ExxonMobil
Refining & Supply Company
Global Remediation
4096 Piedmont Avenue #194
Oakland, CA 94611
510.547.8196
510.547.8706 FAX
jennifer c sedlachek@exxonmobil.com

Jennifer C. Sedlachek
Project Manager

ExxonMobil
Refining & Supply

December 28, 2006

Mr. Steven Plunkett
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Subject: Former Mobil Station 04-FGN, 14994 East 14th Street, San Leandro, California

Dear Mr. Plunkett:

Attached for your review and comment is a copy of the *Data Submittal and Request for Case Closure* for the above-referenced site. This request was prepared in response to a meeting with the Alameda County Health Care Services Agency (ACHCSA) on October 27, 2005 and subsequent correspondence with the ACHCSA.

At the meeting, it was decided that a letter would be submitted which included a copy of the previous closure request, a comparison of site analytical data versus the current Environmental Screening Levels, a summary of the soil excavated from the site, and a summary of the residual concentrations of hydrocarbons in soil and groundwater. In a conversation with the ACHCSA on December 7, 2006, a well survey for groundwater wells within the vicinity of the site was requested.

Based on the results presented in the attached document and in previous documents submitted to the ACHCSA, ExxonMobil proposes closing the environmental investigation at the site and destroying the remaining wells accordingly.

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ETIC Data Submittal and Request for Case Closure dated December 28, 2006

c: w/ attachment:
Ms. Jana Gluckman (property owner)

c: w/o attachment:
Ms Christa Marting - ETIC Engineering, Inc.

ETIC ENGINEERING

28 December 2006

Jennifer C. Sedlachek
ExxonMobil Refining and Supply Company
4096 Piedmont Avenue #194
Oakland, California 94611

Subject: ***Data Submittal and Request for Case Closure***
Former Mobil Station 04-FGN
14994 East 14th Street, San Leandro, California

Dear Ms. Sedlachek:

At the request of ExxonMobil Oil Corporation (ExxonMobil), ETIC Engineering, Inc. (ETIC) has prepared this *Data Submittal and Request for Case Closure* for the site referenced above (Figure 1). This request was prepared in response to a meeting with the Alameda County Health Care Services Agency (ACHCSA) on 27 October 2005 and subsequent correspondence with the ACHCSA.

At the meeting, it was decided that a letter would be submitted which included a copy of the previous closure request, a summary of excavation activities at the site, a comparison of site analytical data versus the current Environmental Screening Levels, and a summary of the residual concentrations of hydrocarbons in soil and groundwater. In a conversation with the ACHCSA on 7 December 2006, a well survey for groundwater wells within the vicinity of the site was requested.

PREVIOUS CASE CLOSURE REQUEST AND SUBSEQUENT REPORTS

A Formal Case Closure Request, dated 23 November 1998, was previously submitted by Alton Geoscience to the ACHCSA for the site which recommended that the site be granted case closure with no further action (Alton 1998). A review of the case file at the ACHCSA was conducted by ETIC on 5 August 2004 and no response by the ACHCSA to that report was found. A copy of the closure request is provided as Attachment A.

Since the submittal of the Formal Case Closure Request, the only additional report submitted to the ACHCSA for the site with the exception of groundwater monitoring reports is a Well Abandonment Report dated 12 April 2000 by TRC/Alton Geoscience. The report details the destruction of wells MW4A through MW7A by the pressure grouting method of well destruction (TRC 2000). A copy of the report is provided as Attachment B.

Groundwater monitoring was last performed in July 2004. Figure 2 shows the results from the July 2004 monitoring event (ETIC 2004). A copy of that groundwater monitoring report is provided as Attachment C.

SITE BACKGROUND

Former Mobil Station 04-FGN is currently in use as a retail shopping center. The site is located at the northwest corner of the intersection of East 14th Street and 150th Avenue in San Leandro, California (Figure 1). Three groundwater monitoring wells, MW1A through MW3A, exist at the site (Figure 2). Well construction details are summarized in Table 1.

Summary of Soil Excavation Activities and Residual Hydrocarbon Concentrations

According to the closure request (Alton 1998), in 1984 Mobil discontinued fuel dispensing operations at the site. In 1987, three unleaded gasoline tanks of unknown size, one used-oil tank of unknown size, and the associated fuel dispensers and piping were removed from the site (Figure 2). During removal activities an unknown quantity of soil was excavated from the tank cavity. These activities were conducted by the property owner.

In September 1987, the Alameda County Environmental Health Department (ACEHD) collected and analyzed soil samples from a Pacific Gas and Electric Company (PG&E) excavation in the sidewalk to the southeast of the site (Figure 2). The County reported that the soil cuttings from the PG&E excavation contained oil and grease at a concentration of 45,000 mg/kg (Subsurface 1987). On 29 September 1987, Subsurface Consultants, Inc. (Subsurface) advanced soil borings SCB-1 through SCB-6 near the PG&E excavation (refer to Figure 3 in the attached Alton 1998 report for the locations of the borings). The soil borings ranged in total depth from 9.5 to 13.5 feet below ground surface (bgs). Total Petroleum Hydrocarbons as gasoline (TPH-g) were detected at concentrations of 72 mg/kg (SCB-1, 4.0 feet bgs) and 320 mg/kg (SCB-3, 8.5 feet bgs). Total Petroleum Hydrocarbons as diesel (TPH-d) were detected at a concentration of 200 mg/kg (SCB-1, 4.0 feet bgs). Benzene was detected at a concentration of 6.6 mg/kg (SCB-6, 5.0 feet bgs) (Subsurface 1987).

In March 1988, Subsurface overexcavated soil around the former PG&E excavation. The lateral extent of the overexcavation is shown on Figure 2. The depth of the excavation is unknown (Alisto 1994). Soil analytical results are summarized in the attached closure request (Alton 1998).

Summary of Additional Site Assessment and Residual Hydrocarbon Concentrations

In March 1988, Subsurface installed groundwater monitoring well MW1A. No soil analytical results from boring MW1A were reported (Alton 1998).

Soil borings B-1 through B-4 were advanced in February 1994 to depths ranging from 11.5 to 25 feet bgs (refer to Figure 3 in the attached Alton 1998 report for the locations of the borings). TPH-g and

TPH-d were detected in soil at maximum concentrations of 4,100 mg/kg and 650 mg/kg, respectively (B-4, 6.5 feet bgs). Benzene was detected at a maximum concentration of 1.2 mg/kg (B-1, 11.5 feet bgs). Borings B-2 and B-3 were converted into groundwater monitoring wells MW2A and MW3A (Alisto 1994).

In June 1995, soil borings B-5 through B-9 and MW4A through MW6A were advanced to depths ranging from 15.5 to 26.5 feet bgs (refer to Figure 3 in the attached Alton 1998 report for the locations of the borings). TPH-g and TPH-d were detected in soil at maximum concentrations of 130 mg/kg and 8.1 mg/kg, respectively (B-7, 11.5 feet bgs). Benzene was detected at a maximum concentration of 0.28 mg/kg (B-7, 11.5 feet bgs). Borings MW4A through MW6A were completed as groundwater monitoring wells. Soil boring MW7A was advanced in July 1995 and completed as a groundwater monitoring well. TPH-g and benzene were not detected in soil samples collected from boring MW7A (Alisto 1994). Soil analytical results are summarized in the attached closure request (Alton 1998).

Groundwater monitoring was conducted at the site between March 1988 and July 2004. Wells MW4A through MW7A were decommissioned in March 2000 (TRC 2000). Maximum concentrations of benzene and TPH-g in groundwater were 18.7 µg/L (MW1A) and 2,250 µg/L (MW3A), respectively. Methyl tertiary butyl ether was not reported at concentrations above the laboratory reporting limit in any wells. Figure 2 shows the results from the most recent groundwater monitoring event (ETIC 2004). Historical groundwater analytical results are summarized in the attached groundwater monitoring report in Attachment C. Well construction details are summarized in Table 1.

WELL SEARCH

The locations of wells within a 2,000-foot radius of the site, based on California Department of Water Resources (DWR) records, a database search by Environmental Data Resources, Inc. (EDR), and information provided by the previous consultant are summarized below. The EDR report is included in this report as Attachment D. ETIC also contacted the local water purveyors to obtain information on wells in the vicinity of the site and conducted a site reconnaissance to look for evidence of any additional wells. The groundwater flow direction is generally toward the south at varying shallow hydraulic gradients.

Department of Water Resources Records

The previous consultant obtained Well Completion Reports from the DWR for all wells within a 2,000-foot radius of the site.

The DWR reports identify 5 domestic wells within 2,000 feet of the site. The wells are located southwest of the site, and the nearest well is 1,800 feet from the site. The wells were all installed in 1977 and their current status is unknown. Well completion data indicate that 4 of the wells were used for irrigation purposes and 1 for domestic uses. Well locations are presented on Figure 1. No

additional wells were identified during the site reconnaissance performed by ETIC in November 2006. These wells are located 1,800 feet or more from the site to the southwest and are not likely to be impacted by groundwater conditions at the site.

In April 1998, Alton conducted a well survey with Alameda County Public Works Agency. The results of the well search are summarized in the attached Formal Case Closure Request. The search identified two irrigation wells, one located approximately 1,500 feet to the northeast and one located approximately 2,000 feet to the northwest (Alton 1998). The locations of the wells were not shown on a map in the Alton report and are therefore not shown on Figure 1. The wells were not identified in the records obtained from the DWR. The distance to the site and upgradient location of the two wells indicate that the wells are unlikely to be impacted by groundwater conditions at the site.

Environmental Data Resources, Inc. Report

An electronic search of environmental records for wells within a 1-mile radius of the site was performed by Environmental Data Resources, Inc. (EDR). The EDR report is presented in Attachment D. The report did not indicate the presence of any wells within a 1-mile radius of the site.

Local Water Purveyors

In 2006, ETIC contacted the East Bay Municipal Utility District (EBMUD). EBMUD indicated that they are the water purveyor for the site. The 2005 Annual Water Quality Report, provided in Attachment E, indicates that EBMUD uses only surface water and not groundwater for their supply.

UPDATED RISK SCREENING VALUES

The Formal Case Closure Request (Alton 1998) concluded with the fact that the current site conditions meet the qualifications for a "Low Risk Groundwater Case" as defined by the RWQCB Interim Guidance on Required Cleanup at Low Risk Fuel Sites (RWQCB 1996).

In support of this conclusion, the exposure pathways were reevaluated with respect to the latest Environmental Screening Levels (ESLs) as part of a Tier I screening of potential human health risks associated with chemicals of potential concern (COPCs) in the soil and groundwater beneath the site. As a part of this evaluation, all historical soil data were evaluated. Maximum concentrations in soil from locations which were not affected by excavation were used in this evaluation. The results of this screening are detailed below.

Exposure Assessment

The current onsite land use is characterized as light commercial/industrial, which consists of a retail shopping center with paved surface. Land use in the vicinity is also commercial/industrial. Groundwater beneath the site occurs at approximately 9 to 11 feet bgs. There are two irrigation wells located approximately 1,500 to 2,000 feet upgradient (northeast and northwest, respectively) of

the site. Also, one domestic well and four irrigation wells are located within 2,000 feet downgradient (southwest) of the site.

Based on the above site conditions, potential exposure pathways and receptors were evaluated as follows:

Daily Site Occupants

Due to the presence of a paved surface across the entire site, direct exposure (incidental ingestion and dermal contact) to chemicals of potential concern (COPCs) in soil at the site are considered incomplete for daily site occupants. Should the paved surface at the site be removed in the future, then potential direct exposure to COPCs in shallow soil (0 to 10 feet bgs) may be considered complete.

Based on the current site land use, the absence of onsite water supply wells, and existing paved surface, direct exposure to groundwater by daily site occupants is considered incomplete.

Due to the volatile nature of select COPCs, exposure pathways associated with emission of volatiles from shallow soils and groundwater to indoor air is considered complete for daily site occupants. Based on the historical soil COPC concentration data and the depth to groundwater, exposure pathways associated with emission of volatiles from deep soils (> 10 feet bgs) to indoor air are considered incomplete for daily site occupants.

Future Construction/Maintenance Workers

To the extent where future construction/maintenance work at the site may involve penetration of the paved surface, then future construction/maintenance workers may also be exposed to COPCs in shallow soil (0 to 10 feet bgs). Therefore, the direct exposure pathway to shallow soils for future construction/maintenance workers is considered complete.

Given the onsite land use, it is not likely that construction/maintenance work will require penetration to depths corresponding to the water table; hence, construction/maintenance worker exposure to groundwater COPCs is considered incomplete. Moreover, potential exposure to groundwater by construction workers would be addressed by a site-specific worker health and safety plan and relevant dewatering options and/or use of personal protective equipment.

Offsite Receptors

Offsite land use in the immediate vicinity of the site is commercial/light industrial. The potential irrigation wells listed in the well search section of this report are not expected to be under the effect of groundwater migration from the site. There are no public water supply wells located within a ½-mile radius of the site. Therefore, the sole potential at downgradient offsite locations for exposure to

COPCs is emission of volatiles from groundwater emanating from the site. Offsite receptors may be exposed to vapor emissions from groundwater migrating from the subject site onto offsite properties.

To the extent where nearby offsite properties have the same land use (i.e., commercial/industrial) as the subject property and COPC concentrations in groundwater beneath offsite locations will necessarily be less than those onsite, then the results of the onsite groundwater to indoor air pathway may be used to conservatively evaluate the significance, if any, of the offsite groundwater to indoor air pathway. Therefore, the groundwater to indoor air exposure pathway is evaluated for onsite commercial/industrial land use only.

Tier I Screening of Potential Health Risks

As the first step toward evaluation of potential health risks associated with COPCs at the site, a Tier I analysis was performed. This analysis consisted of a comparison of the site maximum soil and groundwater concentrations to relevant Environmental Screening Levels (ESLs) adopted by the San Francisco Bay Regional Water Quality Control Board (RWQCB 2005) and corresponding to each of the complete exposure pathways discussed above. This comparison is summarized in Tables 2 through 4.

Table 2 summarizes a comparison of the historical maximum COPC concentration in shallow soil (0 to 10 feet bgs) versus ESLs corresponding to direct exposure by commercial/industrial workers (Table K-2, RWQCB 2005) and future construction/trench workers (Table K-3, RWQCB 2005). As indicated in this table, except for TPH-g, none of the COPC concentrations in shallow soils exceed the relevant ESLs. The TPH-g concentration (4,100 mg/kg) exceeds the commercial/industrial land use ESL of 750 mg/kg; however, the concentration is lower than the construction/trench worker ESL of 6,000 mg/kg. This TPH-g concentration was detected in February 1994, which may be subjected to proven natural attenuation and biodegradation processes over time. Therefore, the TPH-g concentration is not likely to present a significant risk to daily site occupants corresponding to commercial/industrial land use.

Table 3 summarizes a comparison of the historical maximum COPC concentrations in shallow soil (0 to 10 feet bgs) to commercial/industrial cancer and non-cancer end-point ESLs for potential vapor intrusion concerns (Table E-1b, RWQCB 2005). As seen in this table, the COPC concentrations in shallow soils do not exceed the relevant ESLs.

Table 4 summarizes a comparison of maximum COPC concentrations in groundwater beneath the site over the last two years of sampling (January 2003 to July 2004) to groundwater screening levels for potential vapor intrusion concerns corresponding to onsite commercial/industrial land use (Table E-1a, RWQCB 2005). As indicated in the table, none of the COPC groundwater concentrations exceed the relevant ESLs.

Based on the above screening, site-related COPCs in soil and groundwater do not present significant health risks to current and future onsite occupants, and offsite receptors.

CONCLUSIONS

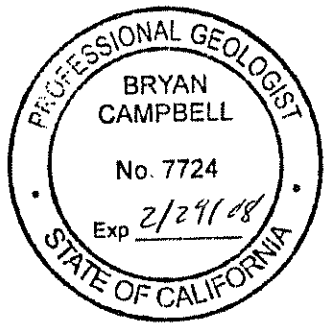
Based on these results and a review of the site data previously submitted, ETIC recommends case closure and the destruction of the remaining wells.

If you have any questions or comments, please contact us at (925) 602-4710.

Sincerely,

Tracy Iob
Project Manager

Vibhav Mankad
Project Engineer



Bryan Campbell, P.G. #7724
Senior Geologist

Enclosures:

Figure 1 – Regional Area Map
Figure 2 – Site Map Showing Groundwater Elevations and Analytical Results
Table 1 – Well Construction Details
Table 2 – Tier I Environmental Screening Levels for Shallow Soil (Direct Exposure)
Table 3 – Tier I Environmental Screening Levels for Shallow Soil (Potential Vapor Intrusion Concerns)
Table 4 – Tier I Environmental Screening Levels for Groundwater
Attachment A – Formal Case Closure Request
Attachment B – Well Abandonment Report
Attachment C – Semi-Annual Groundwater Monitoring Report
Attachment D – EDR Report
Attachment E – EBMUD 2005 Annual Water Quality Report

References:

Alisto (Alisto Engineering Group). 1994. Preliminary Site Investigation Report, Former Mobil Oil Corporation Station 04-FGN, 14994 East 14th Street, San Leandro, California. Alisto, Walnut Creek, California. April.

Alton (Alton Geoscience). 1998. Formal Case Closure Request, Former Mobil Station No. 04-FGN, 14994 East 14th Street, San Leandro, California. Alton, Livermore, California. November.

ETIC (ETIC Engineering, Inc.). 2004. Semi-Annual Groundwater Monitoring Report, Third Quarter 2004, Former Mobil Station 04-FGN, 14994 East 14th Street, San Leandro, California. ETIC, Pleasant Hill, California. September.

RWQCB (California Regional Water Quality Control Board, San Francisco Bay Region). 1996. Supplemental Instructions to State Water Board, December 8, 1995, Interim Guidance on Required Cleanup at Low Risk Fuel Sites. January.

RWQCB (California Regional Water Quality Control Board, San Francisco Bay Region). 2005. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater. Interim-Final. February with March Updates.

Subsurface (Subsurface Consultants, Inc.). 1987. Preliminary Geotechnical Services re: Soil Contamination, 150th Avenue and East 14th Street, San Leandro, California. Subsurface, Oakland, California. October.

TRC (TRC/Alton Geoscience). 2000. Well Abandonment Report, Former Mobil Station 04-FGN, 14994 East 14th Street, San Leandro, California. TRC, Concord, California. April.

Figures

LEGEND:

0	⊕	ACTIVE PUBLIC WATER SUPPLY WELL
0	⊠	INACTIVE PUBLIC WATER SUPPLY WELL
0	⊕	UNKNOWN PUBLIC WATER SUPPLY WELL
0	⊕	ACTIVE PRIVATE WELL
0	⊠	INACTIVE PRIVATE WELL
5	⊕	UNKNOWN PRIVATE WELL

N

0 2,000

Scale (feet)

Note: Public water supply wells shown within 1500m (4921 ft.)
Private wells shown within 300m (984 ft.).

(Map Source: USGS Topography Map)

ETIC ENGINEERING

REGIONAL AREA MAP
FORMER MOBIL STATION 04-FGN
14994 EAST 14th STREET
SAN LEANDRO, CALIFORNIA

FIGURE: 1

FILENAME: topo1206.DWG 12/20/06

GW Approximate Groundwater Flow Direction
Gradient = 0.007

LEGEND:

- MW2 ⊕ Mobil groundwater monitoring well
- MW1 ⊗ Destroyed monitoring well location
- MW1 ◑ Unocal groundwater monitoring well
- (5.59) Groundwater elevation (feet)
- TPH-g Total Petroleum Hydrocarbons as gasoline
- MTBE Methyl t-butyl ether

NOTE:
Concentrations in micrograms per liter (ug/L)

Benzene	15.9
Toluene	2.7
Ethylbenzene	5.8
Xylenes	1.8
TPH-g	2,250
MTBE(8260)	<0.5

Benzene	18.7
Toluene	2.9
Ethylbenzene	3.7
Xylenes	1.5
TPH-g	2,210
MTBE(8260)	<0.5

Benzene	5.70
Toluene	1.3
Ethylbenzene	1.7
Xylenes	1.1
TPH-g	797
MTBE(8260)	<0.5

MW6A, FORMER USTs, FORMER UNDERGROUND USED-OIL TANK, APPROXIMATE EXTENT OF 1987 PG&E EXCAVATION, TINY'S AUTOMOTIVE, COMMERCIAL BUILDING, MW5A, APPROXIMATE EXTENT OF 1988 OVEREXCAVATION, MW4A, FORMER MOBIL 04-FGN, MW3A (5.35), FORMER DISPENSER ISLANDS, MW1A (5.59), MW6, MW2A (5.32), MW7A, MW7, MW3, EAST 14TH STREET, DISPENSER ISLANDS, MW4, UNDERGROUND USED-OIL TANK, MW2, USTs, UNOCAL SERVICE STATION BUILDING, QUALITY TUNE-UP (FORMERLY PHILLIPS STATION), MW1, DISPENSER ISLANDS, MW5, 150TH AVENUE, MW9, MW8, MW10, PARKING, PRING'S RESTAURANT, MW11, SHADRALL ASSOCIATES PROPERTY, CHEVRON STATION

N

0 50
Scale (feet)

SITE PLAN SHOWING GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS
FORMER MOBIL STATION 04-FGN
14994 EAST 14th STREET, SAN LEANDRO, CALIFORNIA
7 JULY 2004

ETIC ENGINEERING

FIGURE: 2

FILENAME: J42004.DWG 07/20/04

Tables

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

Well Number		Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
MW1A	a	03/31/88	16.34	PVC	24	19	8	2	9 - 19	0.020	8 - 19 19 - 24[c]	#3 Sand
MW2A	a	02/10/94	16.12	PVC	24	24	8	2	8.5 24	0.010	7 - 24	#2/12 Lonestar Sand
MW3A	a	02/10/94	16.42	PVC	23	23	8	2	8 - 23	0.010	6.5 23	#2/12 Lonestar Sand
MW4A	b	06/01/95	--	PVC	26.5	24	11	4	9 - 24	0.010	7 - 26.5	#2/12 Lonestar Sand
MW5A	b	06/01/95	--	PVC	26.5	24	11	4	9 - 24	0.010	7 - 26.5	#2/12 Lonestar Sand
MW6A	b	06/02/95	--	PVC	26.5	24	11	4	9 - 24	0.010	7 - 26.5	#2/12 Lonestar Sand
MW7A	b	07/28/95	--	PVC	26.5	24	11	4	9 - 24	0.010	7 - 26.5	#2/12 Lonestar Sand

a Well resurveyed on 27 November 2001.
b Well destroyed.
c Depth of bentonite seal at the base of the boring.

PVC Polyvinyl chloride.
TOC Top of casing.

-- Information not available.

TABLE 2 TIER I ENVIRONMENTAL SCREENING LEVELS FOR SHALLOW SOIL (DIRECT EXPOSURE)
FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

				Concentration (mg/kg)		
					Tier I Environmental Screening Levels for Shallow Soil[1]	
	Sample		Depth	Maximum Reported	Direct Exposure	
Chemical	ID	Date	(feet bgs)	Concentration *	Commercial/Industrial Land Use	Construction/Trench Worker Scenario
Benzene	Multiple	02/10/94 and 06/01/95	6.5	<0.005	0.38	16
Toluene	B-4	02/10/94	6.5	15	340	650
Ethylbenzene	B-4	02/10/94	6.5	57	400	400
Total Xylenes	B-4	02/10/94	6.5	390	420	420
TPH-g	B-4	02/10/94	6.5	**4,100**	750	6,000
TPH-d	B-4	02/10/94	6.5	650	750	6,000

Notes:

Bold values represent exceedence of environmental screening level.

TPH-g Total Petroleum Hydrocarbons as gasoline.
TPH-d Total Petroleum Hydrocarbons as diesel.

mg/kg Milligrams per kilogram.
bgs Below ground surface.

* Historical maximum concentrations are from soil samples collected from 0-10 feet below ground surface in non-excavated soil.

Tier I Environmental Screening Levels adopted by RWQCB correspond to a 1 X 10^{-6} Target Risk Level and a target Hazard Quotient of 0.2.

[1] From Tables K-2 and K-3: Direct Exposure Screening Levels, Commercial/Industrial Worker Exposure Scenario, Final Screening Level (RWQCB 2005).

TABLE 3 TIER I ENVIRONMENTAL SCREENING LEVELS FOR SHALLOW SOIL (POTENTIAL VAPOR INTRUSION CONCERNS)
FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

				Concentration (mg/kg)		
					Tier I Environmental Screening Levels for Soil	
					Potential Vapor Intrusion Concerns [1]	
Chemical	Sample ID	Date	Depth (feet bgs)	Maximum Reported Concentration *	Cancer Endpoint-Commercial/Industrial Land Use	Non-Cancer Endpoint-Commercial/Industrial Land Use
Benzene	Multiple	02/10/94 and 06/01/95	6.5	<0.005	0.51	NV
Toluene	B-4	02/10/94	6.5	15	NA	310
Ethylbenzene	B-4	02/10/94	6.5	57	NA	390
Total Xylenes	B-4	02/10/94	6.5	390	NA	420
TPH-g	B-4	02/10/94	6.5	4,100	NA	NV
TPH-d	B-4	02/10/94	6.5	650	NA	NV

Notes:

TPH-g Total Petroleum Hydrocarbons as gasoline.

TPH-d Total Petroleum Hydrocarbons as diesel.

NA Not applicable.

NV No value.

mg/kg Milligrams per kilogram.

bgs Below ground surface.

* Historical maximum concentrations are from soil samples collected from 0-10 feet below ground surface in non-excavated soil.

Tier I Environmental Screening Levels adopted by RWQCB correspond to a 1 X 10^{-6} Target Risk Level and a target Hazard Quotient of 0.2.

[1] From Table E-1b: Soil Screening Levels for Evaluation of Potential Vapor Intrusion Concerns, Commercial/Industrial Exposure (RWQCB 2005).

TABLE 4 TIER I ENVIRONMENTAL SCREENING LEVELS FOR GROUNDWATER
FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

			Concentration (µg/L)	
				Tier I Environmental Screening Levels for Groundwater
			Maximum Reported	Potential Vapor Intrusion Concerns [1]
Chemical	Well ID	Date	Concentration *	Commercial/Industrial Land Use (Onsite/Offsite)
Benzene	MW1A	07/07/04	18.7	6,400
Toluene	MW3A	01/15/04	8.2	530,000
Ethylbenzene	MW1A	01/23/03	8.7	170,000
Total Xylenes	MW3A	01/23/03	28.0	160,000
TPH-g	MW3A	07/09/03	2,850	NV
MTBE[a]	MW1A, MW2A, and MW3A	07/07/04	<0.5	150,000

Notes:

TPH-g Total Petroleum Hydrocarbons as gasoline.

MTBE Methyl tertiary butyl ether.

a Analyzed by EPA Method 8260B.

NV No value.

µg/L Micrograms per liter.

* Data reflect maximum concentration reported over last two years (January 2003 to July 2004) of sampling.

Tier I Environmental Screening Levels adopted by RWQCB correspond to a 1 X 10^{-6} Target Risk Level and a target Hazard Quotient of 0.2.

[1] From Table E-1a: Groundwater Screening Levels for Evaluation of Potential Vapor Intrusion Concerns, Commercial/Industrial Land Use, Low Permeability Vadose-Zone Soil Type (RWQCB 2005).

Attachment A

Formal Case Closure Request (Alton 1998)

ALTON GEOSCIENCE

FILE COPY

November 23, 1998

Alton Project No. 41-0114

Mr. Scott Seery
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

ATTN: MR. SCOTT SEERY

SITE: FORMER MOBIL STATION 04-FGN
14994 EAST 14TH STREET
SAN LEANDRO, CALIFORNIA

RE: FORMAL CASE CLOSURE REQUEST

Dear Mr. Seery:

Please find enclosed a copy of our Formal Case Closure Request for former Mobil Station 04-FGN, located at 14994 East 14th Street, San Leandro, California.

If you have any questions regarding this project, please call me at (510) 606-9150.

Sincerely,

ALTON GEOSCIENCE

Jacob Madden
Senior Staff Geologist

Enclosures, M:\...\04Fgncls.

FORMAL CASE CLOSURE REQUEST
November 23, 1998

FORMER MOBIL STATION NO. 04-FGN
14994 East 14th Street
San Leandro, California

Alton Project No. 41-0114-50

Prepared For:

Mobil Business Resources Corporation
2063 Main Street, Suite 501
Oakley, California 94561

By:

Jacob Madden
Senior Staff Geologist

Matthew W. Katen RG, CHG
Associate

ALTON GEOSCIENCE
30A Lindbergh Avenue
Livermore, California 94550

TABLE OF CONTENTS

1.0 INTRODUCTION

This report represents a request for case closure with technical justification for Former Mobil Service Station 04-FGN, located at 14994 East 14th Street in San Leandro, California (Figure 1). The objectives of this report are to:

- Summarize the findings and conclusions of environmental investigations and testing conducted at the site; and,
- Provide sufficient risk management information to support case closure with no further action.

The results of previous assessment activities revealed the presence of residual petroleum hydrocarbons at the site. This site closure request includes data regarding the lateral and vertical extent of impacted soil and groundwater, regional hydrogeologic characteristics, physical and chemical properties of the contaminant, and qualitative evaluation of potential human and environmental risks.

2.0 CURRENT SITE CONDITIONS

The Former Mobil Station 04-FGN site has been redeveloped as a retail shopping center. It is situated on a level, paved lot located at the northwest corner of the intersection of East 14th Street and 150th Avenue in San Leandro, California (Figure 1). The locations of the monitoring wells, the former building, the former pump islands and underground tank cluster are shown on Figure 2. The site is located in a commercial district and is approximately 3 miles east of the San Francisco Bay at an elevation of approximately 40 feet above mean sea level (msl).

An active Unocal Station exists to the southeast of the site. To the southwest, a Quality Tune Up station exists, prior to 1983 this site was occupied by a Phillips Petroleum service station. In addition, an active Chevron station is located to the south of the site (Figure 2).

3.0 GEOLOGY AND HYDROGEOLOGY OF THE SITE

The topography in the area of the site slopes gently southwest towards the San Francisco Bay. The site is underlain by Quaternary alluvium consisting of primarily clays interbedded with silt and fine sands. (See cross-section in Attachment A).

Groundwater is present at a depth of approximately 8 to 10 (fbg) in the vicinity of the site, as measured during the most recent groundwater sampling event. The groundwater gradient at the site has been consistently to the south, since the site was first sampled in February 1994 (Figure 4). Water table fluctuations have ranged seasonally from approximately 6 to 12 fbg at the site (Table 2).

4.0 BACKGROUND

In 1984, Mobil discontinued fuel dispensing operations at the site. In 1987, three unleaded gasoline tanks of unknown size, and one waste oil tank of unknown size, and the associated fuel dispensers and piping were removed from the site. During removal activities an unknown quantity of soil was excavated from the tank cavity. These activities were conducted by the property owner.

In September 1987, Alameda County Environmental Health Department collected and analyzed soil samples from a Pacific Gas and Electric Company (PG&E) excavation in the sidewalk to the southeast of the site. Laboratory analysis detected 45,000 milligrams per kilogram (mg/kg), of total oil and grease (TOG). Six soil borings (SCB-1 through SCB-6) were drilled to depths ranging from 9.5 to 13.5 feet near the PG&E excavation, as shown in Figure 3. Tetrachloroethylene (PCE) at 6.6 mg/kg, trichloroethylene (TCE) at 15 mg/kg, and trans-1,2-dichloroethylene (1,2 DCE) at 8 mg/kg were detected in the sample collected at 5 feet below grade in Boring SCB-6 (Subsurface, 1987). In March 1988, The area around the PG&E excavation was subsequently overexcavated, as shown in Figure 2. The depth of the overexcavation and laboratory results of soil sampling were not documented in the Subsurface Consultants, Inc. report (Subsurface, 1988).

Also in March 1988, a soil boring was drilled to 24 fbg and converted into groundwater Monitoring Well MW-1A. Groundwater was encountered at 12 feet below grade. Up to 29,000 micrograms per liter (ug/l) dissolved-phase of TPH-G was detected in the water sample collected from the well.

In February 1994, Borings B-1 through B-4 were drilled to depths ranging from 11.5 to 25 fbg. Analysis of soil samples collected from the borings detected up to 4,100 mg/kg TPH-G and 650 mg/kg TPH as diesel (TPH-D). TOG was detected at concentrations of up to 160 mg/kg in the samples collected from B-1, B-3, and B-4. Borings B-2 and B-3 were converted into groundwater Monitoring Wells MW-2A and MW-3A. Groundwater samples were collected from the monitoring wells and up to 19,000 ug/l TPH-G, 10,000 TPH-D, and 70 ug/l benzene were detected in them. TOG was not detected above the reported detection limit in any of the monitoring wells during this monitoring event (Alisto, 1994).

On June 1 and 2, 1995, Borings B-5 through B-9 and monitoring wells MW-4A through MW-6A were drilled and sampled to depths ranging from 15.5 to 26.5 fbg. Monitoring well MW-7A was drilled and installed on July 28, 1995. Petroleum hydrocarbons were detected in soil samples collected from Borings B-5 through B-7, B-9, MW-4A and MW-5A at concentrations of up to 130 mg/kg TPH-G. (Alisto, 1994)

Monitoring and sampling was conducted in all existing Mobil wells on a quarterly basis from February 1994 to September 1997, at which time the sampling frequency was reduced to a semi-annual sampling schedule. Dissolved-phase hydrocarbon concentrations have been decreasing steadily with time in

groundwater collected from monitoring wells MW-1A, MW-2A, and MW-3A. Monitoring Wells MW-4A through MW-7A are typically below laboratory detection limits.

5.0 HYDROCARBONS IN SOIL AND GROUNDWATER

Soil:

The initial discovery of petroleum hydrocarbons in 1987 lead to a series of subsequent soil and groundwater investigations. By September 1995, the lateral and vertical extent of the adsorbed hydrocarbons had been determined. Based on the data collected, hydrocarbon contamination in the unsaturated zone is minimal and limited to the immediate vicinity of borings B-1 and B-4, directly beneath the former dispenser islands (Figure 3). The highest level of petroleum hydrocarbons detected in the remaining soil was in sample B-4 (Table 1) at a depth of 6.5 fbg (4,100 ppm of TPH-G and non-detectable concentrations of benzene; February 1994 (Alisto 1995).

Groundwater:

No free-product has ever been detected in any of the wells

The lateral extent of dissolved-phase hydrocarbons in groundwater has been adequately defined by the monitoring results of the onsite and offsite wells.

The maximum benzene concentration detected in groundwater during the most recent sampling event, conducted August 12, 1998, was 41 ppb in Monitoring Well MW-1A (Figure 5).

The residual petroleum hydrocarbon contaminants remaining beneath the site appear to be highly weathered gasoline hydrocarbons. The weathered characteristics are evident by the relatively low concentrations of aromatic hydrocarbons (i.e., benzene, toluene, ethylbenzene, and xylenes) (Table 2). This weathered gasoline is less subject to fate processes such as volatilization, dissolution, and migration.

6.0 SENSITIVE RECEPTORS

The nearest surface water body is Estudillo Canal located approximately 0.6 miles south of the site (Figure 1). This canal is not named in the Regional Board's Basin Plan for this region.

The nearest significant body of surface water is San Lorenzo Creek, which is located approximately 1.5 miles south of the site. The existing and potential beneficial uses as indicated in the Regional Board's Basin Plan for San Lorenzo Creek are listed below:

EXISTING USES
Cold Freshwater Habitat (COLD)
Freshwater Replenishment (FRSH)
Groundwater Recharge (GWR)
Fish Migration (MIGR)
Municipal and Domestic Supply (MUN)
Water Contact Recreation (REC-1)
Non Contact Water Recreation (REC-2)
Fish Spawning (SPWN)
Warm Freshwater Habitat (WARM)
Wildlife Habitat (WILD)

The groundwater basin underlying the site is the East Bay Plain Basin. It has an aerial extent of 114 square miles and has an average depth below ground surface of 25 to 596 feet (CRWQCB,1995). The existing beneficial uses as stated in the Regional Board's Basin Plan for the East Bay Plain Aquifer are listed below:

EXISTING USES

Industrial Service Supply (IND)
Municipal and Domestic Supply (MUN)
Industrial Process Supply (PROC)
Agricultural Supply (AGR)

In April 1998 Alton Geoscience conducted a well survey with Alameda County Public Works (ACPW) to determine if any water use wells are located in the vicinity of the subject site. According to information available from ACPW, there is an irrigation well approximately 2,000 feet to the northwest, (upgradient of the site) and an irrigation well approximately 1,500 feet northeast, (also upgradient of the site). No other supply wells were found to exist within a 1/2 mile radius.

7.0 JUSTIFICATION FOR SITE CLOSURE

- Tanks, piping, and hydrocarbon affected soil have been excavated and removed from the site.
- The extent of remaining soil and groundwater hydrocarbon concentrations have been adequately characterized and demonstrated to be limited in extent.
- Shallow groundwater is not typically utilized as a drinking water, agricultural, or industrial supply in this region. Although the detected benzene concentrations are above the drinking water standard, only two irrigation wells exist within 1/2 mile, and both are greater than 1,000 feet upgradient of the site. Supply wells, properly constructed in deeper aquifers, are typically protected from petroleum hydrocarbon contamination that exists in shallower aquifers (LLNL, 1995).

- The site is mostly capped with asphalt and concrete which is limiting infiltration of precipitation and surface runoff water to the subsurface. Since no site use changes are planned, this feature should continue to inhibit dissolution and contribution of any remaining vadose hydrocarbons to the dissolved-phase plume.

- The residual petroleum hydrocarbons at this site are characterized as weathered. The weathered characteristics are evident by the relatively low concentrations of aromatic hydrocarbons (i.e., BTEX). The remaining gasoline components are less subject to fate processes such as volatilization, dissolution, and migration, and therefore, do not pose a significant risk to human health or the surrounding environment.

- MTBE is not a factor at this site. Gasoline dispensing activities were discontinued prior to the use of MTBE as a gasoline additive, and the results of the EPA method 8260 analyses indicate that the EPA method 8020 results represent "false positives".

- The dissolved hydrocarbon plume is not migrating. All of the monitoring wells with historically detectable hydrocarbon concentrations (MW-1A, MW-2A, MW-3A, and MW-5A) have shown a decreasing trend in dissolved phase hydrocarbon concentrations since sampling began in these wells in 1994, (Figure 6). This data suggests that the dissolved-phase plume is shrinking, due to natural attenuation.

In conclusion, the magnitude of hydrocarbon contamination at this site does not warrant any active soil or groundwater remediation, the current site conditions meet the qualifications for a "Low Risk Groundwater Case" as defined by the State and Regional Water Quality Control Boards (SWRCB, 1995 and CRWQCB,1996), and natural processes are expected to continue to reduce the residual hydrocarbons (LLNL 1995).

7.0 RECOMMENDATION

Based on the findings of this and previous investigations, and the site closure justification described above, it is Alton Geoscience's recommendation that this "Low Risk Groundwater Case" be closed with no further action being required other than the appropriate monitoring well destructions and report.

9.0 REFERENCES

Alisto Engineering (1994), Preliminary Site Investigation Report, 14994 East 14th Street, San Leandro, California. April, 1994.

Alisto Engineering (1995), Revised Additional Site Investigation Report, 14994 East 14th Street, San Leandro, California. October 5.

Alton Geoscience (1998), Quarterly Progress Report, First Quarter 1998, 14994 East 14th Street, San Leandro, California. April, 1998.

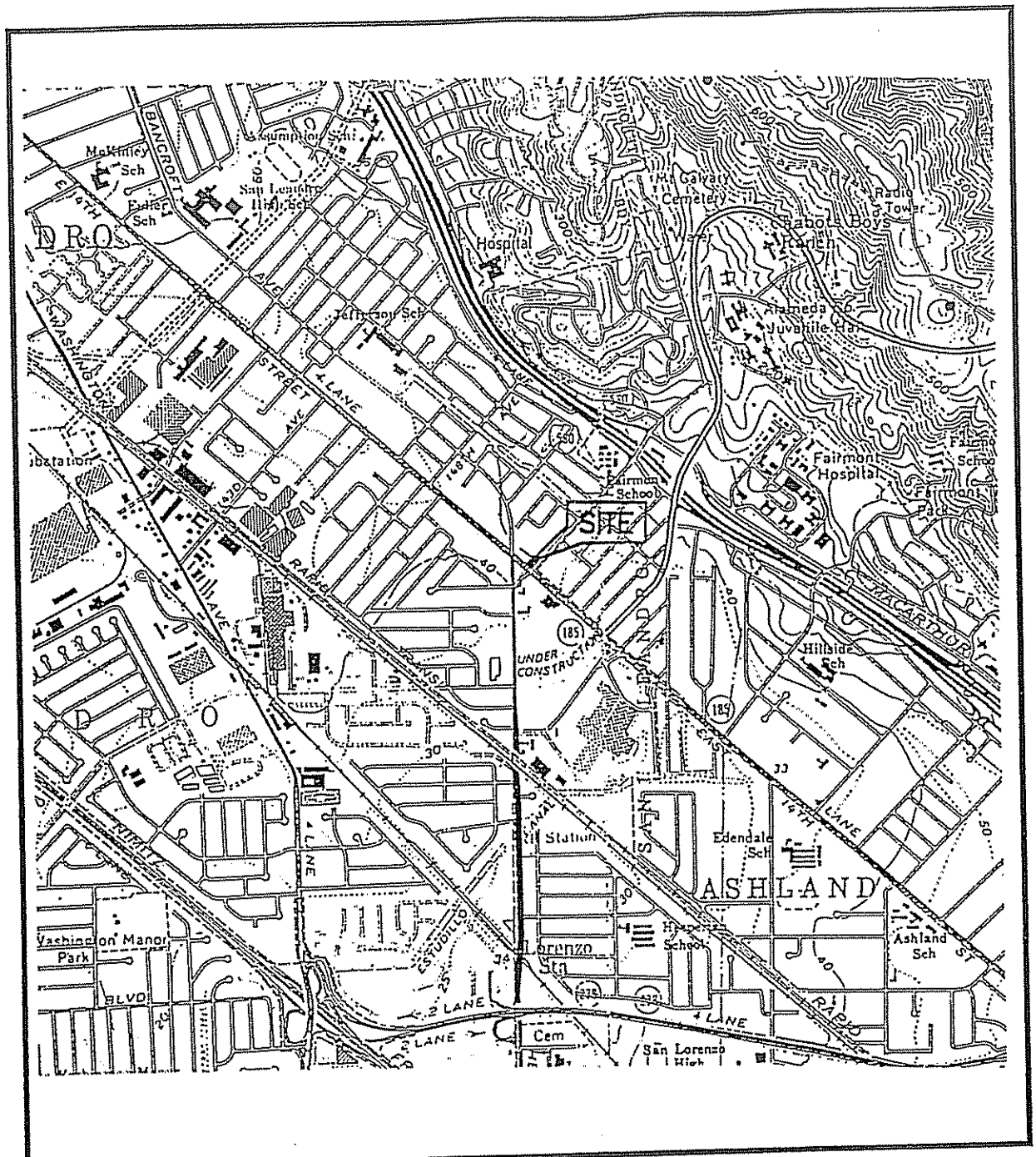
California Regional Water Quality Control Board, San Francisco Bay Region (CRWQCB), 1996, Supplemental Instructions to State Water Board December 8, 1995, Interim Guidance on Required Cleanup at Low Risk Fuel Sites, January 5.

State of California, State Water Resource Control Board (SWRCB), 1995, Letter to All Regional Water Board Chairpersons, All Regional Water Board Executive Officers and All LOP Agency Directors from Walt Pettit, Executive Director, December 8.

Subsurface Consultants Inc. (1987), Preliminary Geotechnical Services Re. Soil Contamination, 150th Avenue and East 14th street, San Leandro, California. October 26, 1987.

Subsurface Consultants Inc. (1988), Groundwater Monitoring Well Installation and Sample Analysis. 150th Avenue and East 14th Street, San Leandro, California. April 27, 1988.

FIGURES



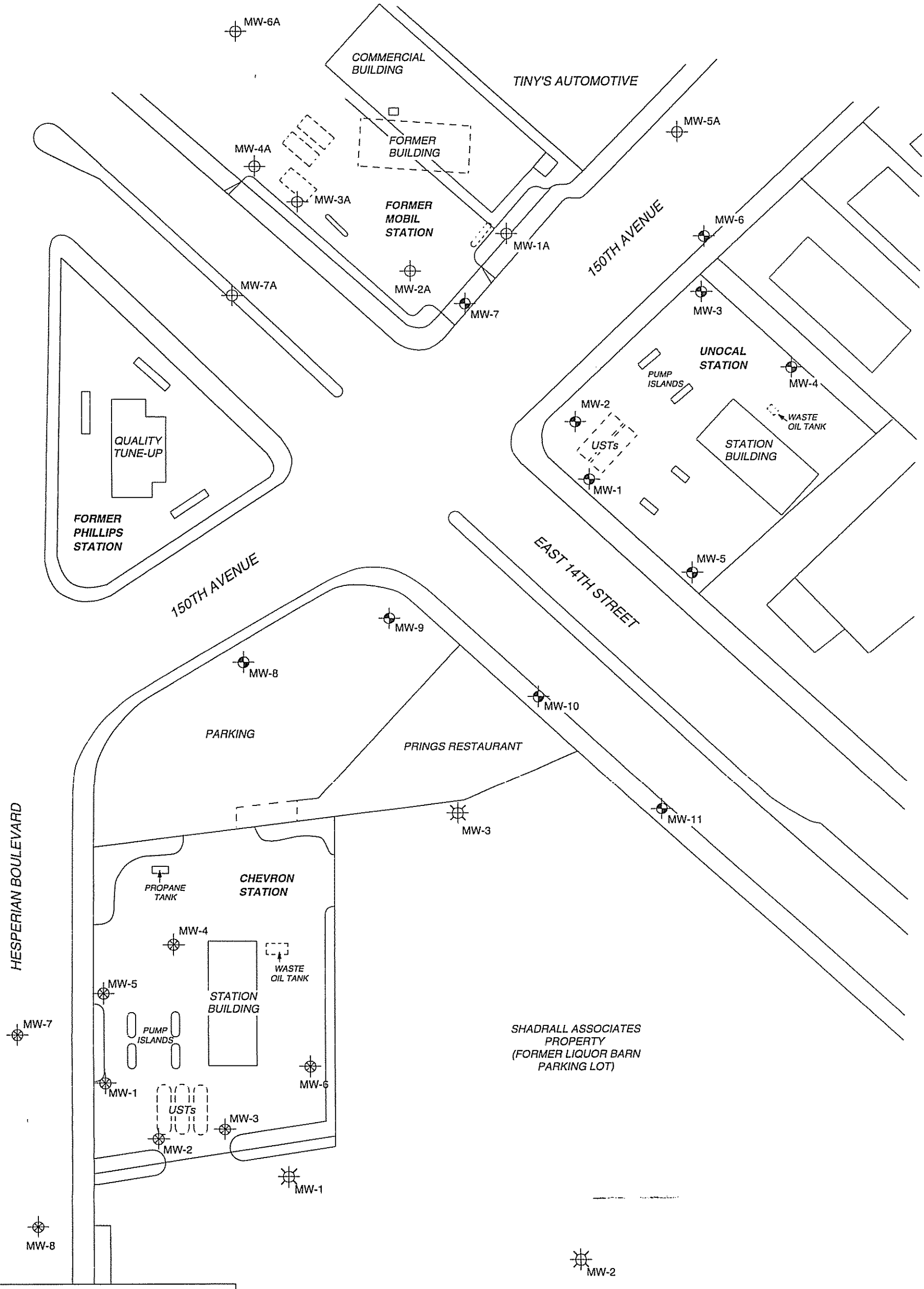
Source: U.S.G.S. Map
Hayward & San Leandro
Quadrangles
California
7.5 Minute Series

VICINITY MAP

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California

ALTON GEOSCIENCE
Livermore, California

FIGURE 1

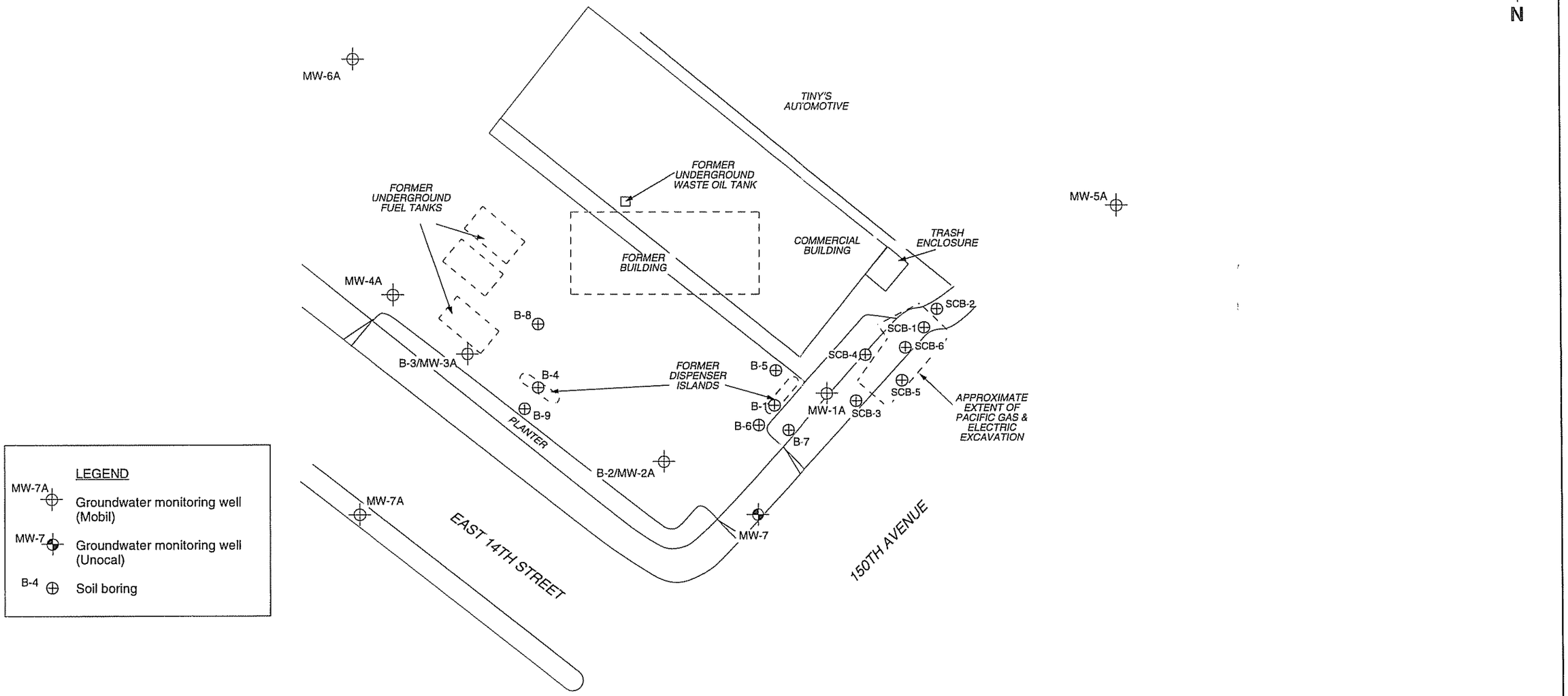


SITE PLAN

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California

FIGURE 2

04-FGN/Site Plan 11x17 (p3)



SITE DETAIL SHOWING EXCAVATION AND SOIL SAMPLE LOCATIONS

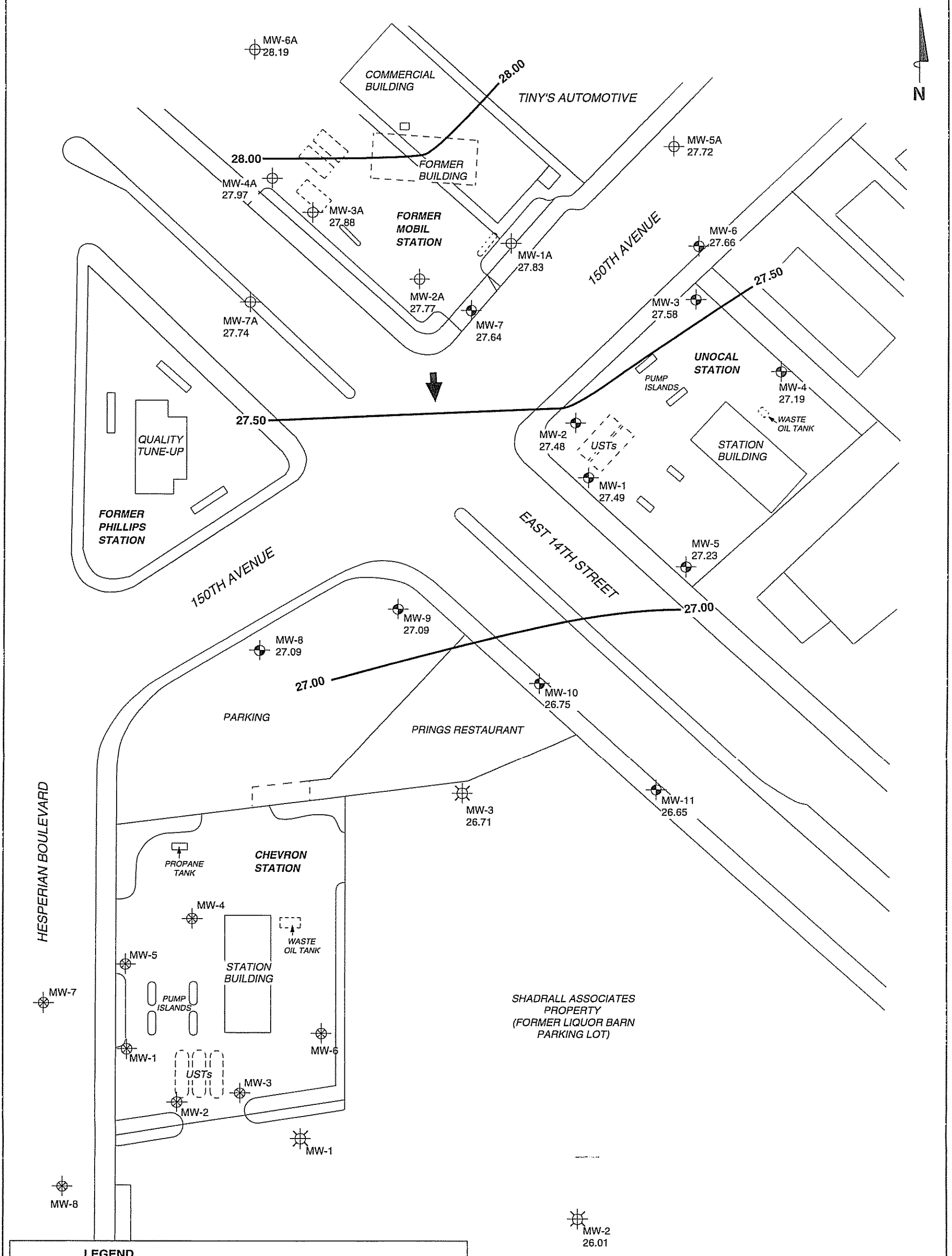
Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California

FIGURE 3

ALTON GEOSCIENCE
Livermore, California

SOURCE: Alisto Engineering Group

04-FGN/Site Detail



LEGEND

MW-7A	Groundwater monitoring well (Mobil)	27.74	Groundwater elevation in feet above mean sea level (NGVD-1929)
MW-11	Groundwater monitoring well (Unocal)		Groundwater elevation contour line
MW-5	Groundwater monitoring well (Chevron)		General direction of groundwater gradient
MW-1	Groundwater monitoring well (Shadrall Property)		

ALTON GEOSCIENCE
Livermore, California

SCALE (feet)
0 25 50

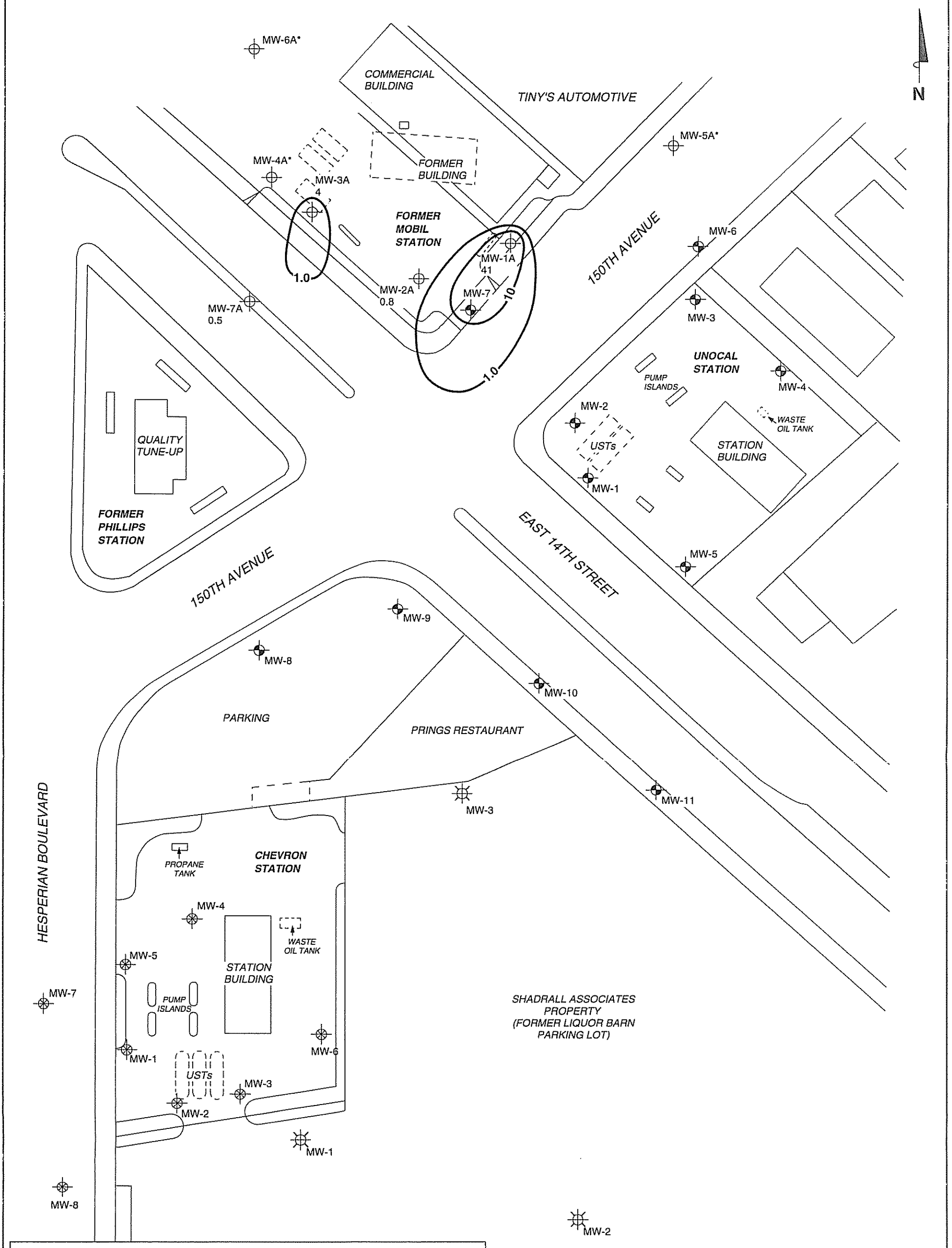
NOTES:
Contour lines are interpretive based on fluid-level measurements taken on August 12, 1998. Contour interval = 0.5 foot.

GROUNDWATER ELEVATION CONTOUR MAP
August 12, 1998

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California

FIGURE 4

04-FGN/Site Plan 11x17 (p3)



LEGEND

MW-7A	Groundwater monitoring well (Mobil)	41	Dissolved-phase benzene concentration (ppb)
MW-11	Groundwater monitoring well (Unocal)	———	Benzene isoconcentration line
MW-5	Groundwater monitoring well (Chevron)		
MW-1	Groundwater monitoring well (Shadrall Property)		

ALTON GEOSCIENCE
Livermore, California

SCALE (feet)
0 25 50

NOTES:
Results are based on laboratory analysis of groundwater samples collected on August 12, 1998. ppb = parts per billion; * = well not scheduled for sampling.

DISSOLVED-PHASE BENZENE CONCENTRATIONS
August 12, 1998

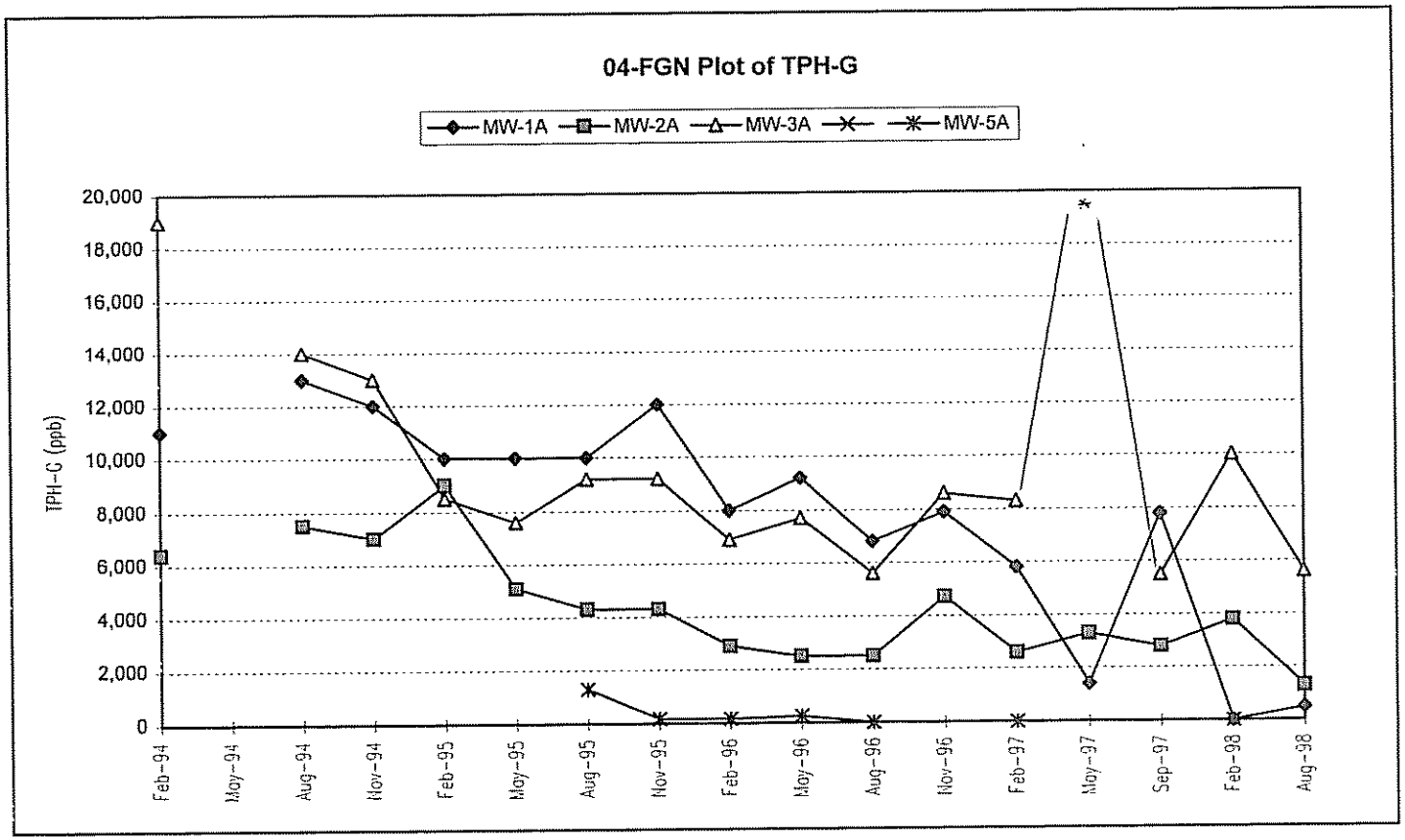
Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California

FIGURE 5

04-FGN/Site Plan 11x17 (p3)

Mobil 04-FGN - San Leandro
Time Series Plot of TPH-G Concentrations from Quarterly Monitoring Events

Date	TPH-G (ppb) MW-1A	TPH-G (ppb) MW-2A	TPH-G (ppb) MW-3A	TPH-G (ppb) MW-5A
Feb-94	11,000	6,400	19,000	
May-94				
Aug-94	13,000	7,500	14,000	
Nov-94	12,000	7,000	13,000	
Feb-95	10,000	9,000	8,500	
May-95	10,000	5,100	7,600	
Aug-95	10,000	4,300	9,200	1,300
Nov-95	12,000	4,300	9,200	180
Feb-96	8,000	2,900	6,900	160
May-96	9,200	2,500	7,700	260
Aug-96	6,800	2,500	5,600	ND
Nov-96	7,900	4,700	8,600	
Feb-97	5,800	2,600	8,300	ND
May-97	1,400	3,300	37,000 *	
Sep-97	7,800	2,800	5,500	
Feb-98	ND	3,800	10,000	ND
Aug-98	500	1,300	5,600	



* The May 1997 laboratory result for MW-3A appears anomalous.

FIGURE 6

p:\projects\mobil\04-fgn\TPHG-TS.XLS

TABLES

Table 1

Summary of Soil Sample Analysis*

Former Mobil Station 04-FGN

Boring ID	Date	Sample Depth (feet)	TPH-G (ppm)	TPH-D (ppm)	TOG (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xylenes (ppm)	PCE (ppm)	TCE (ppm)	Trans-1, 2-DCE (ppm)
SCB-1	09/29/87	4.0	72	200	—	—	—	—	200	—	—	—
SCB-1	09/29/87	8.6	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-2	09/29/87	2.6	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-2	09/29/87	7.1	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-3	09/29/87	5.0	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-3	09/29/87	8.5	320	ND<50	—	—	—	—	ND<50	—	—	—
SCB-4	09/29/87	4.5	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-4	09/29/87	10.5	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-5	09/29/87	4.0	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-5	09/29/87	8.0	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
SCB-6	09/29/87	5.0	ND<10	ND<50	—	6.6	15.0	8.0	ND<50	6.6	15.0	8.0
SCB-6	09/29/87	9.1	ND<10	ND<50	—	—	—	—	ND<50	—	—	—
B-1	02/10/94	6.5	1,500	160	160	ND<0.005	2.9	18	85	—	—	—
B-1	02/10/94	11.5	580	120	ND<30	1.2	1.1	5.5	18	—	—	—
B-2	02/10/94	7.5	1.4	1.6	ND<30	ND<0.005	0.0065	ND<0.005	ND<0.005	—	—	—
B-2	02/10/94	11.5	49	12	ND<30	0.094	ND<0.005	0.18	0.33	—	—	—
B-3	02/10/94	6.5	10	2.4	100	ND<0.005	0.028	0.027	0.049	—	—	—
B-3	02/10/94	11.5	190	31	ND<30	0.70	0.11	2.5	0.52	—	—	—
B-4	02/10/94	6.5	4,100	650	130	ND<0.005	15	57	390	—	—	—
B-4	02/10/94	11.5	460	62	ND<30	ND<0.005	1.0	4.7	23	—	—	—
B-5	06/01/95	6.5	2.5	ND<1.0	—	ND<0.0050	ND<0.0050	0.0076	0.17	—	—	—
B-5	06/01/95	11.5	8.6	2.1	—	0.025	0.025	0.020	0.11	—	—	—
B-6	06/01/95	6.5	3.3	4.3	—	ND<0.0050	ND<0.0050	0.068	0.16	—	—	—
B-6	06/01/95	11.5	44	2.7	—	0.053	0.078	1.4	5.3	—	—	—

Summary of Soil Sample Analysis*

Former Mobil Station 04-FGN

Boring ID	Date	Sample Depth (feet)	TPH-G (ppm)	TPH-D (ppm)	TOG (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-benzene (ppm)	Total Xyienes (ppm)	PCE (ppm)	TCE (ppm)	Trans-1, 2-DCE (ppm)
B-7	06/01/95	6.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
B-7	06/01/95	11.5	130	8.1	—	0.28	0.31	0.92	1.2	—	—	—
B-8	06/01/95	6.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
B-8	06/01/95	11.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
B-9	06/01/95	6.5	ND<1.0	1.4	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
B-9	06/01/95	11.5	2.5	1.7	—	ND<0.0050	0.0053	0.0059	0.0052	—	—	—
MW-4A	06/01/95	6.5	ND<1.0	2.2	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-4A	06/01/95	11.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-5A	06/01/95	6.5	ND<1.0	1.6	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-5A	06/01/95	11.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-6A	06/02/95	6.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-6A	06/02/95	11.5	ND<1.0	ND<1.0	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-7A	07/21/95	6.5	ND<1.0	—	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—
MW-7A	07/21/95	11.5	ND<1.0	—	—	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	—	—	—

NOTES:

* = Source: Alisto Engineering Group; SCB borings drilled by Subsurface Consultants, Inc.

TPH-G = total petroleum hydrocarbons as gasoline

TPH-D = total petroleum hydrocarbons as diesel

TOG = total oil and grease

PCE = tetrachloroethylene

TCE = trichloroethylene

Trans-1,2-DCE = trans-1,2-dichloroethylene

ppm = parts per million

ND = not detected at or above method detection limit

— = not analyzed / not applicable

Table 2

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MOBIL Wells																	
MW-1A	03/31/88	36.35	—	—	29,000	ND	ND	ND	550	640	—	—	ND	—	—	—	—
MW-1A	01/31/89	36.35	—	—	11,200	—	260	ND	500	500	—	—	—	—	—	—	—
MW-1A	02/24/94	36.35	9.42	26.93	11,000	2,500	70	ND	260	180	—	—	ND	—	—	—	—
MW-1A	08/03/94	36.35	12.00	24.35	13,000	7,100	61	50	280	230	—	—	ND	—	—	—	—
MW-1A	11/23/94	36.35	11.18	25.17	12,000	2,500	49	ND	300	190	—	—	10,000	—	—	—	—
MW-1A	02/28/95	36.35	9.08	27.27	10,000	3,200	25	ND	110	67	—	—	8,400	—	—	—	—
MW-1A	05/10/95	36.35	8.33	28.02	10,000	3,600	31	ND	140	81	—	—	7,200	—	—	—	—
MW-1A	08/02/95	36.63	9.49	27.14	10,000	3,800	24	18	130	80	—	—	—	—	—	—	—
MW-1A	11/02/95	36.63	11.05	25.58	12,000	3,400*	ND	ND	190	150	—	—	—	ND	—	—	—
MW-1A	02/08/96	36.63	7.55	29.08	8,000	3,600*	100	21	87	58	—	—	—	—	—	—	—
MW-1A	05/08/96	36.63	7.52	29.11	9,200	—	11	ND	120	64	—	—	—	—	—	—	—
MW-1A	08/09/96	36.63	9.63	27.00	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1A	08/20/96	36.63	—	—	6,800	—	64	22	100	55	130	ND	—	—	—	—	—
MW-1A	11/07/96	36.63	11.01	25.62	7,900	—	100	12	70	34	95	ND	—	—	—	—	—
MW-1A	02/10/97	36.63	7.58	29.05	5,800	—	36	15	67	29	58	ND	—	—	—	—	—
MW-1A	05/07/97	36.63	9.15	27.48	1,400	—	13	ND	11	ND	ND	—	—	—	—	—	—
MW-1A	09/10/97	36.63	10.88	25.75	7,800	—	64	ND	70	26	120	ND	—	—	—	—	1.02
MW-1A	02/12/98	36.63	5.52	31.11	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	0.32
MW-1A	08/12/98	36.63	8.80	27.83	500	—	41	12	1.8	20	ND	—	—	—	—	—	0.25
MW-2A	02/24/94	36.61	9.52	27.09	6,400	4,500	31	ND	58	42	—	—	ND	—	—	—	—
MW-2A	08/23/94	36.61	12.05	24.56	7,500	7,100	42	21	71	53	—	—	ND	—	—	—	—
MW-2A	11/23/94	36.61	11.25	25.36	7,000	1,800	33	11	39	ND	—	—	7,300	—	—	—	—
MW-2A	02/28/95	36.61	9.10	27.51	9,000	1,600	29	36	96	45	—	—	6,900	—	—	—	—
MW-2A	05/10/95	36.61	8.42	28.19	5,100	1,600	20	27	32	35	—	—	3,400	—	—	—	—
MW-2A	08/02/95	36.62	9.54	27.08	4,300	1,800	36	ND	11	16	—	—	—	—	—	—	—
MW-2A	11/02/95	36.62	11.08	25.54	4,300	3,000*	22	ND	10	11	—	—	—	ND	—	—	—
MW-2A	02/08/96	36.62	7.68	28.94	2,900	940*	32	13	13	ND	—	—	—	—	—	—	—
MW-2A	05/08/96	36.62	8.64	27.98	2,500	—	13	12	19	26	—	—	—	—	—	—	—
MW-2A	08/09/96	36.62	9.71	26.91	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2A	08/20/96	36.62	—	—	2,500	—	19	11	6.8	8.1	36	—	—	—	—	—	—
MW-2A	11/07/96	36.62	11.04	25.58	4,700	—	58	7.3	5.3	ND	55	—	—	—	—	—	—
MW-2A	02/10/97	36.62	7.75	28.87	2,600	—	12	10	35	15	ND	—	—	—	—	—	—
MW-2A	05/07/97	36.62	9.23	27.39	3,300	—	25	18	16	11	ND	—	—	—	—	—	—
MW-2A	09/10/97	36.62	10.91	25.71	2,800	—	24	ND	ND	ND	43	—	—	—	—	—	1.08
MW-2A	02/12/98	36.62	5.59	31.03	3,800	—	10	11	30	14	ND	—	—	—	—	—	0.46
MW-2A	08/12/98	36.62	8.85	27.77	1,300	—	0.8	8.7	2.4	4.7	ND	—	—	—	—	—	0.82
MW-3A	02/24/94	36.92	9.85	27.07	19,000	10,000	52	30	690	290	—	—	ND	—	—	—	—
MW-3A	08/23/94	36.92	12.33	24.59	14,000	11,000	44	24	1,000	100	—	—	ND	—	—	—	—
MW-3A	11/23/94	36.92	11.56	25.36	13,000	2,600	30	18	690	52	—	—	8,500	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-3A	02/28/95	36.92	9.35	27.57	8,500	—	11	ND	340	24	—	—	5,500	—	—	—	—
MW-3A	05/10/95	36.92	8.55	28.37	7,600	3,800	ND	ND	400	45	—	—	3,900	—	—	—	—
MW-3A	08/02/95	36.93	9.75	27.18	9,200	3,800	17	13	340	34	—	—	—	—	—	—	—
MW-3A	11/02/95	36.93	11.29	25.64	9,200	4,400*	31	ND	360	72	—	—	—	ND	—	—	—
MW-3A	02/08/96	36.93	7.97	28.96	6,900	3,800*	38	ND	230	43	—	—	—	—	—	—	—
MW-3A	05/08/96	36.93	8.82	28.11	7,700	—	ND	ND	270	38	—	—	—	—	—	—	—
MW-3A	08/09/96	36.93	9.95	26.98	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3A	08/20/96	36.93	—	—	5,600	—	8.0	29	180	23	12	—	—	—	—	—	—
MW-3A	11/07/96	36.93	11.28	25.65	8,600	—	47	ND	150	29	ND	—	—	—	—	—	—
MW-3A	02/10/97	36.93	7.95	28.98	8,300	—	28	ND	130	23	ND	—	—	—	—	—	—
MW-3A	05/07/97	36.93	9.45	27.48	37,000	—	230	110	630	ND	ND	—	—	—	—	—	—
MW-3A	09/10/97	36.93	11.13	25.80	5,500	—	16	ND	75	11	ND	—	—	—	—	—	0.68
MW-3A	02/12/98	36.93	5.72	31.21	10,000	—	37	ND	84	25	ND	—	—	—	—	—	0.48
MW-3A	08/12/98	36.93	9.05	27.88	5,600	—	4	18	39	19	ND	—	—	—	—	—	0.22
MW-4A	08/02/95	37.18	9.63	27.55	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-4A	11/02/95	37.18	11.48	25.70	ND	ND	ND	ND	ND	ND	—	—	—	ND	—	—	—
MW-4A	02/08/96	37.18	8.18	29.00	ND	ND	ND	1.1	ND	0.92	—	—	—	—	—	—	—
MW-4A	05/08/96	37.18	8.49	28.69	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-4A	08/09/96	37.18	10.05	27.13	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4A	08/20/96	37.18	—	—	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
MW-4A	11/07/96	37.18	11.48	25.70	ND	—	ND	ND	ND	0.88	ND	—	—	—	—	—	—
MW-4A	02/10/97	37.18	8.11	29.07	ND	—	ND	2.4	ND	ND	ND	—	—	—	—	—	—
MW-4A	05/07/97	37.18	9.64	27.54	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
MW-4A	09/10/97	37.18	11.32	25.86	—	—	—	—	—	—	—	—	—	—	—	—	2.37
MW-4A	02/12/98	37.18	5.90	31.28	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	0.51
MW-4A	08/12/98	37.18	9.21	27.97	—	—	—	—	—	—	—	—	—	—	—	—	0.52
MW-5A	08/02/95	35.91	8.74	27.17	1,300	220	16	0.68	1.3	4.3	—	—	—	—	—	—	—
MW-5A	11/02/95	35.91	10.34	25.57	180	ND	1.9	1.2	ND	ND	—	—	—	ND	—	—	—
MW-5A	02/08/96	35.91	6.67	29.24	160	150	1.9	2.2	ND	0.89	—	—	—	—	—	—	—
MW-5A	05/08/96	35.91	7.35	28.56	260	—	2.4	6.7	2.0	9.6	—	—	—	—	—	—	—
MW-5A	08/09/96	35.91	8.81	27.10	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5A	08/20/96	35.91	—	—	ND	—	ND	1.8	ND	ND	9.4	—	—	—	—	—	—
MW-5A	11/07/96	35.91	10.25	25.66	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5A	02/10/97	35.91	6.93	28.98	ND	—	ND	1.2	ND	ND	ND	—	—	—	—	—	—
MW-5A	05/07/97	35.91	8.42	27.49	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5A	09/10/97	35.91	10.15	25.76	—	—	—	—	—	—	—	—	—	—	—	—	1.05
MW-5A	02/12/98	35.91	5.32	30.59	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	0.90
MW-5A	08/12/98	35.91	8.19	27.72	—	—	—	—	—	—	—	—	—	—	—	—	1.17
MW-6A	08/02/95	37.10	9.68	27.42	ND	ND	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-6A	11/02/95	37.10	11.26	25.84	ND	ND	ND	ND	ND	ND	—	—	—	ND	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-6A	02/08/96	37.10	7.79	29.31	ND	ND	ND	1.3	ND	1.3	—	—	—	—	—	—	—
MW-6A	05/08/96	37.10	8.38	28.72	ND	—	ND	1.6	ND	1.2	—	—	—	—	—	—	—
MW-6A	08/09/96	37.10	9.82	27.28	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6A	08/20/96	37.10	—	—	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
MW-6A	11/07/96	37.10	11.02	26.08	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6A	02/10/97	37.10	7.70	29.40	ND	—	ND	3.4	ND	ND	ND	—	—	—	—	—	—
MW-6A	05/07/97	37.10	9.31	27.79	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6A	09/10/97	37.10	11.08	26.02	—	—	—	—	—	—	—	—	—	—	—	—	1.08
MW-6A	02/12/98	37.10	5.52	31.58	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	0.83
MW-6A	08/12/98	37.10	8.91	28.19	—	—	—	—	—	—	—	—	—	—	—	—	1.29
MW-7A	11/02/95	37.39	11.77	25.62	ND	ND	ND	ND	ND	ND	—	—	—	ND	—	—	—
MW-7A	02/08/96	37.39	8.68	28.71	ND	75	ND	1.4	ND	1.5	—	—	—	—	—	—	—
MW-7A	05/08/96	37.39	9.00	28.39	ND	—	2.2	6.3	1.4	7.9	—	—	—	—	—	—	—
MW-7A	08/09/96	37.39	10.31	27.08	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7A	08/20/96	37.39	—	—	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
MW-7A	11/07/96	37.39	11.81	25.58	ND	—	ND	0.96	ND	1.6	ND	—	—	—	—	—	—
MW-7A	02/10/97	37.39	8.57	28.82	ND	—	ND	2.4	ND	ND	ND	—	—	—	—	—	—
MW-7A	05/07/97	37.39	10.05	27.34	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
MW-7A	09/10/97	37.39	11.66	25.73	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	2.48
MW-7A	02/12/98	37.39	6.55	30.84	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	1.07
MW-7A	08/12/98	37.39	9.65	27.74	ND	—	0.5	ND	ND	ND	ND	—	—	—	—	—	0.23
UNOCAL Wells																	
MW-1	05/04/91	—	—	—	31,000	—	74	20	920	1,500	—	—	—	—	—	—	—
MW-1	09/19/91	—	—	—	26,000	—	130	16	1,300	1,800	—	—	—	—	—	—	—
MW-1	12/18/91	—	—	—	17,000	—	160	20	1,400	1,600	—	—	—	—	—	—	—
MW-1	03/17/92	—	—	—	23,000	—	320	19	1,000	940	—	—	—	—	—	—	—
MW-1	05/19/92	—	—	—	29,000	—	650	370	1,100	1,200	—	—	—	—	—	—	—
MW-1	08/20/92	—	—	—	18,000	—	230	22	640	950	—	—	—	—	—	—	—
MW-1	11/10/92	—	—	—	18,000	—	220	ND	690	830	—	—	—	—	—	—	—
MW-1	02/20/93	—	—	—	19,000	—	190	ND	880	620	—	—	—	—	—	—	—
MW-1	05/21/93	—	—	—	27,000	—	150	200	1,200	950	—	—	—	—	—	—	—
MW-1	08/23/93	—	—	—	24,000	—	160	110	840	810	—	—	—	—	—	—	—
MW-1	11/23/93	—	—	—	18,000	—	210	63	900	620	—	—	—	—	—	—	—
MW-1	02/24/94	36.37	9.45	26.92	18,000	—	74	30	940	480	—	—	—	—	—	—	—
MW-1(a)	05/25/94	36.37	10.45	25.92	6,400	—	72	ND	170	67	—	—	—	—	—	—	—
MW-1	08/23/94	36.37	11.98	24.39	24,000	—	130	57	970	320	—	—	—	—	—	—	—
MW-1	11/23/94	36.37	11.17	25.20	23,000	—	180	44	970	270	—	—	—	—	—	—	—
MW-1	02/03/95	36.37	8.01	28.36	20,000	—	77	17	950	390	—	—	—	—	—	—	—
MW-1	05/10/95	36.37	8.51	27.86	16,000	—	230	27	880	630	—	—	—	—	—	—	—
MW-1	08/02/95	36.37	10.00	26.37	18,000	—	190	ND	860	590	—	—	—	—	—	—	—
MW-1 (b)	11/20/95	36.37	11.19	25.18	20,000	—	180	ND	960	450	970	—	—	—	—	—	2.83

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-1	02/08/96	36.37	7.74	28.63	15,000	—	43	16	940	410	5,200	—	—	—	—	—	2.58
MW-1	05/08/96	36.37	8.50	27.87	16,000	—	37	16	930	410	1,600	—	—	—	—	—	1.92**
MW-1	08/09/96	36.37	9.72	26.65	2,300	—	25	ND	77	39	1,200	—	—	—	—	—	2.14
MW-1	11/07/96	36.37	10.74	25.63	38,000	—	140	ND	1,900	5,600	ND	—	—	—	—	—	2.11
MW-1	02/11/97	36.37	7.92	28.45	7,300	—	91	ND	170	68	1,700	—	—	—	—	—	2.05**
MW-1	05/07/97	36.37	9.24	27.13	11,000	—	120	ND	470	110	1,200	—	—	—	—	—	—
MW-1	08/05/97	36.37	10.20	26.17	530 (c)	—	5.9	ND	5.6	ND	430	—	—	—	—	—	1.88**
MW-1	08/12/98	36.34	8.85	27.49	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	05/04/91	—	—	—	19,000	—	6.6	1.4	460	630	—	—	—	—	—	—	—
MW-2	09/19/91	—	—	—	19,000	—	100	6.8	790	310	—	—	—	—	—	—	—
MW-2	12/18/91	—	—	—	10,000	—	110	5.1	420	96	—	—	—	—	—	—	—
MW-2	03/17/92	—	—	—	16,000	—	110	ND	730	220	—	—	—	—	—	—	—
MW-2	05/19/92	—	—	—	17,000	—	140	87	680	170	—	—	—	—	—	—	—
MW-2	08/20/92	—	—	—	13,000	—	52	ND	660	70	—	—	—	—	—	—	—
MW-2	11/10/92	—	—	—	11,000	—	36	7.2	570	45	—	—	—	—	—	—	—
MW-2	02/20/93	—	—	—	1,500	—	2.9	3.8	9.1	ND	—	—	—	—	—	—	—
MW-2	05/21/93	—	—	—	9,500	—	37	ND	470	62	—	—	—	—	—	—	—
MW-2	08/23/93	—	—	—	15,000	—	110	ND	590	64	—	—	—	—	—	—	—
MW-2	11/23/93	—	—	—	11,000	—	80	10	480	20	—	—	—	—	—	—	—
MW-2 (f)	02/24/94	36.34	9.27	27.07	11,000	—	44	ND	580	32	—	—	—	—	—	—	—
MW-2	05/25/94	36.34	10.30	26.04	11,000	—	50	ND	400	22	—	—	—	—	—	—	—
MW-2	08/23/94	36.34	11.82	24.52	12,000	—	45	10	360	20	—	—	—	—	—	—	—
MW-2	11/23/94	36.34	10.97	25.37	15,000	—	61	24	440	ND	—	—	—	—	—	—	—
MW-2	02/03/95	36.34	7.87	28.47	9,700	—	5.7	ND	250	10	—	—	—	—	—	—	—
MW-2	05/10/95	36.34	8.38	27.96	7,500	—	56	4.7	310	33	—	—	—	—	—	—	—
MW-2	08/02/95	36.34	9.36	26.98	8,200	—	53	22	220	25	—	—	—	—	—	—	—
MW-2	11/02/95	36.34	10.95	25.39	5,000	—	56	4.5	170	7.7	110	—	—	—	—	—	2.80
MW-2	02/08/96	36.34	7.52	28.82	—	—	—	—	—	—	—	—	—	—	—	—	2.21
MW-2	05/08/96	36.34	8.21	28.13	8,400	—	5.6	9.0	170	10	130	—	—	—	—	—	3.89**
MW-2	08/09/96	36.34	9.54	26.80	3,100	—	24	ND	80	ND	64	—	—	—	—	—	3.36
MW-2	11/07/96	36.34	10.69	25.65	36,000	—	140	ND	1,900	5,600	ND	—	—	—	—	—	1.96
MW-2	02/11/97	36.34	7.75	28.59	4,600	—	27	ND	53	ND	ND	—	—	—	—	—	2.12**
MW-2	05/07/97	36.34	9.14	27.20	5,300	—	61	ND	78	20	180	—	—	—	—	—	—
MW-2	08/05/97	36.34	10.23	26.11	3,100	—	35	ND	13	ND	58	—	—	—	—	—	2.38**
MW-2	08/12/98	36.30	8.82	27.48	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	05/04/91	—	—	—	9,100	—	2.0	ND	55	180	—	—	—	—	—	—	—
MW-3	09/19/91	—	—	—	7,600	—	ND	13	190	170	—	—	—	—	—	—	—
MW-3	12/18/91	—	—	—	5,900	—	54	6.4	110	64	—	—	—	—	—	—	—
MW-3	03/17/92	—	—	—	5,800	—	66	7.5	100	58	—	—	—	—	—	—	—
MW-3	05/19/92	—	—	—	3,400	—	25	3.6	66	41	—	—	—	—	—	—	—
MW-3	08/20/92	—	—	—	4,500	—	58	ND	65	35	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-3	11/10/92	—	—	—	3,400	—	37	ND	85	34	—	—	—	—	—	—	—
MW-3	02/20/93	—	—	—	1,600	—	12	18	8.9	12	—	—	—	—	—	—	—
MW-3	05/21/93	—	—	—	2,600	—	42	ND	43	15	—	—	—	—	—	—	—
MW-3	08/23/93	—	—	—	2,900	—	25	ND	50	18	—	—	—	—	—	—	—
MW-3	11/23/93	—	—	—	2,300	—	34	ND	24	5.6	—	—	—	—	—	—	—
MW-3	02/24/94	36.42	9.21	27.21	3,400	—	46	ND	53	11	—	—	—	—	—	—	—
MW-3	05/25/94	36.42	10.34	26.08	1,400	—	20	ND	ND	ND	—	—	—	—	—	—	—
MW-3	08/23/94	36.42	11.88	24.54	2,900	—	37	49	14	2.9	—	—	—	—	—	—	—
MW-3	11/23/94	36.42	10.98	25.44	3,200	—	48	ND	22	ND	—	—	—	—	—	—	—
MW-3	02/03/95	36.42	7.82	28.60	780	—	13	ND	2.1	ND	—	—	—	—	—	—	—
MW-3	05/10/95	36.42	8.38	28.04	1,300	—	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-3	08/02/95	36.42	9.49	26.93	1,500	—	6.3	ND	16	2.1	—	—	—	—	—	—	—
MW-3	11/02/95	36.42	11.00	25.42	1,100	—	5.2	2.1	7.4	0.5	15	—	—	—	—	—	4.98
MW-3	02/08/96	36.42	7.41	29.01	450	—	ND	ND	ND	ND	ND	—	—	—	—	—	2.78
MW-3	05/08/96	36.42	8.20	28.22	590	—	ND	11	10	ND	ND	—	—	—	—	—	3.73**
MW-3	08/09/96	36.42	9.53	26.89	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.29
MW-3	11/07/96	36.42	10.96	25.46	140	—	1.2	ND	ND	ND	5.6	—	—	—	—	—	3.15
MW-3	02/10/97	36.42	7.71	28.71	89	—	1.8	ND	ND	ND	ND	—	—	—	—	—	3.59**
MW-3	05/07/97	36.42	9.17	27.25	52 (d)	—	ND	ND	ND	5.1	5.1	—	—	—	—	—	—
MW-3	08/05/97	36.42	10.27	26.15	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	2.86**
MW-3	08/12/98	36.42	8.84	27.58	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	05/04/91	—	—	—	6,300	—	ND	ND	2.8	61	—	—	—	—	—	—	—
MW-4	09/19/91	—	—	—	1,800	—	0.83	ND	54	46	—	—	—	—	—	—	—
MW-4	12/18/91	—	—	—	2,500	—	28	2.5	54	22	—	—	—	—	—	—	—
MW-4	03/17/92	—	—	—	1,800	—	3.7	1.4	90	21	—	—	—	—	—	—	—
MW-4	05/19/92	—	—	—	2,000	—	20	3.5	42	8.3	—	—	—	—	—	—	—
MW-4	08/20/92	—	—	—	1,000	—	15	ND	11	3.0	—	—	—	—	—	—	—
MW-4	11/10/92	—	—	—	690	—	9.1	ND	16	2.8	—	—	—	—	—	—	—
MW-4	02/20/93	—	—	—	2,400	—	40	2.1	33	ND	—	—	—	—	—	—	—
MW-4	05/21/93	—	—	—	1,900	—	31	ND	20	4.5	—	—	—	—	—	—	—
MW-4	08/23/93	—	—	—	1,200	—	5.0	ND	16	ND	—	—	—	—	—	—	—
MW-4	11/23/93	—	—	—	720	—	10	ND	8.7	ND	—	—	—	—	—	—	—
MW-4	02/24/94	37.04	9.89	27.15	1,300	—	8.9	ND	20	ND	—	—	—	—	—	—	—
MW-4	05/25/94	37.04	11.02	26.02	1,700	—	22	ND	4.5	ND	—	—	—	—	—	—	
MW-4	08/23/94	37.04	12.57	24.47	690	—	9.2	1.3	7.1	1.9	—	—	—	—	—	—	—
MW-4	11/23/94	37.04	11.65	25.39	420	—	5.0	1.1	4.2	1.2	—	—	—	—	—	—	—
MW-4	02/03/95	37.04	8.52	28.52	620	—	6.4	ND	9.3	ND	—	—	—	—	—	—	—
MW-4	05/10/95	37.04	9.97	27.07	280	—	2.8	ND	2.7	2.4	—	—	—	—	—	—	—
MW-4	08/02/95	37.04	10.18	26.86	290	—	3.6	ND	2.8	ND	—	—	—	—	—	—	—
MW-4	11/02/95	37.04	11.67	25.37	42,000	—	390	210	2,800	6,300	270	—	—	—	—	—	7.91
MW-4	02/08/96	37.04	8.15	28.89	130	—	2.1	ND	1.5	0.69	ND	—	—	—	—	—	2.66
MW-4 (e)	05/08/96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-4	08/09/96	37.04	10.24	26.80	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	2.92
MW-4	11/07/96	37.04	11.58	25.46	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	4.32
MW-4	02/10/97	37.04	8.45	28.59	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.87**
MW-4	05/07/97	37.04	9.85	27.19	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—
MW-4	08/05/97	37.04	11.04	26.00	50	—	0.76	ND	ND	ND	ND	—	—	—	—	—	5.12**
MW-4	08/12/98	37.04	9.85	27.19	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	05/04/91	—	—	—	69,000	—	1,400	2,500	3,500	15,000	—	—	—	—	—	—	—
MW-5	09/19/91	—	—	—	57,000	—	1,600	2,700	5,200	20,000	—	—	—	—	—	—	—
MW-5	12/18/91	—	—	—	31,000	—	1,600	3,100	4,800	19,000	—	—	—	—	—	—	—
MW-5	03/17/92	—	—	—	81,000	—	850	1,600	4,800	18,000	—	—	—	—	—	—	—
MW-5	05/19/92	—	—	—	84,000	—	760	1,500	4,000	17,000	—	—	—	—	—	—	—
MW-5	08/20/92	—	—	—	58,000	—	660	1,700	4,200	19,000	—	—	—	—	—	—	—
MW-5	11/10/92	—	—	—	57,000	—	800	1,800	4,400	18,000	—	—	—	—	—	—	—
MW-5	02/20/93	—	—	—	17,000	—	75	ND	1,000	620	—	—	—	—	—	—	—
MW-5	05/21/93	—	—	—	55,000	—	ND	160	3,500	12,000	—	—	—	—	—	—	—
MW-5	08/23/93	—	—	—	61,000	—	340	380	3,600	14,000	—	—	—	—	—	—	—
MW-5	11/23/93	—	—	—	46,000	—	290	310	4,100	15,000	—	—	—	—	—	—	—
MW-5	02/24/94	35.94	9.02	26.92	57,000	—	140	400	4,400	16,000	—	—	—	—	—	—	—
MW-5	05/25/94	35.94	10.03	25.91	53,000	—	ND	ND	4,000	14,000	—	—	—	—	—	—	—
MW-5	08/23/94	35.94	11.57	24.37	61,000	—	360	380	4,800	17,000	—	—	—	—	—	—	—
MW-5	11/23/94	35.94	10.71	25.23	46,000	—	230	260	3,900	14,000	—	—	—	—	—	—	—
MW-5	02/03/95	35.94	7.69	28.25	56,000	—	140	330	3,500	13,000	—	—	—	—	—	—	—
MW-5	05/10/95	35.94	8.20	27.74	27,000	—	160	170	2,200	5,200	—	—	—	—	—	—	—
MW-5	08/02/95	35.94	9.23	26.71	65,000	—	260	300	3,500	12,000	—	—	—	—	—	—	—
MW-5	11/02/95	35.94	10.70	25.24	240	—	0.76	ND	1.1	ND	ND	—	—	—	—	—	2.30
MW-5	02/08/96	35.94	7.36	28.58	54,000	—	210	150	3,400	12,000	170	—	—	—	—	—	2.35
MW-5	05/08/96	35.94	8.25	27.69	52,000	—	170	200	3,600	11,000	170	—	—	—	—	—	1.29**
MW-5	08/09/96	35.94	9.37	26.57	25,000	—	54	16	1,700	4,700	ND	—	—	—	—	—	2.19
MW-5	11/07/96	35.94	10.65	25.29	2,100	—	42	ND	9.3	ND	2,300	—	—	—	—	—	1.84
MW-5	02/10/97	35.94	7.63	28.31	15,000	—	46	29	1,400	4,100	ND	—	—	—	—	—	2.07**
MW-5	05/07/97	35.94	8.98	26.96	38,000	—	120	ND	2,000	5,100	380	—	—	—	—	—	—
MW-5	08/05/97	35.94	11.08	24.86	310	—	1.0	ND	17	40	ND	—	—	—	—	—	2.36**
MW-5	08/12/98	35.92	8.69	27.23	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6	05/19/92	—	—	—	1,300	—	2.0	2.1	ND	2.7	—	—	—	—	—	—	—
MW-6	08/20/92	—	—	—	280	—	8.4	ND	0.51	0.84	—	—	—	—	—	—	—
MW-6	11/10/92	—	—	—	490	—	7.0	1.2	1.7	ND	—	—	—	—	—	—	—
MW-6	02/20/93	—	—	—	2,400	—	43	ND	33	2.0	—	—	—	—	—	—	—
MW-6	05/21/93	—	—	—	940	—	18	1.0	7.1	2.7	—	—	—	—	—	—	—
MW-6	08/23/93	—	—	—	1,000	—	9.4	2.3	5.0	2.3	—	—	—	—	—	—	—
MW-6	11/23/93	—	—	—	520	—	ND	1.7	1.9	0.82	—	—	—	—	—	—	—
MW-6 (f)	02/24/94	35.67	8.39	27.28	810	—	12	ND	2.6	0.77	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-6	05/25/94	35.67	9.55	26.12	500	—	11	ND	ND	0.73	—	—	—	—	—	—	—
MW-6	08/23/94	35.67	10.97	24.70	570	—	8.8	2.5	3.2	2.6	—	—	—	—	—	—	—
MW-6	11/23/94	35.67	10.21	25.46	460	—	6.4	1.1	1.9	1.1	—	—	—	—	—	—	—
MW-6	02/03/95	35.67	6.99	28.68	660	—	4.8	13	1.4	ND	—	—	—	—	—	—	—
MW-6	05/10/95	35.67	7.53	28.14	470	—	ND	0.65	1.4	0.67	—	—	—	—	—	—	—
MW-6	08/02/95	35.67	8.68	26.99	360	—	3.2	ND	1.6	ND	—	—	—	—	—	—	—
MW-6	11/02/95	35.67	10.20	25.47	470	—	ND	0.92	0.89	0.58	5.5	—	—	—	—	—	4.55
MW-6	02/08/96	35.67	6.66	29.01	450	—	3.1	ND	1.1	0.68	ND	—	—	—	—	—	3.77
MW-6	05/08/96	35.67	7.40	28.27	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.40**
MW-6	08/09/96	35.67	8.72	26.95	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.53
MW-6	11/07/96	35.67	10.12	25.55	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.99
MW-6	02/10/97	35.67	6.88	28.79	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.85**
MW-6	05/07/97	35.67	8.32	27.35	ND	—	ND	1.1	ND	ND	ND	—	—	—	—	—	—
MW-6	08/05/97	35.67	9.64	26.03	55	—	0.79	ND	ND	ND	ND	—	—	—	—	—	5.37**
MW-6	08/12/98	35.68	8.02	27.66	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	05/19/92	—	—	—	17,000	—	540	90	1,200	1,900	—	—	—	—	—	—	—
MW-7	08/20/92	—	—	—	13,000	—	460	54	ND	3,100	—	—	—	—	—	—	—
MW-7	11/10/92	—	—	—	1,800	—	74	ND	230	350	—	—	—	—	—	—	—
MW-7	02/20/93	—	—	—	1,800	—	37	4.6	11	7.7	—	—	—	—	—	—	—
MW-7	05/21/93	—	—	—	22,000	—	330	37	2,100	2,900	—	—	—	—	—	—	—
MW-7	08/23/93	—	—	—	33,000	—	360	ND	2,500	4,300	—	—	—	—	—	—	—
MW-7	11/23/93	—	—	—	19,000	—	310	30	2,500	2,300	—	—	—	—	—	—	—
MW-7 (f)	02/24/94	36.09	8.95	27.14	16,000	—	220	19	2,400	3,200	—	—	—	—	—	—	—
MW-7	05/25/94	36.09	10.00	26.09	14,000	—	200	ND	1,500	1,800	—	—	—	—	—	—	—
MW-7	08/23/94	36.09	11.43	24.66	19,000	—	210	50	2,000	2,800	—	—	—	—	—	—	—
MW-7	11/23/94	36.09	10.69	25.40	10,000	—	220	ND	1,000	730	—	—	—	—	—	—	—
MW-7	02/03/95	36.09	7.49	28.60	26,000	—	170	ND	2,300	3,700	—	—	—	—	—	—	—
MW-7	05/10/95	36.09	7.88	28.21	1,300	—	13	1.5	170	230	—	—	—	—	—	—	—
MW-7	08/02/95	36.09	9.02	27.07	15,000	—	200	ND	2,200	2,000	—	—	—	—	—	—	—
MW-7	11/02/95	36.09	10.55	25.54	18,000	—	190	9.4	2,100	2,200	72	—	—	—	—	—	—
MW-7	02/08/96	36.09	7.13	28.96	19,000	—	150	ND	2,100	3,000	ND	—	—	—	—	—	2.67
MW-7	05/08/96	36.09	7.11	28.98	13,000	—	130	18	1,900	1,600	85	—	—	—	—	—	2.20**
MW-7	08/09/96	36.09	9.07	27.02	11,000	—	67	ND	1,700	1,800	ND	—	—	—	—	—	2.37
MW-7	11/07/96	36.09	10.76	25.33	32,000	—	160	ND	3,300	8,400	570	—	—	—	—	—	2.22
MW-7	02/11/97	36.09	7.22	28.87	7,100	—	55	ND	ND	620	ND	—	—	—	—	—	2.33**
MW-7	05/07/97	36.09	8.47	27.62	6,000	—	74	ND	560	330	250	—	—	—	—	—	—
MW-7	08/05/97	36.09	10.25	25.84	5,000	—	66	ND	420	240	ND	—	—	—	—	—	2.69**
MW-7	08/12/98	36.06	8.42	27.64	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	05/19/92	—	—	—	5,300	—	28	3.3	2.6	2.1	—	—	—	—	—	—	—
MW-8 (c)	08/20/92	—	—	—	3,500	—	67	11	ND	ND	—	—	—	—	—	—	—
MW-8	11/10/92	—	—	—	1,800	—	20	ND	ND	ND	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-8	02/20/93	—	—	—	2,200	—	32	ND	42	5.0	—	—	—	—	—	—	—
MW-8	05/21/93	—	—	—	2,500	—	44	ND	ND	ND	—	—	—	—	—	—	—
MW-8 (c)	08/23/93	—	—	—	280	—	49	4.5	ND	ND	—	—	—	—	—	—	—
MW-8	11/23/93	—	—	—	1,800	—	ND	3.4	ND	ND	—	—	—	—	—	—	—
MW-8	02/24/94	36.89	10.44	26.45	1,200	—	10	2.3	ND	3.2	—	—	—	—	—	—	—
MW-8	05/25/94	36.89	11.12	25.77	14,000	—	29	ND	ND	ND	—	—	—	—	—	—	
MW-8	08/23/94	36.89	12.61	24.28	3,200	—	46	18	2.0	7.2	—	—	—	—	—	—	—
MW-8	11/23/94	36.89	11.98	24.91	1,700	—	34	ND	ND	3.1	—	—	—	—	—	—	—
MW-8	02/03/95	36.89	9.16	27.73	800	—	6.1	ND	ND	ND	—	—	—	—	—	—	—
MW-8	05/10/95	36.89	9.35	27.54	1,400	—	15	1.5	0.65	0.84	—	—	—	—	—	—	—
MW-8	08/02/95	36.89	10.40	26.49	690	—	8.3	1.9	ND	ND	—	—	—	—	—	—	—
MW-8	11/02/95	36.89	11.80	25.09	1,200	—	ND	1.9	0.56	ND	6.4	—	—	—	—	—	—
MW-8 (g)	02/14/96	36.89	9.24	27.65	650	—	9.0	1.2	ND	0.52	ND	—	—	—	—	—	3.85
MW-8	05/08/96	36.89	9.46	27.43	1,200	—	0.7	35	2.2	3.0	ND	—	—	—	—	—	2.09**
MW-8	08/09/96	36.89	10.47	26.42	350	—	ND	12	0.81	0.95	ND	—	—	—	—	—	2.56
MW-8	11/07/96	36.89	11.71	25.18	1,000	—	23	ND	ND	ND	ND	—	—	—	—	—	1.67
MW-8	02/10/97	36.89	8.84	28.05	630	—	13	ND	ND	8.1	ND	—	—	—	—	—	2.10**
MW-8 (c)	05/07/97	36.89	10.12	26.77	1,200	—	26	3.4	ND	20	20	—	—	—	—	—	—
MW-8 (c)	08/05/97	36.89	11.26	25.63	590	—	9.8	ND	ND	ND	ND	—	—	—	—	—	3.04**
MW-8	08/12/98	36.87	9.78	27.09	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-9	05/19/92	—	—	—	8,100	—	11	ND	25	5.8	—	—	—	—	—	—	—
MW-9 (c)	08/20/92	—	—	—	3,800	—	37	ND	ND	ND	—	—	—	—	—	—	—
MW-9	11/10/92	—	—	—	4,200	—	ND	ND	21	23	—	—	—	—	—	—	—
MW-9	02/20/93	—	—	—	2,300	—	47	ND	32	ND	—	—	—	—	—	—	—
MW-9	05/21/93	—	—	—	3,200	—	32	ND	8.1	ND	—	—	—	—	—	—	—
MW-9	08/23/93	—	—	—	3,000	—	29	ND	ND	ND	—	—	—	—	—	—	—
MW-9	11/23/93	—	—	—	2,500	—	23	2.1	ND	ND	—	—	—	—	—	—	—
MW-9	02/24/94	36.29	9.74	26.55	2,900	—	35	ND	ND	ND	—	—	—	—	—	—	—
MW-9	05/25/94	36.29	10.48	25.81	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—
MW-9	08/23/94	36.29	11.99	24.30	2,800	—	28	32	ND	ND	—	—	—	—	—	—	—
MW-9	11/23/94	36.29	11.31	24.98	2,000	—	24	2.2	2.2	2.5	—	—	—	—	—	—	—
MW-9	02/03/95	36.29	8.45	27.84	2,100	—	26	2.5	ND	ND	—	—	—	—	—	—	—
MW-9	05/10/95	36.29	8.70	27.59	1,700	—	0.81	2.2	1.0	1.4	—	—	—	—	—	—	—
MW-9	08/02/95	36.29	9.75	26.54	1,900	—	26	6.6	ND	3.9	—	—	—	—	—	—	—
MW-9	11/02/95	36.29	11.16	25.13	1,600	—	ND	1.3	ND	ND	11	—	—	—	—	—	—
MW-9	02/08/96	36.29	8.15	28.14	1,900	—	ND	ND	ND	ND	ND	—	—	—	—	—	3.62
MW-9	05/08/96	36.29	8.75	27.54	1,700	—	1.9	22	1.7	2.7	ND	—	—	—	—	—	2.20**
MW-9	08/09/96	36.29	9.84	26.45	200	—	ND	4.5	ND	0.58	ND	—	—	—	—	—	2.51
MW-9	11/07/96	36.29	11.10	25.19	920	—	24	ND	ND	ND	ND	—	—	—	—	—	2.06
MW-9	02/11/97	36.29	8.15	28.14	580	—	14	2.4	ND	ND	16	—	—	—	—	—	1.96**
MW-9	05/07/97	36.29	9.45	26.84	810	—	11	3.9	1.7	9.9	13	—	—	—	—	—	—
MW-9 (c)	08/05/97	36.29	10.70	25.59	850	—	21	ND	ND	ND	33	—	—	—	—	—	2.57**

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-9	08/12/98	36.27	9.18	27.09	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-10	08/20/92	—	—	—	15,000	—	230	ND	1,000	350	—	—	—	—	—	—	—
MW-10	11/10/92	—	—	—	15,000	—	300	42	3,500	330	—	—	—	—	—	—	—
MW-10	02/20/93	—	—	—	17,000	—	74	ND	1,000	620	—	—	—	—	—	—	—
MW-10	05/21/93	—	—	—	23,000	—	250	ND	3,000	240	—	—	—	—	—	—	—
MW-10	08/23/93	—	—	—	20,000	—	230	13	3,200	140	—	—	—	—	—	—	—
MW-10	11/23/93	—	—	—	18,000	—	300	10	2,800	110	—	—	—	—	—	—	—
MW-10	02/24/94	36.04	9.57	26.47	15,000	—	330	19	2,000	83	—	—	—	—	—	—	—
MW-10	05/25/94	36.04	10.32	25.72	14,000	—	240	ND	230	62	—	—	—	—	—	—	—
MW-10	08/23/94	36.04	11.81	24.23	16,000	—	250	41	1,800	74	—	—	—	—	—	—	—
MW-10	11/23/94	36.04	11.10	24.94	16,000	—	260	ND	1,600	49	—	—	—	—	—	—	—
MW-10	02/03/95	36.04	8.32	27.72	17,000	—	310	ND	1,500	93	—	—	—	—	—	—	—
MW-10	05/10/95	36.04	8.70	27.34	12,000	—	260	16	1,200	54	—	—	—	—	—	—	—
MW-10	08/02/95	36.04	9.55	26.49	8,900	—	240	ND	780	40	—	—	—	—	—	—	—
MW-10	11/02/95	36.04	11.03	25.01	9,300	—	190	ND	470	1.7	110	—	—	—	—	—	3.96
MW-10	02/08/96	36.04	8.05	27.99	9,700	—	170	ND	440	ND	ND	—	—	—	—	—	2.88
MW-10	05/08/96	36.04	8.70	27.34	7,100	—	100	ND	240	ND	43	—	—	—	—	—	2.71**
MW-10	08/09/96	36.04	9.76	26.28	4,400	—	59	7.5	110	6.5	73	—	—	—	—	—	2.63
MW-10	11/07/96	36.04	10.92	25.12	6,300	—	65	ND	110	ND	130	—	—	—	—	—	1.81
MW-10	02/10/97	36.04	8.10	27.94	6,800	—	91	ND	100	ND	210	—	—	—	—	—	2.03**
MW-10	05/07/97	36.04	9.28	26.76	4,800	—	76	ND	50	ND	160	—	—	—	—	—	—
MW-10	08/05/97	36.04	10.51	25.53	4,200	—	52	ND	40	ND	81	—	—	—	—	—	2.78**
MW-10	08/12/98	36.02	9.27	26.75	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-11 (c)	08/20/92	—	—	—	4,600	—	62	ND	ND	54	—	—	—	—	—	—	—
MW-11	11/10/92	—	—	—	5,800	—	130	ND	260	42	—	—	—	—	—	—	—
MW-11	02/20/93	—	—	—	18,000	—	76	ND	1,000	630	—	—	—	—	—	—	—
MW-11	05/21/93	—	—	—	7,100	—	64	ND	340	120	—	—	—	—	—	—	—
MW-11	08/23/93	—	—	—	5,400	—	68	ND	230	43	—	—	—	—	—	—	—
MW-11	11/23/93	—	—	—	3,400	—	105	ND	120	43	—	—	—	—	—	—	—
MW-11	02/24/94	35.50	9.20	26.30	4,600	—	170	ND	140	36	—	—	—	—	—	—	—
MW-11	05/25/94	35.50	9.94	25.56	1,400	—	49	ND	26	ND	—	—	—	—	—	—	—
MW-11	08/23/94	35.50	11.39	24.11	7,300	—	250	13	150	42	—	—	—	—	—	—	—
MW-11	11/23/94	35.50	10.67	24.83	5,800	—	250	10	120	22	—	—	—	—	—	—	—
MW-11	02/03/95	35.50	8.02	27.48	4,400	—	110	ND	150	37	—	—	—	—	—	—	—
MW-11	05/10/95	35.50	8.36	27.14	4,200	—	120	ND	170	38	—	—	—	—	—	—	—
MW-11	08/02/95	35.50	9.31	26.19	4,200	—	110	ND	110	22	—	—	—	—	—	—	—
MW-11	11/02/95	35.50	10.85	24.65	6,100	—	150	ND	78	6.8	6,200	—	—	—	—	—	3.55
MW-11 (g)	02/14/96	35.50	8.18	27.32	3,100	—	60	ND	98	ND	4,000	—	—	—	—	—	2.19
MW-11	05/08/96	35.50	8.50	27.00	3,500	—	120	ND	160	ND	6,400	—	—	—	—	—	2.06**
MW-11	08/09/96	35.50	9.46	26.04	1,100	—	42	ND	15	ND	4,300	—	—	—	—	—	2.11
MW-11	11/07/96	35.50	10.58	24.92	2,900	—	57	ND	13	ND	3,400	—	—	—	—	—	2.35

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-11	02/10/97	35.50	7.88	27.62	600	—	9.5	ND	ND	ND	3,100	—	—	—	—	—	2.18**
MW-11	05/07/97	35.50	9.07	26.43	1,900	—	45	ND	31	ND	2,400	—	—	—	—	—	—
MW-11	08/05/97	35.50	10.23	25.27	2,100	—	35	ND	24	ND	1,800	—	—	—	—	—	3.19**
MW-11	08/12/98	35.50	8.85	26.65	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2 (h)	05/08/96	35.44	9.12	26.32	540	—	0.68	21	1.0	1.7	ND	—	—	—	—	—	—
MW-2 (h)	08/09/96	35.44	9.98	25.46	170	—	ND	7.8	ND	ND	ND	—	—	—	—	—	—
MW-2 (h)	11/07/96	35.44	10.98	24.46	430	—	8.9	1.5	ND	ND	10	—	—	—	—	—	2.85
MW-2 (d)(h)	02/11/97	35.44	8.63	26.81	230	—	4.6	1.0	ND	ND	10	—	—	—	—	—	2.73**
MW-2 (h)	05/07/97	35.44	9.58	25.86	ND	—	ND	ND	ND	ND	14	—	—	—	—	—	—
MW-2 (h)	08/05/97	35.44	10.62	24.82	360	—	5.5	50	ND	ND	ND	—	—	—	—	—	3.99**
MW-2 (h)	08/12/98	35.44	9.43	26.01	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3 (h)	05/08/96	35.81	8.73	27.08	4,700	—	7.9	36	13	4.0	42	—	—	—	—	—	—
MW-3 (h)	08/09/96	35.81	9.73	26.08	2,000	—	ND	14	7.6	ND	ND	—	—	—	—	—	—
MW-3 (h)	11/07/96	35.81	10.88	24.93	1,800	—	29	ND	ND	ND	40	—	—	—	—	—	2.41
MW-3 (h)	02/11/97	35.81	8.16	27.65	3,500	—	70	14	ND	ND	150	—	—	—	—	—	2.55**
MW-3 (h)	05/07/97	35.81	9.35	26.46	3,100	—	48	ND	ND	ND	110	—	—	—	—	—	—
MW-3 (h)	08/05/97	35.81	10.44	25.37	3,200	—	43	5.7	ND	ND	61	—	—	—	—	—	3.74**
MW-3 (h)	08/12/98	35.82	9.11	26.71	—	—	—	—	—	—	—	—	—	—	—	—	—
CHEVRON Wells																	
MW-1	12/08/87	35.77	11.93	23.84	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	05/23/88	35.77	11.54	24.23	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	06/07/88	35.77	11.67	24.10	<1,000	—	7.0	4.6	1.1	20	—	—	—	—	—	—	—
MW-1	08/05/88	35.77	12.59	23.18	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	09/08/88	35.77	12.96	22.81	600	—	0.91	<1.0	7.0	18	—	—	—	—	0.2	<0.1	—
MW-1	12/05/88	35.77	13.08	22.69	2,200	—	16	5.0	150	250	—	—	—	—	<1.0	<1.0	—
MW-1	12/05/88	35.77	13.08	22.69	2,700	—	16	5.0	170	330	—	—	—	—	<1.0	<1.0	—
MW-1	03/14/89	35.77	11.66	24.11	3,900	—	11	2.1	66	150	—	—	—	—	—	—	—
MW-1	06/13/89	35.77	11.95	23.82	3,000	—	2.0	1.0	23	51	—	—	—	—	—	—	—
MW-1	09/13/89	35.77	13.22	22.55	1,400	—	0.8	2.0	6.0	9.0	—	—	—	—	—	—	—
MW-1	12/13/89	35.77	13.18	22.59	870	—	4.0	2.0	7.0	14	—	—	—	—	—	—	—
MW-1	03/13/90	35.77	12.28	23.49	870	—	1.0	<0.3	7.0	13	—	—	—	—	—	—	—
MW-1	10/11/90	35.77	13.71	22.06	2,100	—	4.5	4.3	19	84	—	—	—	—	—	—	—
MW-1	04/05/91	35.77	11.28	24.49	6,000	—	19	12	86	130	—	—	—	—	—	—	—
MW-1	10/30/91	35.77	14.00	21.77	3,800	—	360	31	18	17	—	—	—	—	—	—	—
MW-1	04/23/92	35.77	10.79	24.98	320	—	30	1.4	1.6	1.7	—	—	—	—	—	—	—
MW-1	07/20/92	35.77	11.95	23.82	1,100	—	25	4.4	3.6	4.9	—	—	—	—	—	—	—
MW-1	10/30/92	35.77	13.24	22.53	1,300	—	6.0	8.0	4.2	7.0	—	—	—	—	—	—	—
MW-1	01/20/93	35.77	9.70	26.07	1,000	—	7.7	3.1	4.9	7.2	—	—	—	—	—	—	—
MW-1	04/30/93	35.77	9.13	26.64	960	—	1.8	4.3	4.1	6.8	—	—	—	—	—	—	—
MW-1	08/06/93	35.77	10.55	25.22	950	—	<1.0	1.9	2.2	1.9	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-1	10/22/93	35.77	11.38	24.39	920	—	1.4	1.3	0.7	6.0	—	—	—	—	—	—	—
MW-1	01/25/94	35.77	11.14	24.63	6,000	—	<2.5	12	18	60	—	—	—	—	—	—	—
MW-1	04/05/94	35.77	10.34	25.43	480	—	1.5	5.3	5.5	7.9	—	—	—	—	—	—	—
MW-1	07/01/94	35.77	10.96	24.81	1,000	—	0.9	8.5	9.7	29	—	—	—	—	—	—	—
MW-1(e)	02/13/95	35.77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-1	05/10/95	35.77	8.76	27.01	270	—	0.72	2.0	1.3	4.3	—	—	—	—	—	—	—
MW-1	08/02/95	35.77	9.71	26.06	310	—	2.0	<1.2	5.4	6.2	—	—	—	—	—	—	—
MW-1	05/08/96	35.77	9.00	26.77	<50	—	<0.5	<0.5	<0.5	<0.5	3.8	—	—	—	—	—	—
MW-1	11/07/96	35.77	10.76	25.01	<50	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-1	05/07/97	35.77	9.24	26.53	190	—	0.6	<0.5	1.6	<0.5	<2.5	—	—	—	—	—	—
MW-1	11/04/97	35.77	11.35	24.42	81	—	<0.5	<0.5	<0.5	<0.5	16	—	—	—	—	—	—
MW-2	12/08/87	35.00	10.79	24.21	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	05/23/88	35.00	10.80	24.20	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	06/07/88	35.00	10.93	24.07	<1,000	—	52	5.8	13	12	—	—	—	—	—	—	—
MW-2	08/05/88	35.00	11.86	23.14	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	09/08/88	35.00	12.26	22.74	600	—	1.0	<10	<10	<10	—	—	—	—	<1.0	<1.0	—
MW-2	09/08/88	35.00	12.26	22.74	400	—	1.3	<1.0	<1.0	<1.0	—	—	—	—	<0.1	<0.1	—
MW-2	12/05/88	35.00	12.37	22.63	<100	—	<0.5	<1.0	2.0	<1.0	—	—	—	—	<1.0	<1.0	—
MW-2	03/14/89	35.00	11.00	24.00	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-2	06/13/89	35.00	11.22	23.78	<500	—	0.7	<0.5	2.0	3.0	—	—	—	—	—	—	—
MW-2	09/13/89	35.00	12.53	22.47	<500	—	0.5	1.0	<0.5	0.8	—	—	—	—	—	—	—
MW-2	12/13/89	35.00	12.45	22.55	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-2	03/13/90	35.00	11.53	23.47	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-2	10/11/90	35.00	12.95	22.05	<50	—	<0.5	0.6	0.7	1.1	—	—	—	—	—	—	—
MW-2	04/05/91	35.00	10.52	24.48	160	—	1.3	<0.5	0.7	0.8	—	—	—	—	—	—	—
MW-2	10/30/91	35.00	13.62	21.38	69	—	3.0	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-2	10/30/91	35.00	13.62	21.38	81	—	7.4	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-2	04/23/92	35.00	10.08	24.92	250	—	53	29	3.5	11	—	—	—	—	—	—	—
MW-2	07/20/92	35.00	11.22	23.78	690	—	94	6.6	5.5	4.7	—	—	—	—	—	—	—
MW-2	10/30/92	35.00	12.52	22.48	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-2	01/20/93	35.00	9.00	26.00	780	—	<0.5	1.7	12	10	—	—	—	—	—	—	—
MW-2	04/30/93	35.00	8.49	26.51	720	—	8.7	1.8	4.7	5.1	—	—	—	—	—	—	—
MW-2	08/06/93	35.00	9.92	25.08	780	—	2.4	1.2	2.6	3.4	—	—	—	—	—	—	—
MW-2	10/22/93	35.00	10.70	24.30	1,700	—	38	53	11	80	—	—	—	—	—	—	—
MW-2	01/25/94	35.00	10.48	24.52	600	—	1.1	1.9	2.4	3.7	—	—	—	—	—	—	—
MW-2	04/05/94	35.00	9.65	25.35	970	—	6.0	<0.5	4.5	8.2	—	—	—	—	—	—	—
MW-2	07/01/94	35.00	10.27	24.73	940	—	4.0	5.0	4.9	13	—	—	—	—	—	—	—
MW-2	02/13/95	35.00	8.24	26.76	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	05/10/95	35.00	8.15	26.85	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2	08/02/95	35.00	9.08	25.92	260	—	<1.0	<1.0	<1.0	1.2	—	—	—	—	—	—	—
MW-2	05/08/96	35.00	8.41	26.59	120	—	<0.5	<0.5	<0.5	<0.5	4.6	—	—	—	—	—	—
MW-2	11/07/96	35.00	10.08	24.92	—	—	—	—	—	—	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-2	05/07/97	35.00	8.05	26.95	160	—	<0.5	<0.5	<0.5	<0.5	9.3	—	—	—	—	—	—
MW-2	11/04/97	35.00	10.70	24.30	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	12/08/87	36.17	12.31	23.86	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	05/23/88	36.17	10.82	25.35	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	06/07/88	36.17	12.10	24.07	<1,000	—	6.3	13	23	220	—	—	—	—	—	—	—
MW-3	08/05/88	36.17	13.04	23.13	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-3	09/08/88	36.17	13.41	22.76	2,000	—	1.2	<1.0	38	100	—	—	—	—	<0.1	<0.1	—
MW-3	12/06/88	36.17	13.50	22.67	3,000	—	10	<10	250	740	—	—	—	—	<10	<10	—
MW-3	03/14/89	36.17	12.15	24.02	600	—	1.4	<0.5	8.7	17	—	—	—	—	—	—	—
MW-3	06/13/89	36.17	12.40	23.77	10,000	—	9.0	6.0	290	530	—	—	—	—	—	—	—
MW-3	09/13/89	36.17	13.68	22.49	8,100	—	4.0	3.0	86	210	—	—	—	—	—	—	—
MW-3	12/13/89	36.17	13.58	22.59	2,600	—	20	<0.3	91	170	—	—	—	—	—	—	—
MW-3	03/13/90	36.17	12.69	23.48	4,200	—	17	<0.3	130	200	—	—	—	—	—	—	—
MW-3	10/11/90	36.17	14.11	22.06	9,800	—	3.0	28	380	640	—	—	—	—	—	—	—
MW-3	10/11/90	36.17	14.11	22.06	9,800	—	<3.0	12	430	720	—	—	—	—	—	—	—
MW-3	04/05/91	36.17	11.65	24.52	120,000	—	<60	200	630	970	—	—	—	—	—	—	—
MW-3	04/05/91	36.17	11.65	24.52	96,000	—	<15	92	420	570	—	—	—	—	—	—	—
MW-3	10/30/91	36.17	14.36	21.81	5,100	—	<0.5	8.8	66	73	—	—	—	—	—	—	—
MW-3	04/23/92	36.17	11.24	24.93	590	—	<0.5	1.6	1.1	0.6	—	—	—	—	—	—	—
MW-3	07/20/92	36.17	12.38	23.79	2,100	—	12	3.5	25	21	—	—	—	—	—	—	—
MW-3	10/30/92	36.17	13.68	22.49	2,900	—	8.1	8.0	23	20	—	—	—	—	—	—	—
MW-3	01/20/93	36.17	10.16	26.01	420	—	42	3.8	3.1	2.3	—	—	—	—	—	—	—
MW-3	04/30/93	36.17	9.64	26.53	340	—	1.7	0.9	<0.5	<1.5	—	—	—	—	—	—	—
MW-3	08/06/93	36.17	11.05	25.12	3,000	—	<1.0	8.8	7.7	6.1	—	—	—	—	—	—	—
MW-3	10/22/93	36.17	11.86	24.31	3,000	—	3.6	3.4	<0.5	6.2	—	—	—	—	—	—	—
MW-3	01/25/94	36.17	11.66	24.51	5,600	—	8.2	15	18	34	—	—	—	—	—	—	—
MW-3	04/05/94	36.17	10.82	25.35	1,700	—	50	32	24	31	—	—	—	—	—	—	—
MW-3	07/01/94	36.17	11.43	24.74	3,800	—	1.3	16	12	20	—	—	—	—	—	—	—
MW-3	02/13/95	36.17	9.33	26.84	1,700	—	<2.5	<2.5	4.0	5.4	—	—	—	—	—	—	—
MW-3	05/10/95	36.17	9.26	26.91	20,000	—	<5.0	<5.0	<5.0	<5.0	—	—	—	—	—	—	—
MW-3	08/02/95	36.17	10.20	25.97	1,700	—	<10	<10	<10	<10	—	—	—	—	—	—	—
MW-3	05/08/96	36.17	9.53	26.64	720	—	<1.0	1.8	1.3	2.0	52	—	—	—	—	—	—
MW-3	11/07/96	36.17	11.44	24.73	1,400	—	<1.2	<1.2	<1.2	6.9	7.9	—	—	—	—	—	—
MW-3	05/07/97	36.17	9.37	26.80	1,500	—	9.7	<2.0	3.7	<2.0	<10	—	—	—	—	—	—
MW-3	11/04/97	36.17	11.75	24.42	1,300	—	16	7.4	<2.0	3.6	21	—	—	—	—	—	—
MW-4	12/08/87	36.05	11.72	24.33	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	05/23/88	36.05	11.61	24.44	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	06/08/88	36.05	11.94	24.11	<1,000	—	<0.5	31	1.0	1.1	—	—	—	—	—	—	—
MW-4	08/05/88	36.05	12.80	23.25	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	09/08/88	36.05	13.19	22.86	1,300	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	<0.1	<0.1	—
MW-4	12/06/88	36.05	13.31	22.74	100	—	<1.0	<1.0	<1.0	<1.0	—	—	—	—	<1.0	<1.0	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-4	03/14/89	36.05	11.88	24.17	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-4	06/13/89	36.05	12.19	23.86	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-4	09/13/89	36.05	13.49	22.56	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-4	12/13/89	36.05	13.33	22.72	140	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-4	03/13/90	36.05	11.49	24.56	210	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-4	10/11/90	36.05	13.93	22.12	370	—	<0.5	2.8	1.9	3.9	—	—	—	—	—	—	—
MW-4	04/05/91	36.05	11.42	24.63	790	—	<0.5	1.6	1.6	2.3	—	—	—	—	—	—	—
MW-4	10/30/91	36.05	14.43	21.62	510	—	<0.5	0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-4	04/23/92	36.05	10.93	25.12	880	—	6.6	7.0	5.9	11	—	—	—	—	—	—	—
MW-4	07/20/92	36.05	12.14	23.91	500	—	<0.5	1.2	0.6	2.2	—	—	—	—	—	—	—
MW-4	10/30/92	36.05	13.45	22.60	750	—	<0.5	1.4	6.0	21	—	—	—	—	—	—	—
MW-4	01/20/93	36.05	9.76	26.29	280	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-4	04/30/93	36.05	9.19	26.86	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-4	08/06/93	36.05	10.68	25.37	580	—	<1.0	12	<1.0	<3.0	—	—	—	—	—	—	—
MW-4	10/22/93	36.05	11.54	24.51	<50	—	<0.5	0.6	<0.5	<1.5	—	—	—	—	—	—	—
MW-4	01/25/94	36.05	11.37	24.68	1,200	—	2.0	5.4	5.5	8.2	—	—	—	—	—	—	—
MW-4	04/05/94	36.05	10.51	25.54	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-4	07/01/94	36.05	11.14	24.91	350	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-4	02/13/95	36.05	8.95	27.10	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	05/10/95	36.05	8.86	27.19	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	08/02/95	36.05	9.90	26.15	130	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-4	05/08/96	36.05	9.10	26.95	<50	—	<0.5	0.63	<0.5	<0.5	7.5	—	—	—	—	—	—
MW-4	11/07/96	36.05	10.78	25.27	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-4	05/07/97	36.05	8.98	27.07	120	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-4	11/04/97	36.05	11.47	24.58	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	12/08/87	35.65	12.04	23.61	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	05/23/88	35.65	11.39	24.26	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	06/08/88	35.65	11.48	24.17	<1,000	—	<0.5	5.0	2.0	5.5	—	—	—	—	—	—	—
MW-5	08/05/88	35.65	12.42	23.23	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	09/08/88	35.65	12.79	22.86	340	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	0.2	<0.1	—
MW-5	12/06/88	35.65	12.96	22.69	<100	—	<1.0	<1.0	<1.0	<1.0	—	—	—	—	<1.0	<1.0	—
MW-5	03/14/89	35.65	11.58	24.07	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	06/13/89	35.65	11.80	23.85	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	09/13/89	35.65	13.11	22.54	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	12/13/89	35.65	13.30	22.35	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-5	03/13/90	35.65	12.12	23.53	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-5	10/11/90	35.65	13.56	22.09	<50	—	<0.5	<0.5	<0.5	1.0	—	—	—	—	—	—	—
MW-5	04/05/91	35.65	11.09	24.56	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	10/30/91	35.65	14.12	21.53	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	04/23/92	35.65	10.58	25.07	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	07/20/92	35.65	11.78	23.87	<50	—	<0.5	<0.5	<0.5	0.7	—	—	—	—	—	—	—
MW-5	10/30/92	35.65	13.08	22.57	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-5	01/20/93	35.65	8.44	27.21	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	04/30/93	35.65	8.85	26.80	<50	—	<0.5	0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-5	08/06/93	35.65	10.35	25.30	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-5	10/22/93	35.65	11.19	24.46	<50	—	0.9	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-5	01/25/94	35.65	11.02	24.63	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	04/05/94	35.65	10.15	25.50	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	07/01/94	35.65	10.79	24.86	110	—	<0.5	1.0	<0.5	0.8	—	—	—	—	—	—	—
MW-5	02/13/95	35.65	8.66	26.99	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	05/10/95	35.65	8.50	27.15	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	08/02/95	35.65	9.48	26.17	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-5	05/08/96	35.65	8.80	26.85	<50	—	<0.5	0.63	<0.5	<0.5	7.1	—	—	—	—	—	—
MW-5	11/07/96	35.65	10.18	25.47	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-5	05/07/97	35.65	8.86	26.79	<50	—	<0.5	0.63	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-5	11/04/97	35.65	11.17	24.48	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6	06/08/88	36.92	12.90	24.02	<1,000	—	<0.5	6.0	11	30	—	—	—	—	—	—	—
MW-6	08/05/88	36.92	13.76	23.16	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-6	09/08/88	36.92	14.13	22.79	1,200	—	0.6	<1.0	95	16	—	—	—	—	0.3	<0.1	—
MW-6	12/06/88	36.92	14.28	22.64	600	—	0.7	<1.0	6.0	9.0	—	—	—	—	<0.1	<0.1	—
MW-6	03/14/89	36.92	12.91	24.01	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-6	06/13/89	36.92	13.03	23.89	2,000	—	<0.5	0.9	3.0	5.0	—	—	—	—	—	—	—
MW-6	09/13/89	36.92	14.35	22.57	2,300	—	1.0	3.0	0.9	3.0	—	—	—	—	—	—	—
MW-6	12/13/89	36.92	14.39	22.53	870	—	5.0	1.0	2.0	1.0	—	—	—	—	—	—	—
MW-6	03/13/90	36.92	13.76	23.16	1,000	—	1.0	<0.3	1.0	1.0	—	—	—	—	—	—	—
MW-6	10/11/90	36.92	14.88	22.04	370	—	<0.5	1.1	0.6	0.8	—	—	—	—	—	—	—
MW-6	04/05/91	36.92	12.38	24.54	520	—	<0.5	1.0	1.0	<0.5	—	—	—	—	—	—	—
MW-6	10/30/91	36.92	15.09	21.83	760	—	<0.5	1.6	0.9	<0.5	—	—	—	—	—	—	—
MW-6	04/23/92	36.92	11.99	24.93	1,000	—	30	22	7.4	32	—	—	—	—	—	—	—
MW-6	07/20/92	36.92	13.14	23.78	400	—	<0.5	0.6	<0.5	0.5	—	—	—	—	—	—	—
MW-6	10/30/92	36.92	14.45	22.47	420	—	2.3	1.3	<0.5	<0.5	—	—	—	—	—	—	—
MW-6	01/20/93	36.92	10.80	26.12	580	—	4.3	0.7	1.1	0.8	—	—	—	—	—	—	—
MW-6	04/30/93	36.92	10.36	26.56	750	—	<0.5	1.5	0.7	<1.5	—	—	—	—	—	—	—
MW-6	08/06/93	36.92	11.75	25.17	1,200	—	<0.5	2.9	0.6	<0.9	—	—	—	—	—	—	—
MW-6	10/22/93	36.92	12.60	24.32	1,100	—	8.7	1.1	0.6	<1.5	—	—	—	—	—	—	—
MW-6	01/25/94	36.92	12.41	24.51	730	—	5.3	3.4	1.2	2.2	—	—	—	—	—	—	—
MW-6	04/05/94	36.92	11.54	25.38	450	—	10	3.3	0.6	0.6	—	—	—	—	—	—	—
MW-6	07/01/94	36.92	12.20	24.72	1,000	—	1.6	6.6	0.8	1.8	—	—	—	—	—	—	—
MW-6	02/13/95	36.92	10.20	26.72	870	—	<1.0	<1.0	<1.0	<1.0	—	—	—	—	—	—	—
MW-6	05/10/95	36.92	10.04	26.88	690	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-6	08/02/95	36.92	10.90	26.02	1,200	—	<2.0	<2.0	<2.0	<2.0	—	—	—	—	—	—	—
MW-6	05/08/96	36.92	10.28	26.64	700	—	<5.0	<5.0	<5.0	<5.0	<25	—	—	—	—	—	—
MW-6	11/07/96	36.92	11.28	25.64	450	—	5.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-6	05/07/97	36.92	10.48	26.44	1,700	—	24.0	4.4	<1.0	<1.0	6	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-6	11/04/97	36.92	12.42	24.50	1,400	—	<2.0	<2.0	<2.0	<2.0	15	—	—	—	—	—	—
MW-7	06/08/88	35.71	11.66	24.05	<1,000	—	<0.5	0.8	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	08/05/88	35.71	12.51	23.20	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	09/08/88	35.71	12.88	22.83	80	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	0.2	<0.1	—
MW-7	12/06/88	35.71	13.06	22.65	<50	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	<0.1	<0.1	—
MW-7	03/14/89	35.71	11.74	23.97	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	06/13/89	35.71	11.87	23.84	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	09/13/89	35.71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	12/13/89	35.71	13.10	22.61	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-7	03/13/90	35.71	12.21	23.50	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-7	10/11/90	35.71	13.68	22.03	66	—	<0.5	0.8	1.5	3.0	—	—	—	—	—	—	—
MW-7	04/05/91	35.71	11.27	24.44	260	—	0.6	0.9	0.7	1.1	—	—	—	—	—	—	—
MW-7	10/30/91	35.71	14.10	21.61	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	04/23/92	35.71	10.74	24.97	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	07/20/92	35.71	11.89	23.82	<50	—	<0.5	<0.5	<0.5	0.7	—	—	—	—	—	—	—
MW-7	10/30/92	35.71	13.20	22.51	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	01/20/93	35.71	9.58	26.13	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	04/30/93	35.71	9.04	26.67	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-7	08/06/93	35.71	10.45	25.26	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-7	10/22/93	35.71	11.34	24.37	<50	—	<0.5	0.7	<0.5	<1.5	—	—	—	—	—	—	—
MW-7	01/25/94	35.71	11.14	24.57	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	04/05/94	35.71	10.25	25.46	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	07/01/94	35.71	10.67	25.04	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	02/13/95	35.71	8.71	27.00	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	05/10/95	35.71	8.67	27.04	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	08/02/95	35.71	9.66	26.05	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-7	05/08/96	35.71	8.92	26.79	<50	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-7	11/07/96	35.71	10.36	25.35	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-7	05/07/97	35.71	9.21	26.50	<50	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-7	11/04/97	35.71	11.01	24.70	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	06/08/88	35.28	11.32	23.96	<1,000	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	08/05/88	35.28	12.16	23.12	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	09/08/88	35.28	12.52	22.76	<50	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	0.1	<0.1	—
MW-8	12/05/88	35.28	12.69	22.59	<50	—	<0.1	<1.0	<1.0	<1.0	—	—	—	—	<0.1	<0.1	—
MW-8	03/14/89	35.28	11.43	23.85	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	06/13/89	35.28	11.50	23.78	<500	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	09/13/89	35.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	12/13/89	35.28	12.72	22.56	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-8	03/13/90	35.28	11.83	23.45	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	—	—	—	—
MW-8	10/11/90	35.28	13.31	21.97	<50	—	<0.5	<0.5	<0.5	0.5	—	—	—	—	—	—	—
MW-8	04/05/91	35.28	10.90	24.38	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)
MW-8	10/30/91	35.28	13.56	21.72	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	04/23/92	35.28	10.42	24.86	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	07/20/92	35.28	11.54	23.74	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	10/30/92	35.28	12.84	22.44	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	01/20/93	35.28	9.40	25.88	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	04/30/93	35.28	8.84	26.44	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-8	08/06/93	35.28	10.17	25.11	<50	—	<0.5	<0.5	<0.5	<1.5	—	—	—	—	—	—	—
MW-8	10/22/93	35.28	11.04	24.24	<50	—	<0.5	0.7	<0.5	<1.5	—	—	—	—	—	—	—
MW-8	01/25/94	35.28	10.81	24.47	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	04/05/94	35.28	9.94	25.34	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	07/01/94	35.28	10.92	24.36	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	02/13/95	35.28	8.53	26.75	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8 (e)	05/10/95	35.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	06/06/95	35.28	8.76	26.52	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	08/02/95	35.28	9.38	25.90	<50	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-8	05/08/96	35.28	8.70	26.58	<50	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-8	11/07/96	35.28	10.23	25.05	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-8	05/07/97	35.28	8.74	26.54	<50	—	<0.5	<0.5	<0.5	<0.5	<2.5	—	—	—	—	—	—
MW-8	11/04/97	35.28	10.63	24.65	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-A	05/10/95	—	9.08	—	210	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-A	08/04/95	—	10.02	—	220	—	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	—	—
MW-A	05/08/96	—	9.50	—	78	—	<0.5	<0.5	<0.5	<0.5	2.5	—	—	—	—	—	—
MW-A	11/07/96	—	11.14	—	480	—	3.5	<0.5	3.1	1.3	<2.5	—	—	—	—	—	—
MW-A	05/07/97	—	9.54	—	18	—	1.1	<0.5	<0.5	0.60	<2.5	—	—	—	—	—	—
MW-A	11/04/97	—	11.45	—	230	—	1.6	1.0	<0.5	0.70	4.1	—	—	—	—	—	—

NOTES:
TPH-G = total petroleum hydrocarbons as gasoline
TPH-D = total petroleum hydrocarbons as diesel
MTBE = methyl-tert butyl ether
TOG = total oil and grease
TRPO = total recoverable petroleum oil
EDC = 1,2-dichloroethane
EDB = ethylene dibromide

ppb = parts per billion
ppm = parts per million
mg/L = milligrams per liter
ND = not detected at or above method detection limit
— = not analyzed or not provided
* = unidentified hydrocarbons <C10
** = dissolved oxygen measurement taken after purging well

(a) The analytical results of the groundwater sample for well MW-1 were inconsistent with the previous analytical results for this well. Sequoia Analytical Laboratory re-analyzed the sample past hold time; therefore, the results may be biased low.

(b) Monitoring well MW-1 was resampled on November 20, 1995. The vial containing the water sample collected from this well on November 2, 1995 was inadvertently broken by the laboratory. Dissolved oxygen reading was taken on November 2, 1995.

Groundwater Levels and Chemical Analysis

Former Mobil Station 04-FGN

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-G (ppb)	TPH-D (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Total Xylenes (ppb)	MTBE 8020 (ppb)	MTBE 8240 or 8260 (ppb)	TOG (ppb)	TRPO (ppm)	EDC (ppb)	EDB (ppb)	Dissolved Oxygen (mg/L)

(c) Sequoia Analytical Laboratory reported that the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.

(d) Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be gasoline.

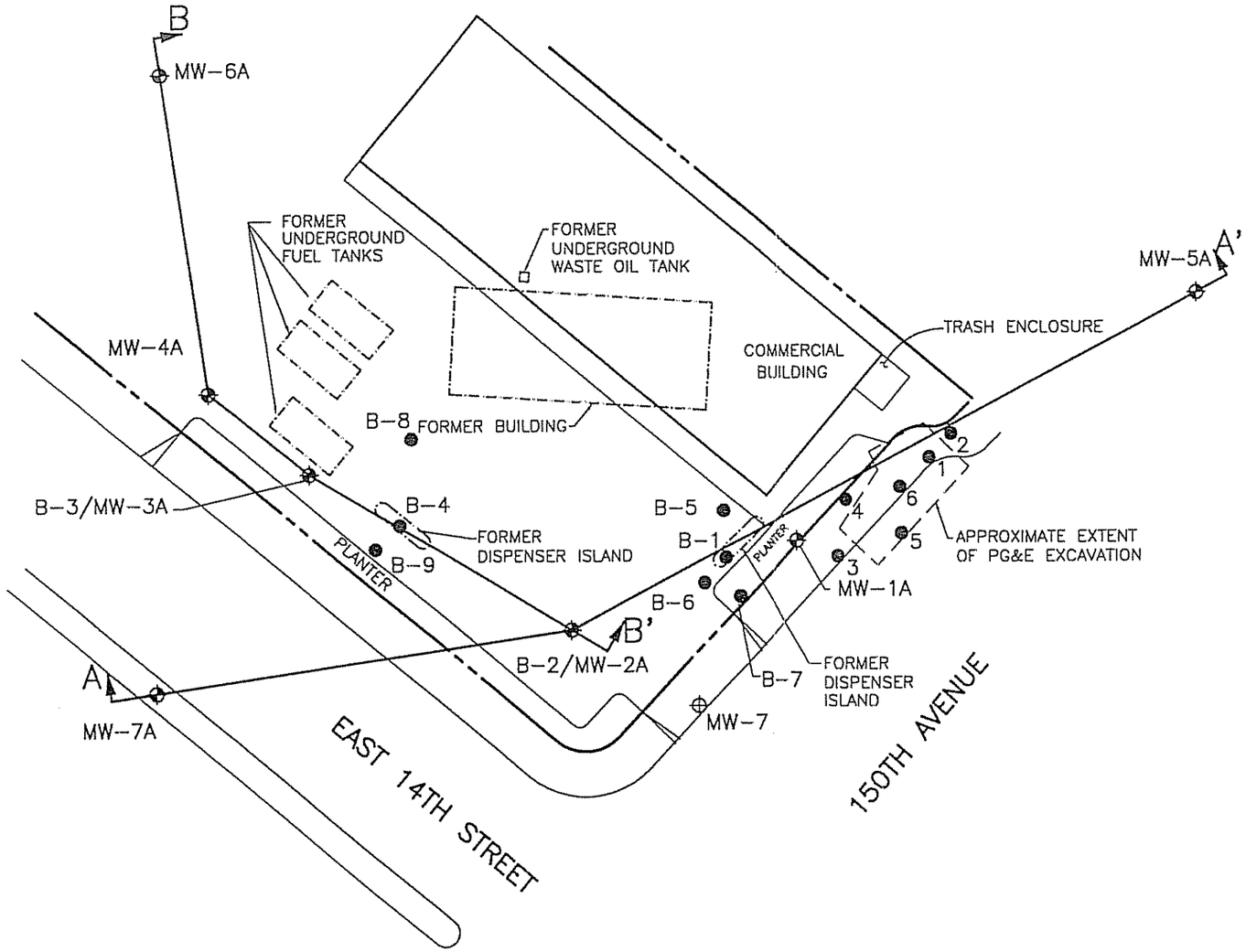
(e) Well was inaccessible.

(f) All EPA 8010 constituents were non-detectable.

(g) Monitoring wells MW-8 and MW-11 were resampled on February 14, 1996. The vials containing the water samples collected from the wells on February 8, 1996 were inadvertently broken by the laboratory. Dissolved oxygen reading was taken on February 8, 1996.

(h) Well located on Shadrall property.

ATTACHMENT A



N

0 30 60

SCALE IN FEET

LEGEND

- GROUNDWATER MONITORING WELL
- UNOCAL GROUNDWATER MONITORING WELL
- SOIL BORING LOCATION
- A–A' LINE OF HYDROGEOLOGIC CROSS SECTION

FIGURE 2

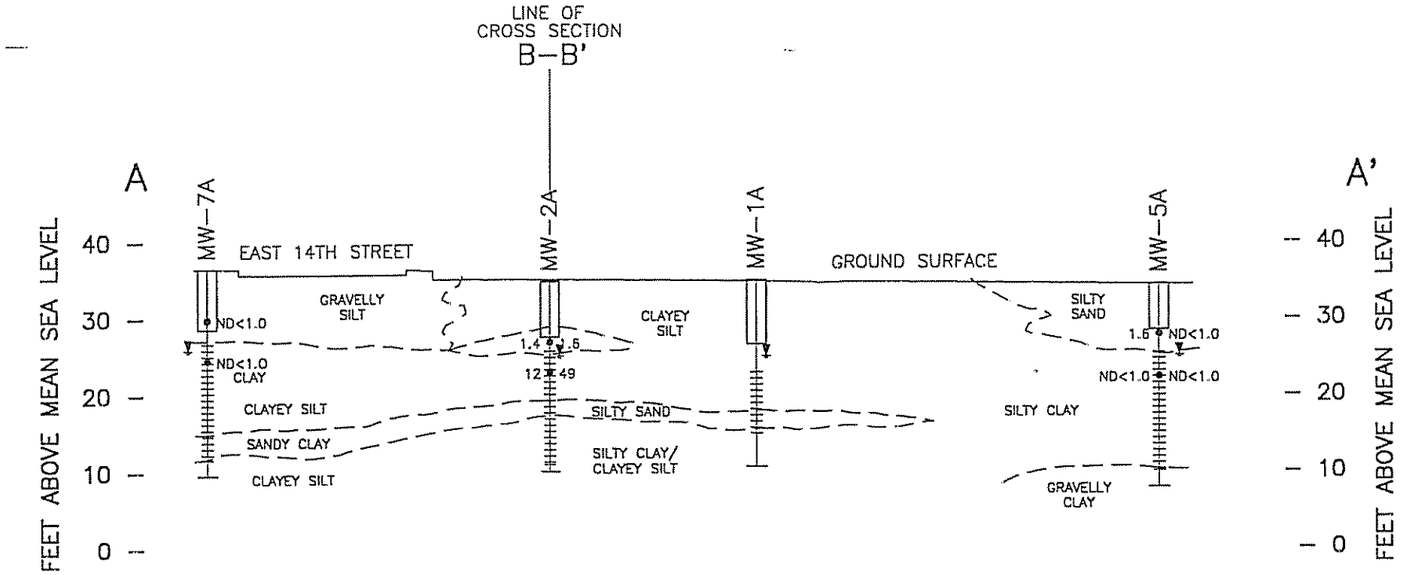
SITE PLAN

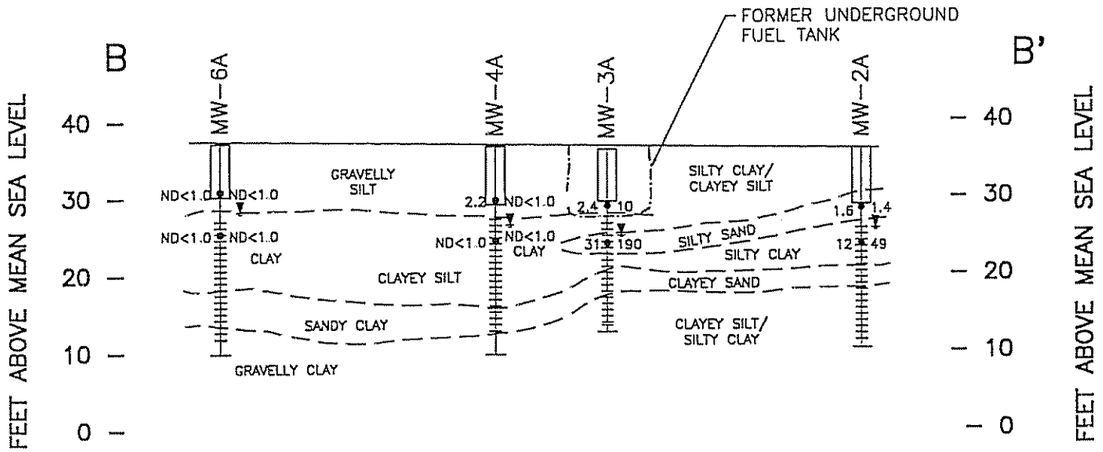
FORMER MOBIL OIL CORPORATION
STATION 04–FGN
14994 EAST 14TH STREET
SAN LEANDRO, CALIFORNIA

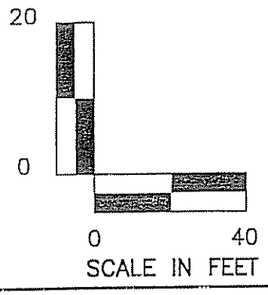
PROJECT NO. 10–190

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

10190D2-.DWG 9-12-95 MAP 1=30







LEGEND

- GROUNDWATER MONITORING WELL SHOWING SEAL AND SCREENED INTERVAL
- GEOLOGIC CONTACT (APPROXIMATE)
- • 49 SOIL SAMPLE AND TOTAL PETROLEUM HYDROCARBONS AS GASOLINE CONCENTRATION IN MILLIGRAMS PER KILOGRAM
- 12 • SOIL SAMPLE AND TOTAL PETROLEUM HYDROCARBONS AS DIESEL CONCENTRATION IN MILLIGRAMS PER KILOGRAM
- ND NOT DETECTED ABOVE REPORTED DETECTION LIMIT
- ▼ GROUNDWATER ELEVATION AS MEASURED ON AUGUST 2, 1995

FIGURE 4

HYDROGEOLOGIC CROSS SECTIONS A–A' AND B–B'

FORMER MOBIL STATION NO. 04–FGN
14994 E. 14TH STREET
SAN LEANDRO, CALIFORNIA

PROJECT NO. 10–190

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

10190DWA-DWG 10-2-95 JWP 1=1

Attachment B

Well Abandonment Report (TRC 2000)

TRC

FILE COPY

April 12, 2000

Project No. 41-0114

ExxonMobil Remediation Services
Torrance Refinery
3700 West 190th Street
Torrance, California 90509-2929

ATTN: MR. BRAD LADESMA

SITE: FORMER MOBIL STATION 04-FGN
14994 EAST 14TH STREET
SAN LEANDRO, CALIFORNIA

RE: WELL ABANDONMENT REPORT

Dear Mr. Ladesma:

Please find enclosed a copy of our Well Abandonment Report summarizing the well abandonment activities performed at the above-referenced site.

If you have any questions, please call me at (925) 688-2479.

Sincerely,

TRC/ALTON GEOSCIENCE

Shayne R. Pasek
Staff Geologist

Enclosure

5052 Commercial Circle • Concord, California 94520
Telephone 925-688-1200 • Fax 925-688-0388

Customer-Focused Solutions

TRC

FILE COPY

April 12, 2000

Project No. 41-0114

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

ATTN: MR. SCOTT SEERY

SITE: FORMER MOBIL STATION 04-FGN
14994 EAST 14TH STREET
SAN LEANDRO, CALIFORNIA

RE: WELL ABANDONMENT REPORT

Dear Mr. Seery:

On behalf of ExxonMobil Remediation Services, TRC/Alton Geoscience submits this well abandonment report for the destruction of four monitoring wells at the former Mobil Service Station 04-FGN, located at 14994 East 14th Street, San Leandro, California (Figure 1).

Prior to the abandonment activities, a well destruction permit was obtained from the Alameda County Public Works Agency and encroachment permits were obtained from The City of San Leandro and Caltrans. Copies of the permits are provided in Appendix A.

Approximately five business days prior to field activities, Underground Service Alert (USA) was contacted to identify possible underground utilities in the vicinity of the monitoring wells.

On March 3, 2000, TRC/Alton Geoscience and V & W Drilling, Inc. abandoned monitoring wells MW-4A through MW-7A by pressure grouting methods, using a pressure of 32 pounds per square inch (PSI) (Figure 2). MW-4A, MW-6A, and MW-7A were backfilled to two feet below grade with neat cement and completed to surface grade with concrete. MW-5A was backfilled to 18-inches below grade with neat cement and completed with asphalt to road surface. Former well construction details are included in Appendix B. Well destruction details are provided in Appendix C.

Well completion reports were submitted to the State of California and copies are provided in Appendix D.

5052 Commercial Circle • Concord, California 94520
Telephone 925-688-1200 • Fax 925-688-0388

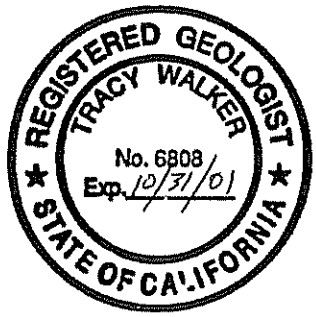
Should you have any questions regarding this report, please call me at (925) 688-2479.

Sincerely,

TRC/ALTON GEOSCIENCE

Shayne R. Pasek
Staff Geologist

Tracy L. Walker, RG
Associate, Northern California Operations

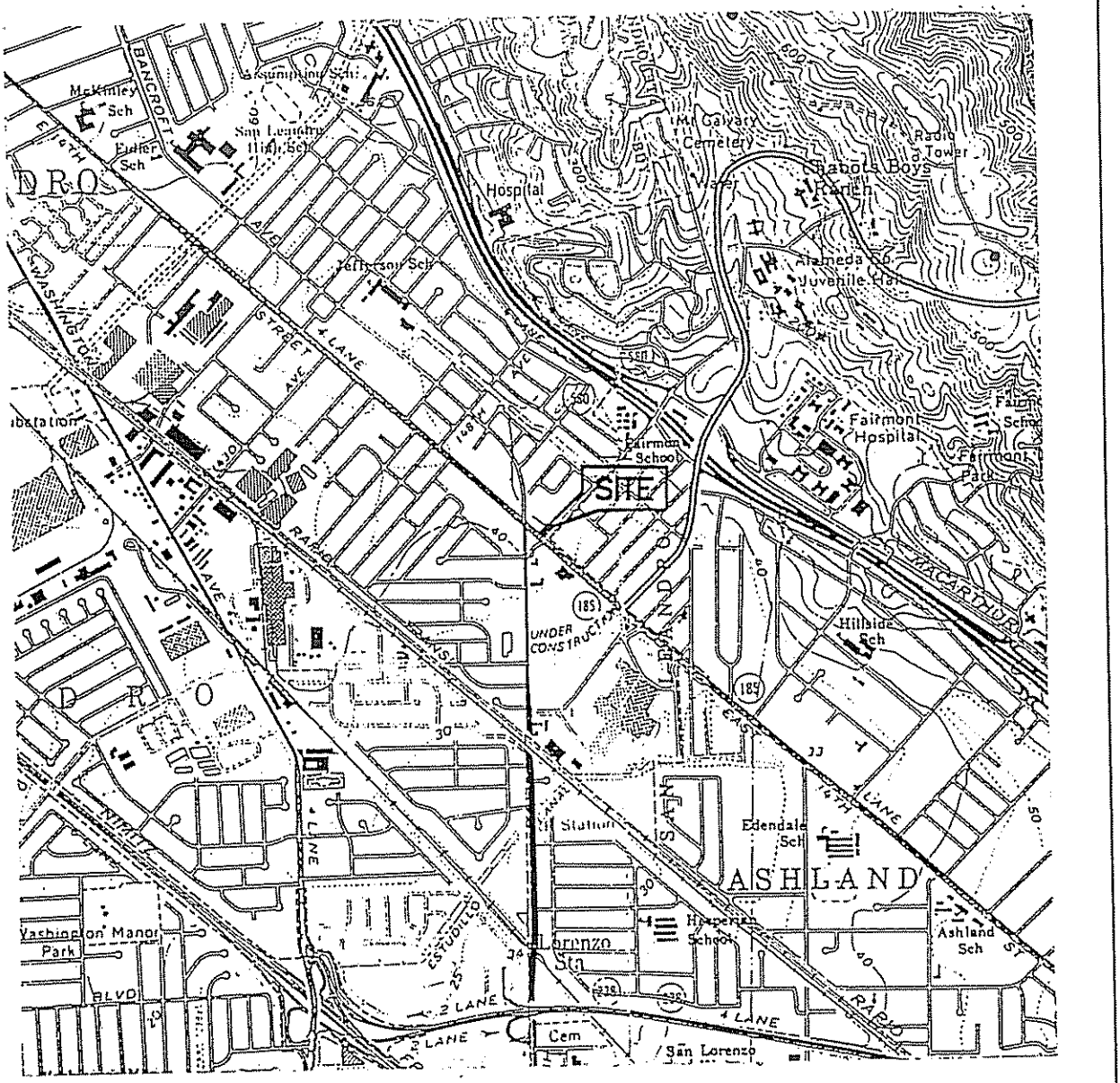


Attachments:

- Figure 1: Vicinity Map
- Figure 2: Site Plan
- Appendix A: Permits
- Appendix B: Former Well Construction Details
- Appendix C: Well Abandonment Details
- Appendix D: Well Completion Reports

cc: Mr. Brad Ladesma, ExxonMobil Remediation Services

FIGURES



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Hayward and San Leandro Quadrangles

VICINITY MAP

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California

FIGURE 1

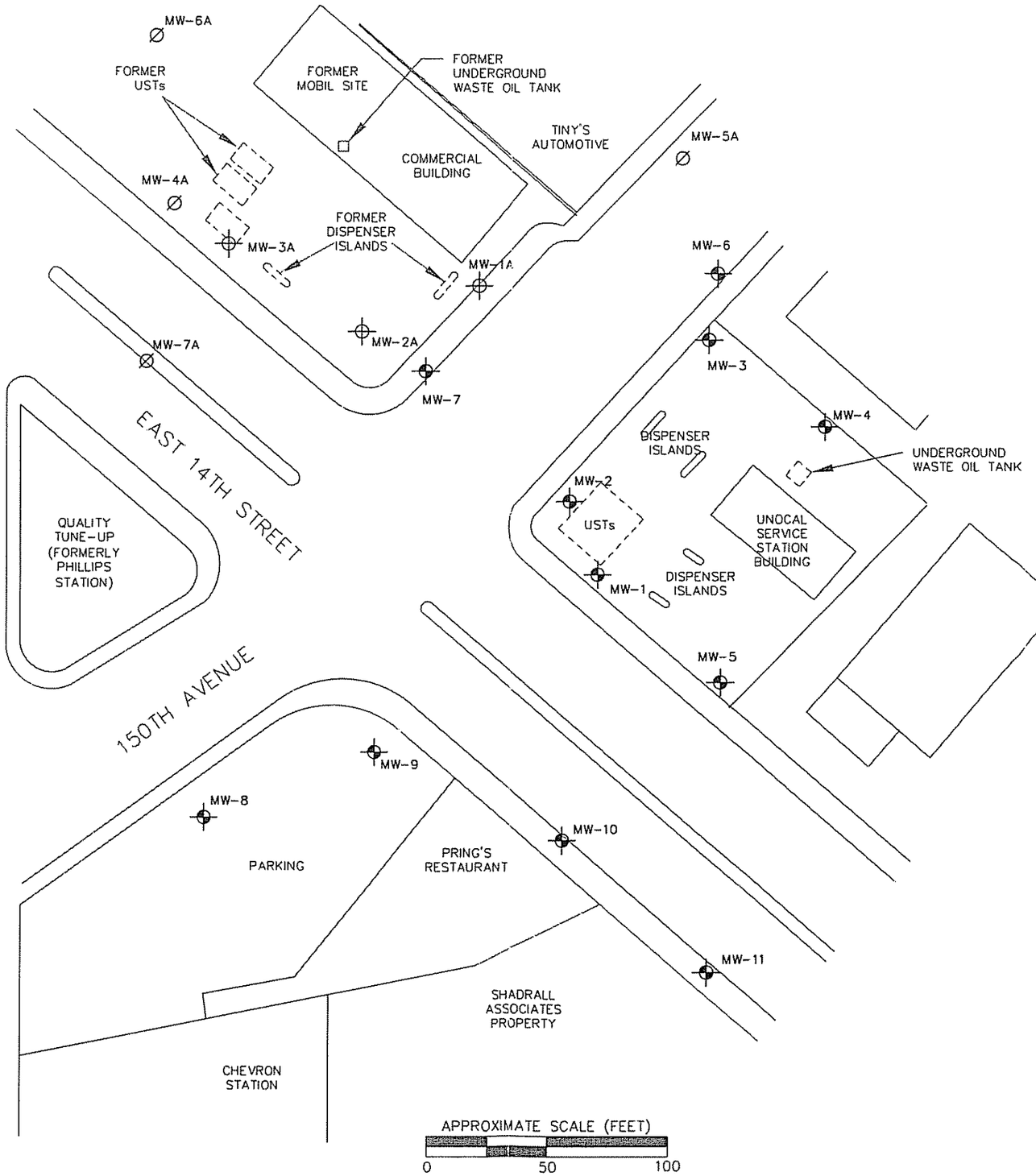
ALTON GEOSCIENCE
Northern California

LEGEND

MW-3A — Mobil monitoring well

MW-6 — Unocal monitoring well

MW-6A — Abandoned monitoring well



ALTON GEOSCIENCE
Northern California

SITE PLAN

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California

FIGURE 2

APPENDIX A

PERMITS

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651
PHONE (510) 670-5248 MARLON MAGALLANES/CINDY HUTCHINSON
FAX ~~(510) 670-5260~~ 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT
Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, CA

CLIENT
Name ExxonMobil Remediation Services
Address 2003 Main Street Phone 925-625-1173
City Oakley Zip 94561

APPLICANT
Name Shayne Pasek with TRC/Alton Geoscience
Fax 925-688-0388
Address 5052 Commercial Circle Phone 925-688-1200
City Concord Zip 94520

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☐
Monitoring	☐	Well Destruction	☒

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☐
Cable	☐	Other	☐		

DRILLER'S LICENSE NO. C57-720904

WELL PROJECTS
Drill Hole Diameter ____ in. Maximum
Casing Diameter 4 in. Depth 25 ft
Surface Seal Depth ____ ft. Number 4

GEOTECHNICAL PROJECTS
Number of Borings ____ Maximum
Hole Diameter ____ in. Depth ____ ft

ESTIMATED STARTING DATE 2-14-00
ESTIMATED COMPLETION DATE 2-14-00

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68

APPLICANT'S SIGNATURE Shayne P. Pasek DATE 1-12-00

FOR OFFICE USE

PERMIT NUMBER W00-022
WELL NUMBER
APN

PERMIT CONDITIONS
Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
(2.) Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
(3.) Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC
Fill hole above anode zone with concrete placed by tremie

(F.) WELL DESTRUCTION
→ See attached.

G. SPECIAL CONDITIONS

APPROVED Shankar Gadi DATE 01-13-00

Service No. ______________

City of San Leandro
Application to Perform Work in the Public Right-of-Way

00038
Permit Number

Jan 31, 2000
Date Approved

Work Site: Former Mobil Station 04-FUN, 14994 E. 14th Street, San Leandro

Applicant: Name Shayne Pack at TRC Address 5055 Commercial Circle Concord 94520 Tel (925) 688 2479

Owner: Name ExxonMobil Remediation Services Address 2063 Main St Oakley 94561 Tel (925) 625-1173

Purpose of Permit:

☐ Utility ☐ Street Excavation ☐ Curb, Gutter Sidewalk, Driveway ☒ Other Well Destruction

Detailed Description and Dimensions of Work:

Destruction of Monitoring wells. Wells will be grouted to surface and the well boxes will be removed. Two wells will be destroyed. MW-7A is located on East 14th Street and MW-5A on 150th Avenue. Attached site plan shows locations of wells

Plan Submitted: Yes ______ No ✓ Profile Submitted Yes ______ No ✓

Date Work to be Started: 2-14-00 Date Work to be Completed by: 2-14-00

Building Permit No. ______ State Encroachment Permit No. 0495-6SV0631

Oro Loma Permit No. ______ Alameda County Flood Control Permit No. ______

Compliance with State Labor Code: In accordance with Section 3800

☑ Applicant has on file, with the City of San Leandro, evidence that workman's compensation insurance is carried.

☐ Applicant will not employ anyone so as to become subject to the workman's compensation laws of California.

Statement of State Contractor's License: In accordance with Section 7031.5 of the State Business and Professions Code.

☑ Applicant has State License No. 657-720904, Class ______ in full force and effect.

☐ Applicant is exempt from the State Contractor's License Law for the following reason(s):

____

By the application and acceptance of this permit, the undersigned intending to be legally bound does hereby agree that all work performed will be in accordance with all applicable provisions of this permit and all regulations, provisions, and specifications as adopted by the City. Further, the undersigned agrees that this permit is to serve as a guaranty for payment of all permit and/or inspection charges as billed by the City. Any misrepresentation of information requested from the applicant on this form shall make this permit null and void.

ENGINEERING
JAN 28 2000

Signature: [signature] Date: 1-27-00

PLEASE CALL 577-3308 FOR INSPECTIONS

TRANSPORTATION

SPECIAL PROVISIONS

Backfill Required — Per City of San Leandro's Std. Details

Pavement Section Required — and Specifications.

Minimum Depth of Cover ______

Police & Fire Dept. to be notified 24 hours prior to start: YES ✓ NO ____

* Traffic control plan shall be per Caltrans Std. Working hours shall be from 9:00-3:00. No street closure allowed.

SEE REVERSE SIDE FOR GENERAL PROVISIONS APPLICABLE TO ALL PERMIT WORK

PERMIT IS VALID WHEN SIGNED

Any omission on the part of the City to specify on this permit any rule, regulation, provision, or specification shall not excuse the permittee from complying with all requirements of law and appropriate ordinances and all applicable regulations, provisions, and specifications adopted by the City.

ISSUE FOR CITY ENGINEER

[signature]

INSPECTION RECORD

Date	Comments	Insp.	Hrs. Charged

NOTE: 1 hr. Minimum charge per inspection stop

Hours forwarded from reverse side: ______

TOTAL HOURS CHARGED: ______

FEES

PERMIT FEE: 125.00 To Acct #3306

RESTORE/ INSPECT DEPOSIT: ENGINEERING To CN # ____

STREET CUT FEE: ______ TO ACCT #3304

TOTAL: JAN 31 2000

☐ All charges collected at permit insurance

☐ All TRANSPORTATION

CN # ______

REV. Date 3/98

— CUSTOMER —

STATE OF CALIFORNIA ▸ DEPARTMENT OF TRANSPORTATION

ENCROACHMENT PERMIT RIDER

TR-0122

Collected by	Permit No (Original)
	0495-6SV-0631
Rider Fee Paid	Dist/Co/Rte/PM
$70.00	04-Ala-185-3.74
Date	Rider Number
February 28, 2000	0400-6RW-0537

TO: EXXONMOBIL REMEDIATION SERVICES
C/O TRC/Alton Geoscience
5052 Commercial Circle
Concord, CA 94520
Attn: Shayne R. Pasek
Phone: (925) 688-2479

, PERMITTEE

In compliance with your request of February 14, 2000, we are hereby amending the above numbered encroachment permit as follows:

Date of completion extended to: June 30, 2001

Reference your project to: drill one soil boring and install one monitoring well on State Highway 04-Ala-185, Post Mile 3.74 at 14901 E. 14th Street in San Leandro.

Change owners' name to : EXXONMOBIL REMEDIATION SERVICES

Change address to : C/O TRC/Alton Geoscience
5052 Commercial Circle
Concord, CA 94520

Except as amended, all other terms and provisions of the original permit shall remain in effect.

APPROVED:

~~HARRY V. YAHATA~~, District Director

BY:

G. J. BATTAGLINI, District Permit Engineer

Post-It™ brand fax transmittal memo 7671 | # of pages ▸ 1

To	From
Co.	Co.
Dept.	Phone #
Fax #	Fax #

TOTAL P.01

APPENDIX B

FORMER WELL CONSTRUCTION DETAILS

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

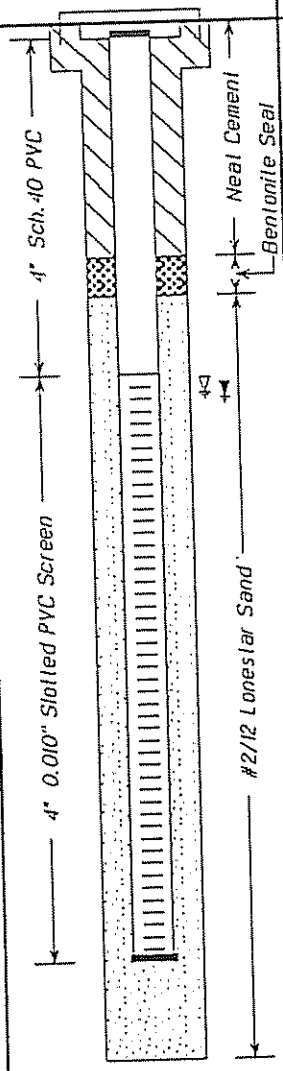
LOG OF BORING MW-4A

SEE SITE PLAN

ALISTO PROJECT NO: 10-190-02 DATE DRILLED: 06/01/95
CLIENT: Mobil Oil Corportaion
LOCATION: 14994 E. 14th Street, San Leandro, California
DRILLING METHOD: Hollow-Stem Auger (11")
DRILLING COMPANY: Mitchell Drilling Env.tl CASING ELEVATION: 37.18 'MSL
LOGGED BY: Chris Reinheimer APPROVED BY: Al Sevilla

BLOWS/6 IN.	PID VALUES	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						3" Asphalt; 1.5" Roadbase.
8,8,8	0	5			ML	clayey-gravelly-SILT: dark brown, damp, very stiff; gravel to 1.5 cm approximately 5%; roots to 5%
8,11,11	1.2	10			CL	CLAY: medium gray/green, moist to wet, very stiff; root traces to 5%; rare gravel to 1 cm to approximately 2%.
6,7,9	NM	15			ML	clayey SILT: medium gray/green, moist to wet, very stiff; root traces to 2%; rare gravel to 1.5 cm < 2%.
4,5,5	NM	20			SC	sandy CLAY: medium gray/green, wet, stiff; fine- to medium-grained sand; well graded; wood fragments to 1.5 cm approximately 5%.
8,11,12	NM	25			ML	gravelly-silty-CLAY: medium orange brown, wet, very stiff; gravel to 1 cm approximately 10%; wood fragments to 1 cm approximately 5%.
		30				Stabilized water level measured on August 2, 1995.

WELL DIAGRAM



ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

LOG OF BORING MW-5A

SEE SITE PLAN

ALISTO PROJECT NO: 10-190-02 DATE DRILLED: 06/01/95
CLIENT: Mobil Oil Corportaion
LOCATION: 14994 E. 14th Street, San Leandro, California
DRILLING METHOD: Hollow-Stem Auger (11")
DRILLING COMPANY: Mitchell Drilling Env.tl CASING ELEVATION: 35.91 MSL
LOGGED BY: Chris Reinheimer APPROVED BY: Al Sevilla

BLOWS/6 IN.	PID VALUES	WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
7,10,13	0	2" Sch.40 PVC; Neat Cement; Bentonite Seal	5			SM	clayey-silty-SAND: medium orange/brown, damp, medium dense; fine- to medium-grained sand; organics to 2%; rare gravel to 1 cm < 2%.
7,7,7	0	2" 0.010" Slotted PVC Screen; #2/12 Lonestar Sand	10			CL	silty CLAY: mottled medium brown and light red/brown, moist, stiff; caliche on root traces to 2%.
4,7,9	0		15				Same: mottled gray/brown and light red/brown, moist to wet, very stiff.
12,12,18	0		20				Same: dark brown, damp, hard; organics (rootlets and blebs); rare gravel to 1 cm < 2%.
8,18,20	0		25			GC	gravelly CLAY: mottled dark brown and red/brown, damp, hard; gravel to 1 cm approximately 3%; wood fragments and roots to 2%.
			30				Stabilized water level measured on August 2, 1995.

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

LOG OF BORING MW-6A

SEE SITE PLAN

ALISTO PROJECT NO: 10-190-02 DATE DRILLED: 06/02/95

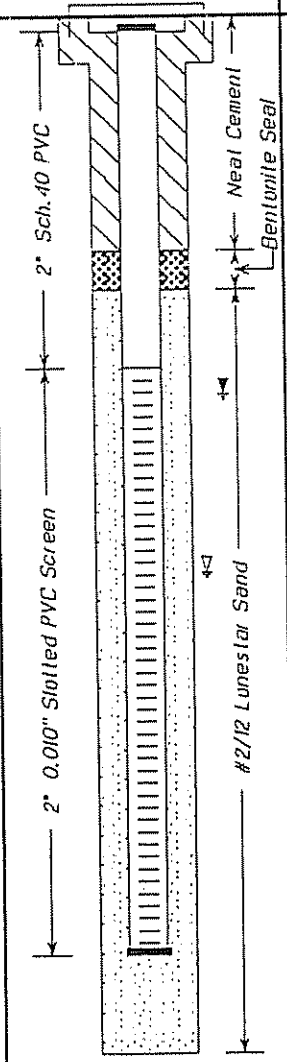
CLIENT: Mobil Oil Corportaion

LOCATION: 14994 E. 14th Street, San Leandro, California

DRILLING METHOD: Hollow-Stem Auger (11")

DRILLING COMPANY: Mitchell Drilling Env.tl CASING ELEVATION: 37.10 'MSL

LOGGED BY: Chris Reinheimer APPROVED BY: Al Sevilla



BLOWS/6 IN.	PID VALUES	DEPTH feet	SOIL CLASS	GEOLOGIC DESCRIPTION
4,8,8	0	5	ML	clayey-gravelly-SILT: medium red/brown, damp, stiff; roots from 2-5%; gravel to 1.5 cm approximately 5%.
4,8,12	0	10	CL	CLAY: medium tan, moist, very stiff; root traces to 5%; organics to 2%; rare gravel to 1 cm approximately 2%.
8,11,11	NM	15	ML	clayey SILT: medium brown mottled light gray, moist to wet, very stiff; root traces to 2%.
4,7,8	NM	20	SC	sandy CLAY: medium orange/brown, wet, stiff; fine- to medium-grained sand; well graded; wood fragments and organics to 2%.
8,18,12	NM	25	GC	gravelly CLAY: medium orange/brown, damp, very stiff; gravel to 1 cm approximately 10-15%.
		30		Stabilized water level measured on August 2, 1995.

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

LOG OF BORING MW-7A

SEE SITE PLAN

ALISTO PROJECT NO: 10-190-01 DATE DRILLED: 07/28/95

CLIENT: Mobil Oil Corportaion

LOCATION: 14994 E. 14th Street, San Leandro, California

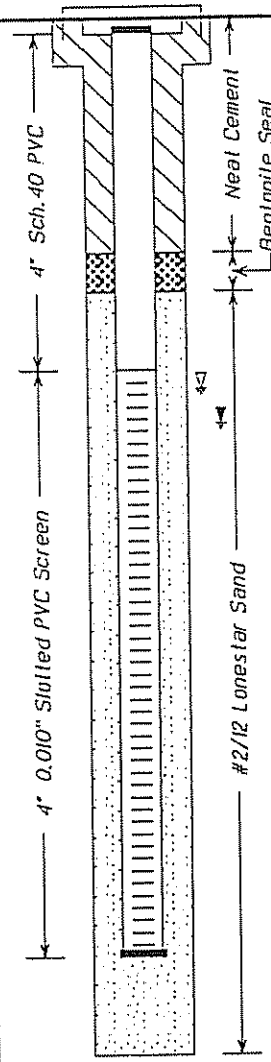
DRILLING METHOD: Hollow-Stem Auger (11")

DRILLING COMPANY: Mitchell Drilling Env.tl CASING ELEVATION: 37.39 MSL

LOGGED BY: Chris Reinheimer APPROVED BY: Al Sevilla

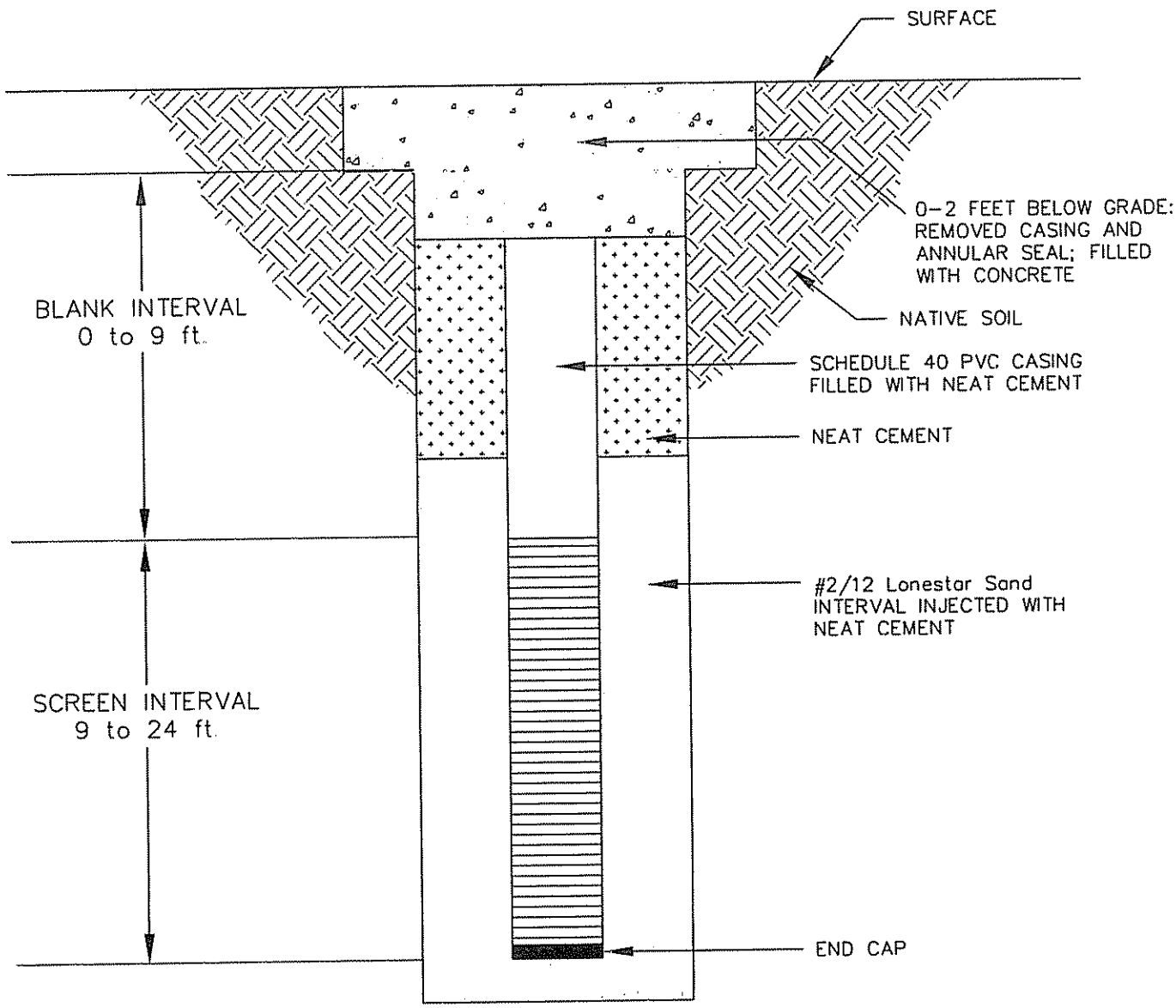
BLOWS/6 IN.	PID VALUES	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						3" Asphalt; 1.5' Roadbase.
7,9,10	0	5			ML	clayey-gravelly-SILT: dark brown, damp, very stiff; gravel to 1.5 cm approximately 5%; roots to 5%.
9,13,12	0	10			CL	CLAY: medium gray/green, moist to wet, very stiff; root traces to 5%; rare gravel to 1 cm to approximately 2%.
7,8,11	NM	15			ML	clayey SILT: medium gray/green, moist to wet, very stiff; root traces to 2%; rare gravel to 1.5 cm < 2%.
8,8,8	NM	20			SC	sandy CLAY: medium gray/green, wet, stiff; fine- to medium-grained sand; well graded; wood fragments to 1.5 cm approximately 5%.
		25			ML	gravelly-silty-CLAY: medium orange brown, wet, very stiff; gravel to 1 cm approximately 10%; wood fragments to 1 cm approximately 5%.
7,12,12	NM	30				Stabilized water level measured on August 2, 1995.

WELL DIAGRAM



APPENDIX C

WELL ABANDONMENT DETAILS



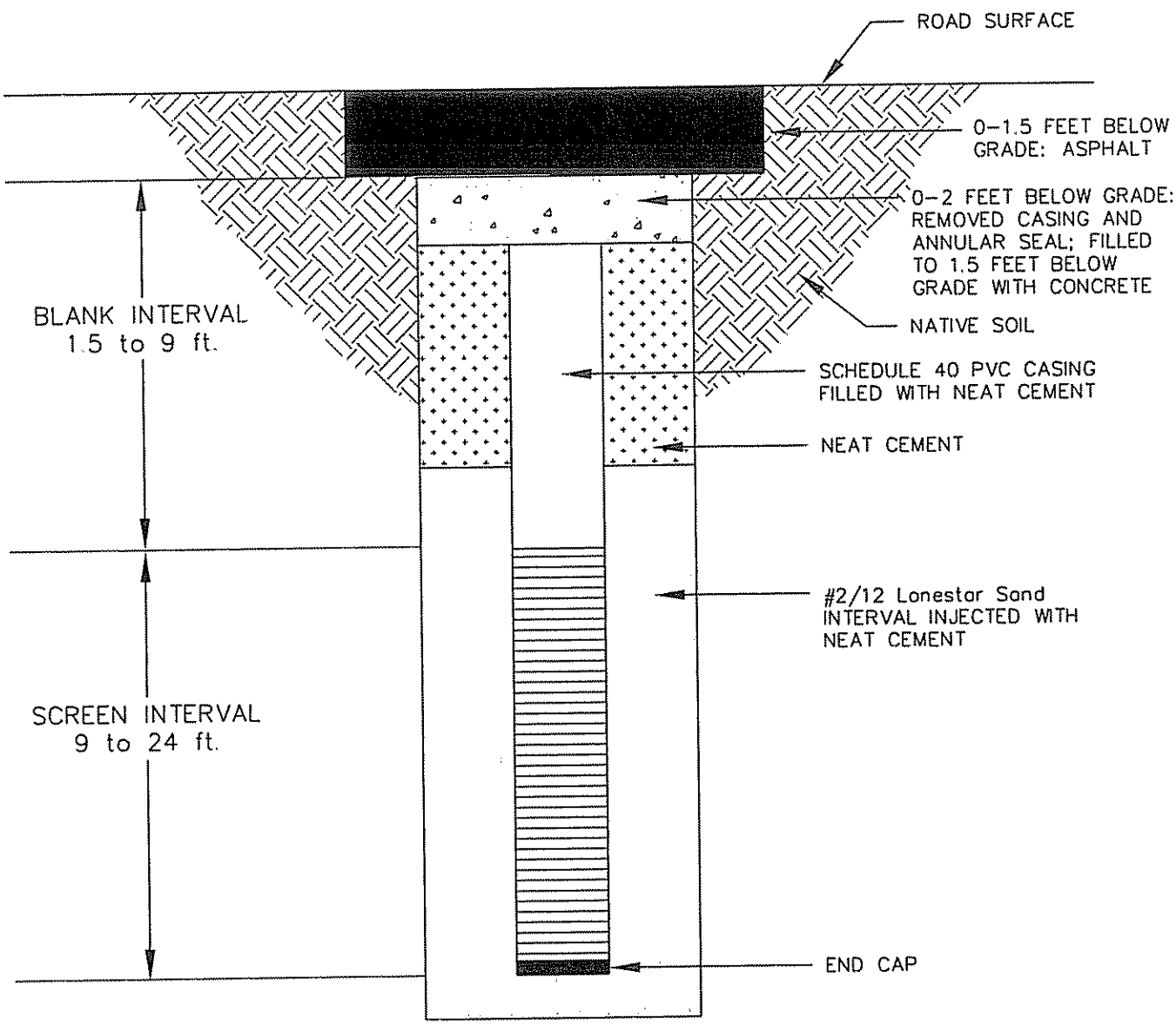
WELL ID:	MW-4A
BORING DIAMETER:	11 in.
BORING DEPTH:	25 ft.
CASING DIAMETER:	4 in.
DATE ABANDONED:	03/9/00

ALTON GEOSCIENCE
Northern California

SCALE: NOT TO SCALE

WELL ABANDONMENT DETAIL
MW-4A

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California



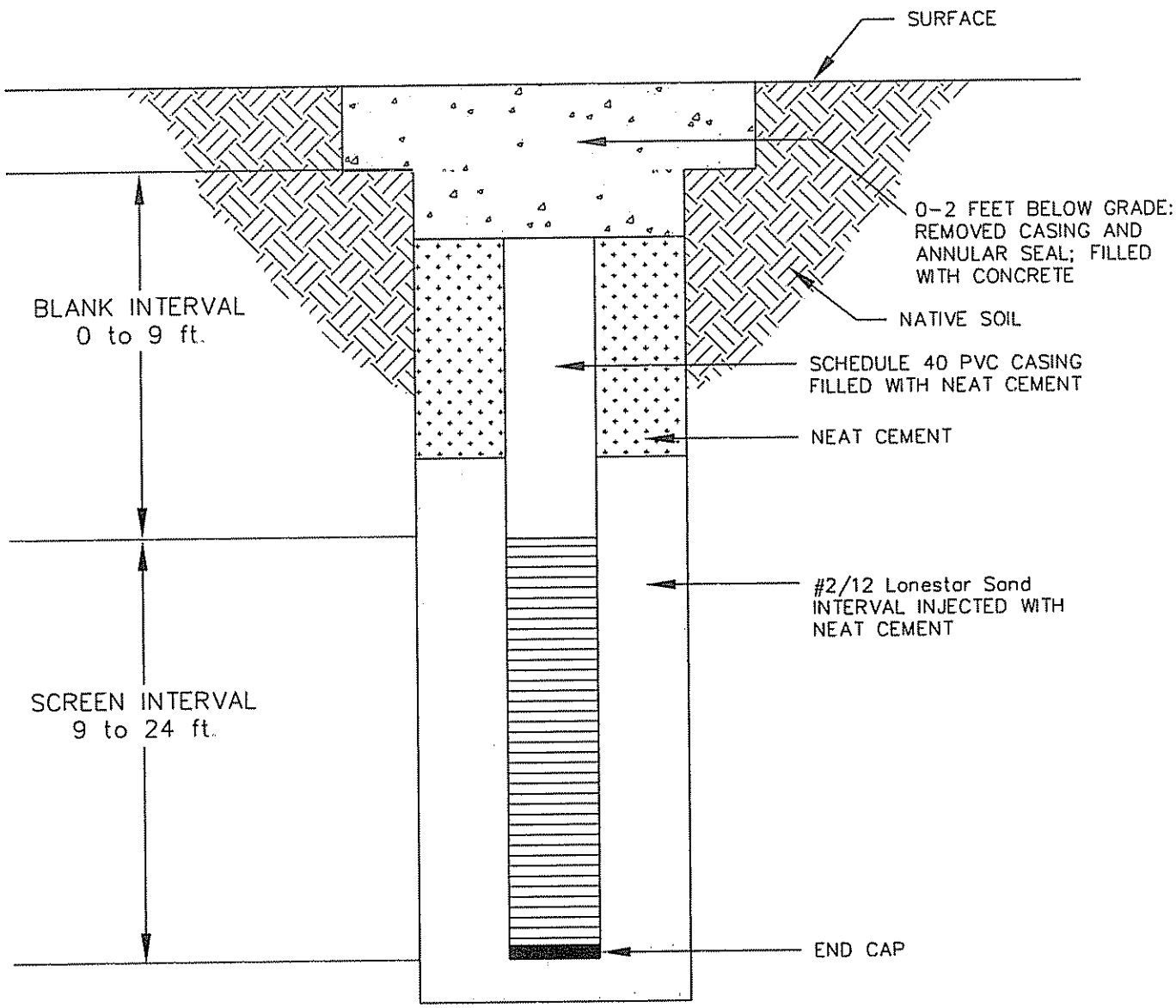
WELL ID:	MW-5A
BORING DIAMETER:	11 in
BORING DEPTH:	25 ft
CASING DIAMETER:	2 in
DATE ABANDONED:	03/9/00

ALTON GEOSCIENCE
Northern California

SCALE: NOT TO SCALE

WELL ABANDONMENT DETAIL
MW-5A

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California



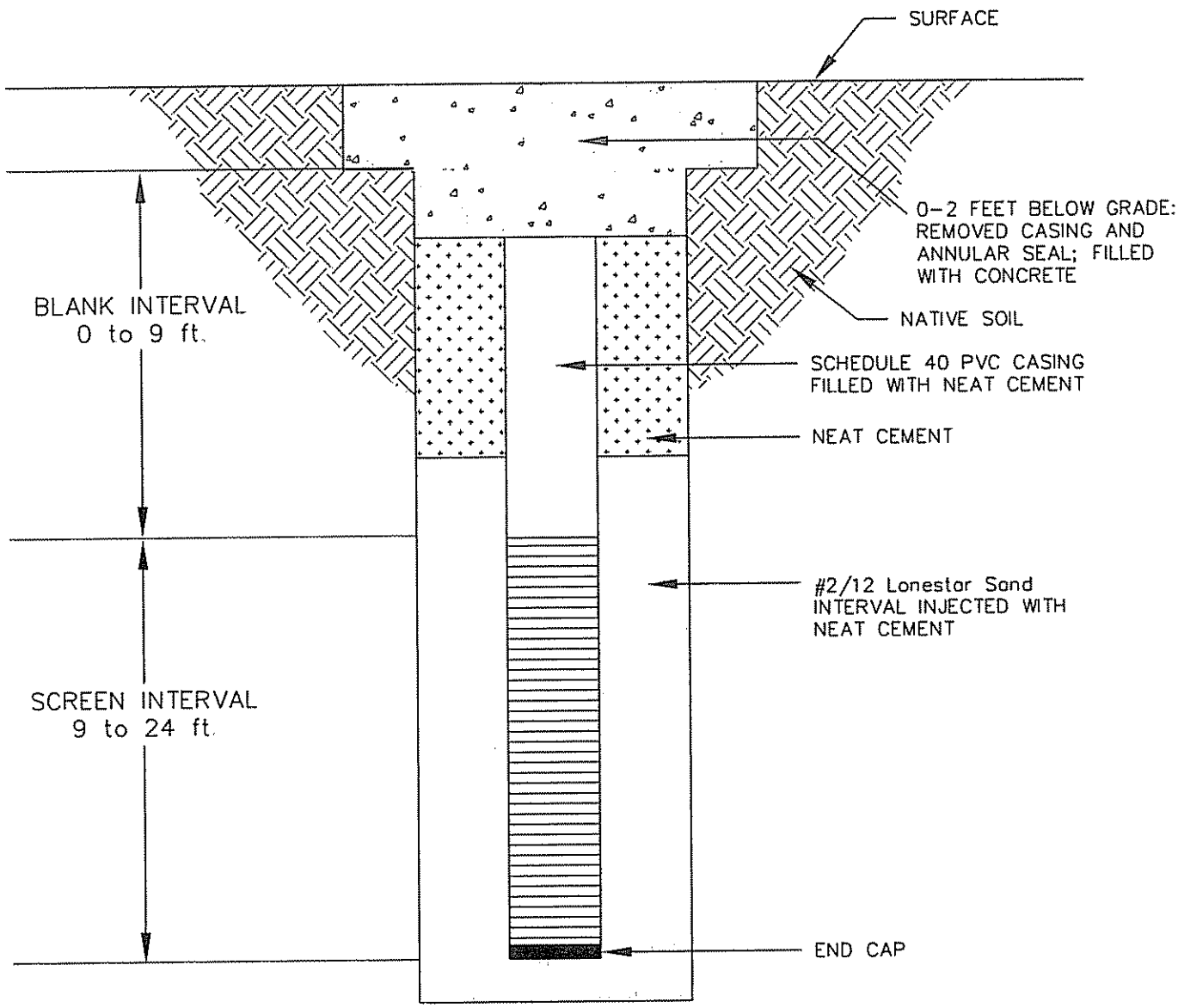
WELL ID:	MW-6A
BORING DIAMETER:	11 in
BORING DEPTH:	25 ft
CASING DIAMETER:	2 in.
DATE ABANDONED:	03/9/00

ALTON GEOSCIENCE
Northern California

SCALE: NOT TO SCALE

WELL ABANDONMENT DETAIL
MW-6A

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California



WELL ID:	MW–7A
BORING DIAMETER:	11 in.
BORING DEPTH:	25 ft.
CASING DIAMETER:	4 in.
DATE ABANDONED:	03/9/00

ALTON GEOSCIENCE
Northern California

SCALE: NOT TO SCALE

WELL ABANDONMENT DETAIL
MW-7A

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California

APPENDIX D

WELL COMPLETION REPORTS

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

Attachment C

Semi-Annual Groundwater Monitoring Report (ETIC 2004)

Semi-annual Groundwater Monitoring Report
Third Quarter 2004

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, California

Prepared for

ExxonMobil Refining and Supply Company
25A Crescent Drive #407
Pleasant Hill, California 94523

Prepared by

ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, California 94523
(925) 602-4710

Bryan Campbell
Project Manager

September 1, 2004
Date

Heidi Dieffenbach-Carle, R.G. #6793
Senior Geologist

REGISTERED GEOLOGIST
HEIDI L DIEFFENBACH-CARLE
No. 6793
03/31/06
STATE OF CALIFORNIA

September 1, 2004
Date

September 2004

ExxonMobil
Refining & Supply Company
Global Remediation
25A Crescent Drive #407
Pleasant Hill, CA 94523
(925) 246-8747 Telephone
(925) 246-7822 Facsimile
gene.n.ortega@exxonmobil.com

Gene N. Ortega
Project Manager
Global Remediation - U.S. Retail

ExxonMobil
Refining & Supply

August 31, 2004

Mr. Amir Gholami
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94501

Subject: Former Mobil Station 04-FGN, 14994 East 14th Street, San Leandro, California

Dear Mr. Gholami:

Attached for your review and comment is a copy of the *Semi-annual Groundwater Monitoring Report, Third Quarter 2004* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results of the July 2004 sampling event.

A Formal Case Closure Request, dated November 23, 1998, was previously submitted by Alton Geoscience to your agency for the site. The report recommended that the site be granted case closure with no further action. A review of the case file at your agency was conducted by ETIC Engineering, Inc., on August 5, 2004, and no response by your agency to that report was found. We request that your agency please review that report. Almost six years of groundwater monitoring has been conducted since the report was issued and hydrocarbon concentrations appear to show a stable or decreasing trend. I would like to discuss case closure of this site with you.

If you have any questions or comments, please contact me at (925) 246-8747.

Sincerely,

Gene N. Ortega
Project Manager

Attachment: ETIC Semi-annual Groundwater Monitoring Report dated September 2004

c: w/ attachment:
Ms. Jana Gluckman (property owner)

c: w/o attachment:
Ms. Christa Marting - ETIC Engineering, Inc.

SITE CONTACTS

Station Number:	Former Mobil Station 04-FGN
Station Address:	14994 East 14th Street San Leandro, California
ExxonMobil Project Manager:	Gene N. Ortega ExxonMobil Refining and Supply Company 25A Crescent Drive #407 Pleasant Hill, California 94523 (925) 246-8747
Consultant to ExxonMobil:	ETIC Engineering, Inc. 2285 Morello Avenue Pleasant Hill, California 94523 (925) 602-4710
ETIC Project Manager:	Bryan Campbell
Regulatory Oversight:	Amir Gholami Alameda County Health Care Services Agency 1131 Harbor Bay Parkway Alameda, California 94501 (510) 567-6783

INTRODUCTION

At the request of ExxonMobil Refining and Supply Company, ETIC Engineering, Inc. has prepared this semi-annual groundwater monitoring report for former Mobil Station 04-FGN. This report presents the results for the most recent groundwater monitoring conducted at the site and summarizes recent site activities This report covers site activities from 15 January 2004, the date of the last monitoring event, until 7 July 2004, the date of the recent monitoring event. Groundwater monitoring results, well construction details, and a groundwater monitoring plan are provided in the attached figures and tables. Groundwater monitoring protocols, field data, and analytical results are provided in the attached appendixes.

GENERAL SITE INFORMATION

Site name:	Former Mobil Station 04-FGN
Site address:	14994 East 14th Street, San Leandro, California
Current property owner:	Jana Gluckman
Current site use:	Retail shopping center
Current phase of project:	Groundwater monitoring
Tanks at site:	None
Number of wells:	3 (all onsite)

GROUNDWATER MONITORING SUMMARY

Gauging and sampling date:	7 July 2004
Wells gauged and sampled:	MW1A-MW3A
Wells gauged only:	None
Groundwater flow direction:	South-southwest
Groundwater gradient:	0.007
Well screens submerged:	None
Well screens not submerged:	MW1A-MW3A
Liquid-phase hydrocarbons:	Not observed or detected
Laboratory:	TestAmerica, Inc., Nashville, Tennessee

Analyses performed:

- Total Petroleum Hydrocarbons as gasoline by EPA Method 8015B
- Benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8021B
- Methyl t-butyl ether, ethyl t-butyl ether, t-amyl methyl ether, t-butyl alcohol, diisopropyl ether, 1,2-dichloroethane, and 1,2-dibromoethane by EPA Method 8260B

ADDITIONAL ACTIVITIES PERFORMED AT SITE

No additional activities were performed at the site.

WORK PROPOSED FOR NEXT QUARTER

The site is sampled semi-annually. Groundwater will be monitored in accordance with the attached groundwater monitoring plan in the first quarter of 2005.

Attachments:

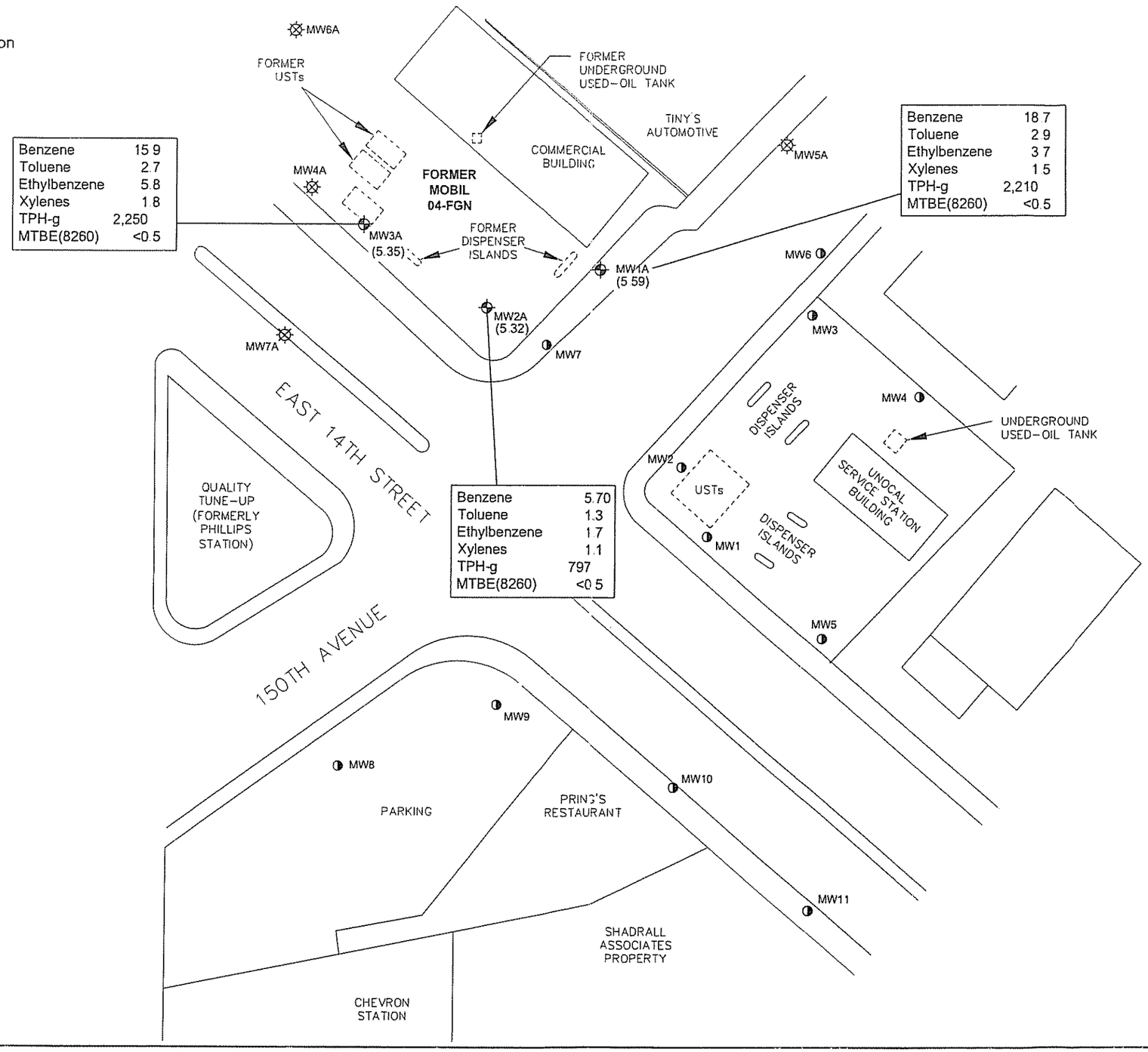
Figure 1: Site Plan Showing Groundwater Elevations and Analytical Results

Table 1: Well Construction Details
Table 2: Groundwater Monitoring Data
Table 3: Groundwater Analytical Results for Oxygenates and Additives
Table 4: Groundwater Monitoring Plan

Appendix A: Field Protocols
Appendix B: Field Documents
Appendix C: Laboratory Analytical Reports

Figures

GW Approximate Groundwater Flow Direction
Gradient = 0.007



Benzene	15 9
Toluene	2.7
Ethylbenzene	5.8
Xylenes	1 8
TPH-g	2,250
MTBE(8260)	<0.5

Benzene	18 7
Toluene	2 9
Ethylbenzene	3 7
Xylenes	1 5
TPH-g	2,210
MTBE(8260)	<0.5

Benzene	5.70
Toluene	1.3
Ethylbenzene	1 7
Xylenes	1.1
TPH-g	797
MTBE(8260)	<0 5

LEGEND:

MW2 ⊕	Mobil groundwater monitoring well
MW1 ⊗	Destroyed monitoring well location
MW1 ◑	Unocal groundwater monitoring well
(5 59)	Groundwater elevation (feet)
TPH-g	Total Petroleum Hydrocarbons as gasoline
MTBE	Methyl t-butyl ether

NOTE:
Concentrations in micrograms per liter (ug/L)

ETIC ENGINEERING

SITE PLAN SHOWING GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS
FORMER MOBIL STATION 04-FGN
14994 EAST 14th STREET, SAN LEANDRO, CALIFORNIA
7 JULY 2004

FIGURE: **1**

FILENAME: 1q2004.DWG 07/20/04

Tables

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

Well Number		Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
MW1A	a	03/31/88	16.34	PVC	24	19	8	2	9 - 19	0.020	8 - 19 19 - 24 [c]	#3 Sand
MW2A	a	02/10/94	16.12	PVC	24	24	8	2	8.5 - 24	0.010	7 - 24	#2/12 Lonestar Sand
MW3A	a	02/10/94	16.42	PVC	23	23	8	2	8 - 23	0.010	6.5 - 23	#2/12 Lonestar Sand
MW4A	b	06/01/95	--	PVC	26.5	24	11	4	9 - 24	0.010	7 - 26.5	#2/12 Lonestar Sand
MW5A	b	06/01/95	--	PVC	26.5	24	11	4	9 - 24	0.010	7 - 26.5	#2/12 Lonestar Sand
MW6A	b	06/02/95	--	PVC	26.5	24	11	4	9 - 24	0.010	7 - 26.5	#2/12 Lonestar Sand
MW7A	b	07/28/95	--	PVC	26.5	24	11	4	9 - 24	0.010	7 - 26.5	#2/12 Lonestar Sand

a Well resurveyed on 27 November 2001.
b Well destroyed.
c Depth of bentonite seal at the base of the boring.

PVC Polyvinyl chloride.
TOC Top of casing.

-- Information not available.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

Well ID	Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentrations (µg/L) TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8020 or 8021)	MTBE (8240 or 8260)
MW1A	03/31/88	36.35	—	—	29,000	ND	ND	ND	550	640	—	—
MW1A	01/31/89	36.35	—	—	11,200	—	260	ND	500	500	—	—
MW1A	02/24/94	36.35	9.42	26.93	11,000	2,500	70	ND	260	180	—	—
MW1A	08/03/94	36.35	12.00	24.35	13,000	7,100	61	50	280	230	—	—
MW1A	11/23/94	36.35	11.18	25.17	12,000	2,500	49	ND	300	190	—	—
MW1A	02/28/95	36.35	9.08	27.27	10,000	3,200	25	ND	110	67	—	—
MW1A	05/10/95	36.35	8.33	28.02	10,000	3,600	31	ND	140	81	—	—
MW1A	08/02/95	36.63	9.49	27.14	10,000	3,800	24	18	130	80	—	—
MW1A	11/02/95	36.63	11.05	25.58	12,000	3,400[1]	ND	ND	190	150	—	—
MW1A	02/08/96	36.63	7.55	29.08	8,000	3,600[1]	100	21	87	58	—	—
MW1A	05/08/96	36.63	7.52	29.11	9,200	—	11	ND	120	64	—	—
MW1A	08/09/96	36.63	9.63	27.00	—	—	—	—	—	—	—	—
MW1A	08/20/96	36.63	—	—	6,800	—	64	22	100	55	130	ND
MW1A	11/07/96	36.63	11.01	25.62	7,900	—	100	12	70	34	95	ND
MW1A	02/10/97	36.63	7.58	29.05	5,800	—	36	15	67	29	58	ND
MW1A	05/07/97	36.63	9.15	27.48	1,400	—	13	ND	11	ND	ND	—
MW1A	09/10/97	36.63	10.88	25.75	7,800	—	64	ND	70	26	120	ND
MW1A	02/12/98	36.63	5.52	31.11	ND	—	ND	ND	ND	ND	ND	—
MW1A	08/12/98	36.63	8.80	27.83	500	—	41	12	1.8	20	ND	—
MW1A	12/10/99	36.63	10.86	25.77	1,700	—	ND	1.4	6.2	3.3	ND	—
MW1A	01/14/00	36.63	11.33.	25.30	4,600	—	ND	30	28	ND	ND	—
MW1A	10/27/00	36.63	10.30	26.33	3,500	—	<10	2.6	13	6.4	18	<5
MW1A	01/18/01	36.63	10.45	26.18	4,500	—	<10	3.9	12	4.7	<20	—
MW1A	07/10/01	36.63	10.72	25.91	2,000	—	<20	18	9.6	18	<20	<2
MW1A	11/27/01	16.34	Well resurveyed to new reference point									
MW1A	01/16/02	16.34	9.02	7.32	2,690	—	11.7	1.60	6.80	6.00	23.9	—
MW1A	07/08/02	16.34	10.43	5.91	1,570	—	12.0	11.0	<5.0	<5.0	24.0	<0.50
MW1A	01/23/03	16.34	8.84	7.50	2,040	—	16.5	3.5	8.70	5.90	—	<0.50
MW1A	07/09/03	16.34	9.97	6.37	1,440	—	8.60	1.0	7.3	5.2	13.6	<0.5
MW1A	01/15/04	16.34	9.39	6.95	1,640	—	0.70	5.2	4.0	2.8	—	<0.5
MW1A	**07/07/04**	**16.34**	**10.75**	**5.59**	**2,210**	—	**18.7**	**2.9**	**3.7**	**1.5**	—	**<0.5**
MW2A	02/24/94	36.61	9.52	27.09	6,400	4,500	31	ND	58	42	—	—
MW2A	08/23/94	36.61	12.05	24.56	7,500	7,100	42	21	71	53	—	—

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

Well ID	Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentrations (µg/L) TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8020 or 8021)	MTBE (8240 or 8260)
MW2A	11/23/94	36.61	11.25	25.36	7,000	1,800	33	11	39	ND	—	—
MW2A	02/28/95	36.61	9.10	27.51	9,000	1,600	29	36	96	45	—	—
MW2A	05/10/95	36.61	8.42	28.19	5,100	1,600	20	27	32	35	—	—
MW2A	08/02/95	36.62	9.54	27.08	4,300	1,800	36	ND	11	16	—	—
MW2A	11/02/95	36.62	11.08	25.54	4,300	3,000[1]	22	ND	10	11	—	—
MW2A	02/08/96	36.62	7.68	28.94	2,900	940[1]	32	13	13	ND	—	—
MW2A	05/08/96	36.62	8.64	27.98	2,500	—	13	12	19	26	—	—
MW2A	08/09/96	36.62	9.71	26.91	—	—	—	—	—	—	—	—
MW2A	08/20/96	36.62	—	—	2,500	—	19	11	6.8	8.1	36	—
MW2A	11/07/96	36.62	11.04	25.58	4,700	—	58	7.3	5.3	ND	55	—
MW2A	02/10/97	36.62	7.75	28.87	2,600	—	12	10	35	15	ND	—
MW2A	05/07/97	36.62	9.23	27.39	3,300	—	25	18	16	11	ND	—
MW2A	09/10/97	36.62	10.91	25.71	2,800	—	24	ND	ND	ND	43	—
MW2A	02/12/98	36.62	5.59	31.03	3,800	—	10	11	30	14	ND	—
MW2A	08/12/98	36.62	8.85	27.77	1,300	—	0.8	8.7	2.4	4.7	ND	—
MW2A	12/10/99	36.62	10.90	25.72	1,300	—	ND	2.2	ND	ND	ND	—
MW2A	01/14/00	36.62	11.39	25.23	2,700	—	1.3	18	2.4	ND	ND	—
MW2A	10/27/00	36.62	10.48	26.14	2,600	—	9.6	2.4	<5.0	<5.0	7.9	—
MW2A	01/18/01	36.62	10.61	26.01	3,800	—	<5.0	2.1	3.0	2.0	<10	—
MW2A	07/10/01	36.62	10.78	25.84	2,100	—	<10	2.6	2.8	3.4	<10	—
MW2A	11/27/01	16.12	Well resurveyed to new reference point									
MW2A	01/16/02	16.12	9.11	7.01	2,500	—	9.80	5.10	6.50	9.80	16.0	—
MW2A	07/08/02	16.12	10.48	5.64	682	—	6.3	0.7	0.9	3.3	8.5	—
MW2A	01/23/03	16.12	8.94	7.18	1,180	—	8.8	3.1	4.8	5.8	—	<0.50
MW2A	07/09/03	16.12	10.03	6.09	1,430	—	7.80	1.5	3.1	3.4	10.5	<0.5
MW2A	01/15/04	16.12	9.48	6.64	1,530	—	0.50	4.8	2.2	2.9	—	<0.5
MW2A	**07/07/04**	**16.12**	**10.80**	**5.32**	**797**	—	**5.70**	**1.3**	**1.7**	**1.1**	—	**<0.5**
MW3A	02/24/94	36.92	9.85	27.07	19,000	10,000	52	30	690	290	—	—
MW3A	08/23/94	36.92	12.33	24.59	14,000	11,000	44	24	1,000	100	—	—
MW3A	11/23/94	36.92	11.56	25.36	13,000	2,600	30	18	690	52	—	—
MW3A	02/28/95	36.92	9.35	27.57	8,500	—	11	ND	340	24	—	—
MW3A	05/10/95	36.92	8.55	28.37	7,600	3,800	ND	ND	400	45	—	—
MW3A	08/02/95	36.93	9.75	27.18	9,200	3,800	17	13	340	34	—	—

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

Well ID	Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentrations (µg/L) TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8020 or 8021)	MTBE (8240 or 8260)
MW3A	11/02/95	36.93	11.29	25.64	9,200	4,400[i]	31	ND	360	72	—	—
MW3A	02/08/96	36.93	7.97	28.96	6,900	3,800[i]	38	ND	230	43	—	—
MW3A	05/08/96	36.93	8.82	28.11	7,700	—	ND	ND	270	38	—	—
MW3A	08/09/96	36.93	9.95	26.98	—	—	—	—	—	—	—	—
MW3A	08/20/96	36.93	—	—	5,600	—	8.0	29	180	23	12	—
MW3A	11/07/96	36.93	11.28	25.65	8,600	—	47	ND	150	29	ND	—
MW3A	02/10/97	36.93	7.95	28.98	8,300	—	28	ND	130	23	ND	—
MW3A	05/07/97	36.93	9.45	27.48	37,000	—	230	110	630	ND	ND	—
MW3A	09/10/97	36.93	11.13	25.80	5,500	—	16	ND	75	11	ND	—
MW3A	02/12/98	36.93	5.72	31.21	10,000	—	37	ND	84	25	ND	—
MW3A	08/12/98	36.93	9.05	27.88	5,600	—	4	18	39	19	ND	—
MW3A	12/10/99	36.93	11.21	25.72	5,900	—	ND	3.0	22	5.0	ND	—
MW3A	01/14/00	36.93	11.64	25.29	6,500	—	7.5	27	37	ND	ND	—
MW3A	10/27/00	36.93	10.78	26.15	6,300	—	<10	3.8	17	5.6	<20	—
MW3A	01/18/01	36.93	10.87	26.06	7,300	—	<20	3.1	14	3.3	<10	—
MW3A	07/10/01	36.93	11.03	25.90	5,200	—	7.3	8.0	11	9.6	<10	—
MW3A	11/27/01	16.42	Well resurveyed to new reference point									
MW3A	01/16/02	16.42	9.38	7.04	4,900	—	19.0	<5.00	16.0	14.0	28.0	<5
MW3A	07/08/02	16.42	10.75	5.67	2,470	—	9.1	1.8	8.8	4.1	17.5	—
MW3A	01/23/03	16.42	9.20	7.22	2,240	—	12.5	4.5	7.9	28.0	—	<0.50
MW3A	07/09/03	16.42	10.28	6.14	2,850	—	10.8	2.8	8.3	5.5	15.7	<0.5
MW3A	01/15/04	16.42	9.77	6.65	2,810	—	1.20	8.2	5.9	9.1	—	<0.5
MW3A	**07/07/04**	**16.42**	**11.07**	**5.35**	**2,250**	—	**15.9**	**2.7**	**5.8**	**1.8**	—	**<0.5**
MW4A	08/02/95	37.18	9.63	27.55	ND	ND	ND	ND	ND	ND	—	—
MW4A	11/02/95	37.18	11.48	25.70	ND	ND	ND	ND	ND	ND	—	—
MW4A	02/08/96	37.18	8.18	29.00	ND	ND	ND	1.1	ND	0.92	—	—
MW4A	05/08/96	37.18	8.49	28.69	ND	—	ND	ND	ND	ND	—	—
MW4A	08/09/96	37.18	10.05	27.13	—	—	—	—	—	—	—	—
MW4A	08/20/96	37.18	—	—	ND	—	ND	ND	ND	ND	ND	—
MW4A	11/07/96	37.18	11.48	25.70	ND	—	ND	ND	ND	0.88	ND	—
MW4A	02/10/97	37.18	8.11	29.07	ND	—	ND	2.4	ND	ND	ND	—
MW4A	05/07/97	37.18	9.64	27.54	ND	—	ND	ND	ND	ND	ND	—
MW4A	09/10/97	37.18	11.32	25.86	—	—	—	—	—	—	—	—

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

Well ID	Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentrations (µg/L) TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8020 or 8021)	MTBE (8240 or 8260)
MW4A	02/12/98	37.18	5.90	31.28	ND	—	ND	ND	ND	ND	ND	—
MW4A	08/12/98	37.18	9.21	27.97	—	—	—	—	—	—	—	—
MW4A	12/10/99	37.18	11.46	25.72	ND	—	ND	0.39	ND	0.95	ND	—
MW4A	03/09/00	Well destroyed										
MW5A	08/02/95	35.91	8.74	27.17	1,300	220	16	0.68	1.3	4.3	—	—
MW5A	11/02/95	35.91	10.34	25.57	180	ND	1.9	1.2	ND	ND	—	—
MW5A	02/08/96	35.91	6.67	29.24	160	150	1.9	2.2	ND	0.89	—	—
MW5A	05/08/96	35.91	7.35	28.56	260	—	2.4	6.7	2.0	9.6	—	—
MW5A	08/09/96	35.91	8.81	27.10	—	—	—	—	—	—	—	—
MW5A	08/20/96	35.91	—	—	ND	—	ND	1.8	ND	ND	9.4	—
MW5A	11/07/96	35.91	10.25	25.66	—	—	—	—	—	—	—	—
MW5A	02/10/97	35.91	6.93	28.98	ND	—	ND	1.2	ND	ND	ND	—
MW5A	05/07/97	35.91	8.42	27.49	—	—	—	—	—	—	—	—
MW5A	09/10/97	35.91	10.15	25.76	—	—	—	—	—	—	—	—
MW5A	02/12/98	35.91	5.32	30.59	ND	—	ND	ND	ND	ND	ND	—
MW5A	08/12/98	35.91	8.19	27.72	—	—	—	—	—	—	—	—
MW5A	12/10/99	35.91	10.10	25.81	ND	—	ND	ND	ND	ND	ND	—
MW5A	03/09/00	Well destroyed										
MW6A	08/02/95	37.10	9.68	27.42	ND	ND	ND	ND	ND	ND	—	—
MW6A	11/02/95	37.10	11.26	25.84	ND	ND	ND	ND	ND	ND	—	—
MW6A	02/08/96	37.10	7.79	29.31	ND	ND	ND	1.3	ND	1.3	—	—
MW6A	05/08/96	37.10	8.38	28.72	ND	—	ND	1.6	ND	1.2	—	—
MW6A	08/09/96	37.10	9.82	27.28	—	—	—	—	—	—	—	—
MW6A	08/20/96	37.10	—	—	ND	—	ND	ND	ND	ND	ND	—
MW6A	11/07/96	37.10	11.02	26.08	—	—	—	—	—	—	—	—
MW6A	02/10/97	37.10	7.70	29.40	ND	—	ND	3.4	ND	ND	ND	—
MW6A	05/07/97	37.10	9.31	27.79	—	—	—	—	—	—	—	—
MW6A	09/10/97	37.10	11.08	26.02	—	—	—	—	—	—	—	—
MW6A	02/12/98	37.10	5.52	31.58	ND	—	ND	ND	ND	ND	ND	—
MW6A	08/12/98	37.10	8.91	28.19	—	—	—	—	—	—	—	—
MW6A	12/10/99	37.10	11.24	25.86	ND	—	ND	0.32	ND	ND	ND	—
MW6A	03/09/00	Well destroyed										

TABLE 2 GROUNDWATER MONITORING DATA, FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

Well ID	Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentrations (µg/L) TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8020 or 8021)	MTBE (8240 or 8260)
MW7A	11/02/95	37.39	11.77	25.62	ND	ND	ND	ND	ND	ND	—	—
MW7A	02/08/96	37.39	8.68	28.71	ND	75	ND	1.4	ND	1.5	—	—
MW7A	05/08/96	37.39	9.00	28.39	ND	—	2.2	6.3	1.4	7.9	—	—
MW7A	08/09/96	37.39	10.31	27.08	—	—	—	—	—	—	—	—
MW7A	08/20/96	37.39	—	—	ND	—	ND	ND	ND	ND	ND	—
MW7A	11/07/96	37.39	11.81	25.58	ND	—	ND	0.96	ND	1.6	ND	—
MW7A	02/10/97	37.39	8.57	28.82	ND	—	ND	2.4	ND	ND	ND	—
MW7A	05/07/97	37.39	10.05	27.34	ND	—	ND	ND	ND	ND	ND	—
MW7A	09/10/97	37.39	11.66	25.73	ND	—	ND	ND	ND	ND	ND	—
MW7A	02/12/98	37.39	6.55	30.84	ND	—	ND	ND	ND	ND	ND	—
MW7A	08/12/98	37.39	9.65	27.74	ND	—	0.5	ND	ND	ND	ND	—
MW7A	12/10/99	37.39	11.80	25.59	ND	—	ND	ND	ND	ND	ND	—
MW7A	03/09/00	Well destroyed										

i Unidentified hydrocarbons <C10

TPH-d Total Petroleum Hydrocarbons as diesel.
TPH-g Total Petroleum Hydrocarbons as gasoline.
MTBE Methyl tertiary butyl ether.
ND Not detected at or above laboratory reporting limit.
TOC Top of casing.

µg/L Micrograms per liter.
— Not analyzed or not provided.

TABLE 3 GROUNDWATER ANALYTICAL RESULTS FOR OXYGENATES AND ADDITIVES,
FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

Well ID	Date	Concentrations (µg/L) t-Butyl alcohol	Methyl t-butyl ether	Diisopropyl ether	Ethyl t-butyl ether	t-Amyl methyl ether	1,2-Dichloro-ethane	1,2-Dibromo-ethane
MW1A	08/20/96	--	ND	--	--	--	--	--
MW1A	11/07/96	--	ND	--	--	--	--	--
MW1A	02/10/97	--	ND	--	--	--	--	--
MW1A	09/10/97	--	ND	--	--	--	--	--
MW1A	10/27/00	--	<5	--	--	--	--	--
MW1A	07/10/01	--	<2	--	--	--	--	--
MW1A	07/08/02	--	<0.50	--	--	--	--	--
MW1A	01/23/03	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW1A	01/15/04	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW1A	**07/07/04**	**<10**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW2A	01/23/03	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW2A	01/15/04	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW2A	**07/07/04**	**<10**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW3A	01/16/02	--	<5	--	--	--	--	--
MW3A	01/23/03	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW3A	01/15/04	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW3A	**07/07/04**	**<10**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

ND Not detected at or above laboratory reporting limit.

-- Not analyzed or not provided.

µg/L Micrograms per liter.

TABLE 4 GROUNDWATER MONITORING PLAN,
FORMER MOBIL STATION 04-FGN, 14994 EAST 14TH STREET, SAN LEANDRO, CALIFORNIA

Well Number	Groundwater Gauging Frequency	Groundwater Sampling and Analysis Frequency		
		BTEX and TPH-g	MTBE	Oxygenates and Additives
MW1A	SA	SA	SA	SA
MW2A	SA	SA	SA	SA
MW3A	SA	SA	SA	SA

SA = Semi-annually (during the first and third quarters of each year).

BTEX = Benzene, toluene, ethylbenzene, total xylenes.
MTBE = Methyl tertiary butyl ether.
TPH-g = Total Petroleum Hydrocarbons as gasoline.

Oxygenates and additives include diisopropyl ether, t-butyl alcohol, tert-amyl methyl ether, ethyl tert-butyl ether, 1,2-dibromoethane, and 1,2-dichloroethane.

Appendix A

Field Protocols

PROTOCOLS FOR QUARTERLY GROUNDWATER MONITORING

GROUNDWATER GAUGING

Wells are opened prior to gauging to allow the groundwater level in the wells to equilibrate with atmospheric pressure. The depth to groundwater and depth to liquid-phase hydrocarbons, if present, are then measured to the nearest 0.01 feet using an electronic water level meter or optical interface probe. The measurements are made from a permanent reference point at the top of the well casing. If less than 1 foot of water is measured in a well, the water is bailed from the well and, if the well does not recover, the well is considered "functionally dry." Wells with a sheen or measurable liquid-phase hydrocarbons are generally not purged or sampled.

WELL PURGING

After the wells are gauged, each well is purged of approximately 3 well casing volumes of water to provide representative groundwater samples for analysis. Field parameters of pH, temperature, and electrical conductance are measured during purging to ensure that these parameters have stabilized before groundwater in a well is sampled. Groundwater in each well is purged using an inertial pump (WaTerra), an electric submersible pump, or a bailer. After the well is purged, the water level is checked to ensure that the well has recharged to at least 80 percent of its original water level.

GROUNDWATER SAMPLING

After purging, groundwater in each well is sampled using dedicated tubing and an inertial pump (WaTerra) or a factory-cleaned disposable bailer. Samples from extraction wells are typically collected from sample ports associated with the groundwater remediation system. Samples collected for volatile organic analysis are placed in Teflon septum-sealed 40-milliliter glass vials. Samples collected for diesel analysis are placed in 1-liter amber glass bottles. Each sample bottle is labeled with the site name, well number, date, sampler's initials, and preservative. The samples are placed in a cooler with ice for delivery to a state-certified laboratory. The information for each sample is entered on a chain-of-custody form prior to transport to the laboratory.

Appendix B

Field Documents

ETIC ENGINEERING

MONITORING WELL DATA FORM

Client: ExxonMobil

Project Number: TM04FGN.6

Site Location:
14994 East 14th Street, San Leandro, CA

Date: 7/7/09

Station Number: 04-FGN

Samplers: CM

MONITORING WELL NUMBER	DEPTH TO WATER (TOC)	DEPTH TO PRODUCT (TOC)	APPARENT PRODUCT THICKNESS	AMOUNT OF PRODUCT REMOVED	Well Completion Depth (Feet)	DEPTH TO BOTTOM (TOC)	WELL CASING DIAMETER
MW1A	10.75					**18.62**	**2"**
MW2A	10.80					**24.73**	**2"**
MW3A	11.07					**22.52**	**2"**

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE

Project Name: Former Mobil 04-FGN Well No: MW1A Date: 7/7/04

Project No: TM04FGN.6 Personnel: C. Mitchell

GAUGING DATA

Water Level Measuring Method: WLM Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	18.62	-	10.75	=		X	1	(2)	4	6	1.25	=	3.75
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: ~~WaTerra~~ Bailer Purge Depth: Screen Purge Rate: (gpm)

Time	12:49	12:51	12:53			
Volume Purge (gal)	1	2	3			
Temperature (C)	20.5°C	20.1°C	20.0°C			
pH	7.24	7.19	7.21			
Spec.Cond.(umhos)	717 µS	723 µS	716 µS			
Turbidity/Color	S.Hy	S.Hy	S.Hy			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observbations:

SAMPLING DATA

Time Sampled: 12:55 Approximate Depth to Water During Sampling: 10 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW1A	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 3 (gallons) Disposal: OK

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling: No screws

Well Head Conditions Requiring Correction:

Problems Encountered During Purging and Sampling: None

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE

Project Name: Former Mobil 04-FGN Well No: MW2A Date: 7/2/09

Project No: TM04FGN.6 Personnel: C. Mitchell

GAUGING DATA

Water Level Measuring Method: WLM Measuring Point Description: TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	24.73	−	10.80	=	13.93	X	1	(2)	4	6	2.22	= 6.68
							0.04	0.16	0.64	1.44		

PURGING DATA

Purge Method: ~~WaTera~~ Bailer Purge Depth: Screen Purge Rate: (gpm)

Time	12:19	12:23	12:27			
Volume Purge (gal)	2	4	6			
Temperature (C)	21.6°C	20.9°C	20.8°C			
pH	6.54	7.09	7.10			
Spec.Cond.(umhos)	769.7µS	771.5µS	769.7µS			
Turbidity/Color	Silty	Silty	Silty			
Odor (Y/N)	N	N	N			
Dewatered (Y/N)	N	N	N			

Comments/Observbations:

SAMPLING DATA

Time Sampled: 12:30 Approximate Depth to Water During Sampling: 10 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW2A	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 6 (gallons) Disposal: On

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling: ~~Good~~ 1 cap stripped 1x

Well Head Conditions Requiring Correction: None

Problems Encountered During Purging and Sampling: None

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE

Project Name: Former Mobil 04-FGN | Well No: MW3A | Date: 7/7/04

Project No: TM04FGN.6 | Personnel: C. Mitchell

GAUGING DATA

Water Level Measuring Method: WLM | Measuring Point Description: TOC

	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	(2)	4	6			
WELL PURGE VOLUME CALCULATION	22.52	−	11.07	=	11.45	X	0.04	0.16	0.64	1.44	1.83	=	5.49

PURGING DATA

Purge Method: WaTerra | Purge Depth: Screen | Purge Rate: (gpm)

Time	13:14	13:15	13:16			
Volume Purge (gal)	2	4	6			
Temperature (°C)	21.9°C	21.6°C	21.6°C			
pH	7.23	7.10	7.09			
Spec.Cond.(umhos)	1028 µS	1031 µS	1032 µS			
Turbidity/Color	Silty	Clear ✓	Clear ✓			
Odor (Y/N)	N ✓	N	N			
Dewatered (Y/N)	N ✓	N	N			

Comments/Observbations:

SAMPLING DATA

Time Sampled: 13:20 | Approximate Depth to Water During Sampling: 11 (feet)

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW3A	6	Voa	HCL	40 ml		TPH-g, BTEX, MTBE

Total Purge Volume: 6 (gallons) | Disposal: OK

Weather Conditions: OK

Condition of Well Box and Casing at Time of Sampling: Good

Well Head Conditions Requiring Correction: None

Problems Encountered During Purging and Sampling: None

Comments:

Appendix C

Laboratory Analytical Reports

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

8/25/04

CASE NARRATIVE

ETIC ENGINEERING 3865
BRYAN CAMPBELL
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: EXXONMOBIL 04-FGN
Project Number: .
Laboratory Project Number: 381812.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
MW1A	04-A106106	7/ 7/04
MW2A	04-A106107	7/ 7/04
MW3A	04-A106108	7/ 7/04

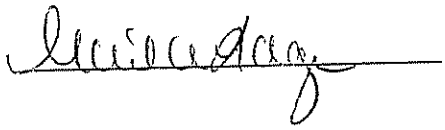
Additional Laboratory Comments:

Corrected sample ID on 106107.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory. This is a re-issued report.

Report Approved By: 

Report Date: 8/25/04
Revised Report Date

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Services
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services
Gail A. Lage, Technical Services
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Technical Services

Laboratory Certification Number: 01168CA

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

ETIC ENGINEERING 3865
BRYAN CAMPBELL
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 04-FGN
Sampler: CHRISTOPHER L. MITCHELL

Lab Number: 04-A106106
Sample ID: MW1A
Sample Type: Water
Site ID: 04-FGN

Date Collected: 7/ 7/04
Time Collected: 12:55
Date Received: 7/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	18.7	ug/l	0.50	1.0	7/13/04	1:41	H. Wagner	8021B	2201
Ethylbenzene	3.7	ug/l	0.5	1.0	7/13/04	1:41	H. Wagner	8021B	2201
Toluene	2.9	ug/l	0.5	1.0	7/13/04	1:41	H. Wagner	8021B	2201
Xylenes (Total)	1.5	ug/l	0.5	1.0	7/13/04	1:41	H. Wagner	8021B	2201
TPH (Gasoline Range)	2210	ug/l	50.0	1.0	7/13/04	1:41	H. Wagner	8015B	2201
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/l	0.50	1.0	7/12/04	14:44	B.Herford	8260B	4227
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/12/04	14:44	B.Herford	8260B	4227
Tertiary butyl alcohol	ND	ug/l	10.0	1.0	7/12/04	14:44	B.Herford	8260B	4227
1,2-Dibromoethane	ND	ug/l	0.50	1.0	7/12/04	14:44	B.Herford	8260B	4227
1,2-Dichloroethane	ND	ug/l	0.50	1.0	7/12/04	14:44	B.Herford	8260B	4227
Methyl-t-butyl ether	ND	ug/l	0.50	1.0	7/12/04	14:44	B.Herford	8260B	4227
Diisopropyl ether	ND	ug/l	0.50	1.0	7/12/04	14:44	B.Herford	8260B	4227

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	110.	62. - 136.
VOA Surr 1,2-DCA-d4	96.	71. - 128.
VOA Surr Toluene-d8	84.	77. - 119.
VOA Surr, 4-BFB	103.	79. - 123.
VOA Surr, DBFM	93.	78. - 124.

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 04-A106106
Sample ID: MW1A
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

ETIC ENGINEERING 3865
BRYAN CAMPBELL
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 04-FGN
Sampler: CHRISTOPHER L. MITCHELL

Lab Number: 04-A106107
Sample ID: MW2A
Sample Type: Water
Site ID: 04-FGN

Date Collected: 7/ 7/04
Time Collected: 12:30
Date Received: 7/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	5.70	ug/l	0.50	1.0	7/13/04	2:13	H. Wagner	8021B	2201
Ethylbenzene	1.7	ug/l	0.5	1.0	7/13/04	2:13	H. Wagner	8021B	2201
Toluene	1.3	ug/l	0.5	1.0	7/13/04	2:13	H. Wagner	8021B	2201
Xylenes (Total)	1.1	ug/l	0.5	1.0	7/13/04	2:13	H. Wagner	8021B	2201
TPH (Gasoline Range)	797.	ug/l	50.0	1.0	7/13/04	2:13	H. Wagner	8015B	2201
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/l	0.50	1.0	7/12/04	2:56	B.Herford	8260B	3369
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/12/04	2:56	B.Herford	8260B	3369
Tertiary butyl alcohol	ND	ug/l	10.0	1.0	7/12/04	2:56	B.Herford	8260B	3369
1,2-Dibromoethane	ND	ug/l	0.50	1.0	7/12/04	2:56	B.Herford	8260B	3369
1,2-Dichloroethane	ND	ug/l	0.50	1.0	7/12/04	2:56	B.Herford	8260B	3369
Methyl-t-butyl ether	ND	ug/l	0.50	1.0	7/12/04	2:56	B.Herford	8260B	3369
Diisopropyl ether	ND	ug/l	0.50	1.0	7/12/04	2:56	B.Herford	8260B	3369

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	89.	62. - 136.
VOA Surr 1,2-DCA-d4	96.	71. - 128.
VOA Surr Toluene-d8	83.	77. - 119.
VOA Surr, 4-BFB	104.	79. - 123.
VOA Surr, DBFM	92.	78. - 124.

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 04-A106107
Sample ID: MW2A
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

ETIC ENGINEERING 3865
BRYAN CAMPBELL
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 04-FGN
Sampler: CHRISTOPHER L. MITCHELL

Lab Number: 04-A106108
Sample ID: MW3A
Sample Type: Water
Site ID: 04-FGN

Date Collected: 7/ 7/04
Time Collected: 13:20
Date Received: 7/ 9/04
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	15.9	ug/l	0.50	1.0	7/13/04	2:44	H. Wagner	8021B	2201
Ethylbenzene	5.8	ug/l	0.5	1.0	7/13/04	2:44	H. Wagner	8021B	2201
Toluene	2.7	ug/l	0.5	1.0	7/13/04	2:44	H. Wagner	8021B	2201
Xylenes (Total)	1.8	ug/l	0.5	1.0	7/13/04	2:44	H. Wagner	8021B	2201
TPH (Gasoline Range)	2250	ug/l	50.0	1.0	7/13/04	2:44	H. Wagner	8015B	2201
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/l	0.50	1.0	7/12/04	3:24	B.Herford	8260B	3369
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/12/04	3:24	B.Herford	8260B	3369
Tertiary butyl alcohol	ND	ug/l	10.0	1.0	7/12/04	3:24	B.Herford	8260B	3369
1,2-Dibromoethane	ND	ug/l	0.50	1.0	7/12/04	3:24	B.Herford	8260B	3369
1,2-Dichloroethane	ND	ug/l	0.50	1.0	7/12/04	3:24	B.Herford	8260B	3369
Methyl-t-butyl ether	ND	ug/l	0.50	1.0	7/12/04	3:24	B.Herford	8260B	3369
Diisopropyl ether	ND	ug/l	0.50	1.0	7/12/04	3:24	B.Herford	8260B	3369

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	115.	62. - 136.
VOA Surr 1,2-DCA-d4	94.	71. - 128.
VOA Surr Toluene-d8	90.	77. - 119.
VOA Surr, 4-BFB	101.	79. - 123.
VOA Surr, DBFM	91.	78. - 124.

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 04-A106108
Sample ID: MW3A
Project:

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 04-FGN
Page: 1
Laboratory Receipt Date: 7/ 9/04

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
Benzene	mg/l	0.00560	0.0606	0.0500	110	53. - 159.	2201	106061
Toluene	mg/l	< 0.0005	0.0479	0.0500	96	54. - 156.	2201	106061
Ethylbenzene	mg/l	0.0041	0.0518	0.0500	95	50. - 159.	2201	106061
Xylenes (Total)	mg/l	0.0032	0.0475	0.100	44#	53. - 151.	2201	106061
BTEX/GRO Surr., a,a,a-IFT	% Recovery				177	62 - 136	2201	
VOA Surr 1,2-DCA-d4	% Rec				93	71 - 128	3369	
VOA Surr 1,2-DCA-d4	% Rec				94	71 - 128	4227	
VOA Surr Toluene-d8	% Rec				105	77 - 119	3369	
VOA Surr Toluene-d8	% Rec				101	77 - 119	4227	
VOA Surr, 4-BFB	% Rec				94	79 - 123	3369	
VOA Surr, 4-BFB	% Rec				84	79 - 123	4227	
VOA Surr, DBFM	% Rec				92	78 - 124	3369	
VOA Surr, DBFM	% Rec				91	78 - 124	4227	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0606	0.0627	3.41	21.	2201
Toluene	mg/l	0.0479	0.0497	3.69	25.	2201
Ethylbenzene	mg/l	0.0518	0.0538	3.79	25.	2201
Xylenes (Total)	mg/l	0.0475	0.0494	3.92	24.	2201

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 04-FGN
Page: 2
Laboratory Receipt Date: 7/ 9/04

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
BTEX/GRO Surr., a,a.a-TFT	% Recovery		174.			2201
VOA Surr 1.2-DCA-d4	% Rec		93.			3369
VOA Surr 1,2-DCA-d4	% Rec		94.			4227
VOA Surr Toluene-d8	% Rec		105.			3369
VOA Surr Toluene-d8	% Rec		102.			4227
VOA Surr, 4-BFB	% Rec		93.			3369
VOA Surr, 4-BFB	% Rec		87.			4227
VOA Surr, DBFM	% Rec		89.			3369
VOA Surr, DBFM	% Rec		91.			4227

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.107	107	76 - 118	2201
Toluene	mg/l	0.100	0.0987	99	72 - 119	2201
Ethylbenzene	mg/l	0.100	0.102	102	72 - 119	2201
Xylenes (Total)	mg/l	0.200	0.187	94	71 - 123	2201
TPH (Gasoline Range)	mg/l	1.00	1.01	101	72 - 122	2201
BTEX/GRO Surr., a,a,a-TFT	% Recovery			91	62 - 136	2201
VOA PARAMETERS						
Ethyl-t-butylether	mg/l	0.0500	0.0530	106	72 - 127	3369
Ethyl-t-butylether	mg/l	0.0500	0.0548	110	72 - 127	4227
tert-amyl methyl ether	mg/L	0.0500	0.0461	92	61 - 129	3369
tert-amyl methyl ether	mg/L	0.0500	0.0474	95	61 - 129	4227
Tertiary butyl alcohol	mg/l	0.500	0.589	118	39 - 156	3369
Tertiary butyl alcohol	mg/l	0.500	0.579	116	39 - 156	4227

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 04-FGN
Page: 3
Laboratory Receipt Date: 7/ 9/04

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2-Dibromoethane	mg/l	0.0500	0.0581	116	78 - 133	3369
1,2-Dibromoethane	mg/l	0.0500	0.0591	118	78 - 133	4227
1,2-Dichloroethane	mg/l	0.0500	0.0526	105	72 - 133	3369
1,2-Dichloroethane	mg/l	0.0500	0.0531	106	72 - 133	4227
Methyl-t-butyl ether	mg/l	0.0500	0.0529	106	70 - 130	3369
Methyl-t-butyl ether	mg/l	0.0500	0.0544	109	70 - 130	4227
Diisopropyl ether	mg/l	0.0500	0.0479	96	73 - 127	3369
Diisopropyl ether	mg/l	0.0500	0.0487	97	73 - 127	4227
VOA Surr 1,2-DCA-d4	% Rec			92	71 - 128	3369
VOA Surr 1,2-DCA-d4	% Rec			91	71 - 128	4227
VOA Surr Toluene-d8	% Rec			103	77 - 119	3369
VOA Surr Toluene-d8	% Rec			105	77 - 119	4227
VOA Surr, 4-BFB	% Rec			88	79 - 123	3369
VOA Surr, 4-BFB	% Rec			91	79 - 123	4227
VOA Surr, DBFM	% Rec			87	78 - 124	3369
VOA Surr, DBFM	% Rec			88	78 - 124	4227

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd

Project QC continued

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 04-FGN
Page: 4
Laboratory Receipt Date: 7/ 9/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.00050	mg/l	2201	7/12/04	16:52
Toluene	< 0.0005	mg/l	2201	7/12/04	16:52
Ethylbenzene	< 0.0005	mg/l	2201	7/12/04	16:52
Xylenes (Total)	0.0007	mg/l	2201	7/12/04	16:52
TPH (Gasoline Range)	< 0.0500	mg/l	2201	7/12/04	16:52
BTEX/GRO Surr., a,a,a-TFT	88.	% Recovery	2201	7/12/04	16:52
VOA PARAMETERS					
Ethyl-t-butylether	< 0.00015	mg/l	3369	7/11/04	23:12
Ethyl-t-butylether	< 0.00015	mg/l	4227	7/12/04	11:55
tert-amyl methyl ether	< 0.00030	mg/L	3369	7/11/04	23:12
tert-amyl methyl ether	< 0.00030	mg/L	4227	7/12/04	11:55
Tertiary butyl alcohol	< 0.00224	mg/l	3369	7/11/04	23:12
Tertiary butyl alcohol	< 0.00224	mg/l	4227	7/12/04	11:55
1,2-Dibromoethane	< 0.00010	mg/l	3369	7/11/04	23:12
1,2-Dibromoethane	< 0.00010	mg/l	4227	7/12/04	11:55
1,2-Dichloroethane	< 0.00021	mg/l	3369	7/11/04	23:12
1,2-Dichloroethane	< 0.00021	mg/l	4227	7/12/04	11:55
Methyl-t-butyl ether	< 0.00013	mg/l	3369	7/11/04	23:12
Methyl-t-butyl ether	< 0.00013	mg/l	4227	7/12/04	11:55
Diisopropyl ether	< 0.00010	mg/l	3369	7/11/04	23:12
Diisopropyl ether	< 0.00010	mg/l	4227	7/12/04	11:55
VOA Surr 1,2-DCA-d4	106.	% Rec	3369	7/11/04	23:12
VOA Surr 1,2-DCA-d4	105.	% Rec	4227	7/12/04	11:55
VOA Surr Toluene-d8	93.	% Rec	3369	7/11/04	23:12
VOA Surr Toluene-d8	95.	% Rec	4227	7/12/04	11:55
VOA Surr, 4-BFB	108.	% Rec	3369	7/11/04	23:12
VOA Surr, 4-BFB	105.	% Rec	4227	7/12/04	11:55

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 04-FGN
Page: 5
Laboratory Receipt Date: 7/ 9/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
VOA Surr. DBFM	102.	% Rec	3369	7/11/04	23:12
VOA Surr, DBFM	103.	% Rec	4227	7/12/04	11:55

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 381812

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

381812

ExxonMobil

Consultant Name: ETIC ENGINEERING
Address: 2285 MORELLO AVENUE
City/State/Zip: PLEASANT HILL, CA 94523
ExxonMobil Project Mgr: BRYAN CAMPBELL
Telephone Number: (925) 602-4710 EXT. 24 Fax No.: (925) 602-4720
Sampler Name: (Print) Christopher L. Mitchell
Sampler Signature: Christopher L. Mitchell

Report To: BRYAN CAMPBELL
Invoice To: GENE ORTEGA (EXXONMOBIL TM)
Account #: 3865
PO #: 4504340686
Facility ID # 04-FGN
Site Address 14994 EAST 14TH STREET
City, State Zip SAN LEANDRO, CA

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-G/BTEX BY 8015B/8021B	7 FUEL OXYGENATES BY 8260B	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
MW1A 106106	7/7/04	1255	6				X		X						X						X	X			X	
MW2A 7	"	1230	6				X		X						X						X	X			X	
MW3A 106108	"	1320	6				X		X						X						X	X			X	

Special Instructions:
GLOBAL ID# T0600100912
EDF FILE REQUIRED
7 FUEL OXYGENATES INCLUDE: MTBE, TBA, TAME, ETBE, DIPE, EDB, AND 1,2-DCA.

Laboratory Comments:
Temperature Upon Receipt: 0.0
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
Christopher L. Mitchell	7/7/04	1900			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				7/8/04	0800

G:\Projects\04-FGN\Public\QM Pre-Field Folder\04-FGN COC 3Q04.xls

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

381812

COOLER RECEIPT FORM BC#

Client Name : ETIC Engineering

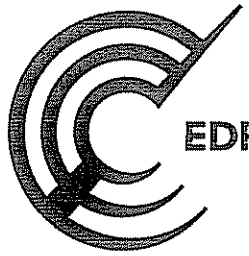
Cooler Received/Opened On: 7/09/04 **Accessioned By:** Shawn Gracey

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 0.0 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many, what kind and where: 1, Front
3. Were custody seals on containers and intact?..... NO..YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA
5. Were custody papers inside cooler?..... YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA
7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct containers used for the analysis requested?..... YES...NO...NA
14. a. Were VOA vials received?..... YES...NO...NA
    b. Was there any observable head space present in any VOA vial?..... NO...YES...NA
15. Was sufficient amount of sample sent in each container?..... YES...NO...NA
16. Were correct preservatives used?..... YES...NO...NA
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?..... NO...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:
    1963
    Fed-Ex UPS Velocity Airborne Route Off-street Misc.
19. If a Non-Conformance exists, see attached or comments below:

Attachment D

EDR Report (EDR 2006)



EDR® Environmental
Data Resources Inc

The EDR Radius Map
with GeoCheck®

Former Mobil Station 04-FGN
14994 East 14th Street
San Leandro, CA 94578

Inquiry Number: 1731082.1s

August 08, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

14994 EAST 14TH STREET
SAN LEANDRO, CA 94578

COORDINATES

Latitude (North):	37.705800 - 37° 42' 20.9"
Longitude (West):	122.129300 - 122° 7' 45.5"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	576752.2
UTM Y (Meters):	4173325.5
Elevation:	42 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37122-F2 SAN LEANDRO, CA
Most Recent Revision:	1980
East Map:	37122-F1 HAYWARD, CA
Most Recent Revision:	1980

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
KUBO'S SERVICE CENTER 14994 E 14TH ST SAN LEANDRO, CA 94578	HIST UST CS	N/A
MOBIL 14994 14TH ST E SAN LEANDRO, CA 94578	LUST Facility Status: Preliminary site assessment underway Facility Status: Post remedial action monitoring Cortese	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
CHMIRS	California Hazardous Material Incident Report System
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
WIP	Well Investigation Program Case List
CDL	Clandestine Drug Labs
HAZNET	Facility and Manifest Data

EXECUTIVE SUMMARY

EMI..... Emissions Inventory Data

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/09/2006 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
CHERRYBROOKE ESTATES	15041 HESPERIAN BLVD	1/8 - 1/4 SSW	22	28

EXECUTIVE SUMMARY

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/09/2006 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SWISS CLEANERS	*14883 E 14TH ST*	*0 - 1/8 NW*	*C14*	*18*
PACIFIC BELL	*1381 LILLIAN ST*	*1/8 - 1/4 WNW*	*23*	*28*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
FOTOMAT CORP EB052	*15335 E 14TH ST*	*1/8 - 1/4 SE*	*24*	*29*

STATE AND LOCAL RECORDS

AWP: California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 08/08/2005 has revealed that there are 2 AWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CENTURY PLATING COMPANY INC	*1124 139TH AVENUE*	*1/2 - 1 WNW*	*41*	*70*
CINTAS/DEDOMINICO SITE	*777 139TH AVENUE*	*1/2 - 1 WNW*	*43*	*74*

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 2 Cal-Sites sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CENTURY PLATING COMPANY INC	*1124 139TH AVENUE*	*1/2 - 1 WNW*	*41*	*70*
Facility Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT				
CINTAS/DEDOMINICO SITE	*777 139TH AVENUE*	*1/2 - 1 WNW*	*43*	*74*
Facility Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE				

EXECUTIVE SUMMARY

BEP: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ONE HUNDRED THIRTY-NINTH STREE	750 139TH STREET	1/2 - 1 WNW	42	73

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 11 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNOCAL	*15008 14TH ST E*	*0 - 1/8 SE*	*A8*	*13*
QUALITY TUNE UP	*14901 14TH ST E*	*0 - 1/8 NW*	*B10*	*15*
SCR-EDEN CENTER	*14883 14TH*	*0 - 1/8 NW*	*C12*	*17*
SHELL	*1784 150TH AVE*	*1/4 - 1/2 NE*	*27*	*30*
MASKELL OIL COMPANY	*14500 14TH ST E*	*1/4 - 1/2 NW*	*I36*	*56*
FAIRMONT HOSPITAL	*15400 FOOTHILL BOULEVAR*	*1/4 - 1/2 ENE*	*38*	*60*
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
CHEVRON	*15002 HESPERIAN BLVD*	*0 - 1/8 SSW*	*E16*	*22*
USA PETROLEUM	*15120 HESPERIAN BLVD*	*1/4 - 1/2 S*	*G28*	*36*
ARCO # 02162	*15135 HESPERIAN BLVD*	*1/4 - 1/2 S*	*G31*	*44*
BAYFAIR MALL	*248 BAYFAIR DR*	*1/4 - 1/2 S*	*34*	*52*
NARUO NURSERY	*1500 THRUSH AVE*	*1/4 - 1/2 E*	*35*	*54*

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/11/2006 has revealed that there are 13 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNOCAL Facility Status: Pollution Characterization	*15008 14TH ST E*	*0 - 1/8 SE*	*A8*	*13*
QUALITY TUNE UP Facility Status: Pollution Characterization	*14901 14TH ST E*	*0 - 1/8 NW*	*B10*	*15*
NELLA OIL SITE Facility Status: Case Closed	14880 E. 14TH STREET	0 - 1/8 NW	C19	26
SHELL Facility Status: Preliminary site assessment underway	*1784 150TH AVE*	*1/4 - 1/2 NE*	*27*	*30*
FREEDOM ARCO Facility Status: Preliminary site assessment workplan submitted	15101 FREEDOM AVE	1/4 - 1/2 ENE	H32	49

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MASKELL OIL COMPANY Facility Status: Case Closed Facility Status: Leak being confirmed	*14500 14TH ST E*	*1/4 - 1/2 NW*	*I36*	*56*
FAIRMONT HOSPITAL Facility Status: Case Closed	*15400 FOOTHILL BOULEVAR*	*1/4 - 1/2 ENE*	*38*	*60*

Lower Elevation	Address	Dist / Dir	Map ID	Page
CHEVRON Facility Status: Case Closed	*15002 HESPERIAN BLVD*	*0 - 1/8 SSW*	*E16*	*22*
USA PETROLEUM Facility Status: Case Closed	*15120 HESPERIAN BLVD*	*1/4 - 1/2 S*	*G28*	*36*
PACIFIC BELL Facility Status: Case Closed	*15125 HESPERIAN BOULEVA*	*1/4 - 1/2 S*	*G29*	*38*
ARCO # 02162 Facility Status: Pollution Characterization	*15135 HESPERIAN BLVD*	*1/4 - 1/2 S*	*G31*	*44*
BAYFAIR MALL Facility Status: Case Closed	*248 BAYFAIR DR*	*1/4 - 1/2 S*	*34*	*52*
NARUO NURSERY Facility Status: Case Closed	*1500 THRUSH AVE*	*1/4 - 1/2 E*	*35*	*54*

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
QUALITY TUNE UP	*14901 E 014TH ST*	*0 - 1/8 WSW*	*11*	*16*

Lower Elevation	Address	Dist / Dir	Map ID	Page
CHEVRON	*15002 HESPERIAN BLVD*	*0 - 1/8 SSW*	*E16*	*22*

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 07/11/2006 has revealed that there are 4 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
EDEN CENTER Facility Status: Verification Monitoring Underway	14883 E 14TH ST	0 - 1/8 NW	C13	17
MASKELL OIL COMPANY	*14500 14TH ST E*	*1/4 - 1/2 NW*	*I36*	*56*

Lower Elevation	Address	Dist / Dir	Map ID	Page
FAIRMONT SHOPPING CENTER Facility Status: Verification Monitoring Underway	15065-15399 E. 14TH STR	0 - 1/8 SE	D21	28
TLC CLEANERS Facility Status: Verification Monitoring Underway	15070 HESPERIAN BLVD	1/4 - 1/2 S	F25	29

EXECUTIVE SUMMARY

Alameda CS: A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

A review of the CS list, as provided by EDR, and dated 05/23/2006 has revealed that there are 9 CS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CHAUS BAYFAIR 76	*15008 E 14TH ST*	*0 - 1/8 SE*	*A6*	*12*
SHELL	*1784 150TH AVE*	*1/4 - 1/2 NE*	*27*	*30*
FREEDOM ARCO MINI MART	*15101 FREEDOM AVE*	*1/4 - 1/2 ENE*	*H33*	*50*
MASKELL OIL	*14500 E 14TH ST*	*1/4 - 1/2 NW*	*I37*	*60*
FAIRMONT HOSPITAL	*15400 FOOTHILL BOULEVAR*	*1/4 - 1/2 ENE*	*38*	*60*

Lower Elevation	Address	Dist / Dir	Map ID	Page
CHEVRON	*15002 HESPERIAN BLVD*	*0 - 1/8 SSW*	*E16*	*22*
USA PETROLEUM	*15120 HESPERIAN BLVD*	*1/4 - 1/2 S*	*G28*	*36*
ARCO #2162	15135 HESPERIAN BLVD	1/4 - 1/2 S	G30	43
NARUO NURSERY	*1500 THRUSH AVE*	*1/4 - 1/2 E*	*35*	*54*

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 07/11/2006 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNOCAL 3292	15005 E. 14TH ST.	0 - 1/8 SE	A5	12
BAYFAIR 76 #253292	15008 14TH ST	0 - 1/8 SE	A7	13

Lower Elevation	Address	Dist / Dir	Map ID	Page
BAYFAIR CHEVRON I	15002 HESPERIAN BLVD.	0 - 1/8 SSW	E18	26

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 4 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNOCAL SERVICE STATION #3292	*15005 E 14TH ST*	*0 - 1/8 SE*	*A3*	*10*
UNION OIL SS# 3292	15005 E 14TH ST	0 - 1/8 SE	A4	11
QUALITY TUNE UP	14901 E 14TH ST	0 - 1/8 NW	B9	14

Lower Elevation	Address	Dist / Dir	Map ID	Page
92013	15002 HESPERIAN BLVD	0 - 1/8 SSW	E17	25

EXECUTIVE SUMMARY

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 01/30/2006 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
JIFFY LUBE #1158	*15015 HESPERIAN BLVD*	*0 - 1/8 SSW*	*E20*	*27*

SWEEPS: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNOCAL SERVICE STATION #3292	*15005 E 14TH ST*	*0 - 1/8 SE*	*A3*	*10*
QUALITY TUNE UP	*14901 E 014TH ST*	*0 - 1/8 WSW*	*11*	*16*

Lower Elevation	Address	Dist / Dir	Map ID	Page
CHEVRON	*15002 HESPERIAN BLVD*	*0 - 1/8 SSW*	*E16*	*22*

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 3 Notify 65 sites within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
UNOCAL #3292	15008 E. 14TH ST.	0 - 1/8 SE	D15	21
USA PETROLEUM	15120 HEPERIAN BOULEVAR	1/4 - 1/2 S	F26	30
UNOCAL SERVICE STATION #6277	15803 EAST 14TH STREET	1/2 - 1 SE	39	67

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CLEANERS list, as provided by EDR, and dated 04/18/2005 has revealed that there is 1 CLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SWISS CLEANERS	*14883 E 14TH ST*	*0 - 1/8 NW*	*C14*	*18*

EXECUTIVE SUMMARY

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/10/2006 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
JEFFERSON ELEMENTARY SCHOOL	*14311 LARK STREET*	*1/2 - 1 NNW*	*40*	*67*
CENTURY PLATING COMPANY INC	*1124 139TH AVENUE*	*1/2 - 1 WNW*	*41*	*70*
CINTAS/DEDOMINICO SITE	*777 139TH AVENUE*	*1/2 - 1 WNW*	*43*	*74*

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
ALAMEDA COUNTY GSA - NIKE SITE	SWEEPS UST
DWA PLUME	Cal-Sites, AWP, ENVIROSTOR
PG&E GAS PLANT SAN LEANDRO	CERC-NFRAP
ZZEAST BAY REGIONAL PARK DISTRICT	UST
ARCO STATION	ERNS
1/2 BLK S. OF STANDARD GAS STATION	ERNS
FORMER DAVIS ST LANDFILL	SLIC
PG&E EASEMENT	SCH, ENVIROSTOR

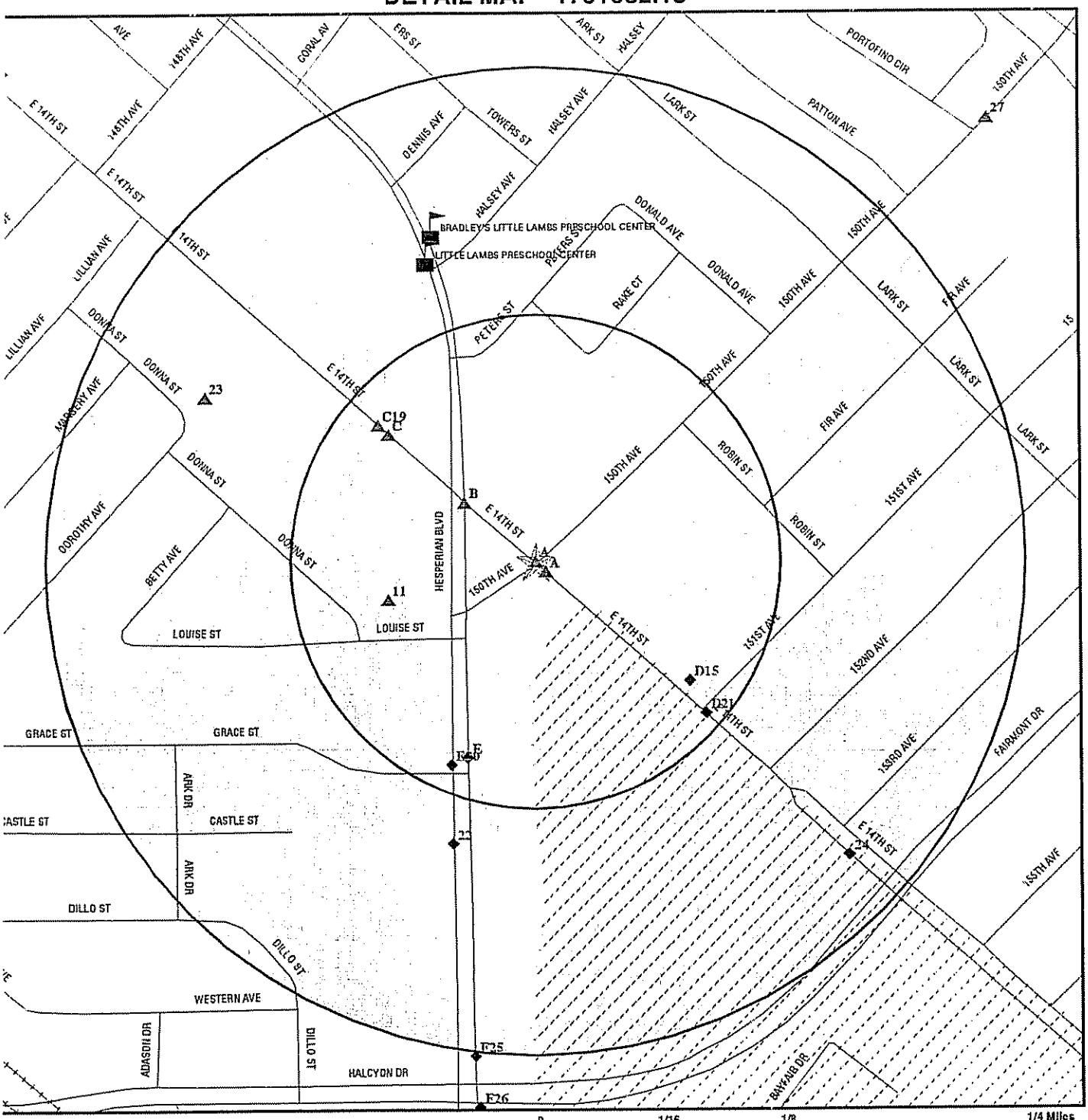
OVERVIEW MAP - 1731082.1s

0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

SITE NAME: Former Mobil Station 04-FGN ADDRESS: 14994 East 14th Street San Leandro CA 94578 LAT/LONG: 37.7058 / 122.1293	CLIENT: ETIC CONTACT: Bryan Campbell INQUIRY #: 1731082.1s DATE: August 08, 2006

DETAIL MAP - 1731082.1s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

SITE NAME: Former Mobil Station 04-FGN	CLIENT: ETIC
ADDRESS: 14994 East 14th Street	CONTACT: Bryan Campbell
San Leandro CA 94578	INQUIRY #: 1731082.1s
LAT/LONG: 37.7058 / 122.1293	DATE: August 08, 2006

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRA Sm. Quan. Gen.		0.250	1	2	NR	NR	NR	3
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		0.250	0	0	NR	NR	NR	0
MINES		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS								
STATE AND LOCAL RECORDS								
AWP		1.000	0	0	0	2	NR	2
Cal-Sites		1.000	0	0	0	2	NR	2
CA Bond Exp. Plan		1.000	0	0	0	1	NR	1
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese	X	0.500	4	0	7	NR	NR	11
SWRCY		0.500	0	0	0	NR	NR	0
LUST	X	0.500	4	0	9	NR	NR	13
CA FID UST		0.250	2	0	NR	NR	NR	2
SLIC		0.500	2	0	2	NR	NR	4
CS	X	0.500	2	0	7	NR	NR	9

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	X	0.250	3	0	NR	NR	NR	3
HIST UST		0.250	4	0	NR	NR	NR	4
AST		0.250	1	0	NR	NR	NR	1
SWEEPS UST		0.250	3	0	NR	NR	NR	3
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	1	0	1	1	NR	3
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	1	0	NR	NR	NR	1
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
ENVIROSTOR		1.000	0	0	0	3	NR	3
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target
Property

KUBO'S SERVICE CENTER
14994 E 14TH ST
SAN LEANDRO, CA 94578

HIST UST U001598518
CS N/A

Site 1 of 8 in cluster A

Actual:
42 ft.

Alameda County Contaminated Sites:
Record Id : RO0000422
PE : 5602
Status : Pollution Characterization

UST HIST:

Facility ID:	53161	Owner Name:	KUBO'S SERVICE CENTER
Total Tanks:	4	Region:	STATE
Owner Address:	18482 CENTER ST. CASTRO VALLEY, CA 94546		
Tank Used for:	PRODUCT	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	00006000	Tank Construction:	1/4 inches
Type of Fuel:	PREMIUM		
Leak Detection:	Stock Inventor	Telephone:	(415) 278-1420
Contact Name:	Not reported	Other Type:	Not reported
Facility Type:	Gas Station		
Facility ID:	53161	Owner Name:	KUBO'S SERVICE CENTER
Total Tanks:	4	Region:	STATE
Owner Address:	18482 CENTER ST. CASTRO VALLEY, CA 94546		
Tank Used for:	PRODUCT	Container Num:	2
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	00006000	Tank Construction:	1/4 inches
Type of Fuel:	REGULAR		
Leak Detection:	Stock Inventor	Telephone:	(415) 278-1420
Contact Name:	Not reported	Other Type:	Not reported
Facility Type:	Gas Station		
Facility ID:	53161	Owner Name:	KUBO'S SERVICE CENTER
Total Tanks:	4	Region:	STATE
Owner Address:	18482 CENTER ST. CASTRO VALLEY, CA 94546		
Tank Used for:	PRODUCT	Container Num:	3
Tank Num:	3	Year Installed:	1974
Tank Capacity:	00006000	Tank Construction:	1/4 inches
Type of Fuel:	UNLEADED		
Leak Detection:	Stock Inventor	Telephone:	(415) 278-1420
Contact Name:	Not reported	Other Type:	Not reported
Facility Type:	Gas Station		
Facility ID:	53161	Owner Name:	KUBO'S SERVICE CENTER
Total Tanks:	4	Region:	STATE
Owner Address:	18482 CENTER ST. CASTRO VALLEY, CA 94546		
Tank Used for:	WASTE	Container Num:	4
Tank Num:	4	Year Installed:	Not reported
Tank Capacity:	00000300	Tank Construction:	Not Reported
Type of Fuel:	WASTE OIL		
Leak Detection:	None	Telephone:	(415) 278-1420
Contact Name:	Not reported	Other Type:	Not reported
Facility Type:	Gas Station		

A2 Target Property — MOBIL, 14994 14TH ST E, SAN LEANDRO, CA 94578 — LUST — S104396778 / N/A

Site 2 of 8 in cluster A

Actual: 42 ft.

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0249		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000L		
Case Type:	Other ground water affected		
Status:	**Preliminary site assessment underway**		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	1990-03-28 00:00:00	Confirm Leak:	1990-03-28 00:00:00
Workplan:	1965-01-02 00:00:00	Prelim Assess:	1965-01-02 00:00:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	1986-12-22 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1987-10-29 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1990-03-28 00:00:00		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	1996-05-08 00:00:00		
Max MTBE GW :	6400 Parts per Billion		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	4452		
Beneficial:	Not reported		
Staff :	Not reported		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Alameda East Bay (2-		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	2001-03-08 00:00:00		
Stop Date :	1987-10-29 00:00:00		
Work Suspended :	No		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600100235		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	1		
Mtbe Fuel:	1		

S104396778

MOBIL (Continued)

Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : SOLVENTS: NEED MORE MWS. CURRENT MTBE DATE 1/14/00
LOP UPDATE--10/21/93. CURRENT MTBE DATE: 7/10/01

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-0989
Reg Board: San Francisco Bay Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Other ground water affected
Status: Post remedial action monitoring
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Review Date: 1993-04-23 00:00:00
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: 1997-10-21 00:00:00
Close Date: Not reported
Release Date: 1986-12-30 00:00:00
Cleanup Fund Id : Not reported
Discover Date : 1986-12-22 00:00:00
Enforcement Dt : 1993-04-27 00:00:00
Enf Type: EF
Enter Date : 1990-03-06 00:00:00
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : 1965-01-02 00:00:00
Max MTBE GW : 6200 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 014452
Beneficial: Not reported
Staff : Not reported
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Alameda East Bay (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2001-08-02 00:00:00
Stop Date : 1986-12-22 00:00:00
Work Suspended :No
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100912

Confirm Leak: 1993-04-23 00:00:00
Prelim Assess: Not reported
Remed Plan: Not reported

MOBIL (Continued) **S104396778**

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : SOLVENTS: NEED MORE MWS. CURRENT MTBE DATE 1/14/00
LOP UPDATE--10/21/93. CURRENT MTBE DATE: 7/10/01

LUST Region 2:

Region:	2
Case Number:	4452
Facility Id:	01-0249
Facility Status:	Preliminary site assessment underway
How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	3/28/1990
Prelim. Site Assesment Wokplan Submitted:	2/17/1988
Preliminary Site Assesment Began:	1/2/1965
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported
Region:	2
Case Number:	014452
Facility Id:	01-0989
Facility Status:	Post remedial action monitoring
How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	4/23/1993
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	10/21/1997

CORTESE:

Region:	CORTESE
Fac Address 2:	14994 14TH ST E

Region:	CORTESE
Fac Address 2:	14994 14TH ST E

A3 UNOCAL SERVICE STATION #3292 HIST UST U001598492
SE 15005 E 14TH ST SWEEPS UST N/A
< 1/8 SAN LEANDRO, CA 94577
25 ft.

Site 3 of 8 in cluster A

Relative: Equal

Actual: 42 ft.

UST HIST:

Facility ID:	31711	Owner Name:	UNION OIL CO.
Total Tanks:	3	Region:	STATE
Owner Address:	1 CALIFORNIA ST SUITE 2700 SAN FRANCISCO, CA 94111		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	3292-1-1
Tank Capacity:	00010000	Year Installed:	1966
Type of Fuel:	UNLEADED	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor		
Contact Name:	JOHNNY Y S. MUI	Telephone:	(415) 276-0179
Facility Type:	Gas Station	Other Type:	Not reported

Facility ID:	31711	Owner Name:	UNION OIL CO.
Total Tanks:	3	Region:	STATE
Owner Address:	1 CALIFORNIA ST. SUITE 2700 SAN FRANCISCO, CA 94111		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	3291-2-1
Tank Capacity:	00010000	Year Installed:	1966
Type of Fuel:	PREMIUM	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor		
Contact Name:	JOHNNY Y S. MUI	Telephone:	(415) 276-0179
Facility Type:	Gas Station	Other Type:	Not reported

Facility ID:	31711	Owner Name:	UNION OIL CO.
Total Tanks:	3	Region:	STATE
Owner Address:	1 CALIFORNIA ST. SUITE 2700 SAN FRANCISCO, CA 94111		
Tank Used for:	WASTE		
Tank Num:	3	Container Num:	3292-4-1
Tank Capacity:	00000280	Year Installed:	Not reported
Type of Fuel:	WASTE OIL	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor		
Contact Name:	JOHNNY Y S. MUI	Telephone:	(415) 276-0179
Facility Type:	Gas Station	Other Type:	Not reported

SWEEPS:

Status :	A
Comp Number :	31711
Number :	1
Board Of Equalization :	44-001057
Ref Date :	06-22-93
Act Date :	04-07-94
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	3292-22
Swrcb Tank Id :	01-000-031711-000001
Actv Date :	06-22-93
Capacity :	12000
Tank Use :	M.V. FUEL
Stg :	P
Content :	PRM UNLEADED
Number Of Tanks :	3

UNOCAL SERVICE STATION #3292 (Continued) **U001598492**

Status :	A
Comp Number :	31711
Number :	1
Board Of Equalization :	44-001057
Ref Date :	06-22-93
Act Date :	04-07-94
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	3292-11
Swrcb Tank Id :	01-000-031711-000002
Actv Date :	06-22-93
Capacity :	12000
Tank Use :	M V. FUEL
Stg :	P
Content :	REG UNLEADED
Number Of Tanks :	Not reported

Status :	A
Comp Number :	31711
Number :	1
Board Of Equalization :	44-001057
Ref Date :	06-22-93
Act Date :	04-07-94
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	3292-34
Swrcb Tank Id :	01-000-031711-000003
Actv Date :	06-22-93
Capacity :	500
Tank Use :	OIL
Stg :	W
Content :	WASTE OIL
Number Of Tanks :	Not reported

A4 **UNION OIL SS# 3292** **HIST UST** **1000167165**
SE **15005 E 14TH ST** **N/A**
< 1/8 **SAN LEANDRO, CA 94577**
25 ft.

Site 4 of 8 in cluster A

Relative:
Equal

Actual:
42 ft.

UST HIST:

Facility ID:	60699	Owner Name:	UNION OIL CO.
Total Tanks:	1	Region:	STATE
Owner Address:	1 CALIFORNIA ST., SUITE 2700 SAN FRANCISCO, CA 94111		
Tank Used for:	WASTE		
Tank Num:	1	Container Num:	3292-10-1
Tank Capacity:	00000000	Year Installed:	1966
Type of Fuel:	Not reported	Tank Construction:	6 inches
Leak Detection:	Visual		
Contact Name:	JOHNNY Y. S. MUI	Telephone:	(415) 276-0179
Facility Type:	Gas Station	Other Type:	Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
A5 SE < 1/8 25 ft.	UNOCAL 3292 15005 E. 14TH ST. SAN LEANDRO, CA 94578	UST	U003776448 N/A

Site 5 of 8 in cluster A

Relative: Equal

Actual: 42 ft.

State UST:
Facility ID: 01-000-031711
Region: STATE
Local Agency: 01000L

Facility ID: 01-000-031711
Region: STATE
Local Agency: 01000L

A6 SE < 1/8 39 ft.	CHAUS BAYFAIR 76 15008 E 14TH ST SAN LEANDRO, CA 94578	HAZNET CS	S102426552 N/A

Site 6 of 8 in cluster A

Relative: Equal

Actual: 42 ft.

Alameda County Contaminated Sites:
Record Id : RO0000366
PE : 5602
Status : Pollution Characterization

HAZNET:
Gepaid: CAL000080003
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: 3753
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: DAVID CHAU
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 15008 E 14TH ST
SAN LEANDRO, CA 94578
County 1

Gepaid: CAL000080003
TSD EPA ID: CAD083166728
Gen County: 1
Tsd County: Stanislaus
Tons: 5.9422
Facility Address 2: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: DAVID CHAU
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 15008 E 14TH ST
SAN LEANDRO, CA 94578
County 1

A7 **BAYFAIR 76 #253292** UST U003996101
SE **15008 14TH ST** N/A
< 1/8 **SAN LEANDRO, CA**
39 ft.

Site 7 of 8 in cluster A

Relative: Equal

Actual: 42 ft.

UST Alameda County:

Region :	ALAMEDA
Facility Status :	Active
Inspection Dt:	6/15/2006
Owner Name :	SUNCOR HOLDINGS, COP II LLC
Description :	UST - 3

A8 **UNOCAL** LUST S104396780
SE **15008 14TH ST E** Cortese N/A
< 1/8 **SAN LEANDRO, CA 94578**
39 ft.

Site 8 of 8 in cluster A

Relative: Equal

Actual: 42 ft.

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1575		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000L		
Case Type:	Other ground water affected		
Status:	**Pollution Characterization**		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants		
Review Date:	1991-04-26 00:00:00	Confirm Leak:	1991-04-26 00:00:00
Workplan:	1991-05-04 00:00:00	Prelim Assess:	1991-05-04 00:00:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	1991-03-19 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1991-03-19 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1991-04-26 00:00:00		
Funding:	Federal Funds		
Staff Initials:	AG		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	1965-01-02 00:00:00		
Max MTBE GW :	3630 Parts per Billion		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	RO0000366		
Beneficial:	Not reported		
Staff :	Not reported		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		

UNOCAL (Continued) **S104396780**

Hydr Basin #: Alameda East Bay (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2001-08-02 00:00:00
Stop Date : 1991-03-19 00:00:00
Work Suspended :No
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101450
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 10/23 QR. MTBE SPIKES AND BENZENE COC 12/28/99. CONTAMINATION MAYBE FROM OFFSITE SOURCE. QUARTERLY SUMMARY REPORT.

LUST Region 2:

Region:	2
Case Number:	2400
Facility Id:	01-1575
Facility Status:	Pollution Characterization
How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	4/26/1991
Prelim. Site Assesment Wokplan Submitted:	3/19/1991
Preliminary Site Assesment Began:	5/4/1991
Pollution Characterization Began:	7/24/1992
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

CORTESE:

Region:	CORTESE
Fac Address 2:	15008 14TH ST E

B9 **QUALITY TUNE UP** **HIST UST** **U001598454**
NW **14901 E 14TH ST** **N/A**
< 1/8 **SAN LEANDRO, CA 94577**
248 ft.

Site 1 of 2 in cluster B

Relative:
Higher

Actual:
43 ft.

UST HIST:

Facility ID:	53911	Owner Name:	BASIC TUNE UP INC
Total Tanks:	1	Region:	STATE
Owner Address:	2142 THE ALAMEDA SAN JOSE, CA 95126		
Tank Used for:	WASTE		
Tank Num:	1	Container Num:	01
Tank Capacity:	00000000	Year Installed:	Not reported
Type of Fuel:	WASTE OIL	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	FRANKLIN JACINTO	Telephone:	(408) 985-8863
Facility Type:	Other	Other Type:	AUTO SVC

B10 **QUALITY TUNE UP** **LUST** **S105035706**
NW **14901 14TH ST E** **Cortese** **N/A**
< 1/8 **SAN LEANDRO, CA 94578**
248 ft.

Site 2 of 2 in cluster B

Relative:
Higher

Actual:
43 ft.

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-2355		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01007		
Case Type:	Other ground water affected		
Status:	**Pollution Characterization**		
Review Date:	1998-08-24 00:00:00	Confirm Leak:	1998-08-24 00:00:00
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	1998-08-24 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1998-08-24 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1998-08-24 00:00:00		
Funding:	Federal Funds		
Staff Initials:	SP		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	UNK		
Leak Source:	UNK		
MTBE Date :	2001-02-01 00:00:00		
Max MTBE GW :	5 Parts per Billion		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	01-2355		
Beneficial:	Not reported		
Staff :	Not reported		
GW Qualifier :	<		
Max MTBE Soil :	5 Parts per Million		
Soil Qualifier :	<		
Hydr Basin #:	Alameda East Bay (2-		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	2001-02-01 00:00:00		
Stop Date :	1998-08-24 00:00:00		
Work Suspended :	No		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600102165		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	2		
Mtbe Fuel:	1		
Water System Name:	Not reported		

QUALITY TUNE UP (Continued) **S105035706**

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : NEW CASE PER CITY OF SAN LEANDRO UPDATE - 8/98

LUST Region 2:

Region:	2
Case Number:	01-2355
Facility Id:	01-2355
Facility Status:	Pollution Characterization
How Discovered:	TC
Leak Cause:	UNK
Leak Source:	UNK
Oversight Program:	LUST
Date Leak Confirmed:	8/24/1998
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	8/24/1998
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

CORTESE:

Region:	CORTESE
Fac Address 2:	14901 14TH ST E

11
WSW
< 1/8
409 ft.

QUALITY TUNE UP **CA FID UST S101624133**
14901 E 014TH ST **SWEEPS UST N/A**
SAN LEANDRO, CA 94577

Relative:
Equal

Actual:
42 ft.

FID:

Facility ID:	01003012	Regulate ID:	00053911
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported 2142 THE ALAMEDA SAN LEANDRO, CA 94577		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

SWEEPS:

Status :	A
Comp Number :	53911
Number :	9
Board Of Equalization :	44-000519
Ref Date :	07-05-88
Act Date :	07-05-88
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	1
Swrcb Tank Id :	01-007-053911-000001
Actv Date :	07-05-88
Capacity :	200
Tank Use :	OIL

QUALITY TUNE UP (Continued) S101624133

Stg : W
Content : WASTE OIL
Number Of Tanks : 1

C12 **SCR-EDEN CENTER** HAZNET S103962361
NW **14883 14TH** Cortese N/A
< 1/8 **SAN LEANDRO, CA 94578**
522 ft.

Site 1 of 4 in cluster C

Relative: Higher

Actual: 43 ft.

HAZNET:
Gepaid: CAC001253040
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: 9.0000
Facility Address 2: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Contact: CORPORATION
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 1051 MACARTHUR BLVD
SAN LEANDRO, CA 94577 - 3095
County 1

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

C13 **EDEN CENTER** SLIC S105937607
NW **14883 E 14TH ST** N/A
< 1/8 **SAN LEANDRO, CA**
522 ft.

Site 2 of 4 in cluster C

Relative: Higher

Actual: 43 ft.

CA STATE SLIC :
Global Id : SL18342762
Region : STATE
Assigned Name : SLICSITE
Lead Agency Contact : UNASSIGNED
Lead Agency : SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number : 01S0446
Responsible Party : EDEN CENTER PARTNERS
Recent Dtw : Not reported
Facility Status : Verification Monitoring Underway
Substance Released : VOC

SLIC Region 2:
Facility ID: 01S0446
Region: 2
Facility Status: 8
Date Closed: Not reported
Local Case #: Not reported
How Discovered : UNK
Leak Cause : Not reported
Leak Source : Not reported
Date Confirmed : Not reported
Date Prelim Site Assmnt Workplan Submitted :Not reported

EDEN CENTER (Continued) S105937607

Date Preliminary Site Assessment Began : Not reported
Date Pollution Characterization Began : Not reported
Date Remediation Plan Submitted : Not reported
Date Remedial Action Underway : Not reported
Date Post Remedial Action Monitoring Began : Not reported

C14 **SWISS CLEANERS** RCRA-SQG 1000857726
NW **14883 E 14TH ST** FINDS CAD983671710
< 1/8 **SAN LEANDRO, CA 94578** HAZNET
522 ft. CLEANERS
EMI

Site 3 of 4 in cluster C

Relative: Higher

Actual: 43 ft.

RCRAInfo:
Owner: JAE CHO
(510) 727-1454
EPA ID: CAD983671710

Contact: JAE CHO
(510) 483-7116

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CA Cleaners:
Inactive Date: 1/1/1900
EPA Id: CAL000006187
Facility Address 2 : Not reported
NAICS Code : Not reported
Facility Active : No
Mail Name : Not reported
Mailing Address: 14883 EAST 14TH STREET
SAN LEANDRO, CA 94578
Owner Name : JAY YUNG CHU
Mailing Address: –
–, 99 –
Owner Telephone : 0000000000
Contact Name : INACTIVE/VALID #CAL000036128
Mailing Address: PER JAY YUNG CHU
–, 99 –
Contact Telephone : 5104837116
Region Code : 2
Create Date : 11/14/1989
SIC Description : Not reported
NAICS Description : Not reported

Inactive Date: 6/30/1998
EPA Id: CAL000036128
Facility Address 2 : Not reported
NAICS Code : Not reported
Facility Active : No
Mail Name : Not reported

SWISS CLEANERS (Continued) **1000857726**

Mailing Address:	14883 E 14TH ST
	SAN LEANDRO, CA 94578
Owner Name :	CHO JAE
Mailing Address:	14883 E 14TH ST
	SAN LEANDRO, CA --
Owner Telephone :	0000000000
Contact Name :	INACTIVE PER 95 FEE FORM
Mailing Address:	UNDERLIVERABLE PER 98VQ/DJ
	SAN LEANDRO, CA --
Contact Telephone :	5104837116
Region Code :	2
Create Date :	07/05/1990
SIC Description :	Not reported
NAICS Description :	Not reported
Inactive Date:	1/1/1900
EPA Id:	CAL000030925
Facility Address 2 :	Not reported
NAICS Code :	Not reported
Facility Active :	No
Mail Name :	Not reported
Mailing Address:	14883 E 14TH ST
	SAN LEANDRO, CA 94578
Owner Name :	CHO JAE Y
Mailing Address:	--
	--, 99 --
Owner Telephone :	0000000000
Contact Name :	INACTIVE/VALID #CAL000036128
Mailing Address:	PER JAE CHO 6/14/95
	--, 99 --
Contact Telephone :	--
Region Code :	2
Create Date :	05/16/1990
SIC Description :	Not reported
NAICS Description :	Not reported
Inactive Date:	6/30/1996
EPA Id:	CAD983671710
Facility Address 2 :	Not reported
NAICS Code :	Not reported
Facility Active :	No
Mail Name :	Not reported
Mailing Address:	14883 E 14TH ST
	SAN LEANDRO, CA 94578
Owner Name :	JAE CHO
Mailing Address:	22880 ALICE ST
	SAN LEANDRO, CA 94541
Owner Telephone :	5104837116
Contact Name :	JAE CHO
Mailing Address:	22880 ALICE ST
	SAN LEANDRO, CA 94541
Contact Telephone :	5104837116
Region Code :	0
Create Date :	12/08/1995
SIC Description :	Not reported
NAICS Description :	Not reported

SWISS CLEANERS (Continued) **1000857726**

Inactive Date: 1/1/1900
EPA Id: CAL000023958
Facility Address 2 : Not reported
NAICS Code : Not reported
Facility Active : No
Mail Name : Not reported
Mailing Address: 14883 E 14 ST
SAN LEANDRO, CA 94578
Owner Name : JAY YUNG CHO
Mailing Address: 14883 E 14 ST
SAN LEANDRO, CA 94578
Owner Telephone : 0000000000
Contact Name : INACTIVE/VALID #CAL00036128
Mailing Address: PER JAE YUNG CHO
SAN LEANDRO, CA 94578
Contact Telephone : 5104837116
Region Code : 2
Create Date : 05/09/1990
SIC Description : Not reported
NAICS Description : Not reported

HAZNET:
Gepaid: CAL000036128
TSD EPA ID: CAD053044053
Gen County: 1
Tsd County: 1
Tons: .5700
Facility Address 2: Not reported
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHO JAE
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 14883 E 14TH ST
SAN LEANDRO, CA 94578 - 2921
County 1

Gepaid: CAL000036128
TSD EPA ID: CAD053044053
Gen County: 1
Tsd County: 1
Tons: .4425
Facility Address 2: Not reported
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHO JAE
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 14883 E 14TH ST
SAN LEANDRO, CA 94578 - 2921
County 1

SWISS CLEANERS (Continued) **1000857726**

Gepaid: CAL000036128
TSD EPA ID: CAD053044053
Gen County: 1
Tsd County: 1
Tons: .4500
Facility Address 2: Not reported
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHO JAE
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 14883 E 14TH ST
SAN LEANDRO, CA 94578 - 2921
County 1

Gepaid: CAL000036128
TSD EPA ID: CAD053044053
Gen County: 1
Tsd County: 1
Tons: .4425
Facility Address 2: Not reported
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: CHO JAE
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 14883 E 14TH ST
SAN LEANDRO, CA 94578 - 2921
County 1

EMISSIONS :

Year :	1990
Facility ID :	4381
Air District Code :	BA
SIC Code :	7216
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	1
County ID :	1
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	0
Part Matter 10 Micrometers and Smaller Tons/Yr :	0

D15 **UNOCAL #3292** **Notify 65** **S100179595**
SE **15008 E. 14TH ST.** **N/A**
< 1/8 **SAN LEANDRO, CA 92584**
525 ft.

Site 1 of 2 in cluster D

Relative:
Lower

Actual:
38 ft.

UNOCAL #3292 (Continued) **S100179595**

NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92584

E16 **CHEVRON** **LUST** **S101579993**
SSW **15002 HESPERIAN BLVD** **Cortese** **N/A**
< 1/8 **SAN LEANDRO, CA 94578** **CA FID UST**
555 ft. **CS**
SWEEPS UST

Site 1 of 4 in cluster E

Relative:
Lower

Actual:
38 ft.

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-0326
Reg Board: San Francisco Bay Region
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Other ground water affected
Status: **Case Closed**
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 1993-02-05 00:00:00 Confirm Leak: 1993-02-05 00:00:00
Workplan: 1983-11-07 00:00:00 Prelim Assess: 1983-11-07 00:00:00
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1999-07-27 00:00:00
Release Date: 1984-04-17 00:00:00
Cleanup Fund Id : Not reported
Discover Date : 1984-04-17 00:00:00
Enforcement Dt : 1993-02-05 00:00:00
Enf Type: EF
Enter Date : 1993-02-05 00:00:00
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : 1998-08-12 00:00:00
Max MTBE GW : 64 Parts per Billion
MTBE Tested: MTBE Detected Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 770
Beneficial: Not reported
Staff : Not reported
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Alameda East Bay (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 1999-10-01 00:00:00
Stop Date : 1984-04-17 00:00:00

CHEVRON (Continued) **S101579993**

Work Suspended :No
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100299
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : CURRENT MTBE DATE: 8/12/98. MAXGW = GASOLINE. DATA FROM CC SUMMARY OUTDATED - 4/14/99. MAXSOIL=BIS(2-ETHYLHEXYL-PHTHALATE) FROM HOIST/CLARIFIER. ACHD REQ CC 4/14/99. CASE CLOSURE REQUEST HAD MISSING DOCUMENTS 3/12/99.

LUST Region 2:

Region:	2
Case Number:	770
Facility Id:	01-0326
Facility Status:	Case Closed
How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	2/5/1993
Prelim. Site Assesment Wokplan Submitted:	12/8/1987
Preliminary Site Assesment Began:	11/7/1983
Pollution Characterization Began:	5/25/1988
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

Alameda County Contaminated Sites:

Record Id :	RO0000950
PE :	5602
Status :	Case Closed

CORTESE:

Region:	CORTESE
Fac Address 2:	15002 HESPERIAN BLVD

FID:

Facility ID:	01000458	Regulate ID:	00062182
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported 15002 HESPERIAN BLVD SAN LEANDRO, CA 94578		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

SWEEPS:

Status :	A

CHEVRON (Continued) **S101579993**

Comp Number : 62182
Number : 9
Board Of Equalization : 44-001176
Ref Date : 07-12-89
Act Date : 07-12-89
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 1
Swrcb Tank Id : 01-007-062182-000001
Actv Date : 07-12-89
Capacity : 1000
Tank Use : OIL
Stg : W
Content : Not reported
Number Of Tanks : 4

Status : A
Comp Number : 62182
Number : 9
Board Of Equalization : 44-001176
Ref Date : 07-12-89
Act Date : 07-12-89
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 2
Swrcb Tank Id : 01-007-062182-000002
Actv Date : 07-12-89
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 62182
Number : 9
Board Of Equalization : 44-001176
Ref Date : 07-12-89
Act Date : 07-12-89
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 3
Swrcb Tank Id : 01-007-062182-000003
Actv Date : 07-12-89
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : Not reported
Number Of Tanks : Not reported

Status : A
Comp Number : 62182
Number : 9
Board Of Equalization : 44-001176
Ref Date : 07-12-89
Act Date : 07-12-89
Created Date : 02-29-88

CHEVRON (Continued) **S101579993**

Tank Status : A
Owner Tank Id : 4
Swrcb Tank Id : 01-007-062182-000004
Actv Date : 07-12-89
Capacity : 10000
Tank Use : M V FUEL
Stg : P
Content : LEADED
Number Of Tanks : Not reported

E17 **92013** **HIST UST** **U001598498**
SSW **15002 HESPERIAN BLVD** **N/A**
< 1/8 **SAN LEANDRO, CA 94578**
555 ft.

Site 2 of 4 in cluster E

Relative:
Lower

Actual:
38 ft.

UST HIST:

Facility ID:	62182	Owner Name:	CHEVRON U.S.A. INC.
Total Tanks:	4	Region:	STATE
Owner Address:	575 MARKET SAN FRANCISCO, CA 94105		
Tank Used for:	WASTE		
Tank Num:	1	Container Num:	1
Tank Capacity:	00001000	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	0000370 unknown
Leak Detection:	Stock Inventor		
Contact Name:	VARGAS, RICHARD A	Telephone:	(415) 276-6610
Facility Type:	Gas Station	Other Type:	Not reported

Facility ID:	62182	Owner Name:	CHEVRON U.S.A. INC.
Total Tanks:	4	Region:	STATE
Owner Address:	575 MARKET SAN FRANCISCO, CA 94105		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	2
Tank Capacity:	00010000	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	0000370 unknown
Leak Detection:	Stock Inventor		
Contact Name:	VARGAS, RICHARD A	Telephone:	(415) 276-6610
Facility Type:	Gas Station	Other Type:	Not reported

Facility ID:	62182	Owner Name:	CHEVRON U.S.A. INC.
Total Tanks:	4	Region:	STATE
Owner Address:	575 MARKET SAN FRANCISCO, CA 94105		
Tank Used for:	PRODUCT		
Tank Num:	3	Container Num:	3
Tank Capacity:	00010000	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	0000370 unknown
Leak Detection:	Stock Inventor		
Contact Name:	VARGAS, RICHARD A	Telephone:	(415) 276-6610
Facility Type:	Gas Station	Other Type:	Not reported

Facility ID:	62182	Owner Name:	CHEVRON U.S.A. INC.
Total Tanks:	4	Region:	STATE
Owner Address:	575 MARKET SAN FRANCISCO, CA 94105		
Tank Used for:	PRODUCT		
Tank Num:	4	Container Num:	4

92013 (Continued) — U001598498

Tank Capacity:	00010000	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	0000370 unknown
Leak Detection:	Stock Inventor		
Contact Name:	VARGAS, RICHARD A	Telephone:	(415) 276-6610
Facility Type:	Gas Station	Other Type:	Not reported

E18 — **BAYFAIR CHEVRON I** — UST — U003776628
SSW — **15002 HESPERIAN BLVD.** — N/A
< 1/8 — **SAN LEANDRO, CA 94578**
555 ft.

Site 3 of 4 in cluster E

Relative: Lower

State UST:

Facility ID:	01-007-015018
Region:	STATE
Local Agency:	San Leandro, Alameda County

Actual: 38 ft.

C19 — **NELLA OIL SITE** — LUST — S106162638
NW — **14880 E. 14TH STREET** — N/A
< 1/8 — **SAN LEANDRO, CA 94568**
560 ft.

Site 4 of 4 in cluster C

Relative: Higher

State LUST:

Cross Street:	BANCROFT		
Qty Leaked:	Not reported		
Case Number	01-3535		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01007		
Case Type:	Other ground water affected		
Status:	**Case Closed**		
Review Date:	2001-07-18 00:00:00	Confirm Leak:	2001-07-18 00:00:00
Workplan:	2004-01-19 00:00:00	Prelim Assess:	2004-01-19 00:00:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	2004-07-12 00:00:00		
Close Date:	2006-05-12 00:00:00		
Release Date:	2001-07-10 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	2001-07-10 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	KB		
How Discovered:	SAS		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	UNK		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	CS 10271		
Beneficial:	Not reported		

Actual: 43 ft.

NELLA OIL SITE (Continued) **S106162638**

Staff : CCM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : Not reported
Work Suspended :Not reported
Responsible PartySHELL OIL PRODUCTS US
RP Address: P.O. BOX 7869
Global Id: T0600132763
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

E20 **JIFFY LUBE #1158** **FINDS 1007678569**
SSW **15015 HESPERIAN BLVD** **HAZNET 110017964265**
< 1/8 **SAN LEANDRO, CA 94578** **AST**
588 ft.

Site 4 of 4 in cluster E

Relative:
Lower

Actual:
38 ft.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
UORS (California - Used Oil Recycling System). California Integrated Waste Management Board (CIWMB) helps communities establish and promote convenient collection opportunities for used oil and used oil filters.

HAZNET:
Gepaid: CAL000044685
TSD EPA ID: CAD009452657
Gen County: Alameda
Tsd County: Alameda
Tons: 4.37
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: KEN BARKER, HSSE COORDINATOR
Telephone: (713) 546-6604
Mailing Name: ENVIRON COORDNTR/5TH FLR
Mailing Address: PO BOX 4427
HOUSTON, TX 77210 - 4427
County 1

AST:
Owner: JIFFY LUBE INTERNATIONAL, INC.
Total Gallons: 5125

D21
SE
< 1/8
614 ft.

Relative:
Lower

Actual:
37 ft.

FAIRMONT SHOPPING CENTER
15065-15399 E. 14TH STREET
SAN LEANDRO, CA 94577

Site 2 of 2 in cluster D

SLIC **S107138704**
N/A

CA STATE SLIC :

Global Id :	SL0600151937
Region :	STATE
Assigned Name :	SLICSITE
Lead Agency Contact :	CHERIE MCCAULOU
Lead Agency :	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number :	Not reported
Responsible Party :	Not reported
Recent Dtw :	Not reported
Facility Status :	**Verification Monitoring Underway**
Substance Released :	8052413, MTBE

22
SSW
1/8-1/4
786 ft.

Relative:
Lower

Actual:
37 ft.

CHERRYBROOKE ESTATES
15041 HESPERIAN BLVD
SAN LEANDRO, CA 94577

RCRA-LQG **1007091402**
CAR000148916

RCRAInfo:
Owner: CHERRYBROOKE LP
EPA ID: CAR000148916
Contact: JOHN FORD
925-833-8022
Classification: Large Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

23
WNW
1/8-1/4
995 ft.

Relative:
Higher

Actual:
45 ft.

PACIFIC BELL
1381 LILLIAN ST
SAN LEANDRO, CA 94578

RCRA-SQG **1000251093**
FINDS **CAT080019243**

RCRAInfo:
Owner: THE PACIFIC TEL & TEL COMPANY
(415) 555-1212
EPA ID: CAT080019243
Contact: ENVIRONMENTAL MANAGER
(415) 954-9836
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA

Map ID / Direction / Distance / Distance (ft) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
24 SE 1/8-1/4 1153 ft.	**FOTOMAT CORP EB052** **15335 E 14TH ST** **SAN LEANDRO, CA 94577**	**RCRA-SQG** **FINDS**	**1000686189** **CAD983634247**

Relative:
Lower

Actual:
34 ft.

RCRAInfo:
Owner: FOTOMAT CORP
(203) 291-0100
EPA ID: CAD983634247
Contact: JASON SARET
(415) 358-1550
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID / Direction / Distance / Distance (ft) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
F25 South 1/4-1/2 1331 ft.	**TLC CLEANERS** **15070 HESPERIAN BLVD** **SAN LEANDRO, CA**	**SLIC**	**S106234895** **N/A**

Site 1 of 2 in cluster F

Relative:
Lower

Actual:
34 ft.

CA STATE SLIC :
Global Id : SL1823V1141
Region : STATE
Assigned Name : SLICSITE
Lead Agency Contact : UNASSIGNED
Lead Agency : SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number : 01S0544
Responsible Party : Not reported
Recent Dtw : Not reported
Facility Status : Verification Monitoring Underway
Substance Released : Not reported

SLIC Region 2:
Facility ID: 01S0544
Region: 2
Facility Status: 8
Date Closed: Not reported
Local Case #: Not reported
How Discovered : Not reported
Leak Cause : Not reported
Leak Source : Not reported
Date Confirmed : Not reported
Date Prelim Site Assmnt Workplan Submitted : Not reported
Date Preliminary Site Assessment Began : Not reported
Date Pollution Characterization Began : Not reported
Date Remediation Plan Submitted : Not reported
Date Remedial Action Underway : Not reported
Date Post Remedial Action Monitoring Began : Not reported

Map ID / Direction / Distance / Distance (ft) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
F26 South 1/4-1/2 1467 ft. Relative: Lower Actual: 34 ft.	USA PETROLEUM 15120 HEPERIAN BOULEVARD SAN LEANDRO, CA 92584 Site 2 of 2 in cluster F	Notify 65	U000056654 N/A

NOTIFY 65:

Date Reported:	Not reported	Staff Initials: Not reported
Board File Number:	Not reported	
Facility Type:	Not reported	
Discharge Date:	Not reported	
Incident Description:	92584	

Map ID / Direction / Distance / Distance (ft) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
27 NE 1/4-1/2 1696 ft. Relative: Higher Actual: 50 ft.	SHELL 1784 150TH AVE SAN LEANDRO, CA 94578	HAZNET LUST CHMIRS Cortese CA FID UST CS SWEEPS UST	S101580132 N/A

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1335		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000L		
Case Type:	Other ground water affected		
Status:	**Preliminary site assessment underway**		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	1989-08-30 00:00:00	Confirm Leak:	1989-08-30 00:00:00
Workplan:	1990-03-05 00:00:00	Prelim Assess:	1990-03-05 00:00:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	1986-11-10 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1986-11-10 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1989-08-30 00:00:00		
Funding:	Federal Funds		
Staff Initials:	JTW		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	1965-01-02 00:00:00		
Max MTBE GW :	6190 Parts per Billion		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	768		
Beneficial:	Not reported		
Staff :	Not reported		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		

SHELL (Continued) **S101580132**

Soil Qualifier : Not reported
Hydr Basin #: UNNAMED BASIN
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2001-08-28 00:00:00
Stop Date : 1989-10-17 00:00:00
Work Suspended :No
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101230
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 1,2-DCA & PCE GW,1/15QR. SUBSURFACE INVESTIGATION IN PROGRESS - 11/9/98.

LUST Region 2:
Region: 2
Case Number: 768
Facility Id: 01-1335
Facility Status: Preliminary site assessment underway
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: 8/30/1989
Prelim. Site Assesment Wokplan Submitted: 2/23/1990
Preliminary Site Assesment Began: 3/5/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Alameda County Contaminated Sites:
Record Id : RO0000367
PE : 5602
Status : Pollution Characterization

HAZNET:
Gepaid: CAL000005747
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: San Mateo
Tons: 0.37
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: BHUSHAN BANSAL/VP
Telephone: (510) 276-6556
Mailing Name: Not reported
Mailing Address: 1784 150TH AVE
SAN LEANDRO, CA 94578 - 1826
County Not reported

SHELL (Continued) **S101580132**

Gepaid: CAL000005747
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: .7088
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 1784 150TH AVE
SAN LEANDRO. CA 94578 - 1826
County 1

Gepaid: CAL000005747
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: 0.8131
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 1784 150TH AVE
SAN LEANDRO, CA 94578 - 1826
County 1

Gepaid: CAL000005747
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: .8340
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 1784 150TH AVE
SAN LEANDRO, CA 94578 - 1826
County 1

Gepaid: CAL000005747
TSD EPA ID: CAD009452657
Gen County: Alameda
Tsd County: Alameda
Tons: 0 83
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: BHUSHAN BANSAL/VP
Telephone: (510) 276-6556
Mailing Name: Not reported
Mailing Address: 1784 150TH AVE
SAN LEANDRO, CA 94578 - 1826

SHELL (Continued) **S101580132**

County 1

Click this hyperlink while viewing on your computer to access
5 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
Region: CORTESE
Fac Address 2: 1784 150TH AVE

CHMIRS:

OES Control Number:	00-1014
Extent of Release:	Not reported
Property Use:	Not reported
Incident Date:	Not reported
Date Completed: Not reported	
Time Completed :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	00-1014
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	Yes
Waterway :	Storm Drain
Spill Site :	Not reported
Cleanup By :	Fire Dept.
Containment :	Not reported
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Substance :	Gasoline
Quantity Released :	
E Date :	Not reported
Contained :	Yes
Site Type :	Service Station
Evacuations :	0

SHELL (Continued) **S101580132**

Num Of Injuries :	0
Num Of Fatalities :	0
Date/Time :	Not reported
Year :	2000
Agency :	Alameda Co FD
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	5
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0
Description :	While filling an under ground gas tank approx 5 gallons of gas leaked and reached the stoem drain.
Incident date :	3/2/200012:00:00 AM
Admin Agency :	San Leandro Fire Department
OES date :	Not reported
OES time :	Not reported
OES notification :	3/2/200012:42:58 PM
Amount :	Not reported

FID:

Facility ID:	01001447	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 276-6556
Mail To:	Not reported P O BOX SAN LEANDRO, CA 94578		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

SWEEPS:

Status :	A
Comp Number :	201
Number :	1
Board Of Equalization :	44-000074
Ref Date :	02-07-94
Act Date :	05-03-94
Created Date :	03-14-91
Tank Status :	A
Owner Tank Id :	6852-14-REG-1
Swrcb Tank Id :	01-000-000201-000001
Actv Date :	02-07-94
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	P
Content :	REG UNLEADED
Number Of Tanks :	4

SHELL (Continued) **S101580132**

Status : A
Comp Number : 201
Number : 1
Board Of Equalization : 44-000074
Ref Date : 02-07-94
Act Date : 05-03-94
Created Date : 03-14-91
Tank Status : A
Owner Tank Id : 6852-14-PRE-1
Swrcb Tank Id : 01-000-000201-000002
Actv Date : 02-07-94
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : PRM UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 201
Number : 1
Board Of Equalization : 44-000074
Ref Date : 02-07-94
Act Date : 05-03-94
Created Date : 03-14-91
Tank Status : A
Owner Tank Id : 6852-14-PL-1
Swrcb Tank Id : 01-000-000201-000003
Actv Date : 02-07-94
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 201
Number : 1
Board Of Equalization : 44-000074
Ref Date : 02-07-94
Act Date : 05-03-94
Created Date : 03-14-91
Tank Status : A
Owner Tank Id : 6852-14-WO-1
Swrcb Tank Id : 01-000-000201-000004
Actv Date : 02-07-94
Capacity : 550
Tank Use : OIL
Stg : W
Content : WASTE OIL
Number Of Tanks : Not reported

G28
South
1/4-1/2
1838 ft.

Relative:
Lower

Actual:
33 ft.

USA PETROLEUM
15120 HESPERIAN BLVD
SAN LEANDRO, CA 94578

Site 1 of 4 in cluster G

Database(s): LUST, Cortese, CA FID UST, CS, SWEEPS UST

EDR ID Number: S101624171
EPA ID Number: N/A

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1626		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000L		
Case Type:	Soil only		
Status:	**Case Closed**		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	1989-06-15 00:00:00	Confirm Leak:	1989-06-15 00:00:00
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1997-12-22 00:00:00		
Release Date:	1987-03-13 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1987-03-13 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1989-06-15 00:00:00		
Funding:	Federal Funds		
Staff Initials:	AG		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE Includes Unknown and Not Analyzed		
Priority:	Not reported		
Local Case # :	1331		
Beneficial:	Not reported		
Staff :	Not reported		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Alameda East Bay (2-		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	1997-12-29 00:00:00		
Stop Date :	1987-03-13 00:00:00		
Work Suspended :	No		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101501		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	1		

USA PETROLEUM (Continued) **S101624171**

Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 77PPM BENZ SOIL. REQ. CASE CLOSURE 10/17/97 . . . CLOSED 12/22/97

LUST Region 2:

Region:	2
Case Number:	1331
Facility Id:	01-1626
Facility Status:	Case Closed
How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	6/15/1989
Prelim. Site Assesment Wokplan Submitted:	1/1/1990
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

Alameda County Contaminated Sites:

Record Id :	RO0000705
PE :	5602
Status :	Case Closed

CORTESE:

Region:	CORTESE
Fac Address 2:	15120 Hesperian Blvd

FID:

Facility ID:	01001741	Regulate ID:	00002053
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	Not reported
Mail To:	Not reported P O BOX SAN LEANDRO, CA 94578		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

SWEEPS:

Status :	Not reported
Comp Number :	2053
Number :	Not reported
Board Of Equalization :	44-001047
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-007-002053-000001
Actv Date :	Not reported
Capacity :	10000

USA PETROLEUM (Continued) S101624171

Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	REG UNLEADED
Number Of Tanks :	3
Status :	Not reported
Comp Number :	2053
Number :	Not reported
Board Of Equalization :	44-001047
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-007-002053-000002
Actv Date :	Not reported
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	LEADED
Number Of Tanks :	Not reported
Status :	Not reported
Comp Number :	2053
Number :	Not reported
Board Of Equalization :	44-001047
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-007-002053-000003
Actv Date :	Not reported
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	REG UNLEADED
Number Of Tanks :	Not reported

G29 **PACIFIC BELL** RCRA-SQG 1000250848
South **15125 HESPERIAN BOULEVARD** FINDS CAT080015738
1/4-1/2 **SAN LEANDRO, CA 94578** HAZNET
1873 ft. LUST
Site 2 of 4 in cluster G UST
Relative: CA FID UST
Lower HIST UST
EMI
Actual: SWEEPS UST
33 ft.

PACIFIC BELL (Continued) **1000250848**

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT080015738

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

State LUST:

Cross Street:	RUTH COURT		
Qty Leaked:	Not reported		
Case Number	01-3536		
Reg Board:	San Francisco Bay Region		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	01007		
Case Type:	Undefined		
Status:	**Case Closed**		
Review Date:	2004-01-26 00:00:00	Confirm Leak:	2004-01-26 00:00:00
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	2005-10-25 00:00:00		
Close Date:	2006-05-12 00:00:00		
Release Date:	2004-01-26 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	2004-01-26 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	KB		
How Discovered:	Tank Closure		
How Stopped:	New Tank		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	UNK		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	CS10281		
Beneficial:	Not reported		

PACIFIC BELL (Continued) **1000250848**

Staff : CCM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : 2004-01-20 00:00:00
Work Suspended :Not reported
Responsible PartyANDY TAYLOR
RP Address: PO BOX 5095, ROOM 3E000P
Global Id: T0600156445
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

HAZNET:
Gepaid: CAT080015738
TSD EPA ID: CAD980887418
Gen County: 1
Tsd County: 1
Tons: .5838
Facility Address 2: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Name: Not reported
Mailing Address: RM 3E000
SAN RAMON, CA 94583 - 0995
County 1

Gepaid: CAT080015738
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: San Mateo
Tons: 0.22
Facility Address 2: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: SHARON BAYLE/STAFF ASSOC
Telephone: (925) 867-5741
Mailing Name: Not reported
Mailing Address: PO BOX 5095
SAN RAMON, CA 94583 - 0995
County Not reported

PACIFIC BELL (Continued) **1000250848**

Gepaid: CAT080015738
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: San Mateo
Tons: 0.22
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: SHARON BAYLE/STAFF ASSOC
Telephone: (925) 867-5741
Mailing Name: Not reported
Mailing Address: PO BOX 5095
SAN RAMON, CA 94583 - 0995
County Not reported

Gepaid: CAT080015738
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: Alameda
Tons: 1.68
Facility Address 2: Not reported
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: SHARON BAYLE/STAFF ASSOC
Telephone: (925) 867-5741
Mailing Name: Not reported
Mailing Address: PO BOX 5095
SAN RAMON, CA 94583 - 0995
County Not reported

Gepaid: CAT080015738
TSD EPA ID: CAD004771168
Gen County: 1
Tsd County: San Francisco
Tons: 25.0200
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Name: Not reported
Mailing Address: RM 3E000
SAN RAMON, CA 94583 - 0995
County 1

Click this hyperlink while viewing on your computer to access
5 additional CA HAZNET record(s) in the EDR Site Report.

PACIFIC BELL (Continued) **1000250848**

FID:

Facility ID:	01003013	Regulate ID:	00057719
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 522-7324
Mail To:	Not reported 15125 HESPERIAN BLVD SAN LEANDRO. CA 94578		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	57719	Owner Name:	PACIFIC BELL
Total Tanks:	1	Region:	STATE
Owner Address:	370 THIRD STREET SAN FRANCISCO, CA 94107		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	1
Tank Capacity:	00006000	Year Installed:	1974
Type of Fuel:	DIESEL	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	E.J.KOEHLER	Telephone:	(415) 542-6758
Facility Type:	Other	Other Type:	SIC 4800

SWEEPS:

Status :	A
Comp Number :	57719
Number :	1
Board Of Equalization :	44-001169
Ref Date :	09-08-89
Act Date :	09-08-89
Created Date :	02-29-88
Tank Status :	A
Owner Tank Id :	D-88-6K
Swrcb Tank Id :	01-007-057719-000001
Actv Date :	09-08-89
Capacity :	6000
Tank Use :	M.V. FUEL
Stg :	P
Content :	DIESEL
Number Of Tanks :	1

EMISSIONS :

Year :	2002
Facility ID :	13537
Air District Code :	BA
SIC Code :	4813
Air Basin :	SF
Air District Name :	BAY AREA AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	1
County ID :	1
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0

PACIFIC BELL (Continued) **1000250848**

Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2003
Facility ID : 13537
Air District Code : BA
SIC Code : 4813
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2004
Facility ID : 13537
Air District Code : BA
SIC Code : 4813
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0.013
Reactive Organic Gases Tons/Yr: 0.0108771
Carbon Monoxide Emissions Tons/Yr: 0.037
NOX - Oxides of Nitrogen Tons/Yr: 0.168
SOX - Oxides of Sulphur Tons/Yr: 0.003
Particulate Matter Tons/Yr : 0.012
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0.011712

State UST:
Facility ID: 01-007-015125
Region: STATE
Local Agency: San Leandro, Alameda County

G30 **ARCO #2162** **CS S105870976**
South **15135 HESPERIAN BLVD** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
1948 ft.

Site 3 of 4 in cluster G

Relative:
Lower

Actual:
33 ft.

Alameda County Contaminated Sites:
Record Id : RO0000190
PE : 5602
Status : Post remedial action monitoring

G31
South
1/4-1/2
1948 ft.

Relative:
Lower

Actual:
33 ft.

ARCO # 02162
15135 HESPERIAN BLVD
SAN LEANDRO, CA 94578

HAZNET **S102424074**
LUST **N/A**
Cortese
SWEEPS UST

Site 4 of 4 in cluster G

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0091		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000L		
Case Type:	Other ground water affected		
Status:	**Pollution Characterization**		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	1991-10-01 00:00:00	Confirm Leak:	1991-10-01 00:00:00
Workplan:	1993-05-10 00:00:00	Prelim Assess:	1993-05-10 00:00:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	1991-09-03 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1991-09-03 00:00:00		
Enforcement Dt :	1993-02-26 00:00:00		
Enf Type:	EF		
Enter Date :	1991-10-01 00:00:00		
Funding:	Federal Funds		
Staff Initials:	RWS		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	2001-06-20 00:00:00		
Max MTBE GW :	30 Parts per Billion		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	1259		
Beneficial:	Not reported		
Staff :	Not reported		
GW Qualifier :	=		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Alameda East Bay (2-		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	2001-07-13 00:00:00		
Stop Date :	1991-09-03 00:00:00		
Work Suspended :	No		
Responsible Party	PAUL SUPPLE		
RP Address:	PO BOX 6549		
Global Id:	T0600100084		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	3		

ARCO # 02162 (Continued) **S102424074**

Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : REMED: NATURAL ATTEN (080598) CURRENT MTBE DATE: 3/23/01

LUST Region 2:

Region:	2
Case Number:	1259
Facility Id:	01-0091
Facility Status:	Pollution Characterization
How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	10/1/1991
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	5/10/1993
Pollution Characterization Began:	1/2/1965
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

HAZNET:

Gepaid:	CAL000244242
TSD EPA ID:	Not reported
Gen County:	Alameda
Tsd County:	Los Angeles
Tons:	0 61
Facility Address 2:	Not reported
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Not reported
Contact:	JACK OMAN
Telephone:	(714) 670-5402
Mailing Name:	Not reported
Mailing Address:	PO BOX 6038
	ARTESIA, CA 90702 - 6038
County	Not reported

Gepaid:	CAL000244242
TSD EPA ID:	Not reported
Gen County:	Alameda
Tsd County:	Los Angeles
Tons:	0.40
Facility Address 2:	Not reported
Waste Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Contact:	JACK OMAN
Telephone:	(714) 670-5402
Mailing Name:	Not reported
Mailing Address:	PO BOX 6038
	ARTESIA, CA 90702 - 6038
County	Not reported

ARCO # 02162 (Continued) **S102424074**

Gepaid: CAL000244242
TSD EPA ID: CAT080013352
Gen County: Alameda
Tsd County: Alameda
Tons: 0.2
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: JACK OMAN WASTE SPECIALIST
Telephone: (714) 670-3958
Mailing Name: Not reported
Mailing Address: PO BOX 80249
RCHO STA MARG, CA 92688
County 1

CORTESE:
Region: CORTESE
Fac Address 2: 15135 HESPERIAN BLVD

SWEEPS:
Status : A
Comp Number : 58971
Number : 1
Board Of Equalization : 44-000506
Ref Date : 02-01-92
Act Date : 07-23-92
Created Date : 07-05-88
Tank Status : A
Owner Tank Id : 1-UNL-R
Swrcb Tank Id : 01-007-058971-000001
Actv Date : 07-23-92
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : 5

Status : A
Comp Number : 58971
Number : 1
Board Of Equalization : 44-000506
Ref Date : 02-01-92
Act Date : 07-23-92
Created Date : 07-05-88
Tank Status : A
Owner Tank Id : 2-UNL-R
Swrcb Tank Id : 01-007-058971-000002
Actv Date : 07-23-92
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 58971
Number : 1
Board Of Equalization : 44-000506

ARCO # 02162 (Continued) **S102424074**

Ref Date :	02-01-92
Act Date :	07-23-92
Created Date :	07-05-88
Tank Status :	A
Owner Tank Id :	3-UNL-R
Swrcb Tank Id :	01-007-058971-000003
Actv Date :	07-23-92
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	P
Content :	REG UNLEADED
Number Of Tanks :	Not reported

Status :	A
Comp Number :	58971
Number :	1
Board Of Equalization :	44-000506
Ref Date :	02-01-92
Act Date :	07-23-92
Created Date :	07-05-88
Tank Status :	A
Owner Tank Id :	4-UNL-P
Swrcb Tank Id :	01-007-058971-000004
Actv Date :	07-23-92
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	P
Content :	PRM UNLEADED
Number Of Tanks :	Not reported

Status :	A
Comp Number :	58971
Number :	1
Board Of Equalization :	44-000506
Ref Date :	02-01-92
Act Date :	07-23-92
Created Date :	07-05-88
Tank Status :	A
Owner Tank Id :	5
Swrcb Tank Id :	01-007-058971-000005
Actv Date :	07-23-92
Capacity :	550
Tank Use :	OIL
Stg :	W
Content :	WASTE OIL
Number Of Tanks :	Not reported

Status :	Not reported
Comp Number :	58971
Number :	Not reported
Board Of Equalization :	44-000506
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-007-058971-000006

ARCO # 02162 (Continued) **S102424074**

Actv Date :	Not reported
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	REG UNLEADED
Number Of Tanks :	5
Status :	Not reported
Comp Number :	58971
Number :	Not reported
Board Of Equalization :	44-000506
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-007-058971-000007
Actv Date :	Not reported
Capacity :	8000
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	PRM UNLEADED
Number Of Tanks :	Not reported
Status :	Not reported
Comp Number :	58971
Number :	Not reported
Board Of Equalization :	44-000506
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-007-058971-000008
Actv Date :	Not reported
Capacity :	8000
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	REG UNLEADED
Number Of Tanks :	Not reported
Status :	Not reported
Comp Number :	58971
Number :	Not reported
Board Of Equalization :	44-000506
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-007-058971-000009
Actv Date :	Not reported
Capacity :	6000
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	LEADED
Number Of Tanks :	Not reported

ARCO # 02162 (Continued) **S102424074**

Status :	Not reported
Comp Number :	58971
Number :	Not reported
Board Of Equalization :	44-000506
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-007-058971-000010
Actv Date :	Not reported
Capacity :	500
Tank Use :	OIL
Stg :	WASTE
Content :	WASTE OIL
Number Of Tanks :	Not reported

H32 **FREEDOM ARCO** **LUST** **S105194670**
ENE **15101 FREEDOM AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
1980 ft.

Site 1 of 2 in cluster H

Relative:
Higher

Actual:
58 ft.

State LUST:

Cross Street:	FAIRMONT AVE		
Qty Leaked:	Not reported		
Case Number	01-2526		
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	01000L		
Case Type:	Undefined		
Status:	**Preliminary site assessment workplan submitted**		
Review Date:	2000-01-03 00:00:00	Confirm Leak:	2000-01-03 00:00:00
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	2000-01-03 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1999-05-20 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	2000-01-25 00:00:00		
Funding:	Not reported		
Staff Initials:	AG		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	UNK		
Leak Source:	UNK		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		

FREEDOM ARCO (Continued) **S105194670**

Staff : Not reported
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: UNNAMED BASIN
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2001-10-17 00:00:00
Stop Date : 1999-05-20 00:00:00
Work Suspended :No
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600191157
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : REQUEST FOR SOIL AND WATER INVESTIGATION WORK PLAN 8/28/01

LUST Region 2:

Region:	2
Case Number:	Not reported
Facility Id:	01-2526
Facility Status:	Preliminary site assessment workplan submitted
How Discovered:	TC
Leak Cause:	UNK
Leak Source:	UNK
Oversight Program:	LUST
Date Leak Confirmed:	1/3/2000
Prelim. Site Assesment Wokplan Submitted:	6/18/2001
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

H33 **FREEDOM ARCO MINI MART** **HAZNET** **U001598520**
ENE **15101 FREEDOM AVE** **HIST UST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94538** **CS**
1980 ft. **SWEEPS UST**

Site 2 of 2 in cluster H

Relative:
Higher

Alameda County Contaminated Sites:
Record Id : RO0000473
Actual: PE : 5602
58 ft. Status : Pollution Characterization

FREEDOM ARCO MINI MART (Continued) **U001598520**

HAZNET:
Gepaid: CAC002571367
TSD EPA ID: CAD028409019
Gen County: Alameda
Tsd County: Alameda
Tons: 0.45
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Contact: MOHAMMED EAZDEL
Telephone: (510) 481-2839
Mailing Name: Not reported
Mailing Address: 35840 ALCAZAR CT
FREEMONT, CA 94536
County 1

UST HIST:

Facility ID:	15465	Owner Name:	MOHAMMAD A. MASHHOON
Total Tanks:	3	Region:	STATE
Owner Address:	969 SUNNYHILLS RD OAKLAND, CA 94610		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	ONE
Tank Capacity:	00010000	Year Installed:	Not reported
Type of Fuel:	UNLEADED	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(415) 481-8162
Facility Type:	Gas Station	Other Type:	Not reported

Facility ID:	15465	Owner Name:	MOHAMMAD A. MASHHOON
Total Tanks:	3	Region:	STATE
Owner Address:	969 SUNNYHILLS RD OAKLAND, CA 94610		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	2
Tank Capacity:	00010000	Year Installed:	Not reported
Type of Fuel:	REGULAR	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(415) 481-8162
Facility Type:	Gas Station	Other Type:	Not reported

Facility ID:	15465	Owner Name:	MOHAMMAD A. MASHHOON
Total Tanks:	3	Region:	STATE
Owner Address:	969 SUNNYHILLS RD OAKLAND, CA 94610		
Tank Used for:	PRODUCT		
Tank Num:	3	Container Num:	3
Tank Capacity:	00000000	Year Installed:	Not reported
Type of Fuel:	DIESEL	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(415) 481-8162
Facility Type:	Gas Station	Other Type:	Not reported

SWEEPS:
Status : A
Comp Number : 304473
Number : 2
Board Of Equalization : 44-035622

FREEDOM ARCO MINI MART (Continued) **U001598520**

Ref Date : 12-13-93
Act Date : 05-06-94
Created Date : 05-06-94
Tank Status : A
Owner Tank Id : 1
Swrcb Tank Id : 01-000-304473-000001
Actv Date : 12-13-93
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : MID-GRADE UN
Number Of Tanks : 4

Status : A
Comp Number : 304473
Number : 2
Board Of Equalization : 44-035622
Ref Date : 12-13-93
Act Date : 05-06-94
Created Date : 05-06-94
Tank Status : A
Owner Tank Id : 2
Swrcb Tank Id : 01-000-304473-000002
Actv Date : 12-13-93
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 304473
Number : 2
Board Of Equalization : 44-035622
Ref Date : 12-13-93
Act Date : 05-06-94
Created Date : 05-06-94
Tank Status : A
Owner Tank Id : 3
Swrcb Tank Id : 01-000-304473-000003
Actv Date : 12-13-93
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : PRM UNLEADED
Number Of Tanks : Not reported

---

34 **BAYFAIR MALL** **HAZNET 1000113847**
South **248 BAYFAIR DR** **LUST N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **Cortese**
2003 ft.

Relative:
Lower

Actual:
32 ft.

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-0164
Reg Board: San Francisco Bay Region
Chemical: Diesel
Lead Agency: Local Agency

BAYFAIR MALL (Continued) **1000113847**

Local Agency : 01007
Case Type: Soil only
Status: Case Closed
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1995-03-06 00:00:00
Release Date: 1986-05-20 00:00:00
Cleanup Fund Id : Not reported
Discover Date : 1986-05-20 00:00:00
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1986-05-20 00:00:00
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Not reported
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested
Priority: Not reported
Local Case # : 01-0164
Beneficial: Not reported
Staff : Not reported
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Alameda East Bay (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 1995-01-23 00:00:00
Stop Date : 1986-05-20 00:00:00
Work Suspended : No
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0600100152
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : ARCHIVED 6/6/96 CONTROL NO 120-073 SRC 0904723

LUST Region 2:
Region: 2
Case Number: 01-0164
Facility Id: 01-0164
Facility Status: Case Closed

BAYFAIR MALL (Continued) **1000113847**

How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	Not reported
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

HAZNET:

Gepaid:	CAC002571592
TSD EPA ID:	CAD981382732
Gen County:	Alameda
Tsd County:	Alameda
Tons:	2 52
Facility Address 2:	Not reported
Waste Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Contact:	BILL MCFARRIN
Telephone:	(510) 357-6000
Mailing Name:	Not reported
Mailing Address:	248 BAYFAIR DR
	SAN LEANDRO, CA 94578
County	1

CORTESE:

Region:	CORTESE
Fac Address 2:	248 BAYFAIR DR

---

35 **NARUO NURSERY** **LUST** **S102434135**
East **1500 THRUSH AVE** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **CS**
2360 ft.

Relative:
Lower

Actual:
41 ft.

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1030		
Reg Board:	San Francisco Bay Region		
Chemical:	Misc. Motor Vehicle Fuels		
Lead Agency:	Local Agency		
Local Agency :	01000L		
Case Type:	Soil only		
Status:	**Case Closed**		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	1993-04-01 00:00:00	Confirm Leak:	1993-04-01 00:00:00
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1994-03-30 00:00:00		
Release Date:	1993-04-01 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1993-04-01 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1993-04-01 00:00:00		

NARUO NURSERY (Continued) **S102434135**

Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested
Priority: Not reported
Local Case # : 01-1030
Beneficial: Not reported
Staff : Not reported
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Alameda East Bay (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 1993-03-30 00:00:00
Stop Date : 1993-04-01 00:00:00
Work Suspended :No
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100951
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : ARCHIVED 6/6/96 CONTROL NO 120-083 SRC 0904733

LUST Region 2:

Region:	2
Case Number:	01-1030
Facility Id:	01-1030
Facility Status:	Case Closed
How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	4/1/1993
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

Alameda County Contaminated Sites:
Record Id : RO0002455
PE : 5602
Status : Case Closed

NARUO NURSERY (Continued) S102434135

CORTESE:
Region: CORTESE
Fac Address 2: 1500 THRUSH AVE

I36 **MASKELL OIL COMPANY** HAZNET S102433082
NW **14500 14TH ST E** LUST N/A
1/4-1/2 **SAN LEANDRO, CA 94578** Cortese
2537 ft. SLIC

Site 1 of 2 in cluster I

Relative: Higher

Actual: 52 ft.

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0061		
Reg Board:	San Francisco Bay Region		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	01007		
Case Type:	Other ground water affected		
Status:	**Case Closed**		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	1989-06-20 00:00:00	Confirm Leak:	1989-06-20 00:00:00
Workplan:	1988-12-12 00:00:00	Prelim Assess:	1988-12-12 00:00:00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1999-12-21 00:00:00		
Release Date:	1988-12-23 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1988-12-23 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1989-06-20 00:00:00		
Funding:	Federal Funds		
Staff Initials:	KB		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	1965-01-02 00:00:00		
Max MTBE GW :	0 Parts per Billion		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	3571		
Beneficial:	Not reported		
Staff :	Not reported		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Alameda East Bay (2-		
Operator :	Not reported		
Oversight Prgm:	LUST		
Review Date :	2000-06-06 00:00:00		
Stop Date :	1988-12-23 00:00:00		
Work Suspended :	No		
Responsible Party	BLANK RP		
RP Address:	Not reported		

MASKELL OIL COMPANY (Continued) **S102433082**

Global Id: T0600100055
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 1.32'FP 12/89. ND FROM MTBE RECONCILIATION.

Cross Street: Not reported
Qty Leaked: 0
Case Number 01S0533
Reg Board: San Francisco Bay Region
Chemical: Solvents
Lead Agency: Regional Board
Local Agency : 01000L
Case Type: Undefined
Status: Leak being confirmed
Review Date: 1985-01-01 00:00:00 Confirm Leak: 1985-01-01 00:00:00
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 1983-01-01 00:00:00
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: Not reported
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : Not reported
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Alameda East Bay (2-
Operator : Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Review Date : Not reported
Stop Date : Not reported
Work Suspended : No
Responsible Party BLANK RP

MASKELL OIL COMPANY (Continued) S102433082

RP Address: Not reported
Global Id: T0600191550
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 1 32'FP 12/89 ND FROM MTBE RECONCILIATION

LUST Region 2:
Region: 2
Case Number: 3571
Facility Id: 01-0061
Facility Status: Pollution Characterization
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: 6/20/1989
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 12/12/1988
Pollution Characterization Began: 9/29/1989
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

HAZNET:
Gepaid: CAL000148909
TSD EPA ID: CAD028409019
Gen County: 1
Tsd County: Los Angeles
Tons: 0 1
Facility Address 2: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: MASKELL OIL CO
Telephone: (510) 483-5810
Mailing Name: Not reported
Mailing Address: 14500 E 14TH ST
SAN LEANDRO, CA 94578 - 2815
County 1

Gepaid: CAL000148909
TSD EPA ID: CAD981382732
Gen County: 1
Tsd County: 1
Tons: 33 712
Facility Address 2: Not reported
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: MASKELL OIL CO
Telephone: (510) 483-5810
Mailing Name: Not reported
Mailing Address: 14500 E 14TH ST
SAN LEANDRO, CA 94578 - 2815

MASKELL OIL COMPANY (Continued) **S102433082**

County 1

Gepaid: CAC002115976
TSD EPA ID: CAD009466392
Gen County: 1
Tsd County: 7
Tons: 1.5
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: MASKELL OIL COMPANY
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 10 WAVERLY CT
ALAMO, CA 94501
County 1

Gepaid: CAC002115976
TSD EPA ID: CAT080013352
Gen County: 1
Tsd County: Los Angeles
Tons: 1.6875
Facility Address 2: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: MASKELL OIL COMPANY
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 10 WAVERLY CT
ALAMO, CA 94501
County 1

Gepaid: CAC002115976
TSD EPA ID: CAT080033681
Gen County: 1
Tsd County: Los Angeles
Tons: 0.7
Facility Address 2: Not reported
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Contact: MASKELL OIL COMPANY
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 10 WAVERLY CT
ALAMO, CA 94501
County 1

CORTESE:
Region: CORTESE
Fac Address 2: 14500 14TH ST E

SLIC Region 2:
Facility ID: 01S0533
Region: 2
Facility Status: 1
Date Closed: Not reported
Local Case #: Not reported
How Discovered : Tank Closure
Leak Cause : UNK
Leak Source : UNK

MASKELL OIL COMPANY (Continued) S102433082

Date Confirmed : 1/1/1985
Date Prelim Site Assmnt Workplan Submitted : Not reported
Date Preliminary Site Assessment Began : Not reported
Date Pollution Characterization Began : Not reported
Date Remediation Plan Submitted : Not reported
Date Remedial Action Underway : Not reported
Date Post Remedial Action Monitoring Began : Not reported

I37 **MASKELL OIL** CS S106880564
NW **14500 E 14TH ST** SWEEPS UST N/A
1/4-1/2 **SAN LEANDRO, CA 94578**
2537 ft.

Site 2 of 2 in cluster I

Relative:
Higher

Alameda County Contaminated Sites:
Record Id : RO0002785
Actual: PE : 5502
52 ft. Status : No Action

SWEEPS:
Status : A
Comp Number : 32107
Number : 3
Board Of Equalization : Not reported
Ref Date : 11-04-91
Act Date : 04-19-94
Created Date : 04-19-94
Tank Status : A
Owner Tank Id : Not reported
Swrcb Tank Id : 01-007-032107-000001
Actv Date : 11-04-91
Capacity : 200
Tank Use : OIL
Stg : W
Content : WASTE OIL
Number Of Tanks : 1

---

38 **FAIRMONT HOSPITAL** RCRA-SQG 1000365082
ENE **15400 FOOTHILL BOULEVARD** FINDS CAD981429533
1/4-1/2 **SAN LEANDRO, CA 94578** HAZNET
2609 ft. LUST
Cortese
Relative: CA FID UST
Higher HIST UST
CS
Actual: SWEEPS UST
79 ft.

FAIRMONT HOSPITAL (Continued) **1000365082**

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981429533

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
California - Hazardous Waste Tracking System - Datamart

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-2447		
Reg Board:	San Francisco Bay Region		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	01000L		
Case Type:	Undefined		
Status:	**Case Closed**		
Review Date:	1993-08-24 00:00:00	Confirm Leak:	1993-08-24 00:00:00
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1996-08-22 00:00:00		
Release Date:	1993-08-13 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1993-08-13 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1998-10-01 00:00:00		
Funding:	Federal Funds		
Staff Initials:	AG		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	UNK		
Leak Source:	UNK		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested		
Priority:	Not reported		
Local Case # :	011262		
Beneficial:	Not reported		

FAIRMONT HOSPITAL (Continued) **1000365082**

Staff : Not reported
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: UNNAMED BASIN
Operator : Not reported
Oversight Prgm: LUST
Review Date : 1998-10-01 00:00:00
Stop Date : 1993-08-13 00:00:00
Work Suspended :No
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600102255
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : NEW CASE PER ACHD UPDATE - 9/98 CC PER ACHD - 8/22/96

LUST Region 2:
Region: 2
Case Number: 011262
Facility Id: 01-2447
Facility Status: Case Closed
How Discovered: TC
Leak Cause: UNK
Leak Source: UNK
Oversight Program: LUST
Date Leak Confirmed: 8/24/1993
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Alameda County Contaminated Sites:
Record Id : RO0000546
PE : 5602
Status : Case Closed

HAZNET:
Gepaid: CAD981429533
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: Alameda
Tons: 0 21
Facility Address 2: Not reported
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: ROD FREITAG/ENVTL PROGRAM MGR
Telephone: (510) 208-9522
Mailing Name: Not reported
Mailing Address: 1401 LAKESIDE DRIVE SUITE 1115

FAIRMONT HOSPITAL (Continued) **1000365082**

OAKLAND, CA 94612 - 4305
County: Not reported

Gepaid: CAD981429533
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: San Joaquin
Tons: 0.84
Facility Address 2: Not reported
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: ROD FREITAG/ENVTL PROGRAM MGR
Telephone: (510) 208-9522
Mailing Name: Not reported
Mailing Address: 1401 LAKESIDE DRIVE SUITE 1115
OAKLAND, CA 94612 - 4305
County: Not reported

Gepaid: CAD981429533
TSD EPA ID: CAD009466392
Gen County: 1
Tsd County: 7
Tons: .5000
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Not reported
Contact: ALAMEDA COUNTY-GSA
Telephone: (510) 208-9520
Mailing Name: Not reported
Mailing Address: 1401 LAKESIDE DR 11TH FLOOR
OAKLAND, CA 94612
County: 1

Gepaid: CAD981429533
TSD EPA ID: CAD009466392
Gen County: 1
Tsd County: 7
Tons: .2500
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: ALAMEDA COUNTY-GSA
Telephone: (510) 208-9520
Mailing Name: Not reported
Mailing Address: 1401 LAKESIDE DR 11TH FLOOR
OAKLAND, CA 94612
County: 1

Gepaid: CAD981429533
TSD EPA ID: CAD990794133
Gen County: 1
Tsd County: San Joaquin
Tons: .8428
Facility Address 2: Not reported
Waste Category: Asbestos-containing waste
Disposal Method: Not reported
Contact: ALAMEDA COUNTY-GSA
Telephone: (510) 208-9520
Mailing Name: Not reported

FAIRMONT HOSPITAL (Continued) **1000365082**

Mailing Address: 1401 LAKESIDE DR 11TH FLOOR
OAKLAND, CA 94612
County 1

Click this hyperlink while viewing on your computer to access
81 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:
Region: CORTESE
Fac Address 2: 15400 Foothill Blvd

FID:

Facility ID:	01000737	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported 4400 MACARTHUR BLVD SAN LEANDRO, CA 94578		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	56233	Owner Name:	COUNTY OF ALAMEDA, GENERAL SER
Total Tanks:	5	Region:	STATE
Owner Address:	4400 MACARTHUR BOULEVARD OAKLAND, CA 94619		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	5
Tank Capacity:	00001000	Year Installed:	1970
Type of Fuel:	DIESEL	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	JOSEPH M. ANAYA	Telephone:	(415) 577-1479
Facility Type:	Other	Other Type:	COUNTY HOSPITAL
Facility ID:	56233	Owner Name:	COUNTY OF ALAMEDA, GENERAL SER
Total Tanks:	5	Region:	STATE
Owner Address:	4400 MACARTHUR BOULEVARD OAKLAND, CA 94619		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	4
Tank Capacity:	00000500	Year Installed:	Not reported
Type of Fuel:	REGULAR	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	JOSEPH M. ANAYA	Telephone:	(415) 577-1479
Facility Type:	Other	Other Type:	COUNTY HOSPITAL
Facility ID:	56233	Owner Name:	COUNTY OF ALAMEDA, GENERAL SER
Total Tanks:	5	Region:	STATE
Owner Address:	4400 MACARTHUR BOULEVARD OAKLAND, CA 94619		
Tank Used for:	PRODUCT		
Tank Num:	3	Container Num:	3
Tank Capacity:	00001000	Year Installed:	1952
Type of Fuel:	DIESEL	Tank Construction:	12 gauge
Leak Detection:	None		

FAIRMONT HOSPITAL (Continued) **1000365082**

Contact Name:	JOSEPH M. ANAYA	Telephone:	(415) 577-1479
Facility Type:	Other	Other Type:	COUNTY HOSPITAL
Facility ID:	56233	Owner Name:	COUNTY OF ALAMEDA, GENERAL SER
Total Tanks:	5	Region:	STATE
Owner Address:	4400 MACARTHUR BOULEVARD OAKLAND, CA 94619		
Tank Used for:	PRODUCT		
Tank Num:	4	Container Num:	2
Tank Capacity:	00012000	Year Installed:	1952
Type of Fuel:	Not reported	Tank Construction:	5/16 inches
Leak Detection:	None		
Contact Name:	JOSEPH M ANAYA	Telephone:	(415) 577-1479
Facility Type:	Other	Other Type:	COUNTY HOSPITAL
Facility ID:	56233	Owner Name:	COUNTY OF ALAMEDA, GENERAL SER
Total Tanks:	5	Region:	STATE
Owner Address:	4400 MACARTHUR BOULEVARD OAKLAND, CA 94619		
Tank Used for:	PRODUCT		
Tank Num:	5	Container Num:	1
Tank Capacity:	00012000	Year Installed:	1952
Type of Fuel:	Not reported	Tank Construction:	5/16 unknown
Leak Detection:	None		
Contact Name:	JOSEPH M. ANAYA	Telephone:	(415) 577-1479
Facility Type:	Other	Other Type:	COUNTY HOSPITAL

SWEEPS:

Status :	A
Comp Number :	304
Number :	5
Board Of Equalization :	44-000324
Ref Date :	06-16-93
Act Date :	04-08-94
Created Date :	03-19-91
Tank Status :	A
Owner Tank Id :	5511-1
Swrcb Tank Id :	01-000-000304-000001
Actv Date :	03-19-91
Capacity :	12000
Tank Use :	OIL
Stg :	P
Content :	NO 5 FUEL OI
Number Of Tanks :	4

Status :	A
Comp Number :	304
Number :	5
Board Of Equalization :	44-000324
Ref Date :	06-16-93
Act Date :	04-08-94
Created Date :	03-19-91
Tank Status :	A
Owner Tank Id :	5511-2
Swrcb Tank Id :	01-000-000304-000002
Actv Date :	03-19-91
Capacity :	12000
Tank Use :	OIL

FAIRMONT HOSPITAL (Continued) **1000365082**

Stg : P
Content : NO 5 FUEL OI
Number Of Tanks : Not reported

Status : A
Comp Number : 304
Number : 5
Board Of Equalization : 44-000324
Ref Date : 06-16-93
Act Date : 04-08-94
Created Date : 03-19-91
Tank Status : A
Owner Tank Id : 5511-4
Swrcb Tank Id : 01-000-000304-000004
Actv Date : 03-19-91
Capacity : 1000
Tank Use : OIL
Stg : P
Content : DIESEL OIL
Number Of Tanks : Not reported

Status : A
Comp Number : 304
Number : 5
Board Of Equalization : 44-000324
Ref Date : 06-16-93
Act Date : 04-08-94
Created Date : 03-19-91
Tank Status : A
Owner Tank Id : 5511-6
Swrcb Tank Id : 01-000-000304-000006
Actv Date : 03-19-91
Capacity : 35
Tank Use : OIL
Stg : P
Content : DIESEL OIL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 304
Number : Not reported
Board Of Equalization : 44-000324
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-000304-000003
Actv Date : Not reported
Capacity : 1000
Tank Use : PETROLEUM
Stg : PRODUCT
Content : PETROLEUM
Number Of Tanks : 2

Status : Not reported
Comp Number : 304

FAIRMONT HOSPITAL (Continued) 1000365082

Number : Not reported
Board Of Equalization : 44-000324
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-000304-000005
Actv Date : Not reported
Capacity : 500
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : LEADED
Number Of Tanks : Not reported

39
SE
1/2-1
2870 ft.

UNOCAL SERVICE STATION #6277
15803 EAST 14TH STREET
SAN LEANDRO, CA 92584

Notify 65 **S100178990**
N/A

Relative:
Lower

Actual:
28 ft.

NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92584

40
NNW
1/2-1
3423 ft.

JEFFERSON ELEMENTARY SCHOOL
14311 LARK STREET
SAN LEANDRO, CA 94578

SCH **S106568064**
ENVIROSTOR **N/A**

Relative:
Higher

Actual:
52 ft.

SCH:
Region: Not reported
Facility ID: 01820004
Site Type: School Cleanup
Site Type Detail: School
Acres: 7.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: Not reported
Project Manager: KAMILI SIGLOWIDE
Supervisor: MARK MALINOWSKI
Division Branch: School Evaluation - Glendale / Sacramento
Site Code: 204136-11
Assembly: 18
Senate: 10
Special Program Status: Not reported
Status: Active
Status Date: 2004-04-28 00:00:00
Restricted Use: NO
Funding: School District
Latitude: 37.7134
Longitude: -122.1368
Alias Name: 01820004
Alias Name: 204136-11
Alias Name: SAN LEANDRO USD-JEFFERSON ELEMENTARY SCL

JEFFERSON ELEMENTARY SCHOOL (Continued) **S106568064**

Alias Name:	77E-1568-10-2
Alias Name:	01820005
Alias Name:	Jefferson New Elementary School
Alias Name:	JEFFERSON ELEMENTARY SCHOOL
Alias Type:	Calsites ID Number
Alias Type:	Project Code (Site Code)
Alias Type:	Alternate Name
Alias Type:	APN
Alias Type:	Calsites ID Number
Alias Type:	Alternate Name
Alias Type:	Alternate Name
APN:	77E-1568-10-2
APN Description:	Not reported
Comments:	PEA approved. Public comment period November 15, 2004 to December 17, 2004. Further action required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	2005-06-17 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	2004-12-17 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/ Visit
Completed Date:	2005-07-08 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	2004-07-13 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	School Cleanup Agreement
Completed Date:	2004-11-29 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/ Visit
Completed Date:	2004-09-02 00:00:00
Confirmed:	30207,30309.30004,30008,30013
Confirmed Description:	Dieldrin
Confirmed Description:	Heptachlor epoxide
Confirmed Description:	Chlordane
Confirmed Description:	DDT
Confirmed Description:	Lead
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	SOIL
Media Affected Desc:	Soil
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	30004, 30008, 30013, 30207, 30309
Potenital Description:	Chlordane
Potenital Description:	DDT
Potenital Description:	Lead

JEFFERSON ELEMENTARY SCHOOL (Continued) **S106568064**

Potenital Description:	Dieldrin
Potenital Description:	Heptachlor epoxide
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Removal Action Completion Report
Schedule Due Date:	2006-01-31 00:00:00
Schedule Revised Date:	Not reported
SIC Name:	SCHOOL - ELEMENTARY

CA ENVIROSTOR:

Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	7.5
APN:	77E-1568-10-2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	KAMILI SIGLOWIDE
Supervisor:	MARK MALINOWSKI
Division Branch:	School Evaluation - Glendale / Sacramento
Envirostor ID:	01820004
Site Code:	204136-11
Assembly:	18
Senate:	10
Special Program:	Not reported
Status:	Active
Status Date:	2004-04-28 00:00:00
Past Use:	SCHOOL - ELEMENTARY
Potential COC:	30004, 30008, 30013, 30207, 30309
Confirmed COC:	30207,30309,30004,30008,30013
Potential Meda Affected:	SOIL
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	School District
Latitude:	37.7134
Longitude:	-122 1368

CA ENVIROSTOR ALIAS:

Alias Type:	Not reported
Alias Project Name:	Not reported

CA ENVIROSTOR COMPLETE:

Area Name:	Not reported
Sub Area Name:	Not reported
Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

CA ENVIROSTOR FUTURE:

Area Name:	Not reported
Sub Area Name:	Not reported
Document Type:	Not reported
Due Date:	Not reported

CA ENVIROSTOR SCHEDULE:

Area Name:	Not reported

JEFFERSON ELEMENTARY SCHOOL (Continued) **S106568064**

Sub Area Name: Not reported
Document Type: Not reported
Due Date: Not reported
Revised Date: Not reported

---

41 WNW 1/2-1 4445 ft. **CENTURY PLATING COMPANY INC** **Cal-Sites 1000483604**
1124 139TH AVENUE **Cortese N/A**
SAN LEANDRO, CA 94578 **AWP**
ENVIROSTOR

Relative: Higher

Actual: 48 ft.

CAL-SITES:
Facility ID: 01340040
Status: CERT - CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Date: 06/13/1997
Lead: DTSC
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: CERTIFIED
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported
NPL: Not Listed
SIC: 34 MANU - FABRICATED METAL PRODUCTS
Facility Type: STATE
Type Name: STATE FUNDED SITE
Staff Member Responsible for Site: JSOTO
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF - SAN FRANCISCO BAY
Access: Controlled
Cortese: C
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: Not reported
Lat/long Method: Not reported
State Assembly District Code: 18
State Senate District: 10

Click this hyperlink while viewing on your computer to access additional CAL-SITES detail in the EDR Site Report.

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

CA ENVIROSTOR:
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0 5
APN: 77D-1437-15-1, 77D-1437-14-3
NPL: NO
Regulatory Agencies: SMBRP, US EPA
Lead Agency: SMBRP
Program Manager: JAYANTHA RANDENI
Supervisor: KAREN TOTH
Division Branch: North Coast
Envirostor ID: 01340040

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Site Code:	200650
Assembly:	18
Senate:	10
Special Program:	Not reported
Status:	Certified
Status Date:	1997-06-13 00:00:00
Past Use:	METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC:	30022, 30027
Confirmed COC:	30022,30027
Potential Meda Affected:	OTH, SOIL
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Orphan Funds
Latitude:	37.7104295850067
Longitude:	-122.143305555556

CA ENVIROSTOR ALIAS:

Alias Type:	Not reported
Alias Project Name:	Not reported

CA ENVIROSTOR COMPLETE:

Area Name:	Not reported
Sub Area Name:	Not reported
Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

CA ENVIROSTOR FUTURE:

Area Name:	Not reported
Sub Area Name:	Not reported
Document Type:	Not reported
Due Date:	Not reported

CA ENVIROSTOR SCHEDULE:

Area Name:	Not reported
Sub Area Name:	Not reported
Document Type:	Not reported
Due Date:	Not reported
Revised Date:	Not reported

CA RESPONSE:

Region:	RESPONSE
Facility ID:	01340040
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, US EPA
Lead Agency:	SMBRP
Lead Agency Description:	Not reported
Project Manager:	JAYANTHA RANDENI
Supervisor:	KAREN TOTH
Division Branch:	North Coast
Site Code:	200650
Assembly:	18

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Senate:	10
Status:	Certified
Status Date:	1997-06-13 00:00:00
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	37.7104295850067
Longitude:	-122.143305555556
Alias Name:	01340040
Alias Name:	PADDY O'CHROME
Alias Name:	200650
Alias Name:	77D-1437-15-1
Alias Name:	77D-1437-14-3
Alias Type:	Calsites ID Number
Alias Type:	Alternate Name
Alias Type:	Project Code (Site Code)
Alias Type:	APN
Alias Type:	APN
APN:	77D-1437-15-1, 77D-1437-14-3
APN Description:	Not reported
APN Description:	Not reported
Comments:	The site was certified as requiring no further remedial action. SVE system was removed from site and extractions wells have been closed.Negative Declaration approved for RAW Issued I&SE Order to the 139th Avenue Sites requiring further remedial investigation and cleanup.Administrative Order issued by US EPA to property owners to undertake and complete removal activities.Public Participation Plan for the San Leandro Plume approved.RI found that soil and groundwater is contaminated with VOCs.Investigation found soil and groundwater contaminated with tetrachloroethelene (PCE.U.S. EPA removed drums of chemicals, contaminated equipment, and debris from the building and adjoining yard. Six inches of surface soil, contaminated primarily with metals, was removed from the yard and a private well was closed.Completed removal action. Three soil vapor extraction wells were installed, the yard has been paved, 80 cubic yards of contaminated soil were excavated and disposed, and a new floor slab was installed in the building.Removal Action Workplan approved which requires the removal of several soil hotspots in the building by excavation, and installation of a vapor barrier floor. In the Yard area, 3-5 Soil Vapor Extraction wells was installed to lower concentrations of VOCs at depth in the soils. The yard will also be paved as part of the removal action. The extraction system is expected to operated for approximately 6 months.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	1996-12-27 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	1996-02-15 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Participation Plan / Community Relations Plan
Completed Date:	1995-02-28 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Completed Date:	1992-09-30 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	1995-01-20 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	1995-10-19 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	1997-06-13 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Initial Study/ Neg. Declaration
Completed Date:	1996-02-15 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Imminent and/or Substantial Endangerment Order
Completed Date:	1992-12-29 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Imminent and/or Substantial Endangerment Order
Completed Date:	1991-10-25 00:00:00
Confirmed:	30022,30027
Confirmed Description:	Tetrachloroethylene (PCE)
Confirmed Description:	Trichloroethylene (TCE)
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Media Affected:	OTH, SOIL
Media Affected Desc:	Other Groundwater affected (uses other than drinking water)
Media Affected Desc:	Soil
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	30022, 30027
Potenital Description:	Tetrachloroethylene (PCE)
Potenital Description:	Trichloroethylene (TCE)
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
SIC Name:	METAL PLATING - CHROME, METAL PLATING - OTHER

---

42 **ONE HUNDRED THIRTY-NINTH STREET (NO. 750) - SAN LE** **CA BOND EXP. PLAN** **S100833366**
WNW **750 139TH STREET** **N/A**
1/2-1 **SAN LEANDRO, CA 94578**
4593 ft.

Relative:
Higher

Actual:
43 ft.

BEP:

Site Description :	The One Hundered Thirty-Ninth Street site is a contaminated shallow aquifer.
Hazardous Waste Desc :	Chemicals found onsite include trichloroethene (TCE) and tetrachloroethene (PCE).
Threat To Public Health & Env :	Ground water is the pathway for contaminant migration Numerous private

ONE HUNDRED THIRTY-NINTH STREET (NO. 750) - SAN LE (Continued) **S100833366**

wells present possible routes of exposure. Potential receptors for exposure to ground water contaminants include residents of San Leandro who have shallow water wells on their property

Site Activity Status : The site is currently undergoing remedial investigation Monitoring wells and stratigraphic borings will be installed

Project Revenue Source Co : Not Reported

PRS Company Address : Not reported
Not reported

Project Revenue Source Desc : Currently there are no identifiable responsible parties (RPs). Therefore, Bond funds are being used to investigate and remediate the site. If during the investigation responsible parties are identified. DHS will pursue appropriate enforcement actions.

Responsible Party : DETAILED SITE EXPENDITURE PLAN

---

43 **CINTAS/DEDOMINICO SITE** **Cal-Sites** **S101661359**
WNW **777 139TH AVENUE** **AWP** **N/A**
1/2-1 **SAN LEANDRO, CA 94578** **EMI**
4766 ft. **ENVIROSTOR**

Relative:
Higher

Actual:
43 ft.

CAL-SITES:

Facility ID	01890017	
Status:	**AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE**	
Status Date:	08/04/1995	
Lead:	DTSC	
Region:	2 - BERKELEY	
Branch:	NC - NORTH COAST	
File Name:	CINTAS CORPORATION	
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE	
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL	Not reported
NPL:	Not Listed	
SIC:	89 MISCELLANEOUS SERVICES	
Facility Type:	RP	
Type Name:	RESPONSIBLE PARTY	
Staff Member Responsible for Site:	JRANDENI	
Supervisor Responsible for Site:	Not reported	
Region Water Control Board:	SF - SAN FRANCISCO BAY	
Access:	Controlled	
Cortese:	C	
Hazardous Ranking Score:	Not reported	
Date Site Hazard Ranked:	Not reported	
Groundwater Contamination:	Suspected	
No. of Contamination Sources:	1	
Lat/Long:	Not reported	
Lat/long Method:	Not reported	
State Assembly District Code:	18	
State Senate District:	10	

Click this hyperlink while viewing on your computer to access additional CAL-SITES detail in the EDR Site Report.

CA AWP:

AWP Facility ID:	01890017
Facility Type:	responsible party
Site Access Controlled :	Controlled
Region Code :	2
Region :	BERKELEY
SMBR Branch Unit:	NORTH COAST
SMBR Branch Code :	NC
Site Name :	CINTAS CORPORATION

CINTAS/DEDOMINICO SITE (Continued) S101661359

Current Status Date : 19/95/0804
Current Status : ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code : DTSC
Lead Agency : DEPT OF TOXIC SUBSTANCES CONTROL
NPL : No
Tier Of AWP Site : Not reported
Source Of Funding : C
Responsible Staff Member : JRANDENI
Supervisor Responsible : Not reported
Facility SIC : MISCELLANEOUS SERVICES
SIC Code : 89
RWQCB Associated With Site : SAN FRANCISCO BAY
RWQCB Code : SF
Site Listed HWS List : Not reported
Hazard Ranking Score : Not reported
Date Site Hazard Ranked : Not reported
Groundwater Contamination : Suspected
Of Contamination Sources : 1
Lat/long Method : Not reported
Description Of Entity : Not reported
State Assembly Distt Code : 18
State Senate District : 10
Lat/long : 0° 0' 0" / 0° 0' 0"

EMISSIONS :

Year : 1987
Facility ID : 3355
Air District Code : BA
SIC Code : 7213
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1990
Facility ID : 3355
Air District Code : BA
SIC Code : 7213
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1998
Facility ID : 3355
Air District Code : BA
SIC Code : 7213
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1999
Facility ID : 3355
Air District Code : BA
SIC Code : 7213
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2000
Facility ID : 3355
Air District Code : BA
SIC Code : 7213
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

CA ENVIROSTOR:

Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	1.5
APN:	77D-1424-5-8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	JAYANTHA RANDENI
Supervisor:	KAREN TOTH
Division Branch:	North Coast
Envirostor ID:	01890017
Site Code:	200642
Assembly:	18
Senate:	10
Special Program:	Not reported
Status:	Active
Status Date:	1995-08-04 00:00:00
Past Use:	DRY CLEANING
Potential COC:	30022, 30024, 30025, 30026, 30027, 30195, 30196
Confirmed COC:	30022,30024,30025,30026,30027,30195,30196
Potential Meda Affected:	OTH, SOIL, SVIA
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.7101648259706
Longitude:	-122.145016666667

CA ENVIROSTOR ALIAS:

Alias Type:	Not reported
Alias Project Name:	Not reported

CA ENVIROSTOR COMPLETE:

Area Name:	Not reported
Sub Area Name:	Not reported
Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

CA ENVIROSTOR FUTURE:

Area Name:	Not reported
Sub Area Name:	Not reported
Document Type:	Not reported
Due Date:	Not reported

CA ENVIROSTOR SCHEDULE:

Area Name:	Not reported
Sub Area Name:	Not reported
Document Type:	Not reported
Due Date:	Not reported
Revised Date:	Not reported

CA RESPONSE:

Region:	RESPONSE

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Facility ID:	01890017
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	1.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	Not reported
Project Manager:	JAYANTHA RANDENI
Supervisor:	KAREN TOTH
Division Branch:	North Coast
Site Code:	200642
Assembly:	18
Senate:	10
Status:	Active
Status Date:	1995-08-04 00:00:00
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.7101648259706
Longitude:	-122.145016666667
Alias Name:	01890017
Alias Name:	200642
Alias Name:	CINTAS CORPORATION
Alias Name:	77D-1424-5-8
Alias Type:	Calsites ID Number
Alias Type:	Alternate Name
Alias Type:	Project Code (Site Code)
Alias Type:	APN
APN:	77D-1424-5-8
APN Description:	Not reported
Comments:	Approved RAW for the underlying groundwater contamination. Data indicates that contamination is breaking down. Therefore, final remedy will include institutional controls and groundwater monitoring.Approved RI/FS for groundwater. Data indicates that contamination is breaking down.Completed RA. Soil Vapor Extraction System working well. 21 cubic yards of excavated soil containing tetrachloroethylene were disposed offsite. Soil vapor extraction system operating at 140 standard cubic feet per minute.The recommended removal action was a combination excavation and Offsite disposal for the areas outside of the building and soil vapor extraction using horizontal wells for areas inside the building.Groundwater will be monitored semi annually at 7 monitoring wells according to approved Groundwater Monitoring Plan.Approved closure of the SVE system. The confirmation soil sampling results indicated that operation of the SVE system reduced VOC concentrations in soil below the site cleanup level in all tested locations. Estimated 187 pounds of VOCs were removeAdditional investigation was conducted to better define the lateral and vertical extent of VOCs and petroleum hydrocarbons in the two areas of highest concentration identified earlier.VOCs and Petroleum hydrocarbons were detected in soils.Notice of Exemption for groundwater RAWDTSC fully executed the O & M agreement with Cintas Corporation for the operation and maintenance of the monitoring wells at the Site.Issued I&SE Order to the 139th Avenue Sites to Cintas Corporation and property owners.Approved RAW which requires installation of two horizontal soil vapor extraction wells under the building and excavation of contaminated soil near sewer line outside of the building. A negative

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

declaration was prepared for this project.Semi-annual report approved. Groundwater concentrations are consistent with historical results.Additional investigation was conducted to better define the lateral and vertical extent of VOCs and petroleum hydrocarbons in the two areas of highest concentration identified during the previous investigation.Approved the installation of one new downgradient well and the first semi-annual report.Public Participation Plan for San Leandro approved.Approved RIFS. PCE contamination under the building and near sewer line outside the building was identified. Sample results confirmed earlier tests and identified two areas one near the sewer line outside the building and the other under the building which have high 14 parts per million (ppm) tetrachloroethylene.d during the 19 months period of operation.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	2004-08-04 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation / Feasibility Study
Completed Date:	2003-04-28 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	1998-06-29 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	1997-06-26 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation / Feasibility Study
Completed Date:	1997-05-22 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Participation Plan / Community Relations Plan
Completed Date:	1995-02-28 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operations and Maintenance Plan
Completed Date:	2005-04-12 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	2005-10-24 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	2000-03-06 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	1997-01-10 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	1996-09-18 00:00:00

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	1996-03-06 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Long Term Monitoring Report
Completed Date:	2006-04-11 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	2004-08-04 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Initial Study/ Neg Declaration
Completed Date:	1997-06-26 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, EPA AO)
Completed Date:	1992-12-22 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Discovery
Completed Date:	1985-03-30 00:00:00
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation & Maintenance Order/Agreement
Completed Date:	2006-05-19 00:00:00
Confirmed:	30022,30024,30025,30026.30027,30195.30196
Confirmed Description:	Tetrachloroethylene (PCE)
Confirmed Description:	TPH-diesel
Confirmed Description:	TPH-gas
Confirmed Description:	1,1.1-Trichloroethane (TCA)
Confirmed Description:	Trichloroethylene (TCE)
Confirmed Description:	1.2-Dichloroethylene (cis)
Confirmed Description:	1,2-Dichloroethylene (trans)
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Long Term Monitoring Report
Future Due Date:	2007
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2006
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Deed Restriction / Land Use Covenant
Future Due Date:	2006
Media Affected:	OTH. SOIL. SVIA
Media Affected Desc:	Other Groundwater affected (uses other than drinking water)
Media Affected Desc:	Soil
Media Affected Desc:	Soil Vapor / Indoor Air
Management Required:	NONE SPECIFIED
Management Required Desc:	Not reported
Potential:	30022, 30024. 30025, 30026, 30027. 30195, 30196
Potenital Description:	Tetrachloroethylene (PCE)
Potenital Description:	TPH-diesel

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Potenital Description:	TPH-gas
Potenital Description:	1,1,1-Trichloroethane (TCA)
Potenital Description:	Trichloroethylene (TCE)
Potenital Description:	1,2-Dichloroethylene (cis)
Potenital Description:	1,2-Dichloroethylene (trans)
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported
SIC Name:	DRY CLEANING

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN LEANDRO	1003878920	PG&E GAS PLANT SAN LEANDRO	ALVARDO & ST JOHNS STS	94578	CERC-NFRAP
SAN LEANDRO	8719876	ARCO STATION	ARCO STATION		ERNS
SAN LEANDRO	S107737023	PG&E EASEMENT	BANCROFT AVENUE	94577	SCH, ENVIROSTOR
SAN LEANDRO	8712236	1/2 BLK S. OF STANDARD GAS STATION	1/2 BLK S. OF STANDARD GAS STATION		ERNS
SAN LEANDRO	S106234945	FORMER DAVIS ST. LANDFILL	END OF DAVIS ST.		SLIC
SAN LEANDRO	S106922496	ALAMEDA COUNTY GSA - NIKE SITE	2842 FAIRMONT AVE	94578	SWEEPS UST
SAN LEANDRO	U003996104	ZZEAST BAY REGIONAL PARK DISTRICT	2892 FAIRMONT DR		UST
SAN LEANDRO	S101272669	DWA PLUME	SAN LEANDRO (GROUNDWATER CONTAMINATION)	94578	Cal-Sites, AWP, ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425 (e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 08/02/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 06/23/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/03/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 33

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 07/25/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/19/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U S Virgin Islands.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 01/19/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 33

Source: U S Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities–especially those without EPA Brownfields Assessment Demonstration Pilots–minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/13/2006
Date Data Arrived at EDR: 04/28/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 32

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 06/21/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 03/09/2006
Date Data Arrived at EDR: 04/13/2006
Date Made Active in Reports: 05/19/2006
Number of Days to Update: 36

Source: EPA
Telephone: 202-564-6064
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 07/13/2005
Date Made Active in Reports: 08/17/2005
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006
Date Data Arrived at EDR: 04/21/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 02/08/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 19

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 03/29/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 62

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System)

Date of Government Version: 04/27/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 28

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 07/21/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

AWP: Annual Workplan Sites

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: California Environmental Protection Agency
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 08/03/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/12/2006
Date Data Arrived at EDR: 06/14/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 43

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System
Sites which have been issued waste discharge requirements

Date of Government Version: 06/21/2006
Date Data Arrived at EDR: 06/22/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information. SWAT Program Information. SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 07/10/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 15

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8) For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
Last EDR Contact: 08/07/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491
Last EDR Contact: 05/22/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 04/01/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 29

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 07/26/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma. Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 05/22/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Unregulated sites that impact groundwater or have the potential to impact groundwater

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks. Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

SLIC REG 8: Spills. Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 04/06/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks. Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 05/31/2006
Date Data Arrived at EDR: 06/01/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 14

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 14

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 01/30/2006
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/17/2006
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/31/2006
Data Release Frequency: Quarterly

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 11/30/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 50

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 05/22/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit The list represents deed restrictions that are active Some sites have multiple deed restrictions The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 07/05/2006
Date Data Arrived at EDR: 07/06/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area

Date of Government Version: 04/30/2006
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 05/17/2006
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/07/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 20

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 05/11/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 27

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 07/21/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 05/10/2006
Date Data Arrived at EDR: 05/10/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/07/2005
Date Data Arrived at EDR: 09/08/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 53

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 34

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 05/24/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Semi-Annually

Underground Tanks

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 05/24/2006
Date Made Active in Reports: 06/29/2006
Number of Days to Update: 36

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/09/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 48

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 15

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 06/23/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 33

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/23/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 05/16/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

City of El Segundo Underground Storage Tank

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 14

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 05/06/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 14

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2006
Date Data Arrived at EDR: 03/24/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 20

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Date of Government Version: 05/16/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 16

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 05/18/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Varies

City of Los Angeles Landfills

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 25

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 06/06/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 50

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

Date of Government Version: 06/28/2006
Date Data Arrived at EDR: 06/29/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 28

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 06/28/2006
Date Data Arrived at EDR: 06/29/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 27

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/21/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 36

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/19/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 38

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/19/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/03/2006
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 9

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 08/04/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Underground Storage Tank Tank List

Date of Government Version: 05/19/2006
Date Data Arrived at EDR: 05/19/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 26

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST)

Date of Government Version: 05/19/2006
Date Data Arrived at EDR: 05/19/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS - Contaminated Sites

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 16

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/02/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks. waste generators.

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 37

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/02/2006
Next Scheduled EDR Contact: 10/30/2006
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/23/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit. and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates. violations received by the establishment, hazardous waste generated, the quantity. method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included)

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 07/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 12/29/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 06/06/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 06/21/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 36

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

Underground Storage Tank Information

Date of Government Version: 06/19/2006
Date Data Arrived at EDR: 06/21/2006
Date Made Active in Reports: 07/26/2006
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 02/28/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 24

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 08/07/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Fuel Leak List

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 17

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 07/27/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks This listing is no longer updated by the county Leaking underground storage tanks are now handled by the Department of Environmental Health

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: No Update Planned

LOP Listing

A listing of open leaking underground storage tanks

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 03/30/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Varies

Hazardous Material Facilities

Date of Government Version: 07/03/2006
Date Data Arrived at EDR: 07/05/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 22

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 04/10/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 31

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 04/25/2006
Date Data Arrived at EDR: 05/08/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 37

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 04/27/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 29

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 07/24/2006
Next Scheduled EDR Contact: 10/23/2006
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 07/31/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 29

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2005
Date Data Arrived at EDR: 09/20/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 07/10/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 17

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/24/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 25

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 34

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 07/06/2006
Date Made Active in Reports: 08/01/2006
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/25/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORMER MOBIL STATION 04-FGN
14994 EAST 14TH STREET
SAN LEANDRO, CA 94578

TARGET PROPERTY COORDINATES

Latitude (North):	37.70580 - 37° 42' 20.9"
Longitude (West):	122.1293 - 122° 7' 45.5"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	576752.2
UTM Y (Meters):	4173325.5
Elevation:	42 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37122-F2 SAN LEANDRO, CA
Most Recent Revision:	1980
East Map:	37122-F1 HAYWARD, CA
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

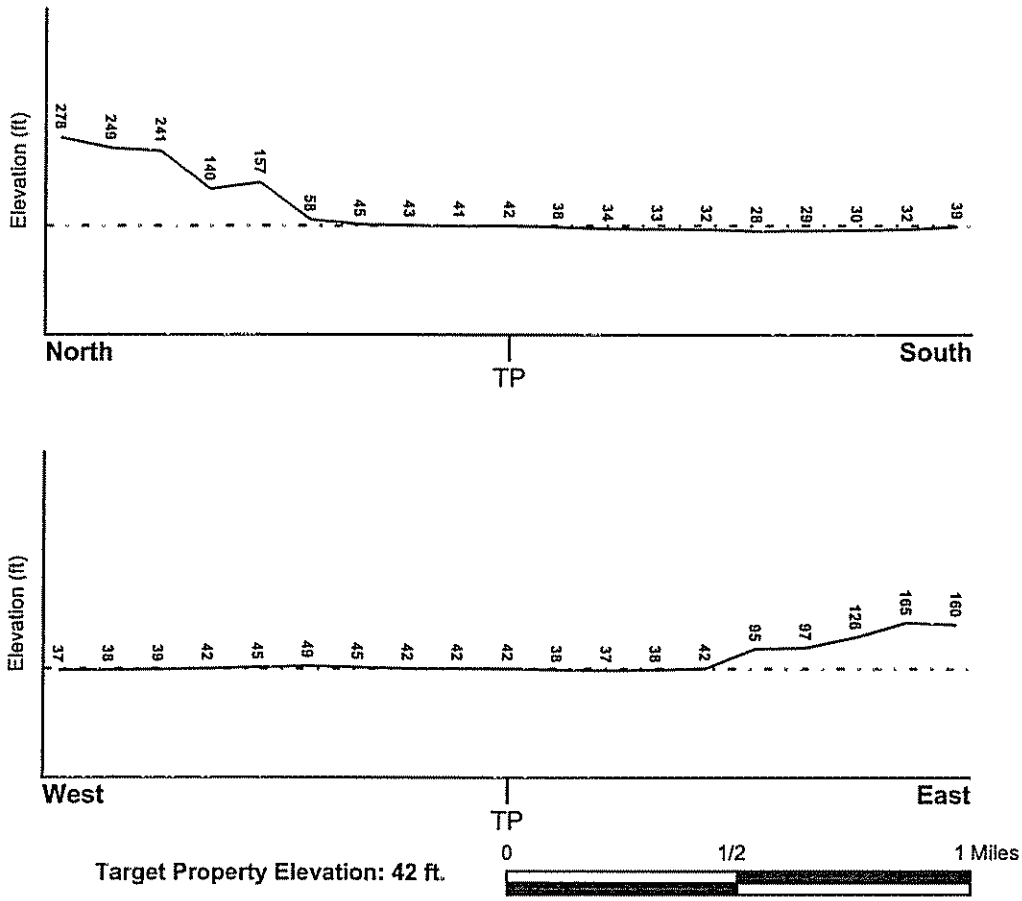
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
ALAMEDA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	0600130002B
Additional Panels in search area:	0600010080A 0600130001B 0600010090C 0600130003B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN LEANDRO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/4 - 1/2 Mile ENE	NW
2	1/2 - 1 Mile SE	NW
A3	1/2 - 1 Mile SE	NW
4	1/2 - 1 Mile SE	W
A5	1/2 - 1 Mile SE	NE, NW
6	1/2 - 1 Mile SE	NE, NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
7	1/2 - 1 Mile ESE	W

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

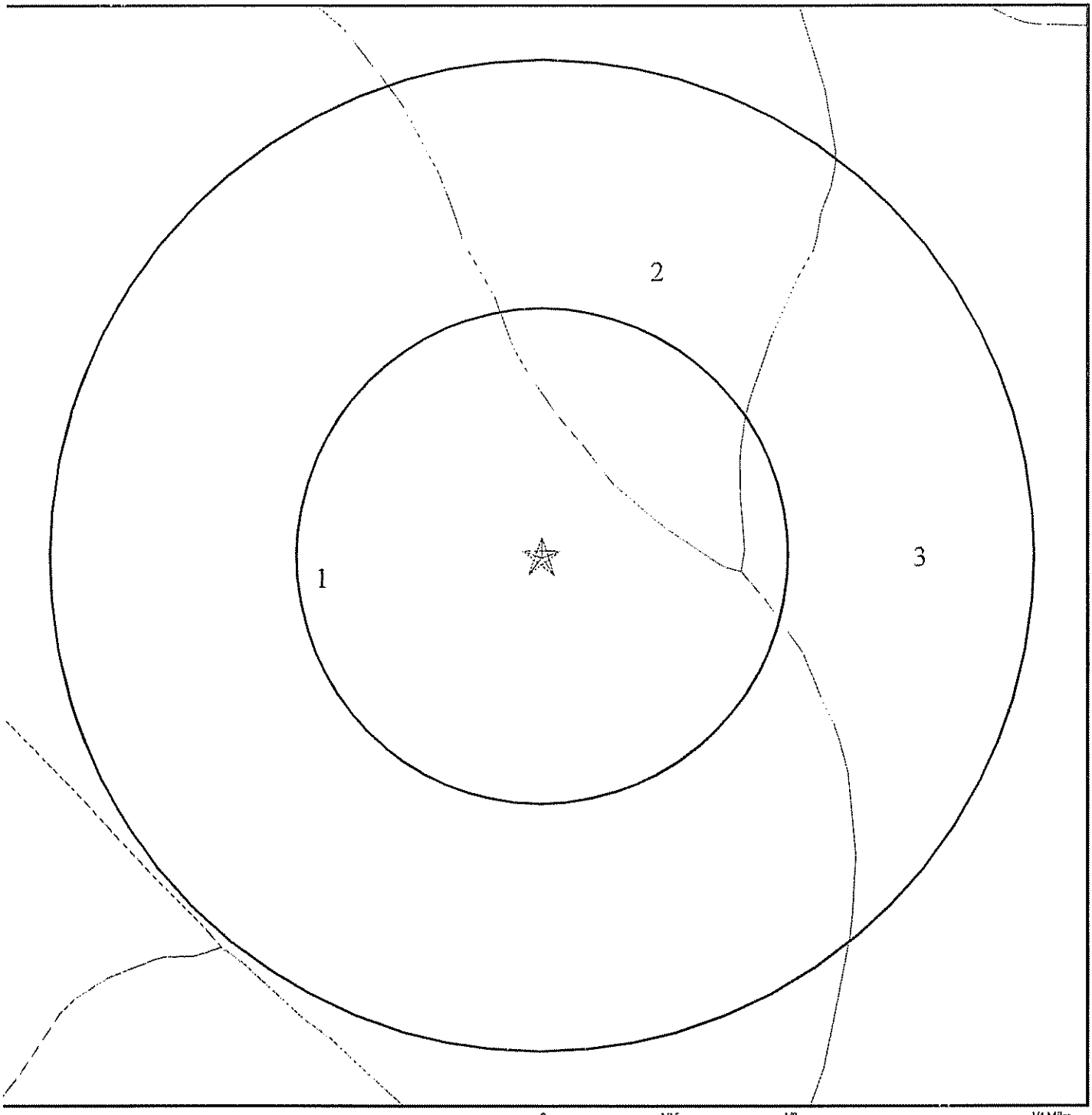
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 1731082.1s



☆ Target Property
SSURGO Soil
Water

SITE NAME:	Former Mobil Station 04-FGN	CLIENT:	ETIC
ADDRESS:	14994 East 14th Street San Leandro CA 94578	CONTACT:	Bryan Campbell
		INQUIRY #:	1731082.1s
LAT/LONG:	37.7058 / 122.1293	DATE:	August 08, 2006

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: BOTELLA

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 7.80 Min: 6.60
2	9 inches	33 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 6.60
3	33 inches	60 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.40

Soil Map ID: 2

Soil Component Name: DANVILLE

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information

	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	21 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.30 Min: 6.10
2	21 inches	53 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay	Max: 0.20 Min: 0.06	Max: 7.30 Min: 6.10
3	53 inches	80 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 6.60

Soil Map ID: 3

Soil Component Name: CLEAR LAKE

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. Depth to water table is less than 1 foot.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	26 inches	clay	Silt-Clay Materials (more than 35 pct. passing No 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more). Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
2	26 inches	60 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.90

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 1731082.1s

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Former Mobil Station 04-FGN ADDRESS: 14994 East 14th Street San Leandro CA 94578 LAT/LONG: 37.7058 / 122.1293	CLIENT: ETIC CONTACT: Bryan Campbell INQUIRY #: 1731082.1s DATE: August 08, 2006

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 ENE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1262 NW Not Reported Not Reported 12-17 01/11/1996	AQUIFLOW	52504
2 SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2910 NW Not Reported Not Reported 8.5 09/28/1992	AQUIFLOW	67598
A3 SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0178 NW 7.12 8.19 Not Reported 09/16/1994	AQUIFLOW	67597
4 SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported W 6.05 9.23 Not Reported 12/06/1994	AQUIFLOW	52511
A5 SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1164 NE, NW 1.5 8.5 Not Reported 03/06/1992	AQUIFLOW	67886
6 SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3745 NE, NW 9.5 10.0 Not Reported 09/10/1991	AQUIFLOW	67600
7 ESE 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1436 W Not Reported Not Reported 7.10 09/28/1989	AQUIFLOW	67884

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct > 4 Pci/L
94578	9	1	11 11

Federal EPA Radon Zone for ALAMEDA County: 2

Note: Zone 1 indoor average level > 4 pCi/L
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L
: Zone 3 indoor average level < 2 pCi/L

Federal Area Radon Information for Zip Code: 94578

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995 Prior to August 1995. the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater The groundwater data includes information on wells, springs. and other sources of groundwater

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984 It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

Attachment E

EBMUD 2005 Annual Water Quality Report

This report contains important information about your drinking water. Translate it, or speak with someone who understands it. To request a copy of this report in Spanish or Chinese, please call (510) 287-0138.

Este informe contiene importante información sobre el agua potable que usted consume. Tradúzcalo, hable con alguien que lo comprenda, o solicite un ejemplar de este informe en español llamando al (510) 287-0138.

這份報告包含有您飲用水的重要資訊。請翻譯該內容，或與了解內容的人討論，或者致電(510) 287-0138索取中文報告。

この報告書には、あなたの飲料水に関する重要な情報が含まれています。翻訳するか、理解できる人に相談してください。

본 보고서에는 귀하의 음료수에 관한 중요한 정보가 나와 있습니다. 번역을 부탁하거나 그 내용을 이해하시는 분으로부터 설명을 들으십시오.

របាយការណ៍នេះមានព័ត៌មានសំខាន់អំពីទឹកផឹក។ សូមបកប្រែ ឬនិយាយជាមួយអ្នកដែលយល់របាយការណ៍នេះ។

รายงานฉบับนี้มีข้อมูลสำคัญเกี่ยวกับน้ำดื่มของท่าน โปรดแปลรายงานฉบับนี้หรือพูดคุยกับผู้ที่เข้าใจเนื้อหาในรายงานนี้.

ລາຍງານສະບັບນີ້ມີຂໍ້ມູນສຳຄັນກ່ຽວກັບນ້ຳດື່ມຂອງທ່ານ. ໃຫ້ທ່ານແປເອກະສານນີ້ເປັນພາສາລາວ, ຫລືໃຫ້ທ່ານເວົ້າປຶກສາກັບຜູ້ທີ່ເຂົ້າໃຈເລື່ອງ.

ਇਸ ਰਿਪੋਰਟ ਵਿਚ ਤੁਹਾਡੇ ਪੀਣ ਵਾਲੇ ਪਾਣੀ ਬਾਰੇ ਜ਼ਰੂਰੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਗਈ ਹੈ। ਇਸਦਾ ਅਨੁਵਾਦ ਕਰੋ ਜਾਂ ਕਿਸੇ ਐਸੇ ਸ਼ਖਸ ਨਾਲ ਗੱਲ ਕਰੋ ਜੋ ਇਸ ਨੂੰ ਸਮਝਦਾ ਹੋਵੇ।

આ રિપોર્ટમાં તમારા પીવાના પાણી વિશેની અગત્યની માહિતી છે. એનો અનુવાદ કરો, અથવા જેને એની સમજણ પડતી હોય તેની સાથે વાત કરો.

इस रिपोर्ट में आपके पीने के पानी के बारे में महत्वपूर्ण जानकारी दी हुई है। इसका अनुवाद करें, या किसी ऐसे व्यक्ति से बात करें जो इसे समझता हो।

Здесь содержится информация о вашей питьевой воде. Переведите ее, или обратитесь к тому, кто это понимает.

U ovom izvještaju nalaze se važne informacije o vašoj vodi za piće. Prevedite ga ili razgovarajte sa nekim ko razumije ovaj izvještaj.

Bản báo cáo này có các thông tin quan trọng về nước uống của quý vị. Hãy chuyển ngữ tài liệu này, hoặc nói chuyện với người có thể hiểu được bản báo cáo này.

Ce rapport contient des informations importantes concernant votre eau potable. Faites-le traduire ou adressez-vous à quelqu'un qui est en mesure de le comprendre.

Ang ulat na ito ay naglalaman ng importanteng impormasyon tungkol sa inyong iniinom na tubig. Isalin ito, o makipag-usap sa isang taong nakakaintindi nito.

Ten raport zawiera ważne informacje dotyczące wody pitnej. Przetłumacz go, lub porozmawiaj z kimś, kto go rozumie.

Η έκθεση αυτή περιέχει σημαντικές πληροφορίες σχετικά με το πόσιμο νερό σας. Μεταφράστε την έκθεση ή μιλήστε με κάποιο άτομο που την κατανοεί.

Daim ntawv qhia no muaj cov lus qhia tseem ceeb txog koj cov dej haus. Muab txhais, los sis nrog ib tug neeg uas nkag siab txog qhov no tham.

דו"ח זה מכיל מידע חשוב על מי שתייה. תרגמו אותו או שאלו מישהו שמבין את תוכנו.

يحتوي هذا التقرير على معلومات هامة حول مياه الشرب التي تتناولها. ترجم التقرير أو تحدث إلى شخص يستطيع فهمه.

این گزارش حاوی اطلاعات مهمی در مورد آب آشامیدنی است. آن را ترجمه کنید یا ازکسی که مطالب آن را می فهمد سئوال کنید.

اس رپورٹ میں آپ کے پینے کے پانی سے متعلق اہم معلومات ہیں۔ اس کا ترجمہ کریں، یا کسی ایسے شخص سے بات کریں جو اسے سمجھتا ہو۔

Public Participation

EBMUD encourages public participation in decisions affecting drinking-water quality and other matters at its Board meetings, which take place the second and fourth Tuesdays of each month at 1:15 p.m., 2nd floor, 375 Eleventh Street, Oakland.

To speak with someone who can provide more information about water quality or to report a water quality concern, call 1-866-40-EBMUD (1-866-403-2683).

For comments and suggestions on ways to improve this report, call (510) 287-0143.

Additional Contacts

California Department of Health Services Drinking Water Branch - (510) 620-3463

U.S. Environmental Protection Agency Safe Drinking Water Hotline - (800) 426-4791

Local Health Departments:
Alameda County - (510) 267-8000
Contra Costa County - (925) 313-6712

EBMUD
375 Eleventh Street
Oakland, CA 94607
1-866-40-EBMUD
www.ebmud.com

PRESORTED
STANDARD
U.S. POSTAGE
PAID
DMI

EAST BAY MUNICIPAL UTILITY DISTRICT

WHY SHOULD I READ THIS REPORT?

This report provides important information about your water. It describes what is in it, where it comes from and how it is treated.

EBMUD

HOW DO I KNOW IF MY WATER IS SAFE?

The California Department of Health Services (CDHS) and the United States Environmental Protection Agency (USEPA) set standards that water providers must meet to protect your health.

In 2005, EBMUD water met every public health requirement set by CDHS and USEPA.

CDHS also requires all water suppliers in California to report water quality information each year to its customers through this water quality report.

Please read on or call 1-866-40-EBMUD for more information.

Nearly all of EBMUD water comes from the Mokelumne River watershed (shown above) in the Sierra Nevada, beginning about 90 miles east of the East Bay. A small amount also comes from rainfall and runoff into local reservoirs.

2005 WATER QUALITY REPORT

One of the most important factors in water quality is its source: the purer the source, the better the water. Ninety percent of EBMUD's water comes from the 577-square-mile watershed of the Mokelumne River, which collects Sierra Nevada snowmelt and flows into Pardee Reservoir in the Sierra foothills near the town of Valley Springs. The watershed on the west slope of the Sierra Nevada is mostly undeveloped land, little affected by human activity. The water travels to the East Bay in pipelines and is protected from pesticides, agricultural and urban runoff, municipal sewage and industrial discharges. Local East Bay watershed rainfall and runoff accounts for about 10 percent of the District's water supply.

Before the water comes to your tap, EBMUD takes many steps to ensure its quality and safety. This includes carefully managing and protecting watershed lands, treating the water, sampling and monitoring, analyzing results of the sampling and adjusting treatment, flushing pipes and reservoirs, and repairing pipes. See the diagram on pages 6-7 for more information on the water treatment process that EBMUD uses to protect your water.

LEAD & COPPER PROTECTIONS

Lead levels in EBMUD water are low and in 2005 were well within regulated limits. However, some customers tell us they want to know what they can do to reduce their exposure to lead in the home.

EBMUD is a water industry leader in lead reduction, and began 20 years ago replacing pipes, fittings and meters containing lead with other types of material. But, it is still possible that lead levels in your drinking water may be higher than other homes in your area as a result of material used in your home plumbing. There are a number of ways that you can reduce your potential exposure to lead:

- Use only the cold water tap for drinking, cooking or mixing infant formula. Flush the tap for 15 seconds or more before using.
- If you purchase new faucets, check with your plumbing supplier about products that are certified by NSF and comply with California Proposition 65 requirements to assure that they are made of no-lead brass.
- Soil, dust and older leaded paint can be significant sources of lead.

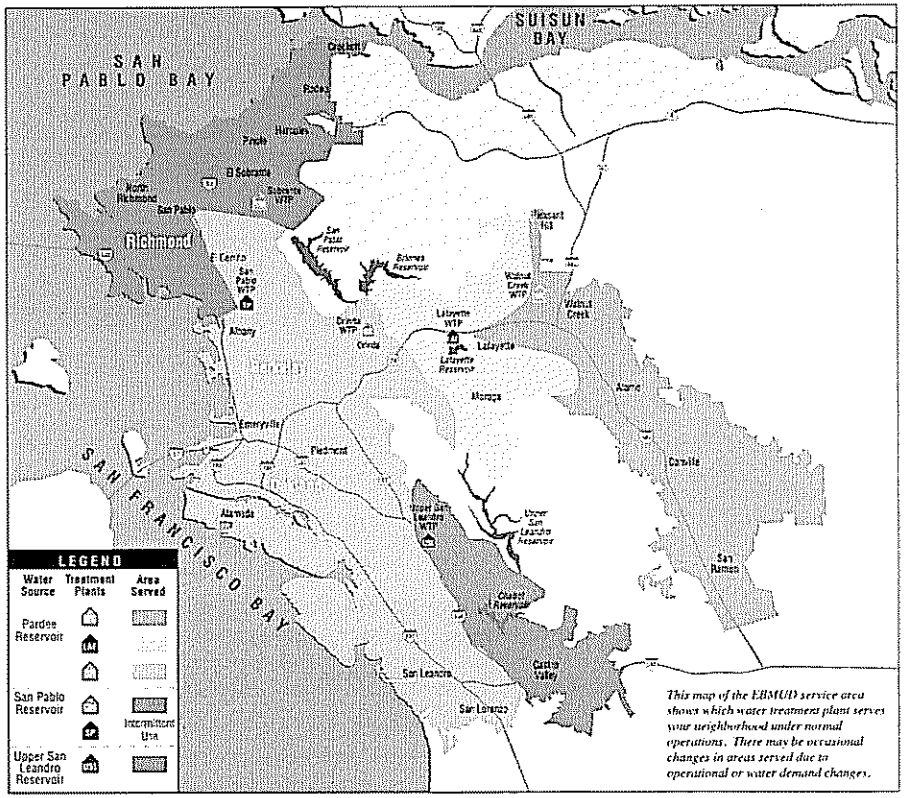
For information about reducing your exposure to lead in your home, contact the lead poisoning prevention programs of Alameda County - (510) 567-8280, or Contra Costa County - 1-866-FIX-LEAD.

Additional information, including information on home lead testing, is available from the USEPA Safe Drinking Water Hotline at (800) 426-4791 or from EBMUD at 1-866-40-EBMUD.

Like lead, levels of copper in EBMUD water are generally low and in 2005 fell well below regulated limits.

Use this table or the map on page 5 to find out which treatment plant serves your neighborhood. Then go to the chart on pages 4-5 (match the color and/or treatment plant name) to find water quality data for the water treatment plant that serves your neighborhood.

City Served	Treatment Plant
Alameda	Orinda
Alamo	Walnut Creek
Albany	Orinda
Berkeley	Orinda
Castro Valley	Upper San Leandro
Crockett	Sobrante
Danville	Walnut Creek
El Cerrito	Orinda
El Sobrante	Sobrante
Emeryville	Orinda
Hayward	Upper San Leandro
Hercules	Sobrante
Kensington	Orinda
Lafayette	Lafayette
Moraga	Lafayette
Oakland	Orinda/Upper San Leandro
Orinda	Orinda/Lafayette
Piedmont	Orinda
Pinole	Sobrante
Pleasant Hill	Walnut Creek
Richmond	Sobrante/Orinda
Rodeo	Sobrante
San Leandro	Upper San Leandro
San Lorenzo	Upper San Leandro
San Pablo	Sobrante
San Ramon	Walnut Creek
Walnut Creek	Walnut Creek/Lafayette



EBMUD tests your water daily to make sure it is safe to drink. We look for more than 100 substances in the water, including bacteria, pesticides and herbicides, asbestos, lead, copper, petroleum products, and by-products of industrial and water-treatment processes.

This table shows the measured level of substances detected at EBMUD water treatment plants *(see table or map on p. 2-3 to see which treatment plant normally serves your neighborhood)*. Only the substances that we detected in 2005 are listed in this chart.

You will see in the chart that there are different types of substances we're looking for. Regulations for *Primary Constituents* are designed to protect public health. Regulations for *Secondary Constituents* relate to the aesthetic qualities of your water such as taste and odor. *Unregulated Constituents* are chemical or microbial constituents that EBMUD is required to monitor, but no maximum contamintant levels (MCL) have been established. *In 2005 EBMUD met or surpassed all water quality regulations set by the California Department of Health Services (CDHS) and the United States Environmental Protection Agency (USEPA).*

Tables below list all drinking water constituents detected at the source, the treatment plant or the distribution system, where appropriate, in 2005

What did we find in your water?	What's the regulation?		What did we measure?							Did we meet the Regulation?	
Primary Drinking Water Constituents	**MCL or (MRDL)**	**PHG (MCLG) or (MRDLG)**	**Average**	**Walnut Creek Treatment Plant**	**Lafayette Treatment Plant**	**Orinda Treatment Plant**	**San Pablo Treatment Plant**	**Sobrante Treatment Plant**	**USL Treatment Plant**		**Typical Sources**
Microbiological Constituents - No coliform bacteria were detected in the water system in 2005. Turbidity has no health effects, but high levels of turbidity can interfere with disinfection and provide a medium for microbial growth.											
Turbidity (NTU), maximum level, except for Average	TT = 1 NTU	NS	0.04	0.08	0.06	0.06	0.05	0.13	0.12	YES	Soil runoff
Turbidity	TT ≥ 95% of the samples ≤ 0.3 NTU	NS	NR	100%	100%	100%	100%	100%	100%	YES	Soil runoff
Inorganic Constituents											
Aluminum (ug/L)	1000	600	<50	<50	<50	<50	<50-61	<50-64	<50-66	YES	Erosion of natural deposits; residue from some surface water treatment processes
Fluoride (naturally occuring) (mg/L)*	2	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.14	YES	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Chloramine Residual as Cl_2 (mg/L), maximum level, except for Average	[4]	[4]	1.9	2.4	2.2	3.3	2.8	3.3	3.0	YES	Drinking water disinfectant added for treatment
*Fluoride reported above reflect levels in the source waters. Fluoride was added in the range of 0.9 to 1.0 mg/L, to help prevent dental decay in consumers.											
Organic Constituents											
Acrylamide monomer in treatment chemical (percent of maximum dose allowed)	TT = Max. dose allowed	(zero)	0	0	0	0-1%	0	0-1%	0	YES	Added to water during water treatment
Control of DBP precursors (TOC)	TT	NS	NR	NR	NR	NR	Met reqmt	Met reqmt	Met reqmt	YES	Various natural and manmade sources
Haloacetic acids, 5 species (ug/L)	60	NS	16**	18-20	13-20	13-16	7	4-16	13-17	YES	By-product of drinking water chlorination
Trihalomethanes (ug/L)	80	NS	38**	36-53	38-58	27-51	29	21-40	27-42	YES	By-product of drinking water chlorination
**Highest Running Annual Average											
Constituents which have Secondary MCLs											
Aluminum (ug/L)	200	NS	<50	<50	<50	<50	<50-61	<50-64	<50-66	YES	Erosion of natural deposits; residue from some surface water treatment processes
Chloride (mg/L)	500	NS	7.7	3.8	3.7	4.3-6.3	11	13	12	YES	Runoff/leaching from natural deposits; seawater influence.
Color, color units	15	NS	2	3	<1	<1-5	2	3	<1	YES	Naturally-occurring organic materials
Odor–Threshold Odor Number (T.O.N.)	3	NS	2.1	1.1	1.3	<1-2.7	2.8	3	2.7	YES	Naturally-occurring organic materials
Specific Conductance (umhos/cm)	1600	NS	164	52	53	61-140	239	268	335	YES	Substances that form ions when in water; seawater influence.
Sulfate (mg/L)	500	NS	16.3	0.8	0.8	1.3-16	25	33	37	YES	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	1000	NS	101	40	38	40-88	140	160	200	YES	Runoff/leaching from natural deposits
Turbidity (NTU)	5	NS	0.04	0.08	0.06	0.06	0.05	0.13	0.12	YES	Soil runoff
Unregulated Constituents	**NL**	**PHG (MCLG)**	**Average**	**Walnut Creek**	**Lafayette**	**Orinda**	**San Pablo**	**Sobrante**	**USL**		**Typical Sources**
Boron (ug/L)	1000	NS	<100	<100	<100	<100	<100	<100	<100-103	NS	Runoff/leaching from natural deposits
N-Nitrosodimethylamine (NDMA), ng/L***	10	NS	3	<2-6	<2-9	<2-5	NR	<2-6	<2-6	NS	NDMA is widespread in the environment, but it is rapidly decomposed by sunlight. NDMA is used to plasticize polymers and may be produced as a by-product of chloramine and polymer use in water treatment.
***Sampled at representative distribution system taps.											
Lead and Copper	**AL**	**PHG**	**90th percentile Level Found**	**# of Sites found above the AL**							**Typical Sources**
Copper (ug/L) (regulated at 90th percentile)	1300	170	51	No sites out of 52 sites						YES	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ug/L)**** (regulated at 90th percentile)	15	2	5	3 sites out of 52 sites						YES	Internal corrosion of household plumbing systems; discharge from industrial manufacturers; erosion of natural deposits

****Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the USEPA Safe Drinking Water Hotline, (800) 426-4791.

TERMS USED

AL = regulatory action level. The concentration which, if exceeded, triggers treatment or other requirements that a water system must follow.

Cl_2 = Chlorine, measured disinfectant residual equivalent

DBP = disinfection by-products. Trihalomethanes (THMs), haloacetic acids (HAAs) and bromate are disinfection by-products, formed when chlorine and/or ozone reacts with natural constituents in water.

MCL = maximum contaminant level. The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible.

MCLG = maximum contaminant level goal. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency. Chloramine has a maximum residual disinfectant level goal instead of a MCLG.

mg/L = milligrams per liter, or parts per million (ppm)

MRDL = maximum residual disinfectant level. The level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

MRDLG = maximum residual disinfectant level goal. The level of a disinfectant added for water treatment below which there is no known or expected risk to health. MRDLGs are set by the U.S. Environmental Protection Agency.

ng/L = nanograms per liter, or parts per trillion (ppt).

NL = notification level. Notification levels are health-based advisory levels established by CDHS for chemicals in drinking water that lack MCLs.

NR = not required for meeting regulations

NS = no standard (MCL or PHG for example) established

NTU = nephelometric turbidity units

PHG = public health goal. The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

PDWS = Primary Drinking Water Standard. MCLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standard. MCLs set to protect odor, taste and appearance of drinking water.

TOC = total organic carbon. A measurement of organic compounds which could form by-products after disinfection. See DBP.

T.O.N. = threshold odor number, a measurement of odors in water.

Trihalomethanes = A group of contaminants in drinking water formed as a by-product of disinfection. See DBP.

TT = treatment technique, a required process intended to reduce the level of a contaminant in drinking water.

Turbidity = A measure of cloudiness of the water. See NTU.

ug/L = micrograms per liter, or parts per billion (ppb)

umhos/cm = *micro*mhos per centimeter, a measure of electrical conductance.

USL = Upper San Leandro

90th percentile = 90% of samples had lower values than required by the regulatory Action Level

INFORMATION FROM THE USEPA & CDHS

In order to ensure that tap water is safe to drink, the U. S. Environmental Protection Agency (USEPA) and the California Department of Health Services (CDHS) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The CDHS regulations also establish limits for contaminants in bottled water.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline at (800) 426-4791.

CONTAMINANTS IN DRINKING WATER

The sources of drinking water—both tap water and bottled water—include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses, bacteria and protozoa, such as Cryptosporidium, that may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals that can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Synthetic organic contaminants such as pesticides and herbicides that may come from a variety of sources, including agriculture, urban storm water and residential uses.
- Volatile organic contaminants from industrial processes and petroleum production, and from gas stations, urban storm water runoff, agricultural application and septic systems.
- Radioactive contaminants that can be naturally occurring or be the result of oil and gas production, and mining activities.

The following table includes measurements of other water quality constituents that might be of interest to our consumers:

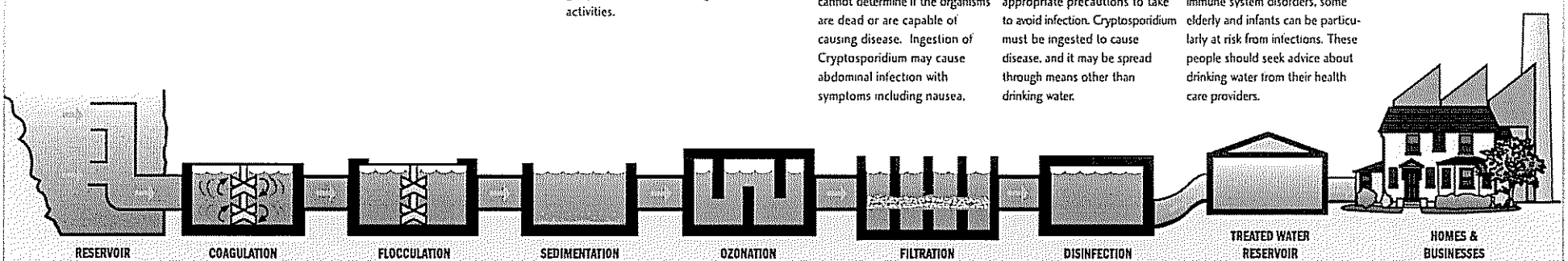
OTHER WATER QUALITY PARAMETERS	Walnut Creek Treatment Plant	Lafayette Treatment Plant	Orinda Treatment Plant	San Pablo Treatment Plant	Sobrante Treatment Plant	USL Treatment Plant
Alkalinity, Bicarbonate (mg/L as CaCO3)	17.2	17	16.9-37.5	63.8	75	113
Alkalinity, carbonate (mg/L as CaCO3)	0.8	0.8	1.6-2.2	2.4	2.8	4.2
Calcium (mg/L)	3.7-5.5	3.9-5.5	4.3-11	16.3-17.8	16-20	22.4-29
Hardness (mg/L as CaCO3)	14-23	12-23	14-56	63-86	60-77	93-120
Magnesium (mg/L)	0.7-1.3	0.7-1.3	0.8-2.7	5.0-5.7	4.9-6.7	9.0-12
pH (pH units)	8.7-9.4	8.7-9.0	8.6-9.3	8.6-8.9	8.5-8.8	8.6-8.9
Potassium (mg/L)	0.4-0.7	0.4-0.7	0.4-0.9	1-1.1	0.9-1.2	1.3-1.6
Silica (mg/L)	8.8-13.1	9.0-13.3	8.5-13.7	10.6-12.2	10.8-12.3	5.8-11.3
Sodium (mg/L)	4.3-6.1	4.3-6.2	5.3-12	22-23.7	20-25	22.9-28

Dishwashers and industrial cooling and process applications often need to know the hardness of the water in "grains per gallon." To convert the hardness values into grains per gallon, divide the values shown in the tables in milligrams per liter by 17. For example, hardness for areas served by Orinda Water Treatment Plant had a range from 14 to 56 mg/L, which is equivalent to 0.8 to 3.4 grains per gallon.

Cryptosporidium is a microbial contaminant found in surface water throughout the United States. Although filtration is highly effective in removing Cryptosporidium, the most commonly used filtration methods cannot guarantee 100 percent removal. Current test methods cannot determine if the organisms are dead or are capable of causing disease. Ingestion of Cryptosporidium may cause abdominal infection with symptoms including nausea, diarrhea and abdominal cramps. Most healthy individuals can overcome the disease within a few weeks. However, immuno-compromised people are at greater risk of developing life-threatening illness. We encourage immuno-compromised individuals to consult their physician regarding appropriate precautions to take to avoid infection. Cryptosporidium must be ingested to cause disease, and it may be spread through means other than drinking water.

Low Resistance—Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers.

USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline: (800) 426-4791 or www.epa.gov/safewater.



The Water Treatment Process

Source Water Protection EBMUD protects the watershed lands surrounding our reservoirs so that the water delivered to treatment plants is as clean as possible.

Coagulation Coagulants such as alum neutralize very small particles, allowing them to clump together.

Flocculation After coagulants are added, the water is gently mixed to cause sediment particles to combine and grow large enough to settle.

Sedimentation Water flows very slowly in sedimentation basins, allowing the particles to settle to the bottom.

Ozonation At the Sobrante and Upper San Leandro water treatment plants, ozone is used for disinfection, and taste and odor control.

Filtration Water flows through filter beds made up of layers of coal (anthracite), and sand. The coal and sand trap any particles remaining in the water.

Disinfection The addition of chlorine and chloramines (chlorine and ammonia) kills remaining microorganisms, providing protection against disease-causing organisms, such as bacteria or viruses.

Fluoridation Fluoride is added to prevent dental cavities.

Corrosion Control EBMUD adds calcium hydroxide (lime) or sodium hydroxide to the water to control corrosion in distribution pipes and consumers' plumbing. This also keeps substances like lead and copper from leaching out of plumbing into the drinking water.