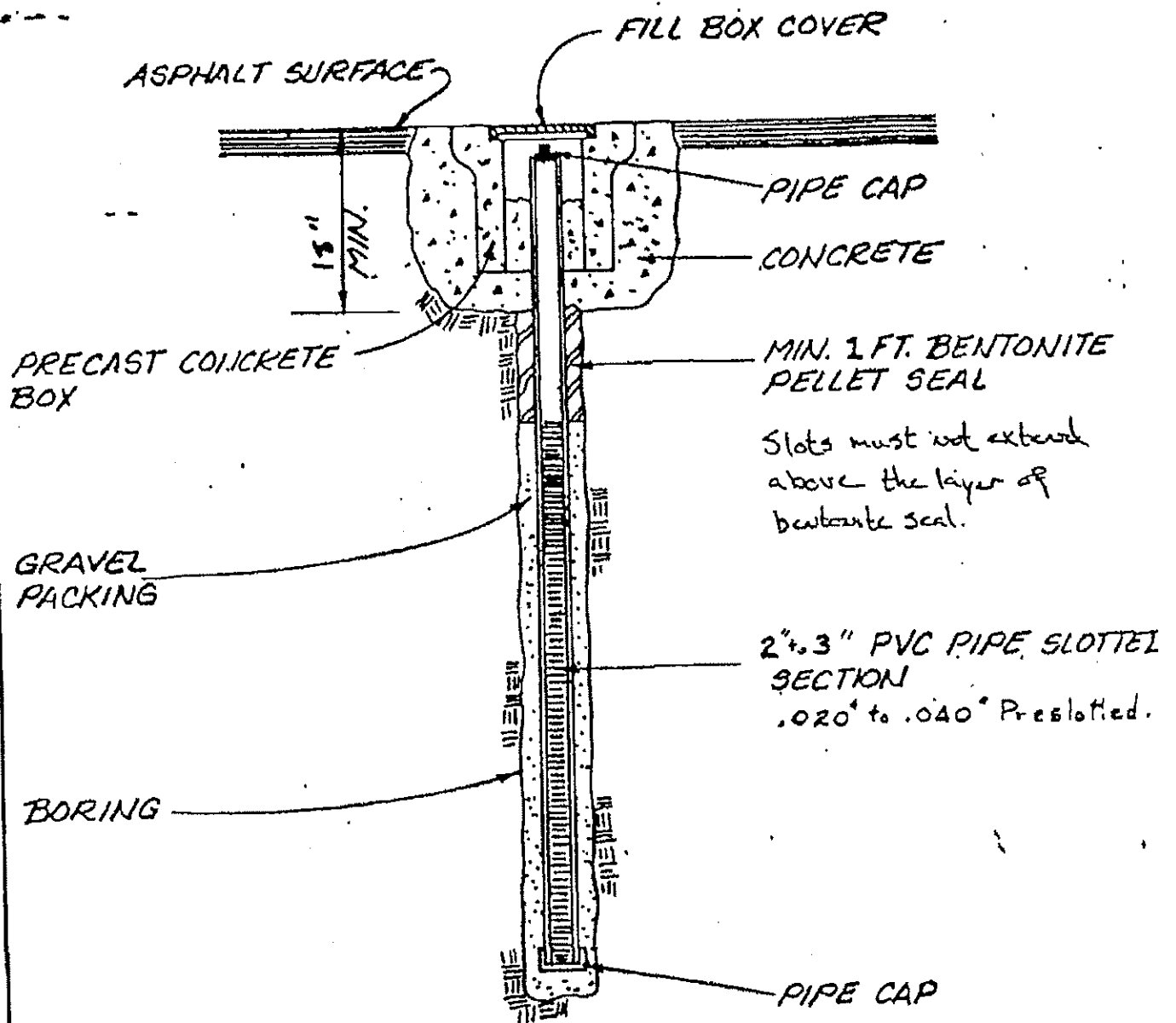
DEPTH	SAMPLE NO.	SOIL DESCRIPTION
- 0 ft.		
- 3"		A.C. PAVING
- 1'		BASE ROCK
- 2 1/2'		DARK BROWN CLAY & FILLS
- 7'		BROWN CLAY - DAMP
- 8'		DARK BROWN CLAY - DAMP
- 13'		OLIVE GREEN SILTY CLAY - MOIST
- 16'		BROWN SILTY CLAY - WET
- 21'		DARK GRAY CLAY - BAY MUD - WET
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		
-		

FOREMAN: DAVID BYRON SHEET: 1 OF 1

COMPANY: CAEURON U.S.A #1583 JOB NO: OR - 5111
 LOCATION: 5509 GROVE ST. DATE: 12.22.83
 CITY: OAKLAND WELL #: 3

DEPTH	SAMPLE NO.	SOIL DESCRIPTION
0 ft.		
3"		A.C. PAVING
8"		BASE ROCK
2'		DARK BROWN CLAY & FILLS
10'		BROWN CLAY - DAMP
11'		DARK BROWN CLAY - STIFF
14'		OLIVE GREEN SILTY CLAY - MOIST
18'		BROWN SILTY CLAY - WET
21'		DARK GRAY CLAY - BAY MUD - WET

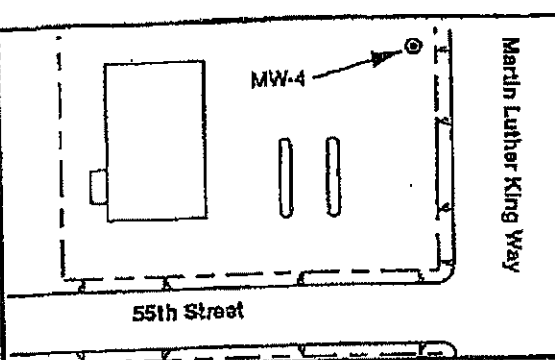
FOREMAN: David Byron SHEET: 1 OF 1



DEPTH OF HOLE: 20'

TOTAL NUMBER OF HOLES REQUIRED: 3

REV	◇		◇				
<p><u>PLANS & SPECIFICATIONS</u> <u>TYPICAL WELL PROFILE</u></p>							<p>DR <u>RB</u> CH.</p> <p>DR APP. _____</p> <p>ENGR. _____</p> <p>OP'G. DEPT. APPRO</p> <p>ENGR. DEPT. _____</p>
						2/1/83	
						SCALE <u>NONE</u> DATE _____	
						W.O. _____	
						S.O. _____	



LOG OF BORING MW-4

Chevron Service Station #9-1583 5509 Martin Luther King Way Oakland, California

Project No.: RC2603
 Logged By: Jkm Wilmerhor
 Drilling Co.: HEW
 Driller: Hanibal

Date Drilled: October 18, 1990
 Drilling Method: 8" Hollow Stem Auger.
 Sampling Method: 2" Split spoon
 Inclination: Vertical

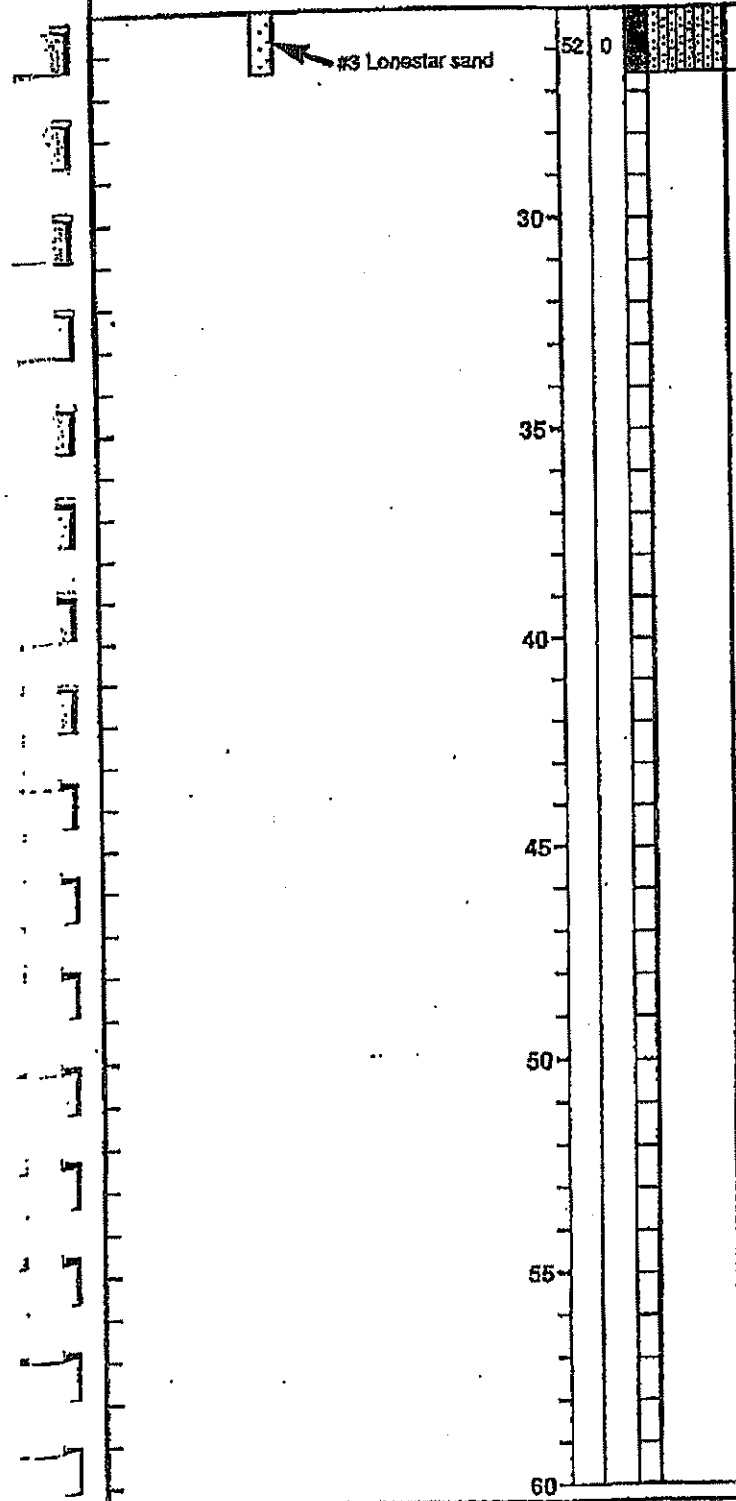
WELL CONSTRUCTION	Depth (ft)	Blowcnt.	Exp (ppm)	Samples	Graphic	DESCRIPTION
<p>8" Boring</p> <p>Water-tight Utility Box</p> <p>Locking water-tight cap</p> <p>Concrete</p> <p>Neat Cement</p> <p>2" Sch 40 PVC Blank casing</p> <p>Bentonite</p> <p># 3 Lonestar sand</p> <p>10/31/90</p> <p>10/18/90</p> <p>2" Sch 40 PVC 0.020" slotted casing</p>	0 5 10 15 20 25	0 8 0 3 5 10	0 0 0 25 0 0	0 0 0 0 0 0	0 0 0 0 0 0	<p>Surface Elevation: 84.50' Casing Elevation: 84.25'</p> <p>Asphaltic Concrete</p> <p>GRAVELLY SILT (ML), dark yellowish brown (10YR 3/4); sand backfill; gravel up to 30mm dia.; 10-20% sand; 10-20% coarse gravel; dry.</p> <p>CLAYEY SILT (ML), dark grayish brown (2.5Y 4/2); 10-20% clay; firm; moist.</p> <p>SILTY CLAY (CL), olive brown (2.5Y 4/4) mottled gray (7.5Y 5/1); 10 to 30% silt; firm; moist.</p> <p>@ 15 feet: gray (7.5Y 5/1) mottled strong brown (7.5YR 4/6); 10 to 20% silt; trace fine sand; ferro-magnesium staining; firm; wet.</p> <p>@ 20 feet: dark greenish gray (5GY 4/1); 5 to 15% silt; roots; charcoal (less than 5mm dia.); calciferous nodules (less than 5mm dia.); firm; moist to wet.</p> <p>SILTY SAND (SM), dark greenish gray (5GY 4/1) to (BG 4/1); fine grain; trace to 10% fine to coarse gravel (10 to 30 mm); trace to 10% clay; very dense; wet</p>

LOG OF BORING MW-4
(continued)

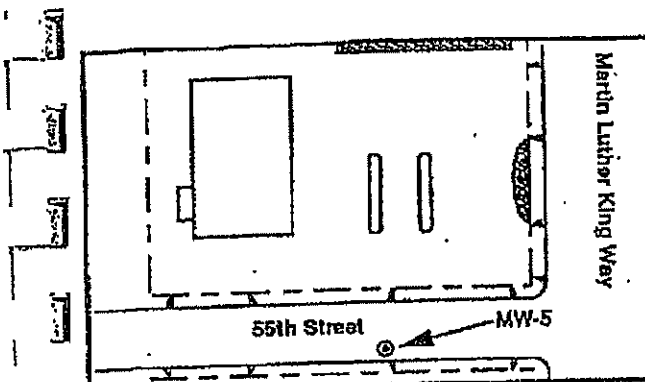
WELL CONSTRUCTION

DESCRIPTION

Depth (ft)
Blows/ft
PID
Sample
Graphic



Depth (ft)	Blows/ft	PID	Sample	Graphic	Description
0	52	0			SILTY SAND (SM), continued.
					Bottom of Boring: 26.5 Feet Time: 9:25 AM Date: 10/18/90
30					
35					
40					
45					
50					
55					
60					



LOG OF BORING MW-5

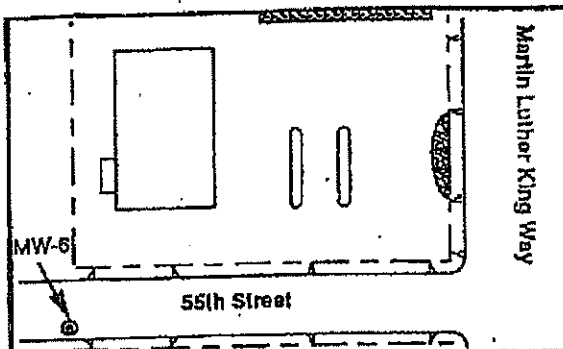
Chevron Service Station #9-1583

5509 Martin Luther King Way

Oakland, California

Project No.: RC2503 Date Drilled: October 18, 1990
 Logged By: Jim Wilmerher Drilling Method: 8" Hollow Stem Auger.
 Drilling Co.: HEW Sampling Method: 2" Split spoon
 Driller: Hanibal Inclination: Vertical

WELL CONSTRUCTION	Depth (ft.)	Blows/ft.	Exp (ft)	Samples	Graphic	DESCRIPTION
<p>City of Oakland Utility Box</p> <p>Locking water-tight cap</p> <p>Concrete</p> <p>Neat Cement</p> <p>2" Sch 40 PVC Blank casing</p> <p>Bentonite</p> <p>10/18/90</p> <p>10/31/90</p> <p># 3 Lonestar sand</p> <p>2" Sch 40 PVC 0.020" slotted casing</p> <p>8" Boring</p>	0					Surface Elevation: 82.24' Casing Elevation: 81.95' Asphaltic Concrete GRAVELLY SILT (ML) , backfill, dark yellowish brown (10 YR 3/4); 10 to 20% coarse gravel (less than 30mm dia.); 10 to 20% medium sand; dry.
	5					SANDY CLAY (CL) , dark brown (10YR 3/3); 20 to 30% fine to medium sand; trace to 10% silt; stiff; moist.
	10					CLAYEY SAND (SC) , dark greenish gray (5GY 4/1); fine grain; 10 to 20% clay; loose; wet.
	15					GRAVELLY CLAY (CL) , dark greenish gray (5GY 4/1); 10 to 20% fine gravel; trace to 10% coarse sand; wet.
	20					SAND (SP) light olive brown (2.5Y 5/4); fine to medium grain (30% medium grain); 10 to 20% silt; dense; wet. @ 16.5 feet: 10 to 20% coarse sand; trace to 5% fine gravel; moist. @ 20 feet: medium to coarse sand; trace to 10% fine gravel; trace coarse gravel. @ 20.5 feet: olive gray (5Y 5/2); trace fine gravel; wet. @ 21.5 feet: 10 to 15% silt; moist.
	25					CLAYEY GRAVEL (GC) , olive gray (5Y 5/2); coarse gravel 20 to 30% clay (gray); 10 to 15% silt; very stiff; moist.
	25					Bottom of Boring: 21.5 feet Time: 12:05 PST Date: 10/18/90



LOG OF BORING MW-6

Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

Project No.: RC2603 Date Drilled: October 18, 1990
 Logged By: Jim Wilmersher Drilling Method: 8" Hollow Stem Auger.
 Drilling Co.: HEW Sampling Method: 2" Split spoon
 Driller: Hanibal Inclination: Vertical

WELL CONSTRUCTION	Depth (ft.)	Blows/ft.	Exp (ppm)	Samples	Graphic	DESCRIPTION
<p>City of Oakland Utility Box</p> <p>Locking water-tight cap</p> <p>Concrete</p> <p>Neat Cement</p> <p>2" Sch 40 PVC Blank casing</p> <p>Bentonite</p> <p>10/31/90</p> <p>10/18/90</p> <p># 3 Lonestar sand</p> <p>2" Sch 40 PVC 0.020" slotted casing</p> <p>8" Boring</p>	0					Surface Elevation: 80.94' Casing Elevation: 80.60' Asphaltic Concrete SANDY SILT (ML), very dark grayish brown (2.5Y 3/2); 10 to 30% fine to medium sand; roots; worm borings; medium dense; moist.
	5					
	13					
	10					SILTY CLAY (CL) , gray (2.5 N/4) mottled light olive brown (2.5 4/3); 10 to 30% silt; stiff; moist.
	11					
	15					SANDY SILT (ML) , gray (5Y 6/1) mottled olive brown (2.5Y 4/4); 20 to 30% medium to fine sand; 10 to 20% clay; charcoal; stiff; wet.
	17					
	20					CLAYEY SILT (ML) , gray (5Y 6/1) mottled olive brown (2.5Y 4/4); 10 to 20% clay; trace to 10% fine gravel; moist to wet SANDY GRAVEL (GP) , yellow brown (10YR 5/3); fine gravel; 20 to 30% coarse sand; dense; wet.
	17					
	20					GRAVELLY CLAY (CL) , yellowish red (5YR 5/6); 10 to 20% coarse gravel; subangular; trace to 10% medium sand; ferro-magnesium staining; wet.
	25					Bottom of Boring: 20 feet Time: 07:53 PST Date: 10/18/90



GROUNDWATER
TECHNOLOGY

Drilling Log

Monitoring Well MW-7

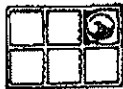
Project CHV/5509 Martin Luther King Jr. Way Owner Chevron U.S.A., Inc.
 Location Oakland, CA Proj. No. 020204528
 Surface Elev. 88.59 ft. Total Hole Depth 20 ft. Diameter 8 in.
 Top of Casing 86.36 ft. Water Level Initial 14 ft. Static 11.05 ft.
 Screen: Dia 2 in. Length 15 ft. Type/Size 0.020 in.
 Casing: Dia 2 in. Length 5 ft. Type PVC sch 40
 Fill Material #3 sand Rig/Core B-8U/Spill Spoon
 Drill Co. SES Inc. Method Hollow Stem Auger
 Driller Mike Duffy Log By Robert Fehr Date 2-22-94 Permit # N/A
 Checked By Michael Blandell License No. RB# 5146 *CLB*

See Site Map
For Boring Location

COMMENTS:

Depth to water was approximately 14 feet below grade on 2/22/94. Installed under Zone 7 Water Agency, permit No. 94097

Depth (ft.)	Well Completion	PID (ppm)	Sample ID	Blow Count/ Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2							
0					Asphalt	MC	
2							
4							
6		2.3	MW7 (5)	3 6 9			lean CLAY, dark brown, about 5% medium sand (moist, stiff, no hydrocarbon odor, medium plasticity)
8							
10		1.5		3 5 6		CL	same, grading to medium gray with mottled medium brown, increasing moisture. Water level, 3/9/94
12							
14							Water encountered during drilling 2/22/94
16		35.4	MW7 (15)	1 2 3			same, trace organic matter, (saturated, soft, slight hydrocarbon odor)
18							
20		1.9		2 3 7			lean CLAY, dark gray. (no hydrocarbon odor, high plasticity) End of boring at 20 feet below grade.
22							
24							



GROUNDWATER
TECHNOLOGY

Drilling Log

Monitoring Well MW-E

Project CHV/5508 Martin Luther King Jr. Hwy. Owner Chevron U.S.A., Inc.
 Location Oakland, CA Proj. No. 020204528
 Surface Elev. 86.30 ft. Total Hole Depth 20 ft. Diameter 8 in.
 Top of Casing 85.93 ft. Water Level Initial 14 ft. Static 10.58 ft.
 Screen Dia 2 in. Length 15 ft. Type/Size 0.020 in.
 Casing: Dia 2 in. Length 5 ft. Type PVC sch 40
 Fill Material #3 sand Rig/Core B-61/Spill Spoon
 Drill Co. SES Inc. Method Hollow Stem Auger
 Driller Mike Duffy Log By Robert Fehr Date 2-22-94 Permit # N/A
 Checked By Michael Bhundel License No. RG# 5146 *St. B.*

See Site Map
For Boring Location

COMMENTS:

Depth to water was approximately 14 feet below grade on 2/22/94. Install under Zone 1 Water Agency permit No. 94097

Depth (ft)	Well Completion	PID (ppm)	Sample ID	Blow Count/ X Recovery	Graphic Log	USCS Class.	Description
							(Color, Texture, Structure) Trace < 10X, Little 10X to 20X, Some 20X to 35X, And 35X to 50X
-2							
0						AC	Asphalt
2							
4							
6		1.5		3 5 7			lean CLAY, medium brown, (moist, stiff, no hydrocarbon odor, medium plasticity)
8							
10		1.5	MWB (10)	3 4 5		CL	same, grading to medium gray with mottled medium brown, increasing moisture, medium stiff. Water level, 3/9/94
12							
14							Water encountered during drilling 2/22/94
16		3.2	MWB (15)	2 3 3			same, medium brown with mottled dark brown, saturated.
18							
20		3.2		1 3 3			lean CLAY, dark gray, (saturated, soft, high plasticity), trace organic matter (0.25-inch wood fragment). End of boring at 20 feet below grade.
22							
24							



Conestoga-Rovers & Associates
 2000 Opportunity Drive, Suite 110
 Roseville, CA
 Telephone: 916-677-3407
 Fax: 916-677-3687

BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Co.</u>	BORING/WELL NAME	<u>B-1</u>
JOB/SITE NAME	<u>9-1583</u>	DRILLING STARTED	<u>04-Jan-07</u>
LOCATION	<u>5509 Martin Luther King Blvd., Oakland</u>	DRILLING COMPLETED	<u>04-Jan-07</u>
PROJECT NUMBER	<u>61H-1960</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>Cambric</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hand Auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>3 inches</u>	SCREENED INTERVAL	<u>NA</u>
LOGGED BY	<u>L. Gearhart</u>	DEPTH TO WATER (First Encountered)	<u>12.0 fbg (04-Jan-07)</u>
REVIEWED BY	<u>D. Herzog, PG# 7211</u>	DEPTH TO WATER (Static)	<u>NA</u>
REMARKS	<u></u>		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ftg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ftg)	WELL DIAGRAM
				0.5			Asphalt Fill	0.5	
0		B-103		2.0	CH		CLAY; dark brown; damp; 60% clay, 30% silt, 10% sand; high plasticity; low estimated permeability.	2.0	
				4.0				4.0	
0		B-108		5	CH		CLAY; brown; moist; 70% clay, 30% silt; high plasticity; low estimated permeability.		
							@ 6 fbg; dark brown.		
0		B-109		10	CH		CLAY with sand; gray; wet; 60% clay, 25% silt, 15% sand; high plasticity; low estimated permeability.	11.0	
				12.0				12.0	Bottom of Boring @ 12 fbg

WELL LOG (PID) [ROCK IN CHEVRON-1583 OAK AND RIGHTS-1583 GPJ DEFAULT.GDT 01/21/08]



Conestoga-Rovers & Associates
 2000 Opportunity Drive, Suite 110
 Roseville, CA
 Telephone: 916-677-3407
 Fax: 916-677-3687

BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Co.</u>	BORING/WELL NAME	<u>B-2</u>
JOB/SITE NAME	<u>9-1583</u>	DRILLING STARTED	<u>04-Jan-07</u>
LOCATION	<u>5509 Martin Luther King Blvd., Oakland</u>	DRILLING COMPLETED	<u>04-Jan-07</u>
PROJECT NUMBER	<u>81H-1960</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>Cambria</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hand Auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>3 inches</u>	SCREENED INTERVAL	<u>NA</u>
LOGGED BY	<u>J. Boslick</u>	DEPTH TO WATER (First Encountered)	<u>11.0 fbg (04-Jan-07)</u> ▽
REVIEWED BY	<u>D. Herzog, PG# 7211</u>	DEPTH TO WATER (Static)	<u>NA</u> ▽
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Fill	2.0	Concrete
0		B-2@3			CL		CLAY with sand; brown; dry; 60% clay, 20% silt, 20% sand; medium plasticity; moderate estimated permeability.	5.0	Portland Type VII
0		B-2@6			CH		CLAY; brown with red mottling; dry; fine grained sand; 75% clay, 15% silt, 10% sand; high plasticity; low estimated permeability.	7.0	
0		B-2@9			CH		CLAY; dark brown; dry; firm; 80% clay, 15% silt, 5% sand; high plasticity; low estimated permeability.	11.0	
								▽ 11.0	Bottom of Boring @ 11 fbg

WELL LOG (PID) KROCKLR\CH\CHEVRON\9-1583 OAKLAND\BINGKIT9-1583.GPJ DEFAULT.T.GDT 02/10/08



Conestoga-Rovers & Associates
 2000 Opportunity Drive, Suite 110
 Roseville, CA
 Telephone: 916-677-3407
 Fax: 916-677-3687

BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Co.</u>	BORING/WELL NAME	<u>B-3</u>
JOB/SITE NAME	<u>9-1583</u>	DRILLING STARTED	<u>03-Jan-07</u>
LOCATION	<u>5509 Martin Luther King Blvd., Oakland</u>	DRILLING COMPLETED	<u>03-Jan-07</u>
PROJECT NUMBER	<u>61H-1960</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>Cambria</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hand Auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>3 Inches</u>	SCREENED INTERVAL	<u>NA</u>
LOGGED BY	<u>L. Gearhart</u>	DEPTH TO WATER (First Encountered)	<u>11.0 fbg (03-Jan-07)</u>
REVIEWED BY	<u>D. Herzog, PG# 7211</u>	DEPTH TO WATER (Static)	<u>NA</u>
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0		B-303		0	CH		Asphalt	0.5	
0		B-308		1.0	CH		Base Rock	1.0	
0		B-309		5.0	CH		CLAY: brown; moist; 60% clay, 30% silt, 10% sand; high plasticity; low estimated permeability.	5.0	
0		B-309		7.0	CH		@ 7 fbg: dark brown; moist.		
0		B-309		8.0	CH		@ 8 fbg: gray with brown mottling; moist.		
				11.0				11.0	Bottom of Boring @ 11 fbg

WELL LOG (PID) H:\ROCK\JN\CHEVRONS-1583\OAKLAND\GINTS-1583.GPJ DEFAULT.GDT 02/1/07



Conestoga-Rovers & Associates
 2000 Opportunity Drive, Suite 110
 Roseville, CA
 Telephone: 916-677-3407
 Fax: 916-677-3687

BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Co.</u>	BORING/WELL NAME	<u>B-4</u>
JOB/SITE NAME	<u>9-1583</u>	DRILLING STARTED	<u>03-Jan-07</u>
LOCATION	<u>5509 Martin Luther King Blvd., Oakland</u>	DRILLING COMPLETED	<u>03-Jan-07</u>
PROJECT NUMBER	<u>61H-1960</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>Cambris</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hand Auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>3 inches</u>	SCREENED INTERVAL	<u>NA</u>
LOGGED BY	<u>J. Bostick</u>	DEPTH TO WATER (First Encountered)	<u>13.0 fbg (03-Jan-07)</u>
REVIEWED BY	<u>D. Herzog, PG# 7211</u>	DEPTH TO WATER (Static)	<u>NA</u>

REMARKS

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Concrete	0.5	
					SP		SAND	1.0	
0		B-4-03			CH		CLAY: dark brown with black mottling; moist; 60% clay, 30% silt 10% sand; high plasticity; low estimated permeability.	3.0	
					CH		CLAY: dark brown; moist; 70% clay, 25% silt, 5% sand; high plasticity; low estimated permeability.	5.0	
0		B-4-08		5	CL		Sandy CLAY: light brown; moist; fine grained sand; 50% clay, 30% sand, 20% silt; medium plasticity; moderate estimated permeability.	8.0	▲ Portland Type III
0		B-4-09			CH		CLAY: dark brown with red mottling; moist; 70% clay, 20% silt, 10% sand; high plasticity; low estimated permeability.	10.0	
				10	CL		CLAY with sand; gray with red mottling; moist; 50% clay, 25% sand, 25% silt; medium plasticity; moderate estimated permeability.	13.0	Bottom of Boring @ 13 fbg

WELL LOG (PID) IRROCKLIN,CHEVRON-1583 OAKLANDIGENT9-1583.GPJ DEFAULT.GDT 8/21/08



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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Co.</u>	BORING/WELL NAME	<u>B-5</u>
JOB/SITE NAME	<u>9-1583</u>	DRILLING STARTED	<u>04-Jan-07</u>
LOCATION	<u>5509 Martin Luther King Blvd., Oakland</u>	DRILLING COMPLETED	<u>04-Jan-07</u>
PROJECT NUMBER	<u>61H-1960</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>Cambria</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hand Auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>3 inches</u>	SCREENED INTERVAL	<u>NA</u>
LOGGED BY	<u>J. Bostick</u>	DEPTH TO WATER (First Encountered)	<u>(04-Jan-07)</u>
REVIEWED BY	<u>D. Herzog, PG# 7211</u>	DEPTH TO WATER (Static)	<u>NA</u>

REMARKS _____

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fsg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fsg)	WELL DIAGRAM
0		B-5@3				Asphalt FILL: brown; dry; medium to large grained sands; 40% sand, 35% gravel, 15% silt, 10% clay; high estimated permeability.	0.5	
0		B-5@5	5			@ 5 fsg: Refusal	5.5	Bottom of Boring @ 5.5 ibg

WELL LOG (PID) (ROCK) IN CHEVRON-1583 OAKLAND/GINTS-1583.GPJ DEFAULT.GDT 8/21/03



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 Roseville, CA
 Telephone: 916-677-3407
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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Co.</u>	BORING/WELL NAME	<u>VP-1</u>
JOB/SITE NAME	<u>9-1583 Oakland</u>	DRILLING STARTED	<u>26-Aug-08</u>
LOCATION	<u>5509 Martin Luther King Jr Way</u>	DRILLING COMPLETED	<u>26-Aug-08</u>
PROJECT NUMBER	<u>611960</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>V&W Drilling</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hand Auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>3-inch</u>	SCREENED INTERVAL	<u>5 to 5.5 fbg</u>
LOGGED BY	<u>O. Yan</u>	DEPTH TO WATER (First Encountered)	<u>NA</u>
REVIEWED BY	<u>James Kiernan, PE</u>	DEPTH TO WATER (Static)	<u>NA</u>

REMARKS

WELL LOG (PID) J:\ROCKLIN\CHEVRON\6119-1611960 - 9-1583 OAKLAND\611960-REPORTS\611960-RPT1-SOIL VAPOR ASSESSMENT RPT\9-1583 VAPOR PROBES 2008.GPJ DEFAULT.GDT 10/21/08

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.3		VP-1-3'					Asphalt	0.5	<p>Concrete</p> <p>1/4"-inner diam. Nylaflo® tubing</p> <p>Hydrated Bentonite Gel</p> <p>Dry granular bentonite</p> <p>Monterey Sand #2/16</p> <p>1"-diam., 0.010" Slotted Schedule 40 PVC</p> <p>Bottom of Boring @ 6 fbg</p>
					GC		Clayey GRAVEL with sand; brown; moist; 50% gravel, 25% sand, 25% clay; fine to medium grained sand; low plasticity; high estimated permeability.	1.0	
				5	CL		CLAY with sand; brown; moist; 70% clay, 15% silt, 15% sand; medium plasticity; low estimated permeability.	6.0	



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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Co.</u>	BORING/WELL NAME	<u>VP-2</u>
JOB/SITE NAME	<u>9-1583 Oakland</u>	DRILLING STARTED	<u>26-Aug-08</u>
LOCATION	<u>5509 Martin Luther King Jr Way</u>	DRILLING COMPLETED	<u>26-Aug-08</u>
PROJECT NUMBER	<u>611960</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>V&W Drilling</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hand Auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>3-Inch</u>	SCREENED INTERVAL	<u>5 to 5.5 fbg</u>
LOGGED BY	<u>O. Yan</u>	DEPTH TO WATER (First Encountered)	<u>NA</u> ▼
REVIEWED BY	<u>James Kiernan, PE</u>	DEPTH TO WATER (Static)	<u>NA</u> ▼

REMARKS

WELL LOG (PID) P:ROCKLIN,CHEVRON;6119-1611960 - 9-1583 OAKLAND;611960-REPORT;S611960-RPT1-SOIL VAPOR ASSESSMENT;RPT19-1583 VAPOR PROBES 2008.GPJ DEFAULT.GDT 10/21/08

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.2		VP-2-3'		0.2			Asphalt	0.5	<p>Concrete</p> <p>1/4"-inner diam. Nylaflo® tubing</p> <p>Hydrated Bentonite Gel</p> <p>Dry granular bentonite</p> <p>Monterey Sand #2/16</p> <p>1"-diam., 0.010" Slotted Schedule 40 PVC</p> <p>Bottom of Boring @ 6 fbg</p>
				0.5	GC		Clayey GRAVEL with sand; dark brown; moist; 50% gravel, 25% sand, 25% clay; fine to medium grained sand; low plasticity; high estimated permeability.	1.0	
				5.0	CL		CLAY with sand; dark brown; moist; 75% clay, 25% sand; medium plasticity; low estimated permeability.	6.0	



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 2000 Opportunity Drive, Suite 110
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BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Co.</u>	BORING/WELL NAME	<u>VP-3</u>
JOB/SITE NAME	<u>9-1583 Oakland</u>	DRILLING STARTED	<u>28-Aug-08</u>
LOCATION	<u>5509 Martin Luther King Jr Way</u>	DRILLING COMPLETED	<u>28-Aug-08</u>
PROJECT NUMBER	<u>611960</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>V&W Drilling</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hand Auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>3-inch</u>	SCREENED INTERVAL	<u>5 to 5.5 fbg</u>
LOGGED BY	<u>O. Yan</u>	DEPTH TO WATER (First Encountered)	<u>NA</u>
REVIEWED BY	<u>James Kiernan, PE</u>	DEPTH TO WATER (Static)	<u>NA</u>

WELL LOG (PID) I:\ROCKLIN\CHEVRON\8119-611960 - 9-1583 OAKLAND\611960-REPORTS\611960-RPT1-SOIL VAPOR ASSESSMENT RPT9-1683 VAPOR PROBES 2008 GPJ_DEFAULT.GDT_102108

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.1		VP-3-3'					Asphalt	0.5	<p>Concrete</p> <p>1/4"-inner diam. Nylaflow® tubing</p> <p>Hydrated Bentonite Gel</p> <p>Dry granular bentonite</p> <p>Monterey Sand #2/16</p> <p>1"-diam., 0.010" Slotted Schedule 40 PVC</p> <p>Bottom of Boring @ 6 fbg</p>
					GC		Clayey GRAVEL with sand: dark brown; moist; 50% gravel, 25% sand, 25% clay; fine to medium grained sand; low plasticity; high estimated permeability.	1.0	
					CL		CLAY: dark grey; moist; 70% clay, 20% silt, 10% sand; medium plasticity; low estimated permeability.		
				5			At 4 fbg dark brown.		
								6.0	



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 Roseville, CA
 Telephone: 916-677-3407
 Fax: 916-677-3687

BORING/WELL LOG

CLIENT NAME	<u>Chevron Environmental Management Co.</u>	BORING/WELL NAME	<u>VP-4</u>
JOB/SITE NAME	<u>9-1583 Oakland</u>	DRILLING STARTED	<u>26-Aug-08</u>
LOCATION	<u>5509 Martin Luther King Jr Way</u>	DRILLING COMPLETED	<u>26-Aug-08</u>
PROJECT NUMBER	<u>611960</u>	WELL DEVELOPMENT DATE (YIELD)	<u>NA</u>
DRILLER	<u>V&W Drilling</u>	GROUND SURFACE ELEVATION	<u>Not Surveyed</u>
DRILLING METHOD	<u>Hand Auger</u>	TOP OF CASING ELEVATION	<u>Not Surveyed</u>
BORING DIAMETER	<u>3-inch</u>	SCREENED INTERVAL	<u>5 to 5.5 fbg</u>
LOGGED BY	<u>O. Yan</u>	DEPTH TO WATER (First Encountered)	<u>NA</u>
REVIEWED BY	<u>James Kiernan, PE</u>	DEPTH TO WATER (Static)	<u>NA</u>

REMARKS

WELL LOG (PID) I:\ROCKLJN.CHEVRON\811960 - 9-1583 OAKLAND\611960-REPORTS\611960-RPT1-SOIL VAPOR ASSESSMENT RPT\9-1583 VAPOR PROBES 2008.GPJ DEFAULT.GDT 10/21/08

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.3		VP-4-3'					Asphalt	0.7	<p>Concrete</p> <p>1/4"-inner diam. Nylaflo® tubing</p> <p>Hydrated Bentonite Gel</p> <p>Dry granular bentonite</p> <p>Monterey Sand #2/16</p> <p>1"-diam., 0.010" Slotted Schedule 40 PVC</p> <p>Bottom of Boring @ 6 fbg</p>
					GC		Clayey GRAVEL with sand: dark brown; moist; 50% gravel, 25% sand, 25% clay; fine to medium grained sand; low plasticity; high estimated permeability.	1.2	
					CL		Sandy CLAY: dark brown; moist; 50% clay, 30% sand, 20% silt; low plasticity; moderate estimated permeability.	2.0	
					CL		CLAY: dark brown; moist; 70% clay, 20% silt, 10% sand; medium plasticity; low estimated permeability.	5.0	
				5					
								6.0	



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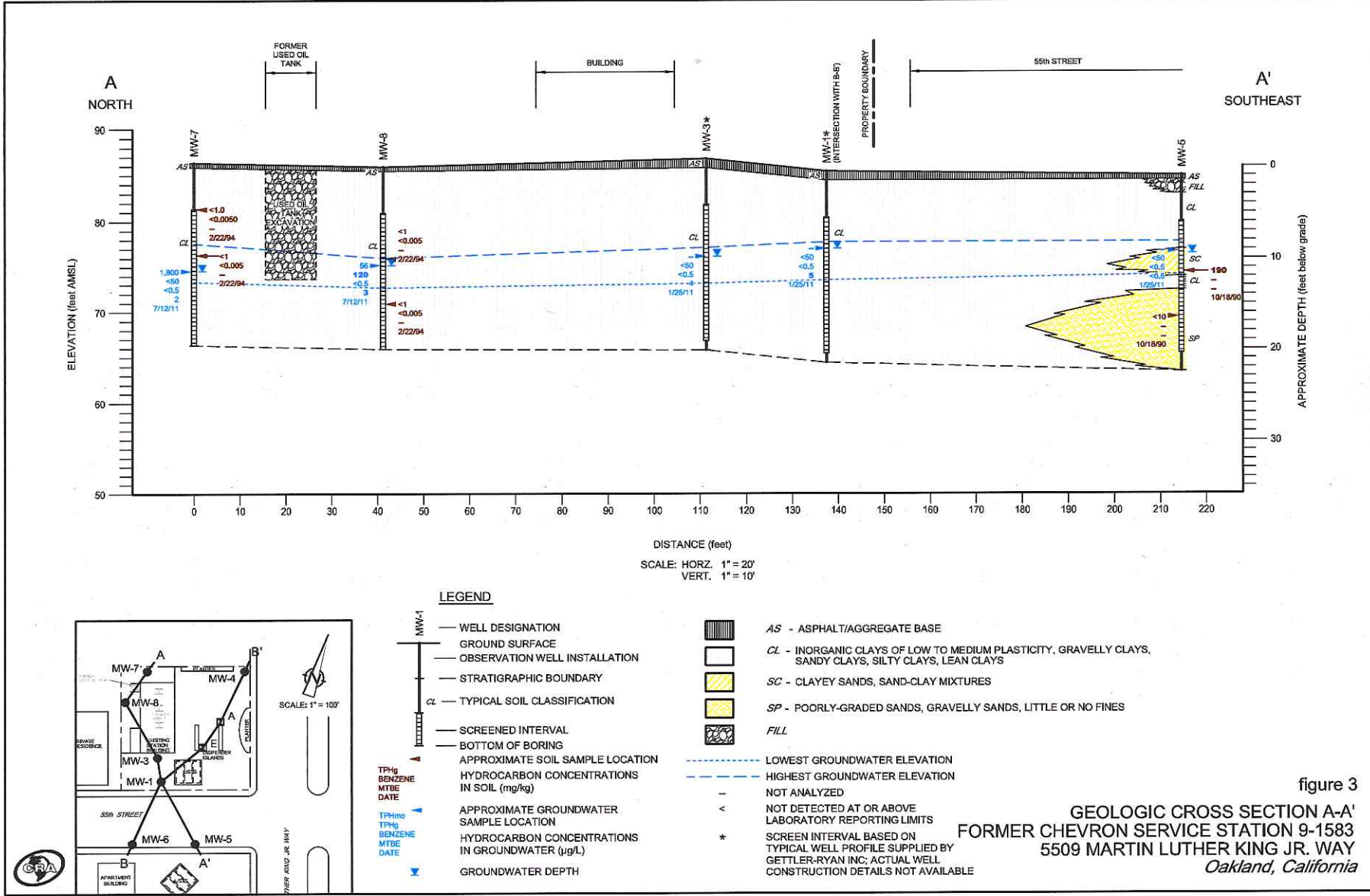
BORING/WELL LOG

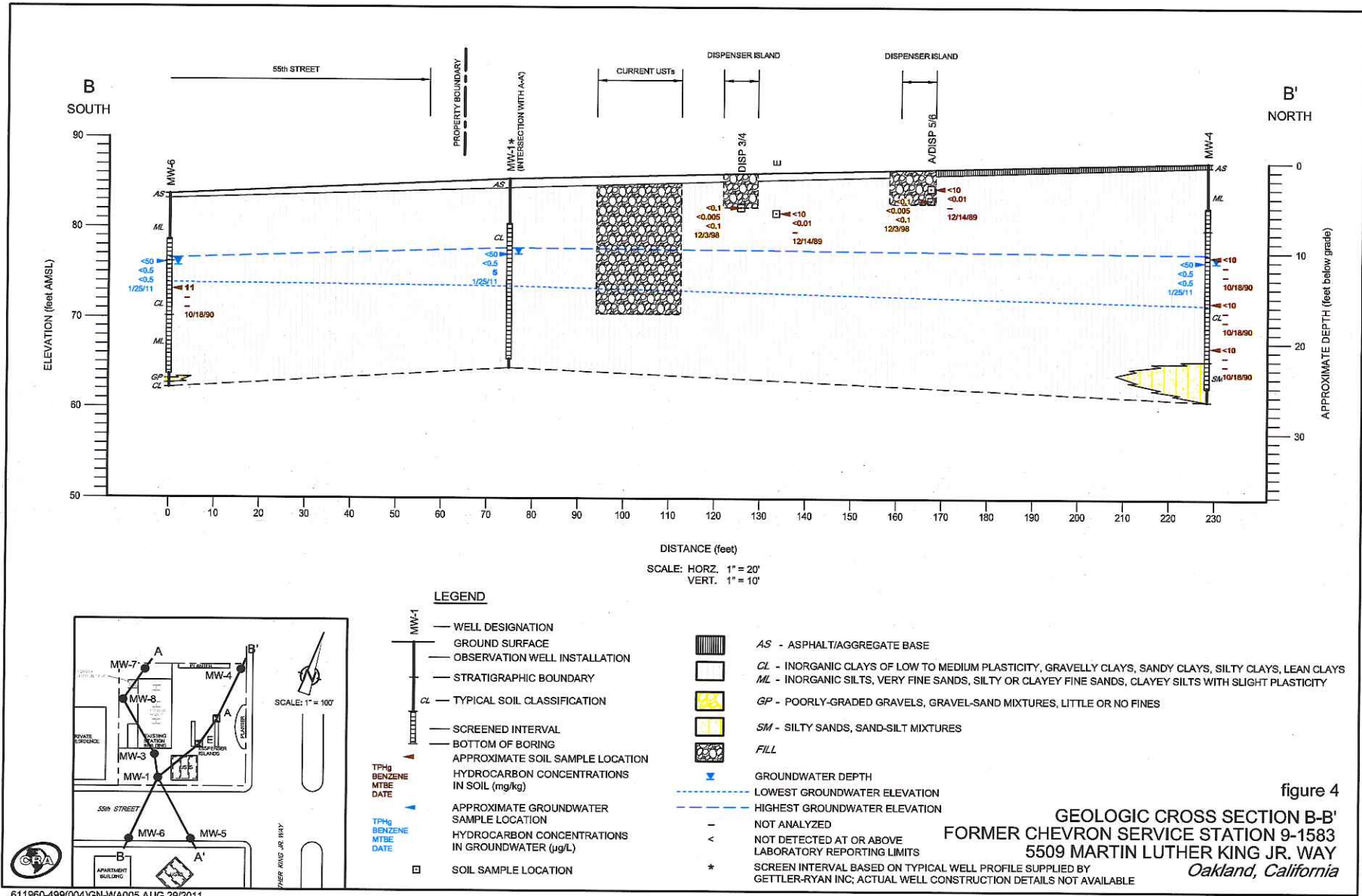
CLIENT NAME	Chevron Environmental Management Co.	BORING/WELL NAME	VP-5
JOB/SITE NAME	9-1583 Oakland	DRILLING STARTED	26-Aug-08
LOCATION	5509 Martin Luther King Jr Way	DRILLING COMPLETED	26-Aug-08
PROJECT NUMBER	611960	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	V&W Drilling	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hand Auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	3-inch	SCREENED INTERVAL	5 to 5.5 fbg
LOGGED BY	O. Yan	DEPTH TO WATER (First Encountered)	NA
REVIEWED BY	James Kiernan, PE	DEPTH TO WATER (Static)	NA

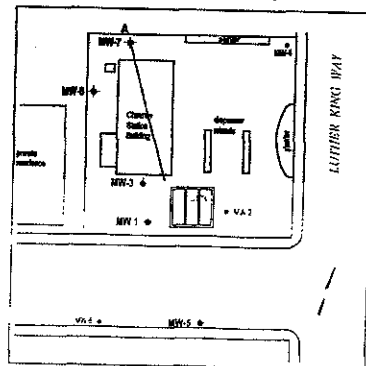
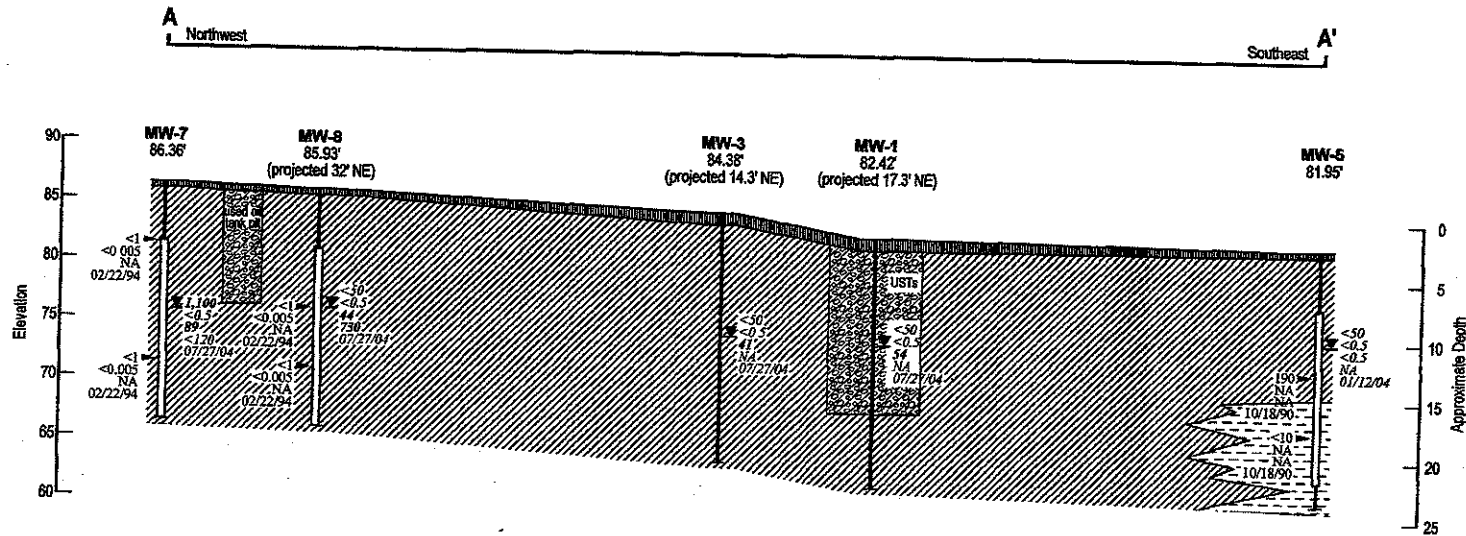
REMARKS

WELL LOG (PID) E:\ROCKLIN\CHEVRON\611960 - 9-1583 OAKLAND\611960-REPORTS\611960-RPT1-SOIL VAPOR ASSESSMENT RPT\9-1583 VAPOR PROBES 2008.GPJ DEFAULT.GDT 10/21/08

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0.3		VP-5-3'		CL		Asphalt	0.5	<p>Concrete</p> <p>1/4"-inner diam. Nylaflo® tubing</p> <p>Hydrated Bentonite Gel</p> <p>Dry granular bentonite</p> <p>Monterey Sand #2/16</p> <p>1"-diam., 0.010" Slotted Schedule 40 PVC</p> <p>Bottom of Boring @ 6 fbg</p>
				GC		<p>Clayey GRAVEL with sand: dark brown; moist; 50% gravel, 25% sand, 25% clay; fine to medium grained sand; low plasticity; high estimated permeability.</p> <p>CLAY: dark grey; moist; 70% clay, 20% silt, 10% sand; medium plasticity; low estimated permeability.</p>	1.0	
			5				6.0	







EXPLANATION

- = Low Permeability Soils
- = High Permeability Soils
- = Fill (Tank Pit)
- = Approximate sample location
- Hydrocarbon concentrations in Soil in parts per million and Date of sample

Well ID — Well Designation
Elev. — Top of Casing Elevation

- Groundwater Monitoring Well
- Well Screen Interval
- Bottom of boring
- Depth of Groundwater
- Hydrocarbon concentrations in groundwater in parts per billion and Date of sample

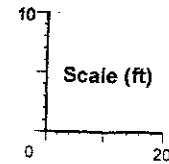
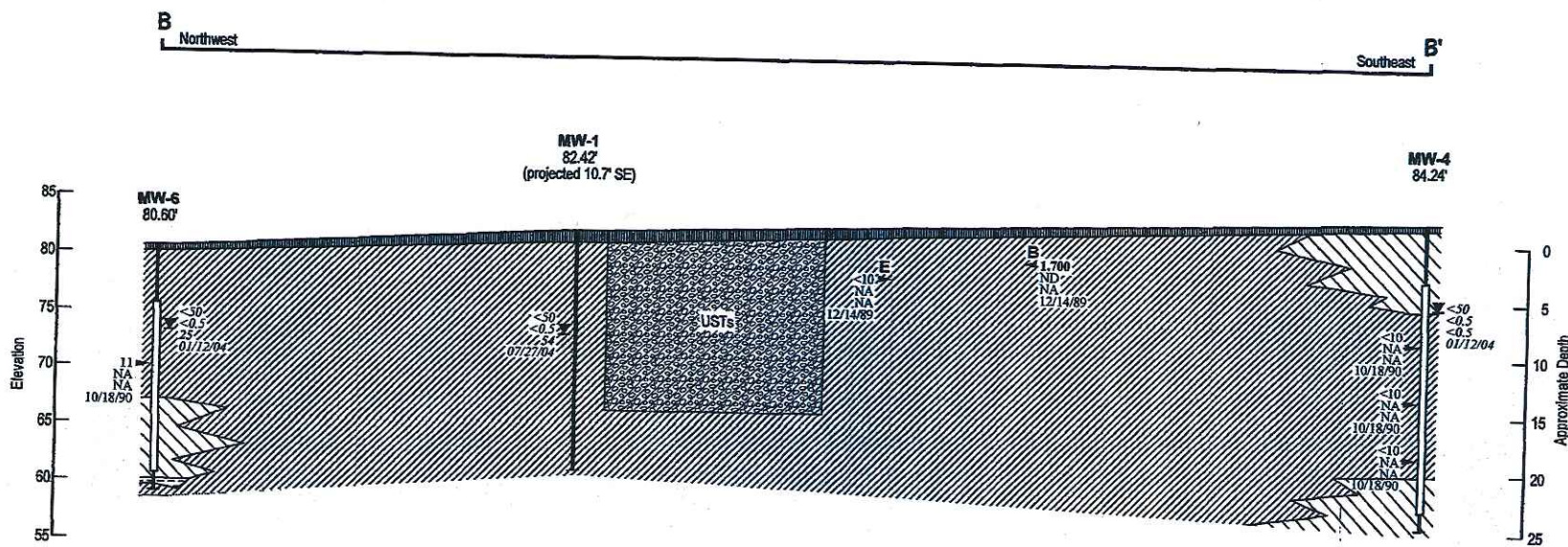


FIGURE
3

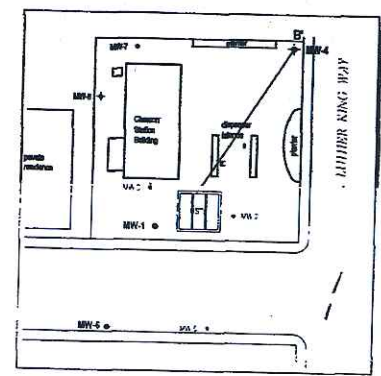
Geologic Cross Section A-A'



Chevron Service Station 9-1583
 5609 Martin Luther King Way
 Oakland, California



Geologic Cross Section B-B'



EXPLANATION

- [Diagonal lines /] = Low Permeability Soils
- [Diagonal lines \] = Moderate Permeability Soils
- [Horizontal lines] = High Permeability Soils
- [Stippled] = Fill (Tank Pit)

Approximate sample location

Hydrocarbon concentrations in Soil in parts per million and Date of sample

Well ID — Well Designation
Elev. — Top of Casing Elevation

- [Vertical line with screen] — Groundwater Monitoring Well
- [Horizontal line] — Well Screen Interval
- [Bottom line] — Bottom of boring
- [Triangle symbol] — Depth of Groundwater

Hydrocarbon concentrations in groundwater, in parts per billion and Date of sample

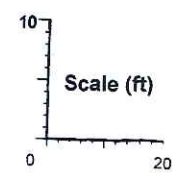


FIGURE 4

Chevron Service Station 9-1583
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 Oakland, California