AECOM
1220 Avenida Acaso
Camarillo, CA 93012

(805) 388-3775 tel
(805) 388-3577 fax

December 16, 2015

Mr. Keith Nowell
Alameda County Health Care Services Agency
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577
(*via internet upload*)

Subject: **Site Conceptual Model**
Unocal No. 5781 (351640)
3535 Pierson Street, Oakland, California
Fuel Leak Case No. RO0000253
GeoTracker Global ID #T0600101467

Dear Mr. Nowell,

On behalf of Chevron Environmental Management Company's (EMC's) affiliate, Union Oil Company of California ("Union Oil"), AECOM is pleased to present the Site Conceptual Model report in a tabular format for the site located at 3535 Pierson Street in Oakland, California (site) (**Figure 1**). The locations of the former and current site features are illustrated on **Figure 2**.

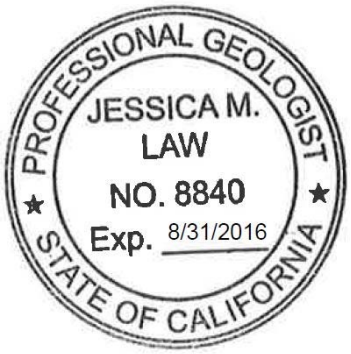
The SCM identifies delineation of groundwater impacts to the east of the MW-5 as a data gap. Preparation of a groundwater investigation work plan is planned. The groundwater investigation is intended to close the data gap.

The interpretations in this report represent AECOM's professional opinions. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended. If you have any questions regarding this project, please contact Chad Roper at (805) 764-4027.

Sincerely,

Chad Roper, PhD
Project Manager

Jessica M. Law, PG
Senior Geologist
Stamped: 12-16-15



ccs: Nicole M. Arceneaux, EMC (via electronic copy)
DeLong Liu, United Brothers Enterprise, Inc., property owner (via paper copy)

Enclosures:

Site Conceptual Model (in tabular format)

Figures

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Third Quarter 2015 Groundwater Elevation Map
Figure 4a	Subsurface Utilities Map
Figure 4b	Utility Map – Manholes and Depths
Figure 4c	Utility Map – Storm Drains and Creeks
Figure 5	Third Quarter 2015 Groundwater Analytical Data Map

Appendices

Appendix A	Boring Logs and Cross Sections
Appendix B	DWR Report
Appendix C	EDR report
Appendix D	Historical Soil Analytical Data
Appendix E	Groundwater Analytical Data

Nicole M. Arceneaux
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6912
Nicole.arceneaux@chevron.com

December 17, 2015

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

Re: **Unocal No. 5781 (351640)**
3535 Pierson Street, Oakland, California
Fuel Leak Case No. RO0000253
GeoTracker Global ID #T0600101467

I have reviewed the attached Site Conceptual Model dated December 16, 2015.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by AECOM, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13257(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Sincerely,

Nicole Arceneaux
Project Manager

Attachment: Site Conceptual Model

SCM Element	SCM Sub-Element	Description	Reference	Data Tables/Graphics	Data Gaps	Work to Address Data Gap
Site Description and Current Site Use		The site is an active 76 branded service station located at the northwestern corner of the intersection of Pierson Street and MacArthur Boulevard in Oakland, California (**Figure 1**). The current site configuration includes a station building, two 12,000-gallon gasoline underground storage tanks (USTs), and four dispensers on two islands (**Figure 2**). The station building consists of a market/deli (formerly a vehicle repair shop) and an office area. City of Oakland sewer easements cross the western and southeastern corner of the site. The site is located in a primarily residential area. To the north of the site is an off-ramp for east-bound Interstate 580 (I-580), to the east is MacArthur Boulevard and the Julia Morgan School for Girls (Mills College), to the south is Pierson Street and residential apartments, and to the west is the parking lot for the Kingdom Hall of Jehovah's Witnesses. The entire site is paved with concrete and asphalt.		Figure 1: Site Location Map Figure 2: Site Plan	None	NA
Geology/ Hydrogeology	**Regional**	The site is located in the San Francisco Bay area in Township 2 south, Range 3 west, in Section 3 (Mount Diablo Meridian) at an approximate elevation of 154 feet above mean sea level (AMSL) (**Figure 1**). The topography is generally flat with a coastal uplift approximately 1.5 miles to the east, and San Francisco Bay is located approximately 4.5 miles to the southwest. Geology: The site is located in the Coast Range Geomorphic Province, which is characterized by northwest-trending mountain ranges and valleys which run sub-parallel to the San Andreas Fault but are locally depressed in the San Francisco Bay area. The basement rocks consist of the San Franciscan Complex which is comprised of greywacke sandstones, radiolarian chert, shale, limestone, and lesser amounts of altered mafic volcanic rocks such as greenstone, serpentinite, and high-pressure metamorphic rocks, such as blueschist. Active thrust and transverse faults trend northwest to southeast in the vicinity of the site. The northwest-trending historically active Hayward transverse fault is located approximately 1,500 feet northeast of the site. The site is located on the western flank of the Oakland Hills which are underlain by the Quaternary San Antonio Formation and Holocene alluvium of the Temescal Formation. The San Antonio Formation consists of gravels with a silt and clay matrix. The Temescal Formation consists of alluvial deposits composed of unconsolidated, moderately sorted permeable silt with coarse sand and gravel (California Geological Survey 2002; 2010). Hydrogeology: The site is located in the Santa Clara Valley Groundwater Basin and the East Bay Plain Subbasin (California Department of Water Resources [DWR] 2004). Groundwater is designated as potential future beneficial use throughout the subbasin; however, drinking water is supplied to the area by the East Bay Municipal Utility District (EBMUD). EBMUD states that "EBMUD's water supply begins at the Mokelumne River watershed in the Sierra Nevada and extends 90 miles to the East Bay." Almost all drinking water in the area comes from surface water via Hetch Hetchy Reservoir, and shallow groundwater near the site is not used for domestic or municipal consumption currently nor is it planned to be used in the future (EBMUD 2015a; 2015b).	California Geological Survey. 2002. California Geomorphic Provinces – Note 36. California Geological Survey. 2010. Geologic Map of California at http://www.quake.ca.gov/gmaps/GMC/stategeologicmap.html DWR. 2004. California's Groundwater Bulletin – Santa Clara Valley Groundwater Basin, East Bay Plain Subbasin, February. EBMUD. 2015a. https://www.ebmud.com/about-us/who-we-are/service-area/, accessed on December 3, 2015. EBMUD. 2015b. https://www.ebmud.com/water-and-drought/about-your-water/water-supply/, accessed on December 3, 2015.	Figure 1: Site Location Map	None	NA
	Site	The site is located within a small plunging eastward-trending valley. Hills located to the south of the site rise 90 feet above the surface, and hills located to the north of the site are gently sloping and rise 110 feet above the surface. Geology: The majority of the site is underlain by fine-grained relatively low-permeability silt and clay which contain scattered deposits of clayey sand and silty sand to the depth explored (a maximum of 54 feet below ground surface (bgs). A zone of "well graded" and "poorly graded" gravel with silt and sand between 14 to 18 feet bgs was described in boring logs for MW-2, MW-A, SB-3, and SB-6. A similar more permeable zone within the same depth range was described by Delta as clayey sand with gravel and sandy clay in boring logs for MW-9 and MW-5, respectively (Delta Environmental, Inc. [Delta] 2010; 2011) (**Appendix A**). Hydrogeology: Groundwater appears to be locally semi-confined. Several borings drilled to the same depth as monitoring well MW-A were dry upon completion (Delta 2010; 2011). Additionally, groundwater in all monitoring wells purge dry during sampling and are very slow to recover (greater than 2-hour recovery time). Due to the slow recovery, no purge samples are collected and submitted for laboratory analysis if the wells do not recharge Therefore, the majority of the groundwater samples have not been purge samples. During the first quarter 2015 groundwater monitoring event, pre- and post-purge samples were collected to verify that pre-purge samples were representative of groundwater conditions, and it was concluded they are (AECOM 2015). The most recent groundwater monitoring event was conducted on September 7, 2015 (AECOM 2015). The depth to groundwater ranged from 3.85 to 16.83 feet below top of well casing (137.25 to 139.63 feet AMSL). The groundwater flow direction was calculated to the northeast with an average hydraulic gradient of approximately 0.04 feet per foot **Figure 3**). Historical groundwater contours and the most current contour by AECOM with all given data points within the same relative shallow aquifer suggests the site is in an area of groundwater convergence with a generally east/southeast trending swale which is consistent with the site's topographic setting. The presence of this swale leads to shifts in the groundwater flow direction and the groundwater elevations rise and fall.	Delta. 2010. *Assessment Report, Site Conceptual Model Update, and Additional Assessment Workplan*, July 30. Delta. 2011. *Monitoring Well Installation and Status Report* , January 31. AECOM. 2015. *Third Quarter 2015 Groundwater Monitoring Report*, October 14.	Appendix A: Boring Logs, Geological Cross Sections Figure 3: Third Quarter 2015 Groundwater Elevation Map	None	NA
Surface Water Bodies		Two surface water bodies are within a half mile of the site, Damon Slough (775 feet south) and Lion (Leona on**Figure 1**) Creek (525 feet southeast). Other surface water bodies are an unnamed pond on the Mills College campus located 2,800 feet east of the site. EBMUD's Thirty-Ninth Avenue Reservoir is located approximately 3,900 feet to the north. Peralta Creek is located approximately 1 mile to the northwest (Google Earth 2014; Delta 2010).	Google Earth. 2014. 37° 46' 59.29"N, 122° 11' 22.91"W, Google Earth. Accessed: March 27, 2014. Delta. 2010. Assessment Report, Site Conceptual Model Update, and Additional Assessment Workplan, July 30.	Figure 1: Site Location Map	None	NA
Nearby Wells		The total depths of domestic wells within the subbasin reportedly range from 32 to 525 feet with an average of 206 feet. Total depth of municipal and irrigation wells range from 29 to 630 feet with an average of 191 feet (DWR 2004). Previous reports indicated four wells were located on East Bay Regional Park District land, located approximately 2,200 feet northeast of the site (Delta 2010). A December 2013 review of DWR well records for a 2-mile radius of the site did not include any wells associated with the East Bay Regional Park District near the site (DWR 2013) (**Appendix B**). Four irrigation or water wells with total depths of approximately 300 and 350 feet bgs are listed for Mills College. The State Water Resources Control Board's GeoTracker database indicates that Mills College is prohibited from extracting groundwater at any depth without approval as a condition of closure for case RO000155 (T0600100899) (State Water Resources Control Board 2015). Alameda County Public Works (APCW) well search was submitted on February 28, 2014, and received on September 14, 2015 (marked as confidential and sent to ACEH at the same time). Alameda County Public Works confidential well search indicates four irrigation wells, no domestic wells, and no municipal wells within a 1-mile radius of the site which is in agreement with the DWR report.	Delta. 2010. Assessment Report, Site Conceptual Model Update, and Additional Assessment Workplan, July 30. DWR. 2004. California's Groundwater Bulletin – Santa Clara Valley Groundwater Basin, East Bay Plain Subbasin, February. DWR. 2013. 2-mile radius well search, requested by AECOM, December 2013. State Water Resources Control Board.(2015). http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100899, Accessed: December 4, 2015.	Appendix B: DWR Report	None	NA
Nearby Release Sites		No specific off-site sources have been identified in historical investigations. Based on a review of the State Water Resources Control Board's GeoTracker database, one potential off-site source has been identified within approximately a quarter mile of the site. The Exxon station site (case No. 01-2209) was located approximately 1,200 feet east/northeast and considered closed on March 20, 1997. Additionally, two permitted UST facilities are located within a quarter mile of the site. The Tosco Facility permitted UST is located approximately 200 feet west/southwest and the Mills College permitted UST is approximately 300 feet east/southeast (State Water Resources Control Board 2014). AECOM found no definitive records of potential past sources on adjacent properties that would adversely impact the site. There are no nearby release sites with open cases under Alameda County Local Oversight Program/San Francisco Bay Regional Water Quality Control Board (Region 2) (Environmental Data Resources [EDR] 2012).	State Water Resources Control Board. 2014. California GeoTracker Database, site Global ID # T0600101467, accessed on March 26, 2014. EDR. 2012. Inquiry Number: 3410953.7s, September 25, 2012.	Appendix C: EDR Report	None	NA
Potential Receptors		A review of data provided by EDR (**Appendix C**) identified the following four sites as potential sensitive receptors within a quarter mile of the site: • Mills College Children's School (Julia Morgan School for Girls) is located approximately 300 feet east of the Site across MacArthur Boulevard at 5000 MacArthur Boulevard. • Williams, Jacobeline, and James site (type unspecified) is located approximately 760 feet southwest. • Tilden Child Development Center (Tilden Preschool) is located approximately 1,360 feet north at 4551 Steele Street. • The Trinity House, for transitional homeless housing, located approximately 990 feet north/northeast.	EDR., 2012. Inquiry Number: 3410953.7s, September 25, 2012	Appendix C: EDR Report	None	NA

SCM Element	SCM Sub-Element	Description	Reference	Data Tables/Graphics	Data Gaps	Work to Address Data Gap
Site History and Ownership		Prior to 1967: Vacant land, undeveloped (Delta 2008). 1967: Installation of one 10,000-gallon premium gasoline UST, one 10,000-gallon unleaded gasoline UST, and one 280-gallon waste-oil UST at the site (Delta 2008). December 1989: Two 10,000-gallon fuel USTs, one 280-gallon waste-oil UST, and associated product piping removed. A hole was observed in the waste-oil UST. A sewer easement is present on the site to the southwest of the waste-oil UST. Seven confirmation soil samples were collected from the gasoline UST excavation and product piping trench (Delta 2008). February 1990: The first-generation waste-oil UST pit was overexcavated to 16 feet bgs. The excavation was reported to extend 35 feet to the east, 10 feet to the west, 15 feet to the south, and 2 feet to the north from the waste-oil UST location. Approximately 50 cubic yards of soil was removed. Further excavation was not possible due to utility lines in the area. The gasoline UST pit was not overexcavated due to low hydrocarbon concentrations in samples from the sidewalls and bottom of the excavation. No holes or cracks were observed in the gasoline USTs. After confirmation sampling, approximately 5,000 gallons of groundwater was removed from the gasoline UST excavation and disposed of off-site (Delta 2008). April 1990: Three soil borings were advanced to collect soil samples in the vicinity of the USTs. Soil boring MW1 (total depth of 50 feet bgs) was located adjacent to the former (second generation) waste-oil UST. Soil borings MW2 (total depth of 39.5 feet bgs) and MW3 (total depth of 40 feet bgs) were located adjacent to the gasoline USTs in the eastern portion of the site (**Figure 2**). The three soil borings were intended to be converted into monitoring wells; however, groundwater was not encountered and the boreholes were grouted. Soil samples were collected at 5-foot intervals (generally) to each soil boring's total depth. Total petroleum hydrocarbons (TPH) as gasoline (TPHg), TPH as diesel (TPHd), TPH as motor oil (TPHmo), benzene, toluene, ethylbenzene, and total xylenes (BTEX) were not detected above laboratory reporting limits in the soil samples collected (Delta 2008). July 1990: Two soil borings (EB1 and EB2) were advanced near the location of the former (first generation) waste-oil UST excavation. The soil borings were drilled to depths of 34.5 and 38 feet bgs, respectively. Groundwater was encountered at 33.5 feet bgs in EB1 and at 36.7 feet bgs in EB2; therefore, groundwater samples were collected from both soil borings (Delta 2008). December 1990: A 2-inch-diameter monitoring well (MW-A) was installed approximately 15 feet south of the former (first generation) waste-oil UST to a depth of 45 feet bgs. Groundwater was encountered at 33 feet bgs during the well installation. A groundwater sample was collected on December 18, 1990 (Delta 2008). October 2003: TRC, Inc. (Delta 2008) preformed a baseline site assessment, advancing five soil borings (SB-1 through SB 5) around the dispenser islands and USTs, and one near the second-generation waste-oil tank. April 2008: Delta removed the second-generation waste-oil UST and collected four soil samples (WO1 through WO4) from the excavation (**Figure 2**). The samples were all non-detect for all analyses; therefore, no overexcavation was conducted. The stockpiled soil was backfilled into the tank cavity following receipt of the laboratory results and the tank was not replaced (Delta 2008). March 2010: Delta advanced four soil borings (SWC-2, SWD-2, SB-6, and SB-7) to carry out recommendations made in the 2008 Site Conceptual Model. Three soil borings (SWC-2, SWD-2, and SB-7) were located near the former first-generation waste-oil UST and one soil boring (SB-6) was located east of the site's current fuel USTs (Delta 2010a) (**Figure 2**). April 2010: The sidewall of the manhole cover #2 (MH-2) , located approximately 10 feet west of MW-4, was observed to be leaking liquid into the storm drain. Innovative Construction Solutions (ICS) placed a permanent patch on the sidewall of the manhole cover that had been observed seeping water into the storm drain. Follow-up inspections and photoionization detector (PID) observations of the manhole sidewall repair indicated the repair was intact and no further water was seeping into the storm drain manhole (Delta 2010a). June 2010: Soil boring SB-8 and monitoring wells MW-4 and MW-5 were installed to the south and southeast of the UST location. The addition of the wells was to evaluate subsurface geology and the lateral extent of petroleum hydrocarbon concentrations in the soil and groundwater to the south and east of the existing USTs. Delta collected a grab groundwater sample from SB-8 and collected groundwater samples from MW-4 and MW-5 by purging. Groundwater samples collected from SB-8 had a concentration of TPHd at 99 micrograms per liter (µg/L), TPHg at 73 µg/L, and methyl tertiary butyl ether (MTBE) at 53 µg/L. After development, monitoring well MW-4 had groundwater concentrations of TPHg at 58 µg/L , toluene at 9.7 µg/L, ethylbenzene at 1.3 µg/L, total xylenes at 16 µg/L, and MTBE at 5.4 µg/L. Also after development, monitoring well MW-5 had concentrations of TPHd at 3,000 µg/L, TPHg at 29,000 µg/L, benzene at 580 µg/L, toluene at 6,800 µg/L, ethylbenzene at 850 µg/L, and total xylenes at 7,200 µg/L (Delta 2010b). A utility survey was conducted in response to a request by ACEH in its letter dated May 21. 2010. A sewer line was not identified in the area designated "sewer easement," noted on various historical site plans in the eastern portion of the service station property. An inspection of the sewer manhole located in Pierson Street did not identify an inlet emanating from the station property. A survey using ground penetrating radar (GPR) was also performed on the site, including the area identified as the sewer easement in the eastern portion of the site. No anomalies were noted during the GPR survey to indicate any subsurface sewer line in this area. Also, a review of the City of Oakland utility figures show this possible sewer line with a "dashed" line while other sewer lines identified during the June survey are shown as "solid" lines. Delta could not speculate the origination of the sewer easement shown on various figures, but reported that no evidence of the sewer line was found during utility survey activities (Delta 2010b). November 2010: Four additional groundwater monitoring wells (MW-6 through MW-9) were installed on-site (Delta 2011). June 2015: AECOM conducted a site assessment investigation at the request of ACEH. Six soil borings were advanced to depths between 18 and 24 feet bgs. Soils were logged and sampled, and groundwater samples were collected where available. TPHmo concentrations above the commercial/industrial environmental screening level (ESL) for shallow soil were detected (SB-11 at 2, 5, and 10 feet bgs with concentrations of 1,300, 2,600, and 6,100 mg/kg, respectively). TPHd was detected above the ESL in one sample from SB-11 at 10 feet bgs, at 370 mg/kg. Off-site soil hydrocarbon concentrations in SB-13, SB-14, and SB-15 were found to be below ESLs. Dissolved-phase concentrations in groundwater grab samples from SB-13 revealed a TPHg concentration of 44,000 µg/L . Benzene and MTBE were not detected at SB-13. Site is owned by United Brothers Enterprises Inc. represented by Mr. Delong Liu.	Delta. 2008. *Site Conceptual Model*, November 20. Delta. 2010a. *Assessment Report - Monitoring Well Installation Work Plan and Storm Sewer Repair Comments* , May 7. Delta. 2010b. *Assessment Report - Site Conceptual Model Update, and Additional Assessment Workplan*, July 30. Delta. 2011. *Monitoring Well Installation and Quarterly Status Report* , January 31. AECOM. 2015. *Site Assessment Report* , July.	Figure 2: Site Plan Appendix D: Soil Analytical Data Appendix E: Groundwater Analytical Data	None	NA
Utilities and Preferential Pathways		ACEH requested a utility survey in a letter dated May 21, 2010 . The utility survey was performed in June 2010 and no sewer line was identified in the eastern portion of the service station included on previous site plans for the property. An inspection of the sewer manhole located in Pierson Street did not identify an inlet emanating from the station property. A survey using GPR was also performed at the site, including the area identified as the sewer easement in the eastern portion of the site (**Figure 4a**). No anomalies were noted during the GPR survey to indicate any subsurface sewer line in this area. Also, a review of the City of Oakland utility figures show this possible sewer line with a "dashed" line while other sewer lines identified during the June survey are shown as "solid" lines (**Figure 4b**). Delta could not speculate the origination of the sewer easement shown on various figures, but reports that no evidence of the sewer line was found during utility survey activities on the eastern portion of the property (Delta 2010). A sewer line was identified in the western portion of the property by Delta (2010) along the sewer the easement. This line ranges from 3 to 6 feet bgs (**Figure 4c**).	Delta. 2010. *Assessment Report, Site Conceptual Model Update, and Additional Assessment Workplan*, July 30.	Figures 4a, 4b, 4c: Utility Maps	None	NA

SCM Element	SCM Sub-Element	Description	Reference	Data Tables/Graphics	Data Gaps	Work to Address Data Gap
Distribution of Petroleum Hydrocarbons	**Soil**	Thirty-three borings have been advanced at the site to a maximum depth of 54 feet bgs. Soil concentrations in the deepest samples from each boring were below applicable SFBRWQCB commercial/industrial ESLs, except for monitoring well MW-5 (53 mg/kg MtBE nad 0.5 mg/kg 1,2-dichloroethane at 24 ft bgs) . SB-3 was collected 3 feet north of MW-5 and was nondetect for all analyses at 45 feet bgs. Therefore, site vertical delineation is complete. Lateral soil delineation is also complete for the site. Site soil concentrations were compared to Table 1 in the Low-Threat Closure Policy for Direct Contact and Outdoor Air Exposure, and the results are as follows: Benzene: no exceedances, W01 exceeded (5.4 mg/kg) the residential level of 2.8 mg/kg from 5 to 10 feet bgs but was subsequently excavated. Ethylbenzene: no exceedances. Naphthalene and PAHs: Not detected during second-generation waste-oil UST (2008) removal, not analyzed during the first-generation waste-oil UST (1990) removal or overexcavation. PAHs and naphthalene were non-detect in the June 2015 investigation.	Delta. 2010. *Assessment Report, Site Conceptual Model Update, and Additional Assessment Workplan*, July 30. SFBRWQCB, 2013, *Lookup Tables* , December. AECOM. 2015. *Site Assessment Report,* July.	Appendix A: Boring Logs, Geological Cross Sections. Appendix D : Soil Analytical Data	None	NA
	Free Product	Free product was observed in MW-5 at a depth of 15.64 feet and a thickness of 0.39 feet during the fourth quarter of 2012. Weekly free product monitoring was performed immediately after the initial observation: • November 15, 2012: Heavy product sheen less than 0.01 feet thick observed, depth to water was 13.88 feet bgs. • November 29, 2012: No product sheen observed, depth to water was 12.19 feet bgs. • December 12, 2012: No product sheen observed, depth to water was 12. 23 feet bgs. The appearance of free product in 2012 coincided with a decrease in the water table elevation. This residual free product was likely trapped below the water table and surfaced with the decrease in the water table elevation. Free product has not been observed again in MW-5 since November 15, 2012, and the water table has fluctuated from 12.02 to 17.03 feet bgs since the fourth quarter 2012 in well MW-5.	AECOM. 2015. *Third Quarter 2015 Groundwater Monitoring Report*, October 14.		None	NA
	Groundwater	With the exception of MW-5, during the third quarter 2015 groundwater monitoring event, all constituents were below the applied laboratory practical quantitation limit. Delineation is complete in all directions except to the east of MW-5 as groundwater flow varies to the east. TPHd detections: Past records do not indicate diesel fuel storage/dispensing and laboratory reports have indicated that "chromatogram is not typical of diesel". Monitoring well MW-A is screened in a deeper portion of the aquifer on the western portion of the site, and no impacts above ESLs have been observed since March 2001 (**Figure 5**).	AECOM. 2015. *Third Quarter 2015 Groundwater Monitoring Report*, October 14.	Appendix E: Groundwater Analytical Data Figure 5: Third Quarter 2015 Groundwater Concentration Map	June 2015 grab groundwater sampling for SB-13 indicates that the impacts to MW-5 are not delineated to the east.	Prepare workplan for groundwater investigation to the east of MW-5.
	Soil Vapor	Soil vapor has not been investigated at this site. The site is an active service station and, therefore, qualifies for the exemption to the Low-Threat Closure Policy Petroleum Vapor Intrusion to Indoor Air criteria. Benzene has been detected at a maximum concentration of 2.3 mg/kg in site soil (SW-A at 9 feet bgs on February 22, 1990), but has not been detected in site soil since. In June 2015 benzene and TPHg were not detected in any soil samples collected from less than 10 feet bgs. TPHmo was detected for SB-11 at concentrations above 100 mg/kg but not at any of the other soil borings. Motor oil range hydrocarbons are not expected to be a vapor intrusion risk, but affect the presence of an attenuation zone at that location.		Appendix D: Soil Analytical Data Appendix E: Groundwater Analytical Data	None	NA
Remedial Actions	**Excavation**	**December 1989:** Two 10,000-gallon fuel USTs, one 280-gallon waste-oil UST, and associated product piping were removed. A hole was observed in the waste-oil UST. Seven confirmation soil samples were collected from the gasoline UST excavation and product piping trench. The samples were analyzed for TPHg, benzene, and TPHmo. TPHg was reported at 15 mg/kg and 46 mg/kg in the two sidewall samples from the gasoline UST pit at a depth of 10.5 feet bgs. TPHg was also reported for two of the three locations at the base of the excavation (12.5 feet bgs) at 3.5 mg/kg and 5.8 mg/kg. Benzene was reported in one of the two sidewall samples at 0.65 mg/kg, and in one of the three excavation base samples at 0.1 mg/kg. TPHg and benzene were below the laboratory reporting limits in the two soil samples collected from beneath the product piping at 5.5 and 6 feet bgs. After confirmation sampling, approximately 5,000 gallons of groundwater was removed from the excavation and disposed of off-site. A water sample was collected from the gasoline UST excavation after recharge. TPHg was detected at 7,900 µg/L and benzene at 850 µg/L (Delta 2010). The soil sample from beneath the first-generation waste-oil UST contained concentrations of TPHd at 8,300 mg/kg, Total Oil and Grease at 48,000 mg/kg, TPHg at 670 mg/kg, and benzene at 5.4 mg/kg. The sample additionally contained concentrations of chromium at 8.3 mg/kg, lead at 340 mg/kg, and zinc at 70 mg/kg (Delta 2010). **February 1990:** The first-generation waste-oil UST pit was overexcavated to 16 feet bgs. The excavation was reported to extend 35 feet to the east, 10 feet to the west, 15 feet to the south, and 2 feet to the north from the waste-oil UST location. Approximately 50 cubic yards of soil was removed. Further excavation was not possible due to utility lines in the area. The gasoline UST pit was not overexcavated due to low concentrations on the sidewalls and bottom of the excavation. No holes or cracks were observed in the gasoline USTs. After confirmation sampling, approximately 5,000 gallons of groundwater was removed from the excavation and disposed of off-site. (Delta 2010). Soil samples were collected from the base of the deepened excavation along with four sidewall samples (SWA through SWD). Total Oil and Grease was reported in sample SWA (adjacent to the building) at 17,000 mg/kg, in sample SWB at 4,100 mg/kg, and in sample SWD at 6,400 mg/kg. TPHmo was detected in sample WO-16 at 910 mg/kg. The highest concentrations of TPHd, TPHg, and benzene were reported in sample SWA at 1,400 mg/kg, 220 mg/kg, and 2.3 mg/kg, respectively. Further excavation was terminated due to the presence of underground sewer and gas lines to the south and west and the site building to the north. Historical soil and groundwater sample results are provided in **Appendices D** and **E**, respectively, and historical sample locations are shown on Figure 2.	Delta. 2010. *Assessment Report, Site Conceptual Model Update, and Additional Assessment Workplan*, July 30.	Figure 2: Site Plan Map Appendix D: Soil Analytical Data Appendix E: Groundwater Analytical Data	None	NA

Notes:

NA = Not applicable

Figures

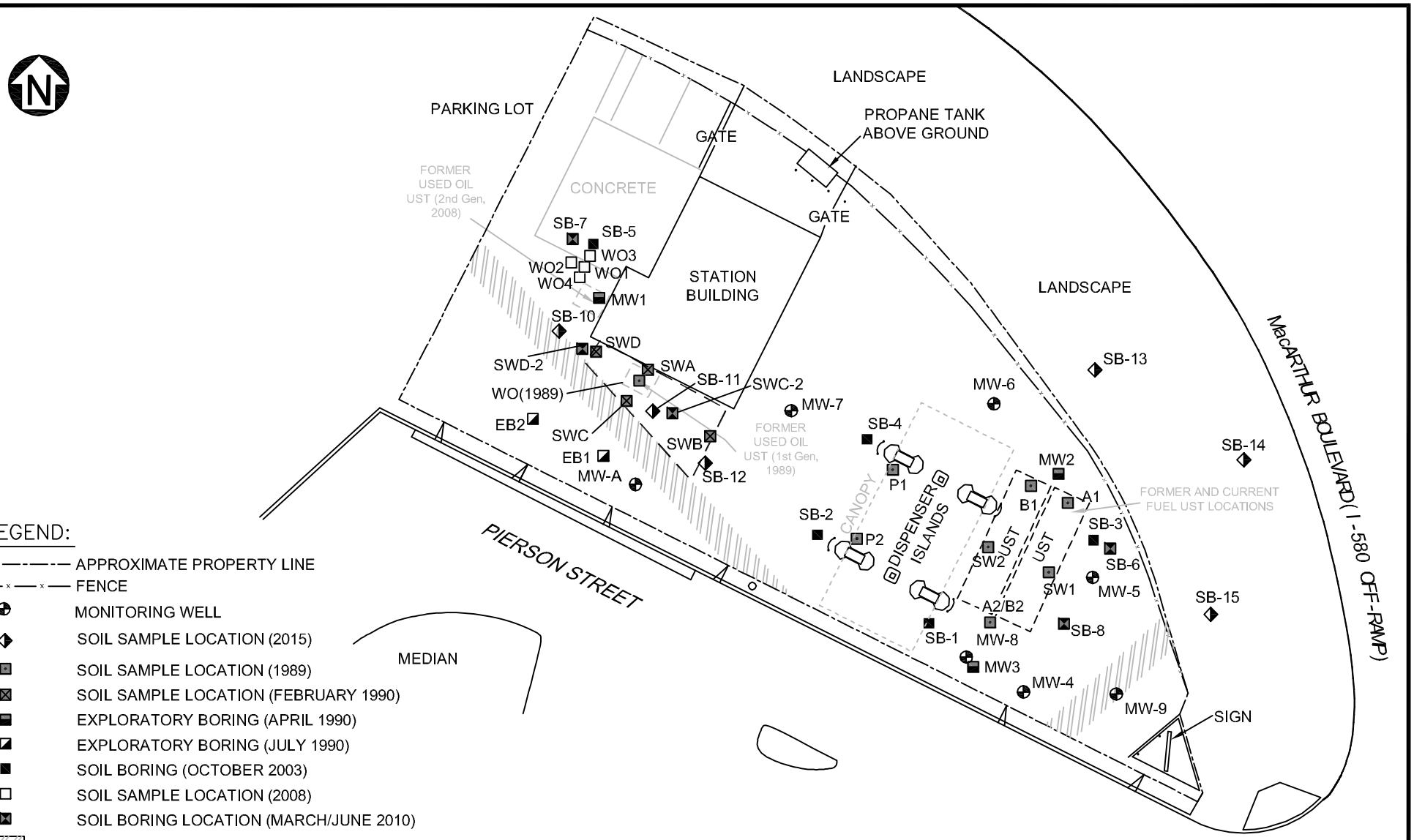
AECOM
1220 AVENIDA ACASO
CAMARILLO, CALIFORNIA 93012
PHONE: 805.388.3775
FAX: 805.388.3557
WEB: HTTP://WWW.AECOM.COM

SITE LOCATION MAP

Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

FIGURE NUMBER:
1

DRAWN BY:	DATE:	PROJECT NUMBER:	SHEET NUMBER:
T. Quiroz	09/30/2015	60338852	1 of 1



LEGEND:

- APPROXIMATE PROPERTY LINE
- FENCE
- MONITORING WELL
- SOIL SAMPLE LOCATION (2015)
- SOIL SAMPLE LOCATION (1989)
- SOIL SAMPLE LOCATION (FEBRUARY 1990)
- EXPLORATORY BORING (APRIL 1990)
- EXPLORATORY BORING (JULY 1990)
- SOIL BORING (OCTOBER 2003)
- SOIL SAMPLE LOCATION (2008)
- SOIL BORING LOCATION (MARCH/JUNE 2010)
- SEWER EASEMENT
- EXCAVATION EXTENTS

Notes:
UST = underground storage tank

SITE PLAN

RO253, Unocal #5781 (351640)
3535 Pierson Street, Oakland, California

SCALE:	DATE:	PROJECT NUMBER:
1" = 30'	12/3/2015	

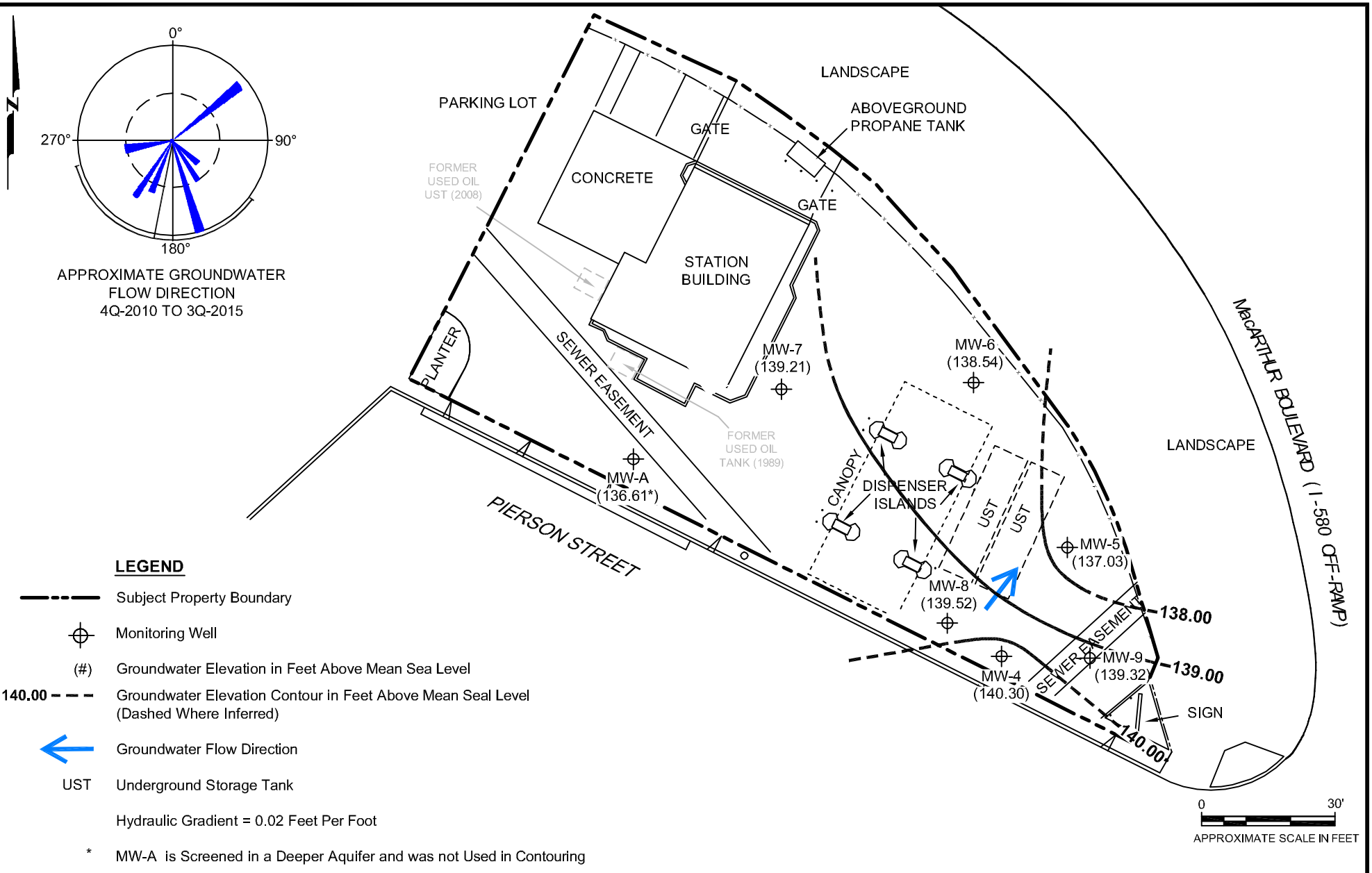
AECOM
2020 L STREET, SUITE 400
SACRAMENTO, CALIFORNIA 95811
PHONE: (916) 414-5800
FAX: (916) 414-5850
WEB: HTTP://WWW.AECOM.COM

DESIGNED BY:	
DRAWN BY:	JH
CHECKED BY:	JL
APPROVED BY:	JH

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

FIGURE NUMBER: 2

J:\CLIENT-PROJECTS\76_PRODUCTS\351640_5781_OAKLAND_3535_PIERSON_ST\7.0 DELIVERABLES\7.2 CADD\SITE ASSESSMENT REPORT\FIG2_SITE_MAP_20151203.DWG



LEGEND

- Subject Property Boundary
- Monitoring Well
- (#) Groundwater Elevation in Feet Above Mean Sea Level
- 140.00 Groundwater Elevation Contour in Feet Above Mean Seal Level (Dashed Where Inferred)
- Groundwater Flow Direction
- UST Underground Storage Tank
- Hydraulic Gradient = 0.02 Feet Per Foot
- * MW-A is Screened in a Deeper Aquifer and was not Used in Contouring

THIRD QUARTER 2015 GROUNDWATER ELEVATION MAP

UNOCAL NO. 5781 (351640)
3535 PIERSON STREET, OAKLAND, CALIFORNIA

SCALE:	DATE:	PROJECT NUMBER:
1" = 30'	09/30/2015	60338852

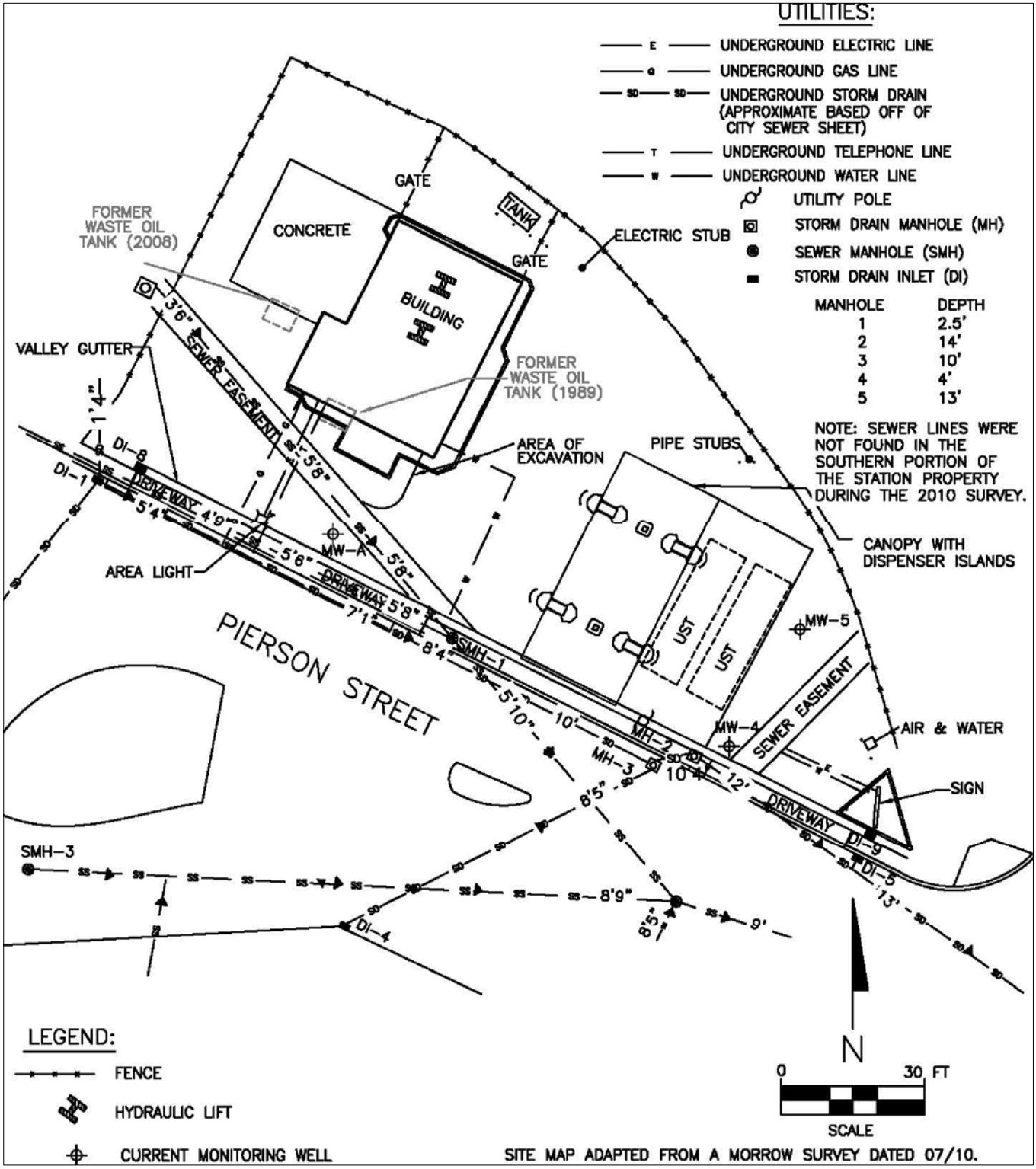
AECOM
1220 AVENIDA ACASO
CAMARILLO, CALIFORNIA 93012
PHONE: 805.388.3775
FAX: 805.388.3557
WEB: HTTP://WWW.AECOM.COM

DESIGNED BY:	
DRAWN BY:	TQ
CHECKED BY:	DF
APPROVED BY:	CR

REVISIONS			
NO.:	DESCRIPTION:	DATE:	BY:

FIGURE NUMBER: 3

J:\CLIENT-PROJECTS\76_PRODUCTS\351640_5781_OAKLAND_3535_PIERSON_ST\7.0 DELIVERABLES\7.2 CADD\CSM\FIGURE 3_GWE_351640_3Q15.DWG



Map from Delta Consultants Assessment Report, Site Conceptual Model Update, and Additional Assessment Workplan dated July 30, 2012.

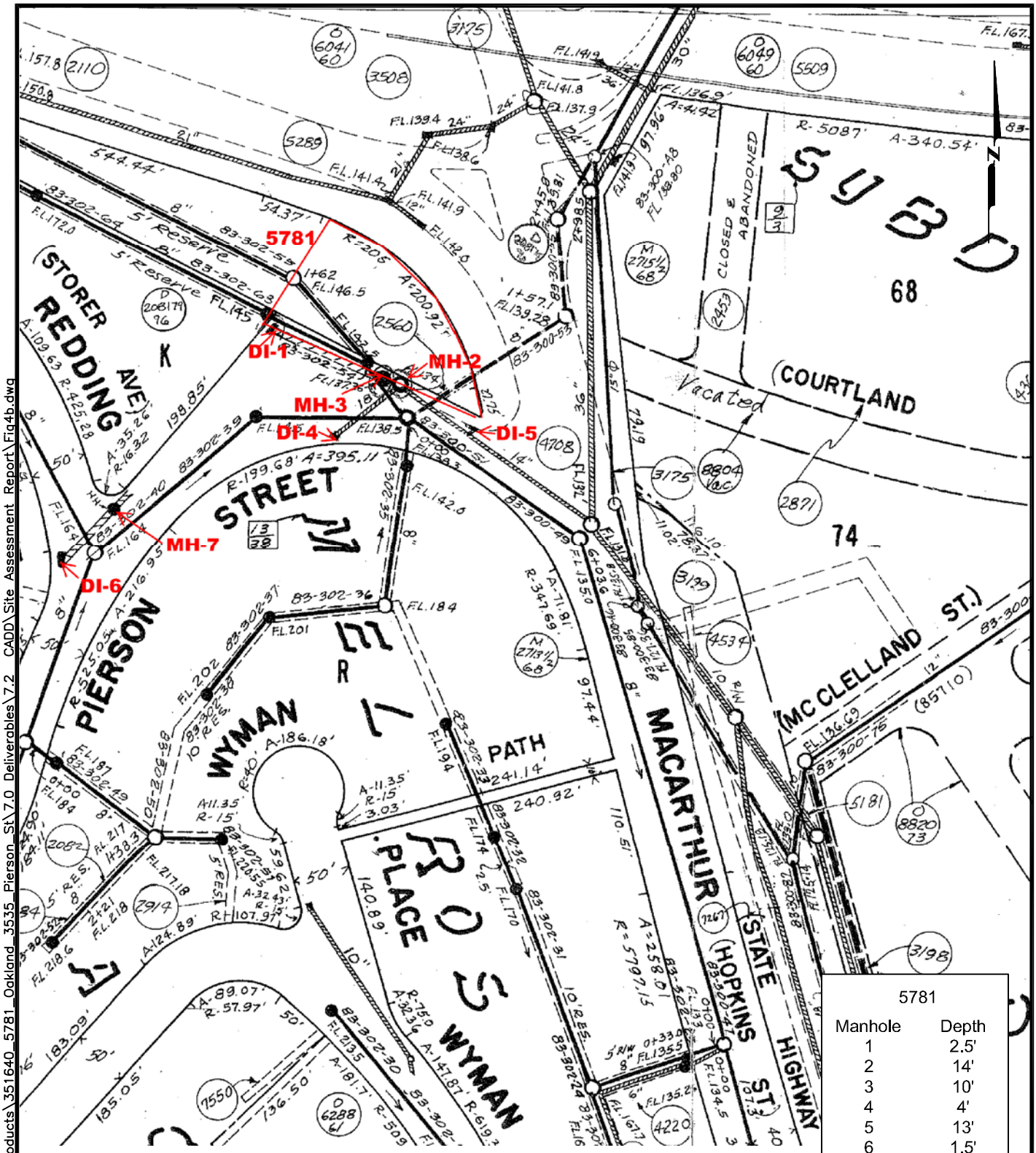
FIGURE 4a

SUBSURFACE UTILITIES MAP

CHEVRON #351640
76 SERVICE STATION NO. 5781
3535 PIERSON STREET
OAKLAND, CALIFORNIA

PROJECT NO. 60267015	DRAWN BY CD 10/03/2012
FILE NO. 351640	PREPARED BY CD
REVISION NO.	REVIEWED BY JH

AECOM



5781

Manhole	Depth
1	2.5'
2	14'
3	10'
4	4'
5	13'
6	1.5'
7	4'

FILENAME: J:\Client--Projects\76_Products\351640_5781_Oakland_3535_Pierson_St\7.0 Deliverables\7.2 CADD\Site Assessment Report\Fig4b.dwg

UTILITY MAP
MANHOLES AND DEPTHS

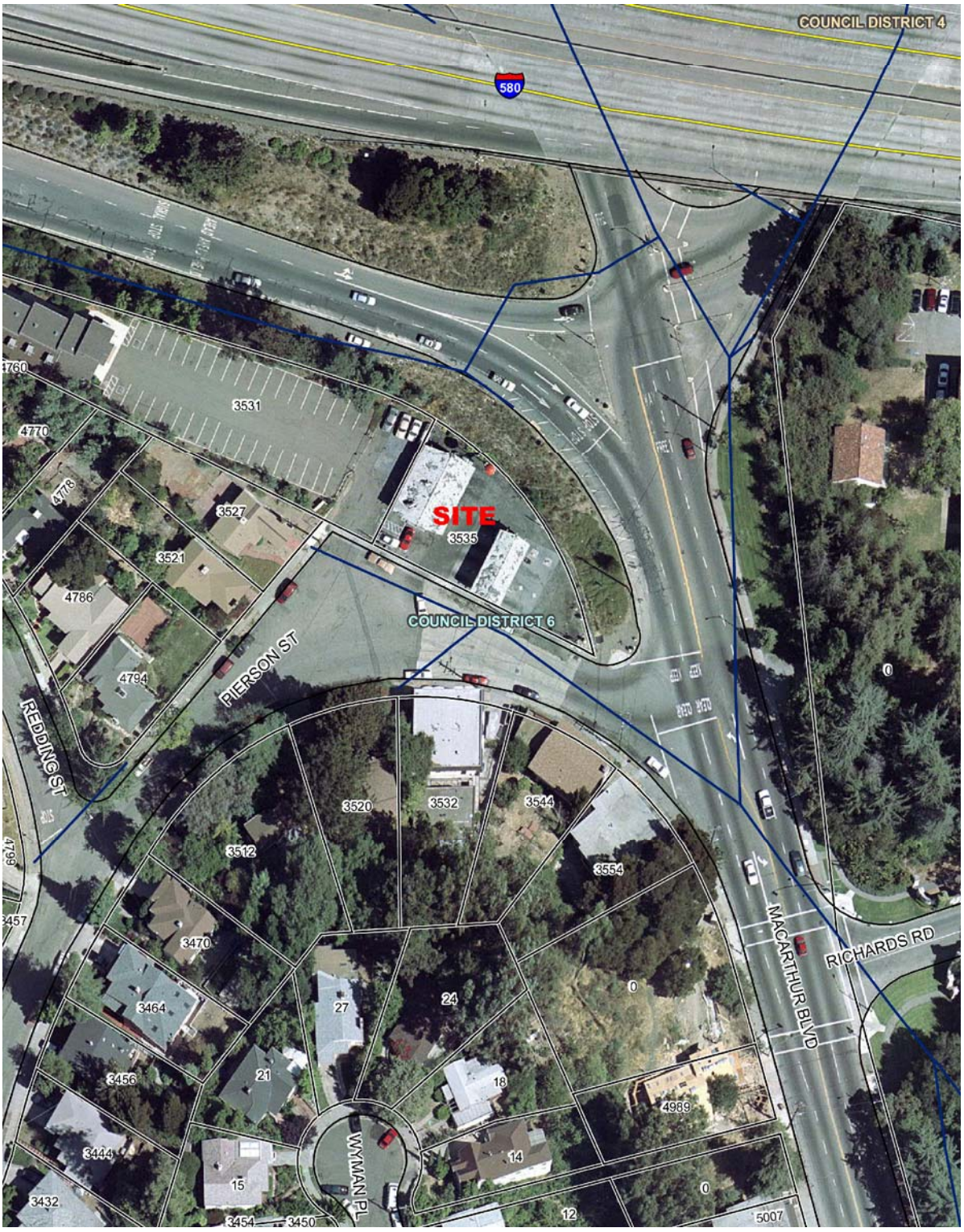
RO253, Unocal #5781 (351640)
3535 Pierson Street, Oakland, California

SCALE:	DATE:	PROJECT NUMBER:
1" = 30'	12/3/2015	

AECOM
2020 L STREET, SUITE 400
SACRAMENTO, CALIFORNIA 95811
PHONE: (916) 414-5800
FAX: (916) 414-5850
WEB: HTTP://WWW.AECOM.COM

FIGURE NUMBER:

4b



FILENAME: J:\Client--Projects\76_Products\351640_5781_Oakland_3535_Pierson_St\7.0 Deliverables\7.2 CADD\Site Assessment Report\Fig4c.dwg

UTILITY MAP
STORM DRAINS AND CREEKS

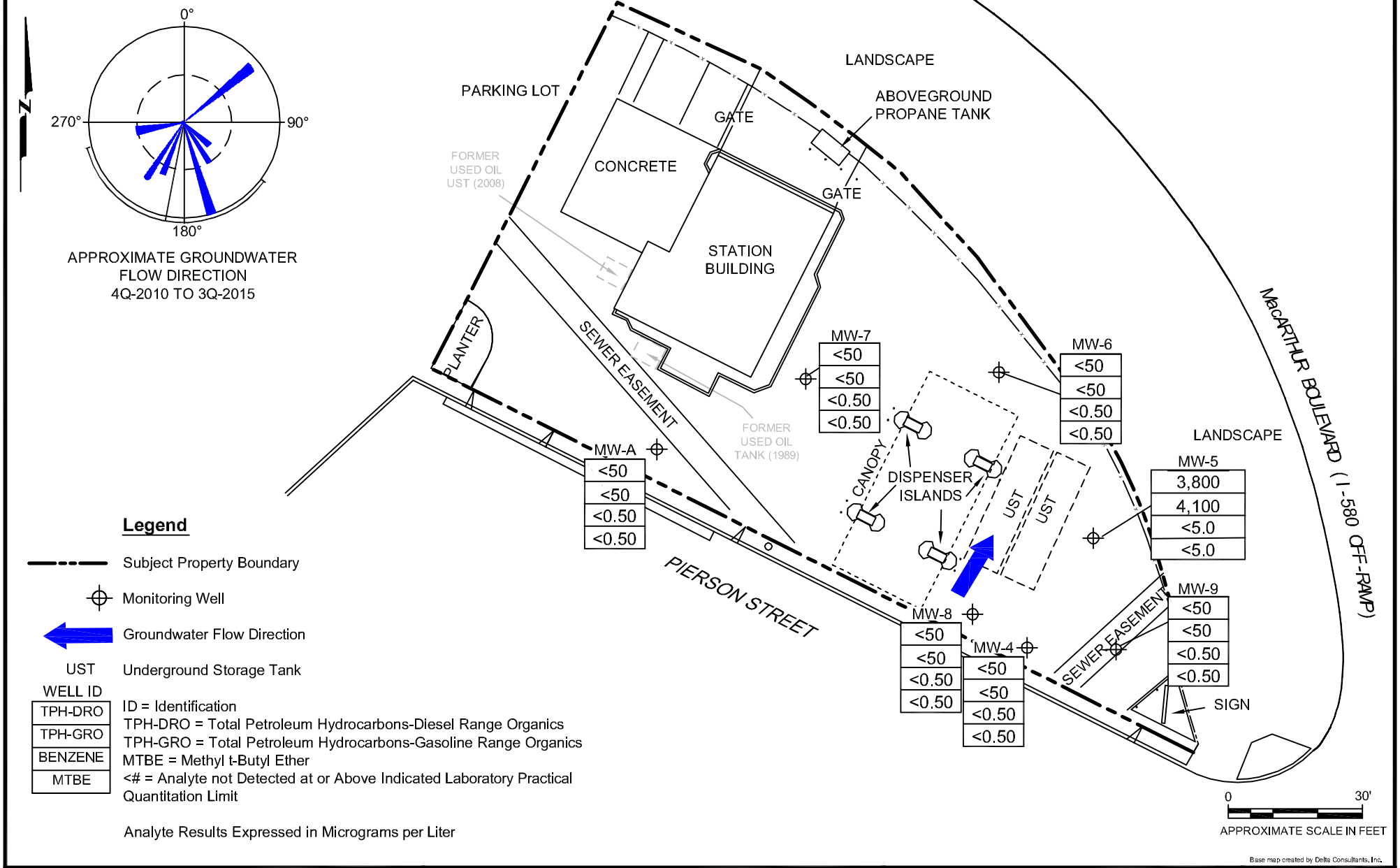
RO253, Unocal #5781 (351640)
3535 Pierson Street, Oakland, California

SCALE:	DATE:	PROJECT NUMBER:
1" = 30'	12/3/2015	

AECOM
2020 L STREET, SUITE 400
SACRAMENTO, CALIFORNIA 95811
PHONE: (916) 414-5800
FAX: (916) 414-5850
WEB: HTTP://WWW.AECOM.COM

FIGURE NUMBER:

4c



THIRD QUARTER 2015 GROUNDWATER ANALYTICAL DATA MAP

UNOCAL NO. 5781 (351640)
3535 PIERSON STREET, OAKLAND, CALIFORNIA

SCALE:	DATE:	PROJECT NUMBER:
1" = 30'	09/30/2015	60338852

AECOM
1220 AVENIDA ACASO
CAMARILLO, CALIFORNIA 93012
PHONE: 805.388.3775
FAX: 805.388.3557
WEB: HTTP://WWW.AECOM.COM

DESIGNED BY:	REVISIONS				FIGURE NUMBER:
	NO.:	DESCRIPTION:	DATE:	BY:	5
DRAWN BY: TQ					
CHECKED BY: DF					
APPROVED BY: CR					

J:\CLIENT-PROJECTS\76_PRODUCTS\351640_5781_OAKLAND_3535_PIERSON_ST\7.0 DELIVERABLES\7.2 CADD\CSM\FIGURE 5 CONC 3Q15_351640.DWG

Appendix A

Boring Logs and Cross Sections

BORING LOG

Project No. KEI-P89-1204	**Boring & Casing Diameter** 9" 2"	**Logged By** D.L.
Project Name Unocal Oakland - Pierson	**Well Head Elevation** N/A	**Date Drilled** 4/9/90
Boring No. MW1	**Drilling Method** Hollow-stem Auger	**Drilling Company** EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Stratigraphy USCS	Description
		0		A. C. Pavement. Sand and Gravel
			CL/ CH	Clay with silt, 5-10% sand, soft, moist, olive brown.
	NOT ENCOUNTERED DURING DRILLING			
2/2/3		5	ML/ MH	Clayey silt, 30% clay, 5-10% coarse-grained sand, soft to firm, moist, very dark grayish brown.
5/7/8		10	CL/ CH	Clay, 5-10% sand, trace silt, stiff, moist, dark brown.
				Clay, as above, except with gravel to 1/2" diameter, 10-15% sand.
12/16/21				Clay, 5-10% sand, very stiff, slightly moist, dark brown, minor organic material
8/16/20		15		
				Clay, as above, trace to 5% silt, dark yellowish brown.
10/17/22				
7/14/22		20		

BORING LOG

Project No. KEI-P89-1204	Boring & Casing Diameter 9" 2"	Logged By D.L.
Project Name Unocal Oakland - Pierson	Well Head Elevation N/A	Date Drilled 4/9/90
Boring No. MW1	Drilling Method Hollow-stem Auger	Drilling Company EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
			CL/CH	Clay, trace silt, dark yellowish brown.
			GC	Clayey gravel, 5-10% sand, gravel to 3/8" diameter, dense, moist, dark yellowish brown.
10/16/21				
			CL/ CH	Clay, trace silt and sand, stiff, moist, olive brown, trace organic matter.
9/12/18		25		
9/12/19				
				Clay, as above, trace to 5% sand, trace silt, olive brown to dark brown
12/16/21		30		
				Clay with silt, 15-20% silt, 5% sand, stiff, moist, dark yellowish brown.
7/11/18				
7/14/16		35		
				Silty clay, 5-10% sand, stiff to very stiff, slightly moist, dark yellowish brown.
9/12/17				
9/15/23		40		

BORING LOG

Project No. KEI-P89-1204	**Boring & Casing Diameter** 9" 2"	**Logged By** D.L.
Project Name Unocal Oakland - Pierson	**Well Head Elevation** N/A	**Date Drilled** 4/9/90
Boring No. MW1	**Drilling Method** Hollow-stem Auger	**Drilling Company** EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
			CL/ CH	Silty clay, as above.
9/16/26				Sandy clay, 10-15% silt, 30% sand, sand is coarse to fine grained, very stiff, slightly moist, dark yellowish brown.
8/11/16		45		
				Clay, with silt, trace sand, very stiff, slightly moist, dark brown, stiffness increasing with depth.
12/16/18				
11/18/32		50		
		55		
		60		TOTAL DEPTH: 50'

BORING LOG

Project No. KEI-P89-1204	**Boring & Casing Diameter** 9" 2"	**Logged By** D.L.
Project Name Unocal Oakland - Pierson	**Well Head Elevation** N/A	**Date Drilled** 4/10/90
Boring No. MW2	**Drilling Method** Hollow-stem Auger	**Drilling Company** EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Stratigraphy USCS	Description
		0		A. C. Pavement and base rock.
			SC	Clayey sand, 20-30% clay, 10-20% silt, sand is coarse-to fine-grained, medium dense, moist, yellowish brown to dark yellowish brown.
2/2/4	NOT ENCOUNTERED DURING DRILLING	5	CL/CH	Sandy clay, 5-10% silt, firm, moist, strong brown, pocketed with clayey sand and other soil, possible fill.
			GC	Clayey gravel with sand, gravel 1 1/2" to 4" diameter, gap graded, 10-15% sand, medium dense, moist, dark yellowish brown.
5/2/2		10	GM	Silty gravel with sand, trace clay, 15% silt, loose, moist, dark yellowish brown, voids in sample. base of fill?
2/2/5			MH	Clayey silt, 10-15% coarse sand, firm, moist, black.
3/4/9		15	CL/CH	Sandy clay, 5-10% gravel to 1/2" diameter, stiff, moist, dark olive gray, very dark grayish brown below 15.5 feet.
			GW-GM	Well graded gravel with silt and sand, trace to 5% clay, medium dense, moist, dakr yellowish brown.
5/7/10		20	GP	Poorly graded gravel below 19.5 feet. Clay below 20.3 feet - See page 2.

BORING LOG

Project No. KEI-P89-1204	**Boring & Casing Diameter** 9" 2"	**Logged By** D.L.
Project Name Unocal Oakland - Pierson	**Well Head Elevation** N/A	**Date Drilled** 4/10/90
Boring No. MW2	**Drilling Method** Hollow-stem Auger	**Drilling Company** EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
			CL/CH	Silty clay to clay with silt, 5-15% sand, very stiff, moist, dark yellowish brown to olive brown.
7/10/18		25		Clay, trace silt and sand, very stiff, moist, olive brown, trace organic matter.
9/16/23		30		Sandy clay, 5-10% gravel to 1/2" diameter, hard, moist, dark yellowish brown.
			CL/CH	
9/13/19		35		Sandy clay, trace gravel, less sand than above, moist, dark yellowish brown.
8/12/14		40		TOTAL DEPTH: 40'

BORING LOG

Project No. KEI-P89-1204	**Boring & Casing Diameter** 9" 2"	**Logged By** W.W.
Project Name Unocal Oakland - Pierson	**Well Head Elevation** N/A	**Date Drilled** 4/10/90
Boring No. MW3	**Drilling Method** Hollow-stem Auger	**Drilling Company** EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
	NOT ENCOUNTERED DURING DRILLING	0		A. C. Pavement Clay, sand and gravel fill.
			SC	Clayey sand, yellowish brown to olive brown, loose to very loose, moist.
2/2/3		5	CL/ CH	Silty clay, soft to firm, moist, yellowish brown.
2/2/2		10	MH	Clayey silt, 5-10% sand, trace to 5% gravel, soft to firm, moist, black.
			SC	Clayey sand, trace gravel to 1/4" diameter, medium dense, moist, dark yellowish brown.
4/8/13		15	CL/ CH	Sandy clay, 30-35% sand, very stiff, moist, dark yellowish brown.
				Trace of gravel to 5/8" diameter at 19 feet. Clay, trace sand and silt, stiff, moist, olive brown.
		20		

BORING LOG

Project No. KEI-P89-1204	**Boring & Casing Diameter** 9" 2"	**Logged By** W.W.
Project Name Unocal Oakland - Pierson	**Well Head Elevation** N/A	**Date Drilled** 4/10/90
Boring No. MW3	**Drilling Method** Hollow-stem Auger	**Drilling Company** EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
4/7/12		25	CL/ CH	Clay and silty clay, dark yellowish brown, very stiff, moist.
8/10/12		30		Clay, trace silt, very stiff, moist, olive brown, homogeneous.
9/12/17		35		Clay, trace of fine well rounded gravel and trace of silt, moist, olive brown, very stiff.
10/17/23		40		Sandy clay, trace to 5% fine gravel, trace to 5% sand, hard, moist, olive brown. TOTAL DEPTH: 40'

BORING LOG

Project No.	Boring Diameter	Logged By
KEI-P89-1204	9"	W.W.
Project Name Unocal Oakland - 3535 Pierson	**Well Head Elevation** N/A	**Date Drilled** 7/5/90
Boring No. EB1	**Drilling Method** Hollow-stem Auger	**Drilling Company** EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		A.C. Pavement over sand and gravel base.
			CL/CH	Clay with silt, 5-10% sand, 10% fine gravel to 3/8" dia., firm, moist, olive brown.
			ML/MH	Clayey silt, 30% clay, 10% coarse-grained sand, trace to 5% fine gravel to 3/8" dia., moist, olive gray.
3/5/6		5		Clayey silt, trace fine gravel, 5% sand, moist, brown.
				Clay, trace silt and sand, trace organic matter, moist, stiff, orang-ish brown.
			CL/CH	Clay, 10-15% sand, trace silt, trace to 5% gravel to 1/2" dia., moist, stiff, dark brown.
5/6/8		10		
				Clay, minor organic material, slightly moist, very stiff, dark yellowish brown.
8/13/18		15		
				Clay, as above, with light gray mot-tling.
9/12/17		20		

BORING LOG

Project No. KEI-P89-1204	Boring Diameter 9"	Logged By W.W.
Project Name Unocal Oakland - 3535 Pierson	Well Head Elevation N/A	Date Drilled 7/5/90
Boring No. EB1	Drilling Method Hollow-stem Auger	Drilling Company EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
7/13/18		25	CL/ CH	Clay, minor organic material, trace fine-grained sand, trace silt, slightly moist, very stiff to hard, light orangish brown with light gray, mottling.
8/15/21		30		
9/18/36	▼	35		Clay with silt, 15-20% silt, 5-15% sand, trace organic matter, hard, very moist to wet, dark yellowish brown.
		40		TOTAL DEPTH: 34.5'

BORING LOG

Project No. KEI-P89-1204	**Boring Diameter** 9"	**Logged By** W.W.
Project Name Unocal Oakland - 3535 Pierson	**Well Head Elevation** N/A	**Date Drilled** 7/6/90
Boring No. EB2	**Drilling Method** Hollow-stem Auger	**Drilling Company** EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		A.C. Pavement over sand and gravel.
			GC	Clayey gravel 15% silt, 10% sand, gravel to 1/2" dia., moist, medium dense, olive brown.
4/4/5		5	CL	Sandy clay with gravel, 15% sand, gravel to 1/4" dia., trace organic matter, moist to wet, firm, dark yellowish brown.
				Clay, 10% silt, 10% coarse-grained sand, trace fine gravel to 1/4" dia., moist, firm to stiff, olive brown.
4/5/8		10	CL/ CH	Clay, trace rootlets, stiff, slightly moist, dark yellowish brown with trace light gray mottling.
7/14/18		15		Clay, as above, trace to 5% silt, hard, slightly moist, dark yellowish brown with light gray mottling.
8/15/19		20		Clay, as above, trace to 15% silt, moist, hard, yellowish brown with light gray mottling.

BORING LOG

Project No. KEI-P89-1204	Boring Diameter 9"	Logged By W.W.
Project Name Unocal Oakland - 3535 Pierson	Well Head Elevation N/A	Date Drilled 7/6/90
Boring No. EB2	Drilling Method Hollow-stem Auger	Drilling Company EGI

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
8/12/22			CL/ CH	Clay, trace organic matter, trace silt hard, moist, dark yellowish brown with light gray mottling, slight orangish brown, mottling.
7/8/12		25		Clay with silt, trace to 5% organic matter, moist, very stiff, beige with light gray mottling.
8/14/20		30	ML/ MH	Clayey silt with fine-grained sand, up to 20% sand, hard, moist, light olive brown, trace light gray mottling.
13/15/28	▼	35	SC	Clayey sand with silt, silt to 15%, very moist to wet, dense, light olive brown to beige.
		40		TOTAL DEPTH: 38'

BORING LOG

Project No. KEI-P89-1204	**Boring & Casing Diameter** 9" 2"	**Logged By** W.W. DRB
Project Name Unocal 3535 Pierson St. Oakl	**Well Head Elevation** N/A	**Date Drilled** 12/11/90
Boring No. MWA	**Drilling Method** Hollow-stem Auger	**Drilling Company** Woodward Drilling Co.

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
		0		Asphalt pavement over sand and gravel.
			CL/ CH	Clay with gravel, gravel to 2-1/2" diameter, 5% sand, moist, yellowish brown. Base of fill.
			ML/ MH	Clayey silt, trace sand, trace fine gravel to 3/8" diameter, moist, firm to stiff, olive brown to olive gray.
4/4/6		5	CL/ CH	Clay, with silt, fine- to medium-grained sand, moist, stiff, brown.
4/9/15		10		Clay, trace subangular gravel to 3/8" diameter, trace sand, moist, very stiff, olive brown.
7/13/21		15		Silty clay, trace organic matter, moist, hard, dark yellowish brown.
9/15		20	CL/ CH to ML/ MH	Silty clay to clayey silt, trace organic matter, moist, hard, light yellowish brown.

BORING LOG

Project No. KEI-P89-1204	Boring & Casing Diameter 9" 2"	Logged By W.W.
Project Name Unocal 3535 Pierson St. Oakl	Well Head Elevation N/A	Date Drilled 12/11/90
Boring No. MWA	Drilling Method Hollow-stem Auger	Drilling Company Woodward Drilling Co.

Penetration blows/6"	G. W. level	Depth (feet) Samples	Strati-graphy USCS	Description
/27			CL/ CH to ML/ MH	Silty clay to clayey silt, trace organic matter, moist, hard, light yellowish brown.
			ML/ MH	
		25		
11/18/29				Silt, with clay, trace organic matter, very moist, hard, light yellowish brown.
		30		
6/12/20				Silt with clay, trace organic matter, moist, very stiff to hard, light olive brown mottled with light yellowish brown.
11/24/28	▼			Free water encountered at 33'.
		35		
15/25/38				Silt, with clay, trace organic matter, trace fine- to medium-grained sand, moist to very moist, hard, light yellowish brown mottled with yellowish brown.
9/		40		

BORING LOG

Project No. KEI-P89-1204	Boring & Casing Diameter 9" 2"	Logged By W.W.
Project Name Unocal 3535 Pierson St. Oakl	Well Head Elevation N/A	Date Drilled 12/11/90
Boring No. MWA	Drilling Method Hollow-stem Auger	Drilling Company Woodward Drilling Co.

Penetration blows/6"	G. W. level	Depth (feet) Samples	Stratigraphy USCS	Description
18/26			ML	Silt with clay, as above.
			SW	Sand, well graded, trace silt, saturated, dense, yellowish brown.
15/24/30			ML/MH	Silt with clay, trace organic matter, moist, hard, brown mottled with light yellowish brown.
		45		
		50		
		55		
		60		TOTAL DEPTH: 45'

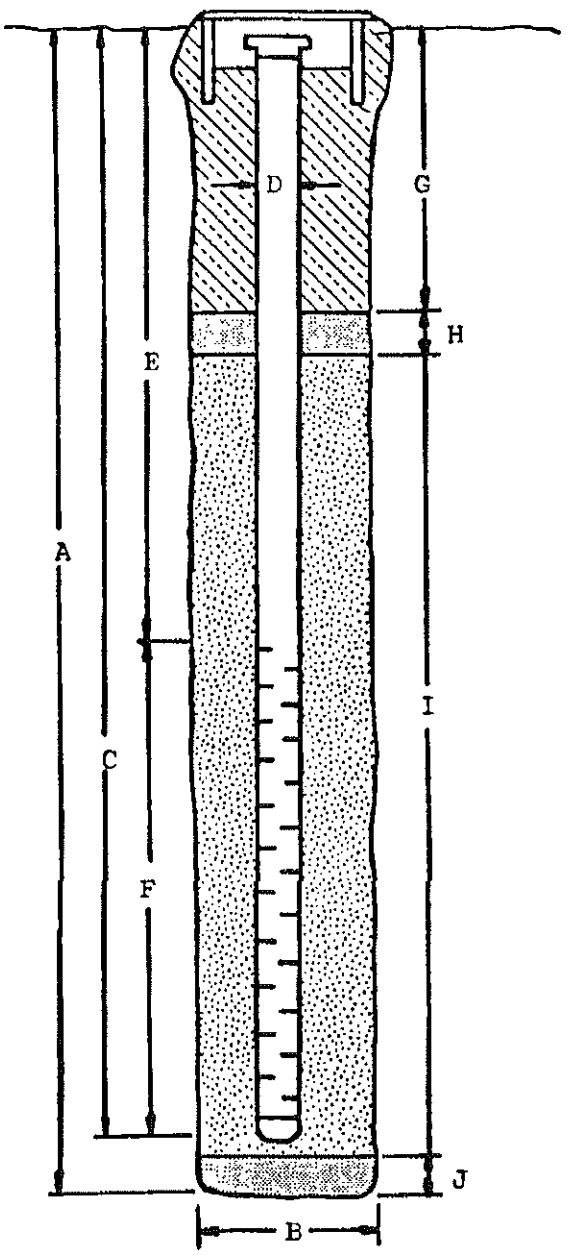
WELL COMPLETION DIAGRAM

PROJECT NAME: Unocal 3535 Pierson St. Oakland BORING/WELL NO. MWA

PROJECT NUMBER: KEI-P89-1204

WELL PERMIT NO.:

Flush-mounted Well Cover



A. Total Depth: 45'

B. Boring Diameter*: 9"

Drilling Method: Hollow Stem Auger

C. Casing Length: 45'

Material: Schedule 40 PVC

D. Casing Diameter: OD = 2.375" ID = 2.067"

E. Depth to Perforations: 25'

F. Perforated Length: 20'

Perforation Type: Machined Slot

Perforation Size: 0.010"

G. Surface Seal: 21'

Seal Material: Concrete

H. Seal: 2'

Seal Material: Bentonite

I. Gravel Pack: 22'

Pack Material: RMC Lonestar Sand

Size: #2/16

J. Bottom Seal: None

Seal Material: N/A

*Boring diameter can vary from 8-1/4" to 9" depending on bit wear.

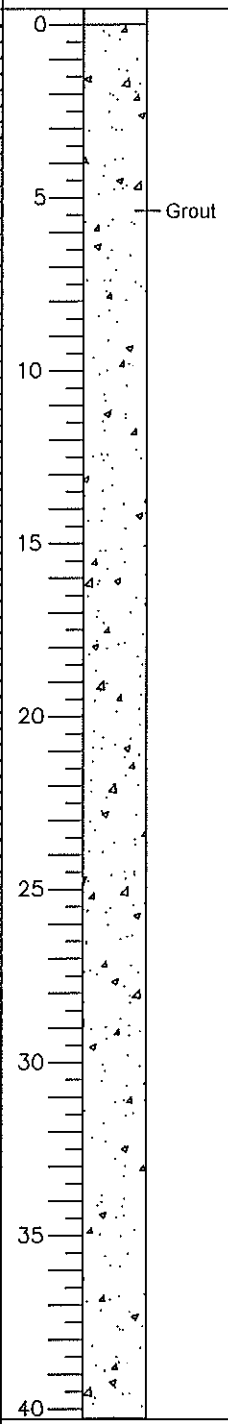
PROJECT NO.: 42-0102-01
CLIENT: ConocoPhillips
LOCATION: 76 Service Station #5781
3535 Pierson Street, Oakland, California

DATE DRILLED: 10/30/03
LOGGED BY: P. Kelleher
APPROVED BY: B.A. Moed, RG
DRILLING CO.: Cascade Drilling

DRILLING METHOD: 8-inch Hollow-Stem Auger
SAMPLER TYPE: 2-inch Split Spoon
TOTAL DEPTH: 44.0 feet
DEPTH TO WATER: 39.0 feet

PID/FID (ppm)	BLOWS PER 6 INCHES	RECOVERY	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand augered to 5'. CLAY (CL): Very dark gray (10YR 3/1), 90 % clay, 10% gravel, soft, damp.		
0	7 7 13	1.0/ 1.5		5			
0	17 20 22	1.5/ 1.5		10			
0	20 22 27	1.5/ 1.5		15	- @ 14': color change to brownish yellow (10YR 5/8), 90 % clay, 10% sand, trace gravel, soft, damp.		
0	21 23 20	1.5/ 1.5		20	- @ 20': no sand.	CL	
0	21 23 25	1.0/ 1.5		25			
0	24 25 27	1.5/ 1.5		30			
0	23 26 24	1.5/ 1.5		35	- @ 34': increased sand.		
0	20 18 22	1.0/ 1.5		40	SILTY SAND (SM): Yellowish brown (10YR 6/8), 10 % silt, 10 % clay, 80% sand, dense, wet.	SM	

BORING BACKFILL DETAIL



TRC

LOG OF EXPLORATORY BORING

SB-1

PROJECT NO.: 42-0102-01
CLIENT: ConocoPhillips
LOCATION: 76 Service Station #5781
3535 Pierson Street, Oakland, California

DATE DRILLED: 10/30/03
LOGGED BY: P. Kelleher
APPROVED BY: B.A. Moed, RG
DRILLING CO.: Cascade Drilling

DRILLING METHOD: 8-inch Hollow-Stem Auger
SAMPLER TYPE: 2-inch Split Spoon
TOTAL DEPTH: 44.0 feet
DEPTH TO WATER: 39.0 feet

PID/FID (ppm)	BLOWS PER 6 INCHES	RECOVERY	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY	BORING BACKFILL DETAIL
				40	SAND (SM) (continued).	SM		Grout
				45				
				50				
				55				
				60				
				65				
				70				
				75				
				80				

TRC

LOG OF EXPLORATORY BORING

SB-1
PAGE 2 OF 2

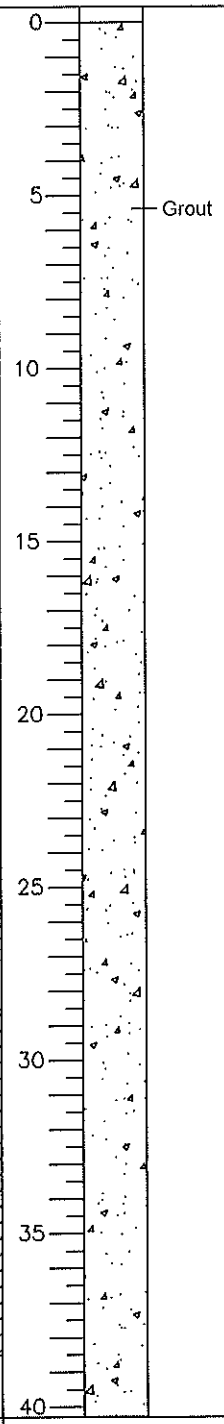
PROJECT NO.: 42-0102-01
CLIENT: ConocoPhillips
LOCATION: 76 Service Station #5781
3535 Pierson Street, Oakland, California

DATE DRILLED: 10/30/03
LOGGED BY: P. Kelleher
APPROVED BY: B.A. Moed, RG
DRILLING CO.: Cascade Drilling

DRILLING METHOD: 8-inch Hollow-Stem Auger
SAMPLER TYPE: 2-inch Split Spoon
TOTAL DEPTH: 54.0 feet
DEPTH TO WATER: Not applicable

PID/FID (ppm)	BLOWS PER 6 INCHES	RECOVERY	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand augered to 5'. CLAY (CL): Brownish yellow (10YR 5/4) with black mottles, 95% clay, 5% gravel, soft, damp.		
0	8 11 13	1.5/ 1.5		5		CL	
0	12 12 18	1.5/ 1.5		10	- @ 9': color change to black (10YR 2/1), 95 % clay, 5% sand, very soft.		
0	16 17 25	1.5/ 1.5		15			
0	14 14 19	1.5/ 1.5		20	GRAVELLY SAND (SW): Brownish yellow (10YR 5/6), 10 % clay, 60% sand, 30% gravel, soft, damp.	SW	
0	21 20 26	1.5/ 1.5		25			
0	22 24 26	1.5/ 1.5		30	CLAY WITH SAND (CL): Yellowish brown (10YR 4/4), 80 % clay, 15% sand, 5% gravel, soft, damp.	CL	
0	21 21 28	1.0/ 1.5		35			
0	23 27 22	0.5/ 1.5		40	SILTY SAND (SM): Yellowish brown (10YR 6/3), 20 % silt, 10% clay, 70% sand, hard, damp.	SM	

BORING BACKFILL DETAIL



TRC

LOG OF EXPLORATORY BORING

SB-2

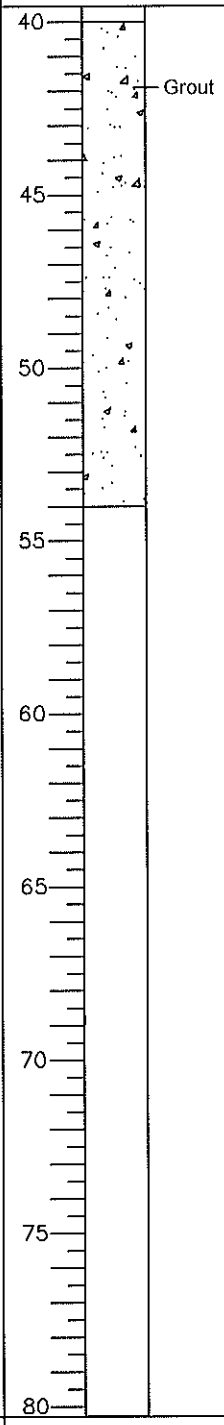
PROJECT NO.: 42-0102-01
CLIENT: ConocoPhillips
LOCATION: 76 Service Station #5781
3535 Pierson Street, Oakland, California

DATE DRILLED: 10/30/03
LOGGED BY: P. Kelleher
APPROVED BY: B.A. Moed, RG
DRILLING CO.: Cascade Drilling

DRILLING METHOD: 8-inch Hollow-Stem Auger
SAMPLER TYPE: 2-inch Split Spoon
TOTAL DEPTH: 54.0 feet
DEPTH TO WATER: Not applicable

PID/FID (ppm)	BLOWS PER 6 INCHES	RECOVERY	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				40	SAND (SM) (continued).	SM	
0	25 22 27	1.5/ 1.5		45			
0	19 23 27	1.0/ 1.5		50	SILTY SAND WITH GRAVEL (SM): Yellowish brown (10YR 5/6), 20% silt, 5% clay, 60% sand, 15% gravel, hard, damp.		
				55			
				60			
				65			
				70			
				75			
				80			

BORING BACKFILL DETAIL



TRC

LOG OF EXPLORATORY BORING

SB-2
PAGE 2 OF 2

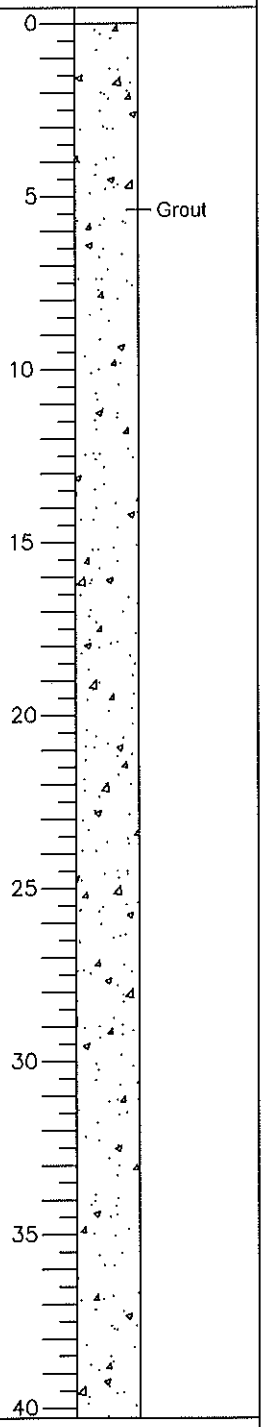
PROJECT NO.: 42-0102-01
CLIENT: ConocoPhillips
LOCATION: 76 Service Station #5781
3535 Pierson Street, Oakland, California

DATE DRILLED: 10/31/03
LOGGED BY: P. Kelleher
APPROVED BY: B.A. Moed, RG
DRILLING CO.: Cascade Drilling

DRILLING METHOD: 8-inch Hollow-Stem Auger
SAMPLER TYPE: 2-inch Split Spoon
TOTAL DEPTH: 54.0 feet
DEPTH TO WATER: Not applicable

PID/FID (ppm)	BLOWS PER 6 INCHES	RECOVERY	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand augered to 5'. SILTY SAND (SM): Yellowish brown (10YR 5/4), 20 % silt, 70 % sand, 10% gravel, soft, dry.	SM	
0	10 12 16	1.0/ 1.5		5			
0	7 11 16	1.5/ 1.5		10			
1.7	13 15 15	1.0/ 1.5		15	SANDY GRAVEL WITH SILT (GM): Greenish gray (GLEY1 4/5G), 20% silt, 30% sand, 50% gravel, soft, moist.	GM	
0	11 14 16	0.5/ 1.5		20	SILTY SAND WITH GRAVEL (SM): Greenish gray (GLEY1 4/5G), 20% silt, 60% sand, 20% gravel, soft, damp.	SM	
0	14 16 27	1.5/ 1.5		25	SILT (ML): Yellowish brown (10YR 5/4), 90 % silt, 10% clay, hard, damp.	ML	
0	12 12 15	1.5/ 1.5		30	SANDY SILT (ML): Yellowish brown (10YR 5/6), 60 % silt, 30% sand, 10% gravel, hard, damp.		
0	15 16 19	1.5/ 1.5		35	SILT WITH SAND (ML): Yellowish brown (10YR 5/4), 80 % silt, 20% sand.		
0	16 17 20	1.5/ 1.5		40			

BORING BACKFILL DETAIL



TRC

LOG OF EXPLORATORY BORING

SB-3

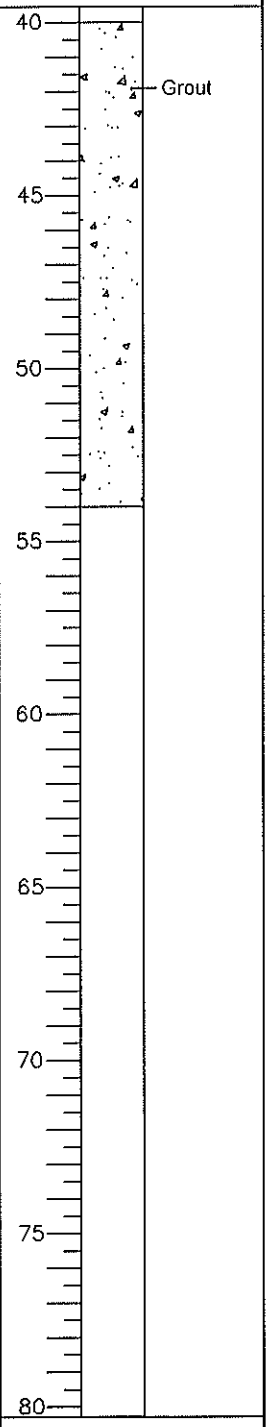
PROJECT NO.: 42-0102-01
CLIENT: ConocoPhillips
LOCATION: 76 Service Station #5781
3535 Pierson Street, Oakland, California

DATE DRILLED: 10/31/03
LOGGED BY: P. Kelleher
APPROVED BY: B.A. Moed, RG
DRILLING CO.: Cascade Drilling

DRILLING METHOD: 8-inch Hollow-Stem Auger
SAMPLER TYPE: 2-inch Split Spoon
TOTAL DEPTH: 54.0 feet
DEPTH TO WATER: Not applicable

PID/FID (ppm)	BLOWS PER 6 INCHES	RECOVERY	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				40	SILT WITH SAND (ML) (continued).		
0	20 14 23	1.5/ 1.5		45		ML	
0	17 19 22	1.5/ 1.5		50	SILT (ML): Yellowish brown (10YR 6/4), 100 % silt.		
				55			
				60			
				65			
				70			
				75			
				80			

BORING BACKFILL DETAIL



TRC

LOG OF EXPLORATORY BORING

SB-3
PAGE 2 OF 2

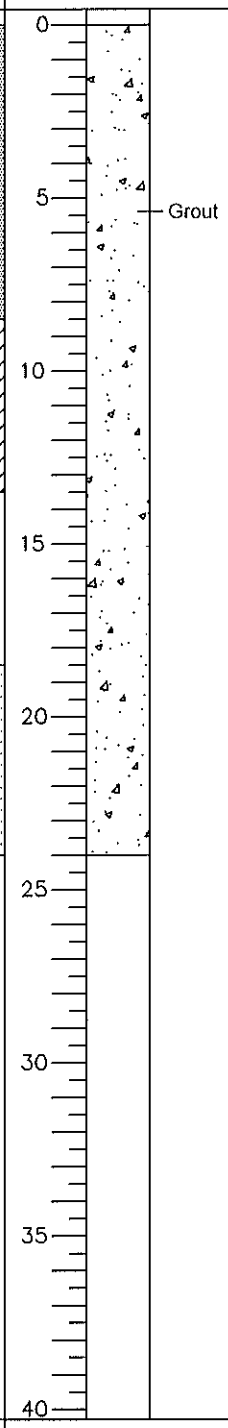
PROJECT NO.: 42-0102-01
CLIENT: ConocoPhillips
LOCATION: 76 Service Station #5781
3535 Pierson Street, Oakland, California

DATE DRILLED: 10/31/03
LOGGED BY: P. Kelleher
APPROVED BY: B.A. Moed, RG
DRILLING CO.: Cascade Drilling

DRILLING METHOD: 8-inch Hollow-Stem Auger
SAMPLER TYPE: 2-inch Split Spoon
TOTAL DEPTH: 24.0 feet
DEPTH TO WATER: 19.5 feet

PID/FID (ppm)	BLOWS PER 6 INCHES	RECOVERY	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand augered to 5'.		
0	12 12 15	1.0/ 1.5		5	SAND (SP): Yellowish brown (10YR 5/6), 90 % sand, 10% gravel, soft, damp.	SP	
0	5 4 9	1.0/ 1.5		10	CLAY (CL): Black (10YR 2/1), 90 % clay, 10% sand, soft, moist.	CL	
0	14 16 19	1.5/ 1.5		15	SILT WITH CLAY (ML): Yellowish brown (10YR 4/3), 70 % silt, 20% clay, 10% gravel, soft, moist.	ML	
0	14 16 21	1.0/ 1.5		20	SAND WITH GRAVEL (SW): Yellowish brown (10YR 4/4), 10% silt, 50% sand, 40% gravel, soft, moist.	SW	
				25			
				30			
				35			
				40			

BORING BACKFILL DETAIL



TRC

LOG OF EXPLORATORY BORING

SB-4
PAGE 1 OF 1

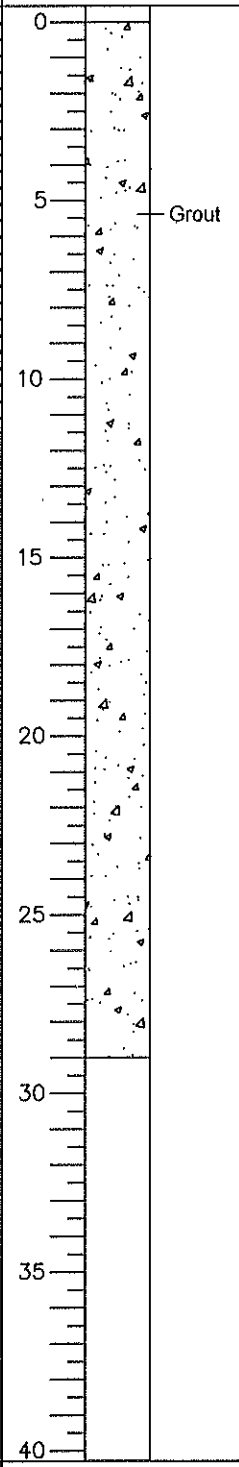
PROJECT NO.: 42-0102-01
CLIENT: ConocoPhillips
LOCATION: 76 Service Station #5781
3535 Pierson Street, Oakland, California

DATE DRILLED: 10/31/03
LOGGED BY: P. Kelleher
APPROVED BY: B.A. Moed, RG
DRILLING CO.: Cascade Drilling

DRILLING METHOD: 8-inch Hollow-Stem Auger
SAMPLER TYPE: 2-inch Split Spoon
TOTAL DEPTH: 29.0 feet
DEPTH TO WATER: 24.6 feet

PID/FID (ppm)	BLOWS PER 6 INCHES	RECOVERY	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand augered to 5'.		
0	11 11 13	1.5/ 1.5		5	CLAY (CL): Very dark gray (10YR 2/1), 90 % clay, 10% gravel, soft, damp.	CL	
0	13 14 17	1.5/ 1.5		10	- @ 9': color change to dark gray (10YR 4/1), 95 % clay, 5% gravel.		
0	12 16 17	1.5/ 1.5		15	SAND (SP): Yellowish brown (10YR 5/6), 10 % silt, 90% sand, soft, moist.	SP	
0	15 15 19	1.5/ 1.5		20			
0	14 16 19	0.5/ 1.5		25			
				30			
				35			
				40			

BORING BACKFILL DETAIL



TRC

LOG OF EXPLORATORY BORING

SB-5
PAGE 1 OF 1

Delta

Consultants

Project No: C105781051	Client: ConocoPhillips	Well/ Boring ID: MW-4
Logged By: Caitlin Morgan	Location: 3535 Pierson Street, Oakland, CA	Page 1 of 1
Driller: Gregg Drilling and Testing	Date Drilled: June 4, 2010	Location Map: See Site Map
Drilling Method: Geoprobe	Hole Diameter: 8"	▽ : First encountered water
Sampling Method: Direct push	Hole Depth: 25 feet	
Casing Type: 4"	Well Diameter: 4"	
Slot Size:0.010	Well Depth: NA	
Gravel Pack: #30 mesh	Casing Stickup: NA	
Elevation	Northing	Easting

Well Completion: Backfill	Well Completion: Casing	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					Air Knife to 5 feet	1				Six inches of asphalt removed. *Variance approved to place well within 5' of water and electrical utility as well as storm sewer drain. Original location uncovered a 3.5' X 9" diameter concrete beam, the location was cleared at a greater width to allow for full clearance around the area of the beam.*
						2				
						3				
						4				Clayey sand (tan) in the first 3 feet, Clay (brown with olive green mottling; some angular to sub angular gravel present, as well as small brick.
Grout				1.3	MW-4 @ 5 12:28	5				Same as above in the 3 to 5 foot depths.
						6				
						7				**Clayey sand;** brown and black, medium to firm; moist, no odor.
						8				
						9				
				5	MW-4 @ 10 12:32	10				
						11				As above. More gravel. At 12.5' bgs becomes black clay with sand, medium firm to soft.
Bentnite						12				
						13				As above, with increased clay and firmness.
						14				
						15				**Clayey sand with gravel**; brown to tan; moist.
				2.4	MW-4 @ 15 12:39	16				
						17				As above with increased sands; red and orange mottling. Sands have increased coarseness.
Sand						18				
						19				
						20				**Clayey Sand;** back, moist- very moist.
				1.9	MW-4 @ 20 12:44	21				
						22				

Delta
Consultants

Project No: c105781051
Logged By: Caitlin Morgan
Driller: Gregg Drilling and Testing
Drilling Method: geoprobe
Sampling Method: direct push
Casing Type:
Slot Size:
Gravel Pack:

Client: **ConocoPhillips**
Location: **3535 Pierson Street, Oakla**
Hole Diameter:
Hole Depth:
Well Diameter:
Well Depth:
First Water Depth:

Well No: MW-4
Date Drilled:
Page **2** of **2**

▽ = First Water
▼ = Static Groundwater

Elevation	Northing	Easting

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Sand					23				As above.
		Moist	1.7	MW-4 @ 25 12:53	25				**Boring terminated at 25 feet bgs. No groundwater encountered.**
					26				
					27				
					28				
					29				
					30				
					31				
					32				
					33				
					34				
					35				
					36				
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				

Delta

Consultants

Project No: c105781051	Client: ConocoPhillips	Well/ Boring ID: MW-5	
Logged By: Alan Buehler	Location: 3535 Pierson Street, Oakland, CA	Page 1 of 1	
Driller: Gregg Drilling and Testing	Date Drilled: June 4, 2010	Location Map	
Drilling Method: Geoprobe	Hole Diameter: 8"	See Site Map	
Sampling Method: Direct Push	Hole Depth: 25 feet	▽ : First encountered water	
Casing Type: 4"	Well Diameter: 4"		
Slot Size: 0.010	Well Depth: NA		
Gravel Pack: #30 Mesh	Casing Stickup: NA		
Elevation	Northing	Easting	

Well Completion: Backfill	Well Completion: Casing	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					Air Knife to 5 feet	1				**Clay**; dark brown to brown;some silt and gravel present, with trace roots at approximately 4.5' bgs.
						2				
						3				
						4				
				1.9	MW-5 @ 5 11:55	5				
Bentonite						6				**Sandy clay**; brown; 15% sand, damp, no odor.
						7				
						8				Same as above.
Sand						9				
						10				
						11				Same as above, increased moisture.
				1.0	MW-5 @ 12 12:01	12				
						13				
						14				**Sandy clay**; brown; moist; slight odor.
				4.5	MW-5 @ 15 12:03	15				
		▽				16				**Sandy clay,** brown, 40% sand, saturated, no odor.
						17				
						18				
						19				
						20				Clay; black; damp; no odor.
				3.1	MW-5 @ 20 12:08					**Boring terminated at 20 feet bgs.**
						21				
						22				

Delta

Consultants

Project No: c105781031	Client: ConocoPhillips	Well/ Boring ID: SB-6	
Logged By: Nadine Periat	Location: 3535 Pierson Street, Oakland, CA	Page 1 of 2	
Driller: Gregg Drilling and Testing	Date Drilled: March 12, 2010	Location Map	
Drilling Method: Hollow Stem Auger	Hole Diameter: 6"	See Site Map	
Sampling Method: Split Spoon	Hole Depth: 40 feet		
Casing Type: NA	Well Diameter: NA	▽ :First encountered water	
Slot Size:NA	Well Depth: NA		
Gravel Pack: NA	Casing Stickup: NA		
Elevation	Northing	Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
				Air Knife to 5 feet	1			SC	**Clayey Sand,** tan, 15-20% clay, low plasticity, sand is medium to coarse
					2				
					3				
					4				As above with fractured granitic cobbles approximately 4" in diameter. Red oxidation present in fracture planes.
					5				
		Moist	0.6	1 2 3	6			SC	**Clayey Sand with Gravel**, tan, 15-20% clay, 15-20% gravel, low plasticity. Sand is well graded, gravel is angular and medium sized, loose.
					7				
					8				
		Moist	0.9	3 2 2	9			SC	**Clayey Sand**, tan, 35% clay, low plasticity, sand is well graded, very loose.
					10				
					11				
					12				
	▽				13				
		Wet	1.3	9 5 5	14			GP	**Poorly Graded Gravel**, tan/green, no plasticity, <5% fines. Rock fragments are green quartzite, approximately 3 inches in diameter, loose. Rocks stuck in sampler, poor recovery.
					15				
					16				
					17				
					18				
				1 2 4	19				No Recovery, loose density
					20				
					21				
					22				

Delta
Consultants

Project No: c105781031	Client: ConocoPhillips	Well/ Boring ID: SB-6	
Logged By: Nadine Periat	Location: 3535 Pierson Street, Oakland, CA	Page 2 of 2	
Driller: Gregg Drilling and Testing	Date Drilled: March 12, 2010	Location Map: See Site Map	
Drilling Method: Hollow Stem Auger	Hole Diameter: 6"		
Sampling Method: Split Spoon	Hole Depth: 40 feet		
Casing Type: NA	Well Diameter: NA		
Slot Size:NA	Well Depth: NA		
Gravel Pack: NA	Casing Stickup: NA		
Elevation	Northing	Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
					23				
				7	24				**Sandy Lean Clay**, tan, 30% well graded sand,
		Wet	1.6	8					low plasticity, very tough, some gray root holes with
				17	25				roots, very stiff
									.
					26				
					27				
					28				
				9	29				**Lean Clay with Sand**, tan, 20% fine sand, low
		Wet	0.9	12					plasticity, trace black organic matter in ~1mm
				18	30				spheres, very stiff.
					31				
					32				
					33				
				11	34				As above, trace fine gravel
		Wet	0.9	13					
				16	35				
					36				
					37				
					38				
				8	39				**Lean Clay,** tan, 10% fine sand, trace fine gravel,
		Wet	2.1	10					low plasticity, very stiff.
				10	40				
									Bottom of Boring at 40 Feet
					41				
					42				
					43				
					44				

Delta

Consultants

Project No: c105781031	Client: ConocoPhillips	Well/ Boring ID: SB-7	
Logged By: Nadine Periat	Location: 3535 Pierson Street, Oakland, CA	Page 1 of 1	
Driller: Gregg Drilling and Testing	Date Drilled: March 12, 2010	Location Map	
Drilling Method: Hollow Stem Auger	Hole Diameter: 6"	See Site Map	
Sampling Method: Split Spoon	Hole Depth: 15 feet	▽ : First encountered water	
Casing Type: NA	Well Diameter: NA		
Slot Size:NA	Well Depth: NA		
Gravel Pack: NA	Casing Stickup: NA		

Elevation	Northing	Easting

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
				Air Knife to 5 feet	1			CL	**Sandy Lean Clay,** mottled tan and orange, low plasticity, 45% fine to medium sand.
					2				
					3				
					4				
		Moist	0.4		5				As above
					6			CL	**Lean Clay with sand,** brown, 20-25% fine to coarse sand, medium plasticity.
					7				
					8				
					9			CL	**Lean Clay,** gray, 10-15% well graded sand, low plasticity, inch long chunks of fractured quartzite.
		Moist	0.5		10				
					11				
					12				
	▽				13				
		Wet	0.4		14			SP-SC	**Poorly Graded Sand with Clay,** tan, no plasticity, sand is medium.
					15				**Bottom of boring at 15 feet**
					16				
					17				
					18				
					19				
					20				
					21				
					22				

Delta

Consultants

Project No: c105781031	Client: ConocoPhillips	Well/ Boring ID:SWC-2	
Logged By: Nadine Periat	Location: 3535 Pierson Street, Oakland, CA	Page 1 of 1	
Driller: Gregg Drilling and Testing	Date Drilled: March 12, 2010	Location Map	
Drilling Method: Hollow Stem Auger	Hole Diameter: 6"	See Site Map	
Sampling Method: Split Spoon	Hole Depth: 20 feet	▽ : First encountered water	
Casing Type: NA	Well Diameter: NA		
Slot Size:NA	Well Depth: NA		
Gravel Pack: NA	Casing Stickup: NA		
Elevation	Northing	Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
		Moist		Air Knife/ Hand Auger to 10 feet	1			SC	**Clayey Sand with Gravel**, brown, 15-20% clay, 50% well graded sand, 30% fine to medium gravel, No plasticity, gravel is subrounded. Suspected artificial fill.
					2				
					3				
					4				
					5				
					6				
					7				
					8				
		Wet			9				
					10				
					11				As above
		Wet	0.5		12				
	▽				13				
					14			CL	**Lean Clay with Sand and Gravel,** mottled brown/tan, 20% well graded sand, 15% fine gravel, low plasticity.
		Wet	0.4		15				
					16				
					17				
					18				
					19				As above, fracture planes present when clay core is broken open. Black oxidation on fracture planes.
		Wet	0.1		20				
					21				
					22				

Delta

Consultants

Project No: c105781031	Client: ConocoPhillips	Well/ Boring ID:SWD-2	
Logged By: Nadine Periat	Location: 3535 Pierson Street, Oakland, CA	Page 1 of 1	
Driller: Gregg Drilling and Testing	Date Drilled: March 12, 2010	Location Map	
Drilling Method: Hollow Stem Auger	Hole Diameter: 6"	See Site Map	
Sampling Method: Split Spoon	Hole Depth: 20 feet	▽ : First encountered water	
Casing Type: NA	Well Diameter: NA		
Slot Size:NA	Well Depth: NA		
Gravel Pack: NA	Casing Stickup: NA		
Elevation	Northing	Easting	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
				Air Knife/ Hand Auger to 10 feet	1			CL	**Lean Clay,** tan, 15% fine sand, low plasticity.
		Moist			2				
					3				
					4				
					5				
					6				
					7				
		Wet	17.7		8				As above, dark brown, 10-15% fine sand, medium plasticity, trace gravel, soil is saturated
					9				
									As above, light tan, not saturated, no gravel.
		Moist			10				
					11				
									As above, trace fine gravel, gray root holes.
		Moist	2.4		12				
	▽				13				
				9	14			SC	**Clayey Sand**, tan, 20-25% clay, slight plasticity,
		Damp	0.2	12					very five sand, flecks of black organic material, veins
				17	15				of orange oxidation.
					16				
					17				
					18				
				8	19				As above, 35% clay, sand is well graded,
		Damp	0.1	12					low plasticity
				16	20				
					21				
					22				

Delta
Consultants

Project No: c105781051 | Client: ConocoPhillips | Well/ Boring ID: SB-8
Logged By: Caitlin Morgan | Location: 3535 Pierson Street, Oakland, CA | Page 1 of 1
Driller: Gregg Drilling and Testing | Date Drilled: June 3, 2010
Drilling Method: Directpush | Hole Diameter:
Sampling Method: Geoprobe | Hole Depth:
Casing Type: NA | Well Diameter: NA
Slot Size:NA | Well Depth: NA
Gravel Pack: NA | Casing Stickup: NA

Location Map
See Site Map

▽ : First encountered water

Elevation | Northing | Easting

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement				Air Knife to 5 feet	1			CL	**Lean Clay,** dark brown to brown, some sands.
					2				
					3				
					4				
		Moist	0		5				As above.
					6			CL	**Lean Clay with sand,** light brown, 20-25% fine to coarse sand, medium plasticity.
					7				As above, with increased clay at the 7 foot depth.
		Moist			8			CL	**Lean Clay with sand**, 35-40% fine to coarse sand.
					9				**Lean Clay with sand and gravel,** dark brown with orange and tan smearing.
		Moist	0.1	SB-8 @ 10 3:50	10				
					11				
					12				As above with increasing moisture at 12 feet bgs and increasing clay at 13 feet bgs.
					13				
					14				As above with sandy gravels.
		Wet	0	SB-8 @ 15 3:56	15				**Lean clay with sand,** gray with tan mottling, slight odor.
					16				
					17				As above, clay became increasingly firm.
					18				
					19				
					20				Same as above.
					21				
					22				

Delta
Consultants

Project No: c105781051
Logged By: Caitlin Morgan
Driller: **Gregg Drilling**
Drilling Method: Directpush
Sampling Method: Geoprobe
Casing Type: NA
Slot Size: NA
Gravel Pack: NA

Client: **ConocoPhillips**
Location: 3535 Pierson Street, Oakland, CA

Hole Diameter:
Hole Depth:
First Water Depth: NA
Static Water Depth: NA
Well Depth: NA

Boring No: SB-8
Date Drilled: 06/03/10
Page **2** of 2

▽ = First Water
▼ = Static Groundwater

Elevation | Northing | Easting

Boring Completion / Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample: Recovery	Sample: Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement					23				**Lean clay with sand,** gray with tan mottling, very firm.
					24		▼		
		Moist	0	SB-8 @ 24 4:03					Boring terminated at 24 feet bgs.
					25				
					26				
					27				
					28				
					29				
					30				
					31				
					32				
					33				
					34				
					35				
					36				
					37				
					38				
					39				
					40				
					41				
					42				
					43				
					44				

DELTA

Project No: C105781071	Client:ConocoPhillips	Well/ Boring ID: MW-6
Logged By: Caitlin Morgan	Location: 3535 Pierson St, Oakland, CA	Page 1
Driller: Cascade	Date Drilled: 11/05/10	Location Map
Drilling Method:HSA	Hole Diameter: 8"	
Sampling Method: Split Spoon	Hole Depth: 20'	
Casing Type: Sched. 40 PVC	Well Diameter: 2"	
Slot Size: 0.010	Well Depth:20'	
Sand/Gravel Pack: RMC Lonestar 2/16	Casing Stickup: NA	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
									Variance approved to place well within 5' of a vent line and 5' from the overhang of the station canopy. Also, variance to drill 1-2 feet off the edge of concrete covering the tank pit.
Neat Cement					1			Airknifed	
					2				**Clayey sand;** (tan); some angular to sub angular gravel present.
					3				
					4				
					5				
		Moist	0					ML	**Sandy Silt with Gravel;** brown-tan.
					6				
Hydrated Bentonite					7				
					8				
					9				
					10				
		Moist	0					GC	**Clayey Gravel;** black, brown, orange; firm.
					11				
					12				
								SC	**Clayey Sand;** brown-tan; pea to thumb sized; less gravel than above.
					13				
Sand	▽	Sat.	0		14			CL	**Lean Clay;** brown-gray.
					15			CL	Same as above.
					16				
					17				
					18				
					19				
		Moist	0		20			CL	Same as above.
					21				**BORING TERMINATED AT 20 FEET BGS.** First water encountered at 14 feet bgs.
					22				

DELTA

Project No: C105781071	Client:ConocoPhillips	Well/ Boring ID: MW-7
Logged By: Caitlin Morgan	Location: 3535 Pierson Street, Oakland, CA	Page 1
Driller: Cascade	Date Drilled: 11/05/10	Location Map
Drilling Method:HSA	Hole Diameter: 8"	
Sampling Method: Split Spoon	Hole Depth: 20'	
Casing Type: Sched. 40 PVC	Well Diameter: 2"	
Slot Size: 0.010	Well Depth:20'	
Sand/Gravel Pack: RMC Lonestar 2/16	Casing Stickup: NA	

Well Completion	Static Water Level	Moisture Content	Neat Cement	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
									Variance approved to place well within 5' of both electrical and water lines running from the station building to the dispenser islands.
Neat Cement					1				
					2			Airknifed.	**Sandy Lean Clay;** brown-orange.
					3				
					4				
					5				
		Moist	0					CL	**Sandy Lean Clay;** brown-orange;medium plasticity.
					6				
					7				
Hydrated Bentonite					8				
					9				
					10				
		Moist	0					CL	**Lean Clay with Sand;** black with gray smearing and orange mottling; medium plasticity.
					11				
					12				
					13				
					14				
Sand	▽	Sat	0		15			CL	**Same as above,** with increased sands.
					16				
					17				
					18				
					19				
		Moist	0		20			CL	**Sandy Lean Clay;** gray; more dry. Not a full recovery.
					21				**BORING TERMINATED AT 20 FEET BGS.**
					22				First water encountered at 15' bgs.

DELTA

Project No: C105781071	Client:ConocoPhillips	Well/ Boring ID: MW-8
Logged By: Caitlin Morgan	Location: 3535 Pierson Street, Oakland, CA	Page 1
Driller: Cascade	Date Drilled: 11/05/10	Location Map
Drilling Method:HSA	Hole Diameter: 8"	
Sampling Method: Split Spoon	Hole Depth: 20'	
Casing Type: Sched. 40 PVC	Well Diameter: 2"	
Slot Size: 0.010	Well Depth:20'	
Sand/Gravel Pack: RMC Lonestar 2/16	Casing Stickup: NA	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
									3" Concrete removed. Rebharb cut with saw tool.
Neat Cement					1			Airknifed	Clayey sand with gravel; black.
					2				Same as above.
					3				Same as above with more red.
					4				Clayey sand. Boring cleared to 5' with no sub surface obstructions.
					5			SC	**Clayey Sand with Gravel;** black with some red mottling.
		Moist	0		6				
Hydrated Bentonite					7				
					8				
					9				
		Moist			10			SC	**Clayey Sand with Silt and Gravel;** gray with interbeds of black coloring.
					11				
					12				
	△				13			GC	**Clayey Gravel;** black, brown, orange; firm.
Sand					14				
		Sat.			15			GC	Same as above.
					16				
					17				
					18				
					19				
		Moist			20			CL	**Lean Clay;** brown-gray; some larger gravel.
									BORING TERMINATED AT 20 FEET.
					21				First water encountered at 13 feet bgs.
					22				

Project No: C105781071	Client:ConocoPhillips	Well/ Boring ID: MW-9
Logged By: Caitlin Morgan	Location: 3535 Pierson St, Oakland, CA	Page 1
Driller: Cascade	Date Drilled: 11/05/2010	Location Map
Drilling Method:HSA	Hole Diameter: 8"	
Sampling Method: Split Spoon	Hole Depth: 20'	
Casing Type: Sched. 40 PVC	Well Diameter: 2"	
Slot Size: 0.010	Well Depth:20'	
Sand/Gravel Pack: RMC Lonestar 2/16	Casing Stickup: NA	

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
									Variance approved to place well within 3-4 feet of a water line and six feet from an electrical line.
Neat Cement					1			Airknifed	
					2				
					3				**Clayey Sand with Gravel;** tan, orange.
					4				
					5				
		Moist	0					**SC**	**Clayey Sand with Gravel;** tan, orange.
					6				
					7				
Hydrated Bentonite					8				
					9				
					10				
		Moist	0					**SC**	**Clayey Sand;** tan and black; soft; high plasticity. Not a full recovery.
					11				
					12				
		△ Sat.			13				
Sand					14				
					15				
		Moist	0					**SC**	**Clayey Sand with Gravel;** coarse, pea to thumb sized gravel.
					16				
					17				
					18				
					19				
		Moist	0		20			**CL**	**Lean Clay;** gray; some small grain sand; soft.
									BORING TERMINATED AT 20 FEET BGS.
					21				First water encountered at 13 feet bgs.
					22				

AECOM	Client: Chevron	Boring No. SB-10
	Project Number: RO253 351640	
	Site Description/Location: 3535 Pierson Street, Oakland, CA	Project Manager: J. Harms
AECOM 10461 Old Placerville Road Sacramento, CA 95827 (916) 361-6400 www.aecom.com	Coordinates: Not Surveyed Elevation: Datum:	Sheet: 1 of 1
	Drilling Equipment/Method: /Direct Push	Well Installed: No
	Sample Type(s): Macro-core Boring Diameter: 2.25 IN.	Ambient PID: 0.0 ppm
Approved By: J. Law PG#8840	Logged By: J Harms Date/Time Started: 06-16-15	Depth of Boring: 18 ft bgs
Drilling Contractor: Gregg / Vince Pokrywka	Backfill: Cement Grout Date/Time Finished: 06-16-15	Water Level: Not Encountered

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
								0.3	Asphalt.	
									SILT WITH CLAY (ML) - [0,0,80,20] brownish yellow (10YR 6/6); dry; medium dense; non-plastic; no odor.	
		SB-10-2	0742		0.0					
									SANDY SILT [0,30,60,10] very dark gray (10YR 3/1); dry; medium dense; non-plastic; fine sand; no odor.	
5		SB-10-5	0746		0.0	ML				
					0.0				SANDY SILT WITH CLAY [0,30,50,20] very dark gray (10YR 3/1); dry; medium dense; non-plastic; fine sand; (clay increases).	
								9.5		
10		SB-10-10	0820	4	0.0	CL		11.0	LEAN CLAY WITH SAND AND SILT (CL) - [10,20,20,50] dark brown (10YR 3/2); moist; stiff; low plasticity; subangular, fine sand; fine gravel (max 0.2"); no odor. LEAN CLAY WITH SAND AND SILT [0,20,20,60] brown (10YR 5/4; dry; stiff; low plasticity; subangular, fine sand; no odor.	
					0.0	ML			SILT (ML) - [0,10,80,10] brown (10YR 5/4; dry; very stiff; non-plastic; fine sand.	
									(density increasing at 12 feet).	
				4						
15		SB-1-14.5	0830		0.0					
					0.0				SILT [0,10,80,10] brown (10YR 5/4; dry; hard; non-plastic; fine sand; no odor, refusal at 18 feet.	
				2				18.0		
									Geologist terminated boring due to refusal.	

Notes:

Hand Auger DPT 22

AECOM
10461 Old Placerville Road
Sacramento, CA 95827
(916) 361-6400
www.aecom.com

Client: Chevron			**Boring No. SB-11**
Project Number: RO253 351640			
Site Description/Location: 3535 Pierson Street, Oakland, CA			*Project Manager:* J. Harms
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 1 of 1
Drilling Equipment/Method: /Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: J. Law PG#8840	*Logged By:* J Harms	*Date/Time Started:* 06-16-15	*Depth of Boring:* 20 ft bgs
Drilling Contractor: Gregg / Vince Pokrywka	*Backfill:* Cement Grout	*Date/Time Finished:* 06-16-15	*Water Level:* 15.2 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
								0.3	Asphalt.	
									SANDY GRAVEL (GM) - [60,30,10,0] dark brown (10YR 3/1); dry; loose; subangular, poorly graded fine to medium sand; fine gravel (max 0.5"); previous excavation fill, wet at fill-native interface.	
		SB-11-2	0910		0.0					
5		SB-11-5	0920		0.0					
					0.0	GM				
10		SB-11-10	0930	4	0.0					
					0.0					
				4				14.0		
15		SB-11-15	0935		0.0				SILT WITH SAND (ML) - [0,15,80,5] brown (10YR 5/4); moist; soft; fine sand.	
						ML				
				4	0.0			18.0		
						CL			LEAN CLAY (CL) - [0,10,10,80] reddish brown (10YR 6/6); moist; hard; low plasticity; fine sand; no odor, iron nodules.	
20								20.0		
									Geologist terminated boring due to refusal.	

Notes:

Hand Auger DPT 22

AECOM

AECOM
10461 Old Placerville Road
Sacramento, CA 95827
(916) 361-6400
www.aecom.com

Client: Chevron			**Boring No. SB-12**
Project Number: RO253 351640			
Site Description/Location: 3535 Pierson Street, Oakland, CA			*Project Manager:* J. Harms
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 1 of 1
Drilling Equipment/Method: /Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: J. Law PG#8840	*Logged By:* J Harms	*Date/Time Started:* 06-16-15	*Depth of Boring:* 20 ft bgs
Drilling Contractor: Gregg / Vince Pokrywka	*Backfill:* Cement Grout	*Date/Time Finished:* 06-16-15	*Water Level:* Not Encountered

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
								0.3	asphalt.	
		SB-12-2	1012		0.0				SILT WITH SAND (ML) - [10,20,70,0] strong brown (10YR 5/6); moist; medium dense; subangular, fine sand; fine gravel (max 0.1"); no odor.	
5		SB-12-5	1020		0.1	ML			SILT WITH GRAVEL [20,10,70,0] strong brown (10YR 5/6); moist; medium dense; subangular, fine sand; fine gravel (max 0.2"); gravel increasing, no odor.	
					0.0			9.0	SILT WITH SAND [5,20,70,5] dark brown (10YR 3/1); moist; medium dense; subangular, fine sand; fine gravel (max 0.1").	
10		SB123-10	1030	4	0.0	CL			LEAN CLAY WITH SILT (CL) - [0,10,20,70] brown (10YR 5/3); moist; stiff; low plasticity; fine sand; no odor.	
				4	0.0			13.0	GRAVELLY SILT (ML) - [30,0,60,10] brown (10YR 5/3); moist; stiff; non-plastic; subangular, fine gravel (max 0.2").	
15		SB-12-15	1040		0.0	ML			layer of increased gravel 15.5-15.75 feet.	
				4	0.0			18.0		
						GM			GRAVEL WITH SILT (GM) - [70,10,20,0] brown (10YR 5/3); moist; stiff; non-plastic; subangular, poorly graded fine sand; fine gravel (max 0.5"); no odor.	
20								20.0		
									Geologist terminated boring due to refusal.	

Notes:

Hand Auger DPT 22

AECOM
10461 Old Placerville Road
Sacramento, CA 95827
(916) 361-6400
www.aecom.com

Client: Chevron			**Boring No. SB-13**
Project Number: RO253 351640			
Site Description/Location: 3535 Pierson Street, Oakland, CA			*Project Manager:* J. Harms
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 1 of 1
Drilling Equipment/Method: /Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: J. Law PG#8840	*Logged By:* J Harms	*Date/Time Started:* 06-17-15	*Depth of Boring:* 20 ft bgs
Drilling Contractor: Gregg / Vince Pokrywka	*Backfill:* Cement Grout	*Date/Time Finished:* 06-17-15	*Water Level:* 15.2 ft bgs

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-13-2 & DUP	0750		0.0	ML		4.0	SILT WITH SAND (ML) - [0,15,80,5] Brown (10YR 5/6); dry; medium dense; non-plastic; fine sand; no odor.	
5		SB-13-5	0755		0.0	CL		11.5	LEAN CLAY WITH SILT (CL) - [5,10,20,80] Brown (10YR 5/6); dry; medium dense; low plasticity; subangular, fine sand; fine gravel (max 0.1"). moist at 7-7.5 feet.	
10		SB-13-10	0815	4	0.0	GP		14.5	GRAVEL WITH SAND (GP) - [65,25,10,0] brown (7.5YR 4/6); dry; medium dense; subrounded, poorly graded fine sand; fine gravel (max 0.2").	
15		SB-13-12	0820	4	0.0	CL		17.0	LEAN CLAY WITH SILT (CL) - [0,5,15,80] greyish brown (10YR 2/1); wet; medium dense; low plasticity; fine sand; grey staining, weathered odor.	
		SB-13-GW				GP		17.8	GRAVEL WITH SAND (GP) - [65,25,10,0] greyish brown (10YR 2/1); wet; medium dense; subrounded, poorly graded fine sand; fine gravel (max 0.2"); grey staining, weathered odor.	
		SB-13-17	0830	4	3.2	CL		20.0	LEAN CLAY WITH SILT (CL) - [5,5,15,75] dark brown (10YR 4/1); wet; stiff; low plasticity; staining and odor decrease with depth.	
20		SB-13-19	0835		3.3				Geologist terminated boring due to target depth achieved.	

Notes:

Hand Auger DPT 22

AECOM 10461 Old Placerville Road Sacramento, CA 95827 (916) 361-6400 www.aecom.com	*Client:* Chevron		**Boring No. SB-14**
	Project Number: RO253 351640		
	Site Description/Location: 3535 Pierson Street, Oakland, CA		*Project Manager:* J. Harms
	Coordinates: Not Surveyed *Elevation:* *Datum:*		*Sheet:* 1 of 2
	Drilling Equipment/Method: /Direct Push		*Well Installed:* No
	Sample Type(s): Macro-core *Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: J. Law PG#8840	*Logged By:* J Harms *Date/Time Started:* 06-17-15		*Depth of Boring:* 24 ft bgs
Drilling Contractor: Gregg / Vince Pokrywka	*Backfill:* Cement Grout *Date/Time Finished:* 06-17-15		*Water Level:* Not Encountered

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-14-2	0845		0.0				SILT (ML) - [10,10,75,5] brown (10YR 4/2); dry; stiff; subangular, poorly graded fine sand; fine gravel (max 0.2"); vegetation at surface, minor charcoal observed.	
5		SB-14-5	0850		0.0	ML			increased gravel starting at 6 feet.	
					0.0				SILT WITH GRAVEL [20,5,75,0] brown (10YR 4/2); dry; stiff; subangular, poorly graded fine sand; fine gravel (max 0.2").	
10		SB-14-10	0900	4	0.0				layer of increasing fine sand 9.5-10 feet. SILT WITH SAND [0,15,70,5] brown (10YR 4/2); moist; stiff; fine sand; no odor.	
								11.0		
						CL			LEAN CLAY WITH SILT (CL) - [0,10,20,70] dark brown (10YR 2/1); moist; medium dense; low plasticity; fine sand; no odor.	
		SB-14-14	0905	4	0.0			14.0		
15						ML			SANDY SILT (ML) - [5,30,60,5] dark yellowish brown (10YR 4/6); dry; stiff; subangular, poorly graded fine sand; fine gravel (max 0.1"); no odor.	
					0.0			16.0		
		SB-14-16	0920	4	0.0	CL			LEAN CLAY WITH SAND (CL) - [5,15,5,75] dark yellowish brown (10YR 4/6); dry; very stiff; low plasticity; subangular, fine sand; fine gravel (max 0.1"); no odor.	
20										
								22.0		

Notes:

Hand Auger DPT 22

AECOM
10461 Old Placerville Road
Sacramento, CA 95827
(916) 361-6400
www.aecom.com

Client: Chevron			**Boring No. SB-14**
Project Number: RO253	351640		
Site Description/Location: 3535 Pierson Street, Oakland, CA			*Project Manager:* J. Harms
Coordinates: Not Surveyed	*Elevation:*	*Datum:*	*Sheet:* 2 of 2
Drilling Equipment/Method: /Direct Push			*Well Installed:* No
Sample Type(s): Macro-core	*Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: J. Law PG#8840	*Logged By:* J Harms	*Date/Time Started:* 06-17-15	*Depth of Boring:* 24 ft bgs
Drilling Contractor: Gregg / Vince Pokrywka	*Backfill:* Cement Grout	*Date/Time Finished:* 06-17-15	*Water Level:* Not Encountered

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
				4	0.0	ML		24.0	SILTY LEAN CLAY (ML) - [0,0,40,60] dark yellowish brown (10YR 4/6); dry; very stiff; non-plastic; subangular, fine sand; fine gravel (max 0.1"); no odor.	
					0.0				Geologist terminated boring due to target depth achieved.	

Notes:

AECOM 10461 Old Placerville Road Sacramento, CA 95827 (916) 361-6400 www.aecom.com	*Client:* Chevron		**Boring No. SB-15**
	Project Number: RO253 351640		
	Site Description/Location: 3535 Pierson Street, Oakland, CA		*Project Manager:* J. Harms
	Coordinates: Not Surveyed *Elevation:* *Datum:*		*Sheet:* 1 of 1
	Drilling Equipment/Method: /Direct Push		*Well Installed:* No
	Sample Type(s): Macro-core *Boring Diameter:* 2.25 IN.		*Ambient PID:* 0.0 ppm
Approved By: J. Law PG#8840	*Logged By:* J Harms	*Date/Time Started:* 06-16-15	*Depth of Boring:* 20 ft bgs
Drilling Contractor: Gregg / Vince Pokrywka	*Backfill:* Cement Grout	*Date/Time Finished:* 06-16-15	*Water Level:* Not Encountered

Depth (ft)	Sample Depth (ft)	Sample ID	Sample Time	Recovery (ft)	PID Reading (ppm)	USCS	Graphic Log	Soil Boundary (ft bgs)	Visual Description Soil Type (USCS Class) - [gr%,sd%,st%,cl%]	Elevation (ft amsl)
		SB-15-2	1310		0.0				GRAVELLY SILT (ML) - [40,10,50,0] brown (10YR 5/4); dry; medium dense; subangular, poorly graded fine sand; fine to coarse gravel (max 0.5").	
5		SB-15-5	1315		0.0	ML			gravel decreases. SILT WITH SAND [10,20,60,10] brown (10YR 5/4); dry; medium dense; subangular, fine sand; fine gravel (max 0.1"); no odor.	
					3.5					
10		SB-15-10	1330	4	2.6			11.0		
						CL			LEAN CLAY WITH SILT (CL) - [0,10,20,70] light brown (10YR 7/4); moist; medium dense; low plasticity.	
				4					LEAN CLAY WITH SILT [10,10,20,60] yellowish brown (10YR 5/8); moist; medium dense; low plasticity; subangular, fine sand; fine gravel (max 0.2").	
15					4.2			16.5		
		SB-15-17.5	1345	4	3.1	ML			SILT WITH SAND (ML) - [0,20,70,10] brown (10YR 4/2); moist; medium dense; fine sand. grey staining 17-17.5 feet.	
		SB-15-19	1350		8.7				SILT [10,10,70,10] wet; medium dense; subangular, fine sand; fine gravel (max 0.2"); no odor.	
20								20.0		
									Geologist terminated boring due to refusal.	

Notes:

Hand Auger DPT 22

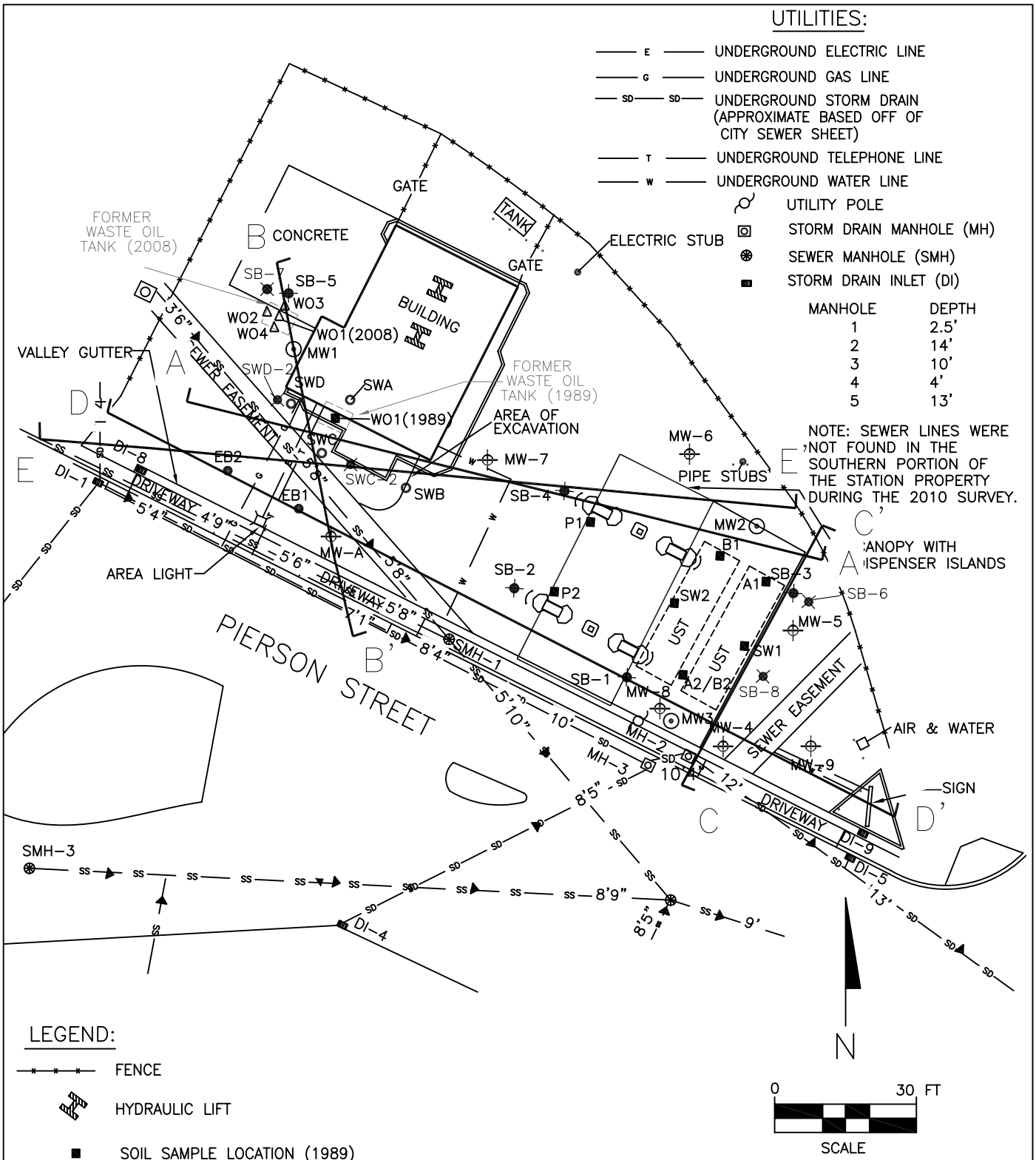


FIGURE 3
SITE MAP WITH CROSS SECTIONS

CONOCOPHILLIPS STATION NO. 5781
3535 PIERSON STREET
OAKLAND, CALIFORNIA

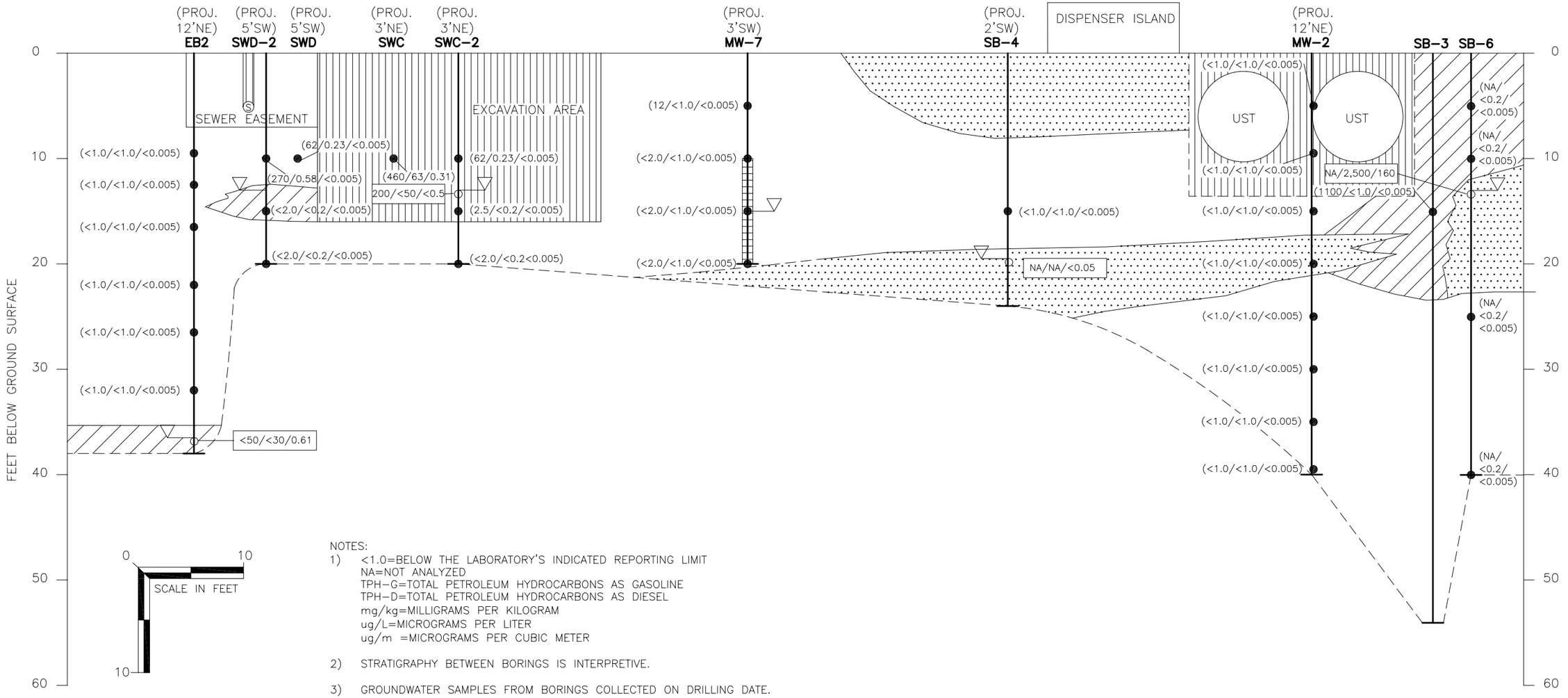
PROJECT NO.	PREPARED BY	DRAWN BY
C105781	CM	JH
DATE	REVIEWED BY	FILE NAME
01/26/11	JW	5781-SiteS

anteagroup

Figure 3A –
Cross Section A-A'

NORTHWEST A

SOUTHEAST A'

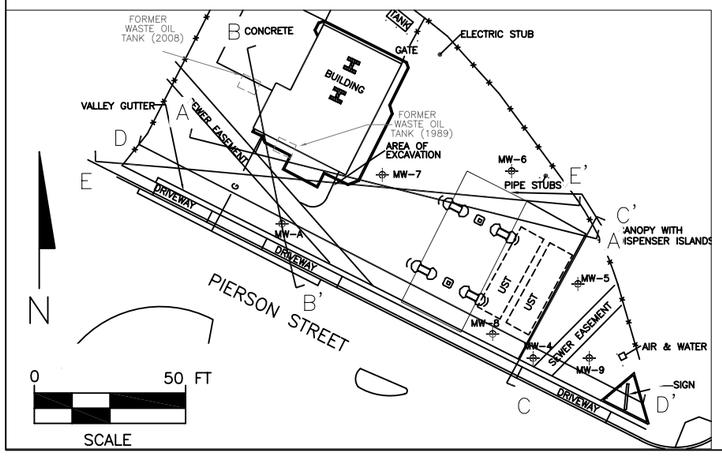


NOTES:

1) <1.0=BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
NA=NOT ANALYZED
TPH-G=TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
TPH-D=TOTAL PETROLEUM HYDROCARBONS AS DIESEL
mg/kg=MILLIGRAMS PER KILOGRAM
ug/L=MICROGRAMS PER LITER
ug/m =MICROGRAMS PER CUBIC METER

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) GROUNDWATER SAMPLES FROM BORINGS COLLECTED ON DRILLING DATE.



LEGEND

MW-A — BORING/MONITORING WELL NAME

(<1.0/<1.0/<0.005) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-D, TPH-G, BENZENE (mg/kg)

53/<50/<0.3 — DEPTH TO STATIC GROUNDWATER
GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-D, TPH-G, BENZENE (ug/L) (SAMPLED ON 3/27/09)
WELL SCREEN
DEPTH TO FIRST ENCOUNTERED GROUNDWATER DURING DRILLING

LOW PERMEABILITY (CLAY, SILT)
MEDIUM PERMEABILITY (SAND, GRAVEL W/ CLAY, SILT)
HIGH PERMEABILITY
ARTIFICIAL FILL
APPROXIMATE STRATIGRAPHIC BOUNDARY
Ⓢ SANITARY SEWER LINE (~5 ft bgs)

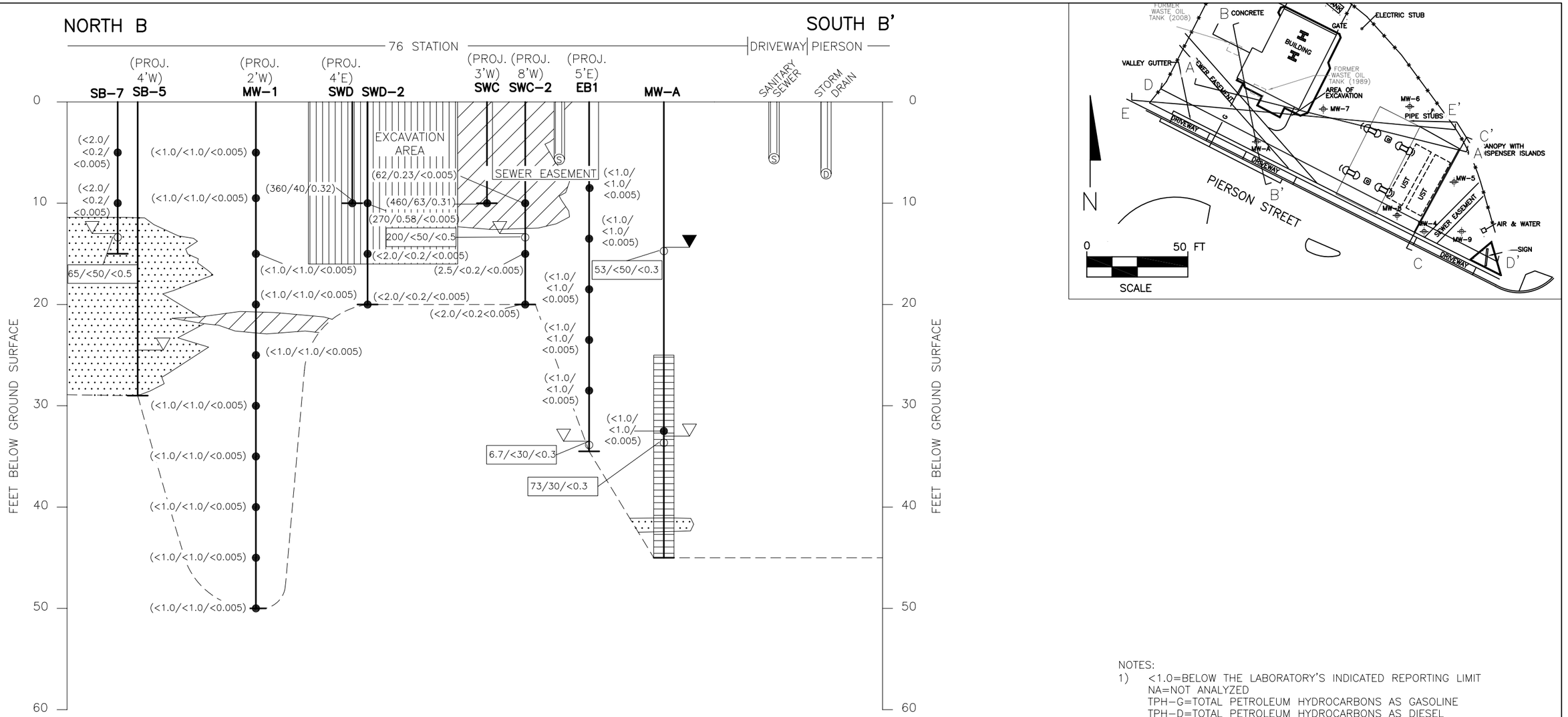
FIGURE 3A
GEOLOGIC CROSS SECTON A-A'

CONOCOPHILLIPS STATION NO. 5781
3535 PIERSON STREET
OAKLAND, CALIFORNIA

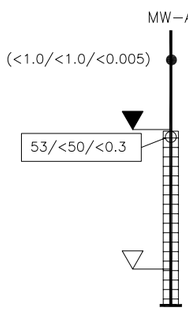
PROJECT NO.	PREPARED BY	DRAWN BY
C105781	CM	JH
DATE	REVIEWED BY	FILE NAME
01/26/11	JW	5781-SiteS

anteagroup

Figure 3B –
Cross Section B-B'



LEGEND



- MW-A — BORING/MONITORING WELL NAME
- (<1.0/<1.0/<0.005) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-D, TPH-G, BENZENE (mg/kg)
- 53/<50/<0.3 — DEPTH TO STATIC GROUNDWATER; GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-D, TPH-G, BENZENE (ug/L) (SAMPLED ON 3/27/09)
- WELL SCREEN
- DEPTH TO FIRST ENCOUNTERED GROUNDWATER DURING DRILLING

- LOW PERMEABILITY (CLAY, SILT)
- MEDIUM PERMEABILITY (SAND, GRAVEL W/ CLAY, SILT)
- HIGH PERMEABILITY
- ARTIFICIAL FILL
- APPROXIMATE STRATIGRAPHIC BOUNDARY

0 10
SCALE IN FEET
10

(D) STORM DRAIN (7.1 ft bgs)

(S) SANITARY SEWER LINE (5.58 ft bgs)

NOTES:

1) <1.0=BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
NA=NOT ANALYZED
TPH-G=TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
TPH-D=TOTAL PETROLEUM HYDROCARBONS AS DIESEL
mg/kg=MILLIGRAMS PER KILOGRAM
ug/L=MICROGRAMS PER LITER
ug/m =MICROGRAMS PER CUBIC METER

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) GROUNDWATER SAMPLES FROM BORINGS COLLECTED ON DRILLING DATE.

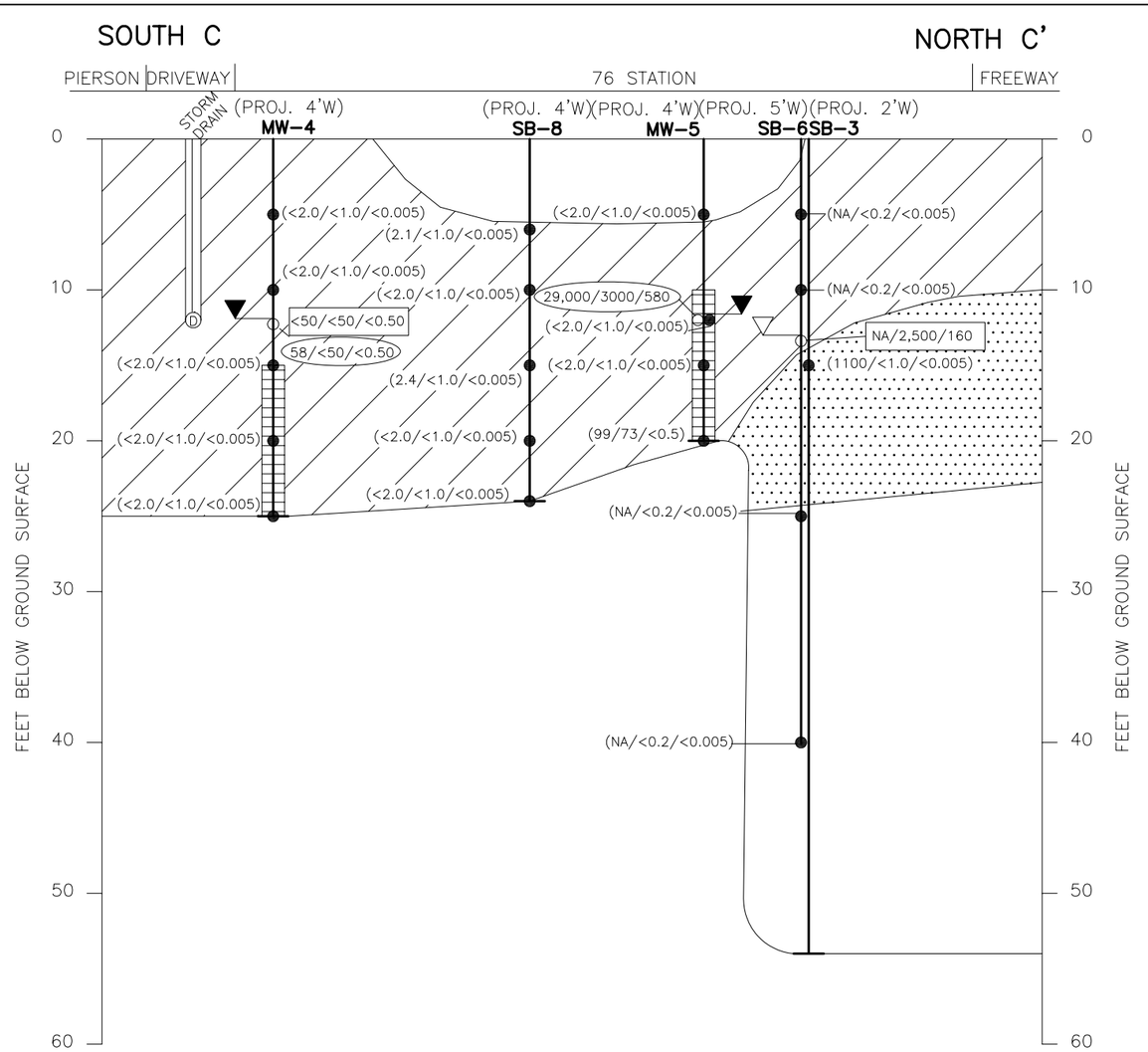
FIGURE 3B
GEOLOGIC CROSS SECTION B-B'

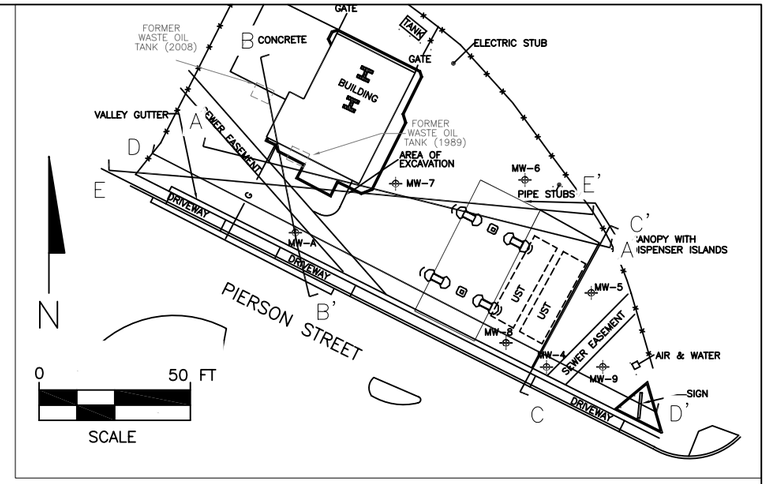
CONOCOPHILLIPS STATION NO. 5781
3535 PIERSON STREET
OAKLAND, CALIFORNIA

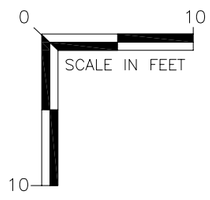
PROJECT NO.	PREPARED BY	DRAWN BY
C105781	CM	JH
DATE	REVIEWED BY	FILE NAME
01/26/11	JW	5781-SiteS

antea group

Figure 3C –
Cross Section C-C'







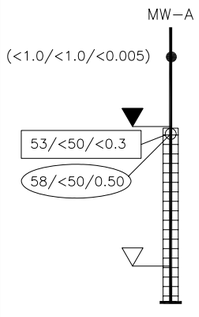
NOTES:

1) <1.0=BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
NA=NOT ANALYZED
TPH-G=TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
TPH-D=TOTAL PETROLEUM HYDROCARBONS AS DIESEL
mg/kg=MILLIGRAMS PER KILOGRAM
ug/L=MICROGRAMS PER LITER
ug/m =MICROGRAMS PER CUBIC METER

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) GROUNDWATER SAMPLES FROM BORINGS COLLECTED ON DRILLING DATE.

LEGEND



MW-A BORING/MONITORING WELL NAME

(<1.0/<1.0/<0.005) SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-D, TPH-G, BENZENE (mg/kg)

DEPTH TO STATIC GROUNDWATER

GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-D, TPH-G, BENZENE (ug/L)
RECTANGLE-(SAMPLED ON 6/24/10) (NON-PURGED SAMPLE)
OVAL-(SAMPLED ON 6/6/10) (PURGED SAMPLE)

WELL SCREEN

DEPTH TO FIRST ENCOUNTERED GROUNDWATER DURING DRILLING

LOW PERMEABILITY (CLAY, SILT)

MEDIUM PERMEABILITY (SAND, GRAVEL W/ CLAY, SILT)

HIGH PERMEABILITY

ARTIFICIAL FILL

APPROXIMATE STRATIGRAPHIC BOUNDARY

(D) STORM DRAIN (12 ft bgs)

FIGURE 3C
GEOLOGIC CROSS SECTION C-C'

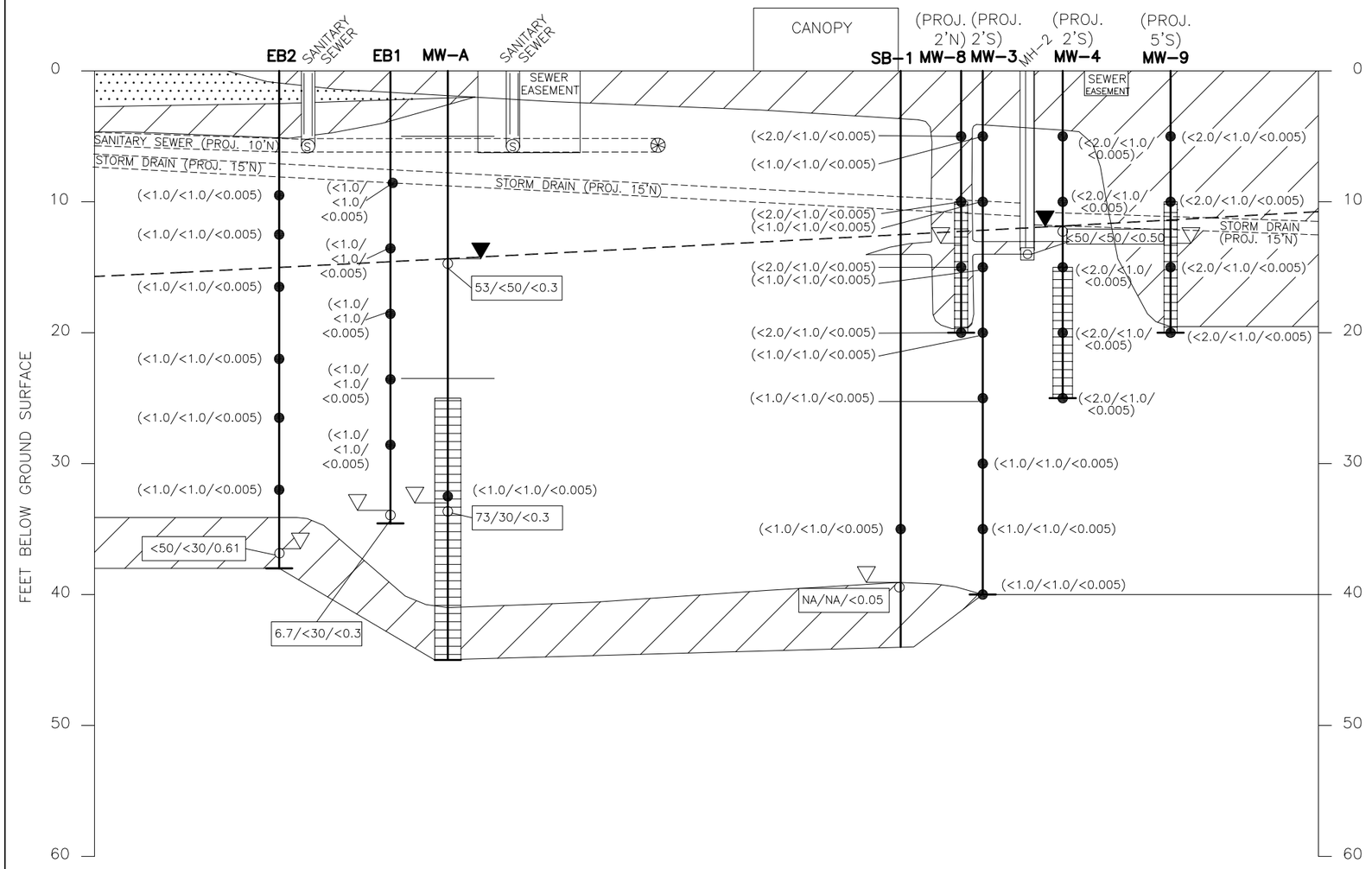
CONOCOPHILLIPS STATION NO. 5781
3535 PIERSON STREET
OAKLAND, CALIFORNIA

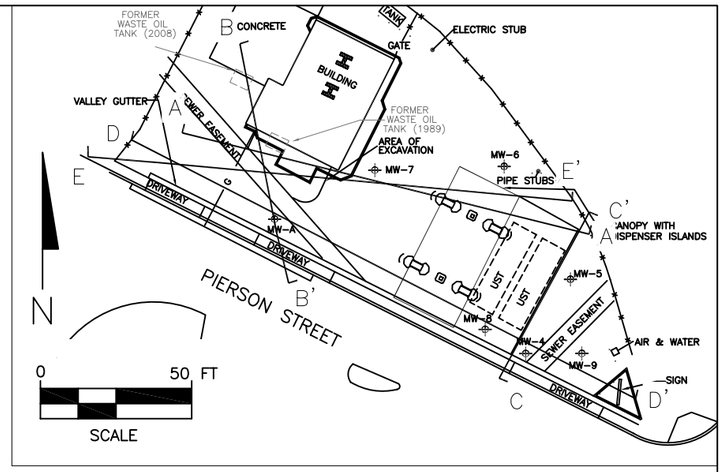
PROJECT NO.	PREPARED BY	DRAWN BY
C105781	CM	JH
DATE	REVIEWED BY	FILE NAME
01/26/11	JW	5781-SiteS

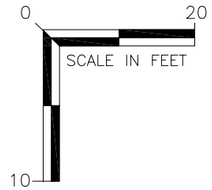
antea group

Figure 3D –
Cross Section D-D'

WEST D — EAST D'







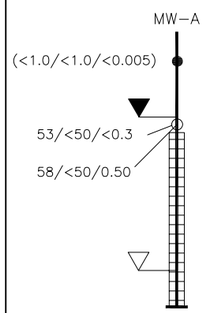
NOTES:

1) <1.0=BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
   NA=NOT ANALYZED
   TPH-G=TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
   TPH-D=TOTAL PETROLEUM HYDROCARBONS AS DIESEL
   mg/kg=MILLIGRAMS PER KILOGRAM
   ug/L=MICROGRAMS PER LITER
   ug/m =MICROGRAMS PER CUBIC METER

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) GROUNDWATER SAMPLES FROM BORINGS COLLECTED ON DRILLING DATE.

LEGEND



- MW-A — BORING/MONITORING WELL NAME
- (<1.0/<1.0/<0.005) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-D, TPH-G, BENZENE (mg/kg)
- DEPTH TO STATIC GROUNDWATER
- 53/<50/<0.3 — GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-D, TPH-G, BENZENE (ug/L)
- 58/<50/0.50 — RECTANGLE-(SAMPLED ON 6/24/10) (NON-PURGED SAMPLE)
- OVAL-(SAMPLED ON 6/6/10) (PURGED SAMPLE)
- WELL SCREEN
- DEPTH TO FIRST ENCOUNTERED GROUNDWATER DURING DRILLING

- LOW PERMEABILITY (CLAY, SILT)
- MEDIUM PERMEABILITY (SAND, GRAVEL W/ CLAY, SILT)
- HIGH PERMEABILITY
- ARTIFICIAL FILL
- APPROXIMATE STRATIGRAPHIC BOUNDARY

- GROUNDWATER ELEVATION LINE (JUNE 2010)
- PROJECTED UTILITY LINE
- (S) SANITARY SEWER LINE (5.75 ft bgs)
- STORM DRAIN (PROEJCT 10 ft N)
- SEWER MANHOLE (PROJECT 10 ft N)

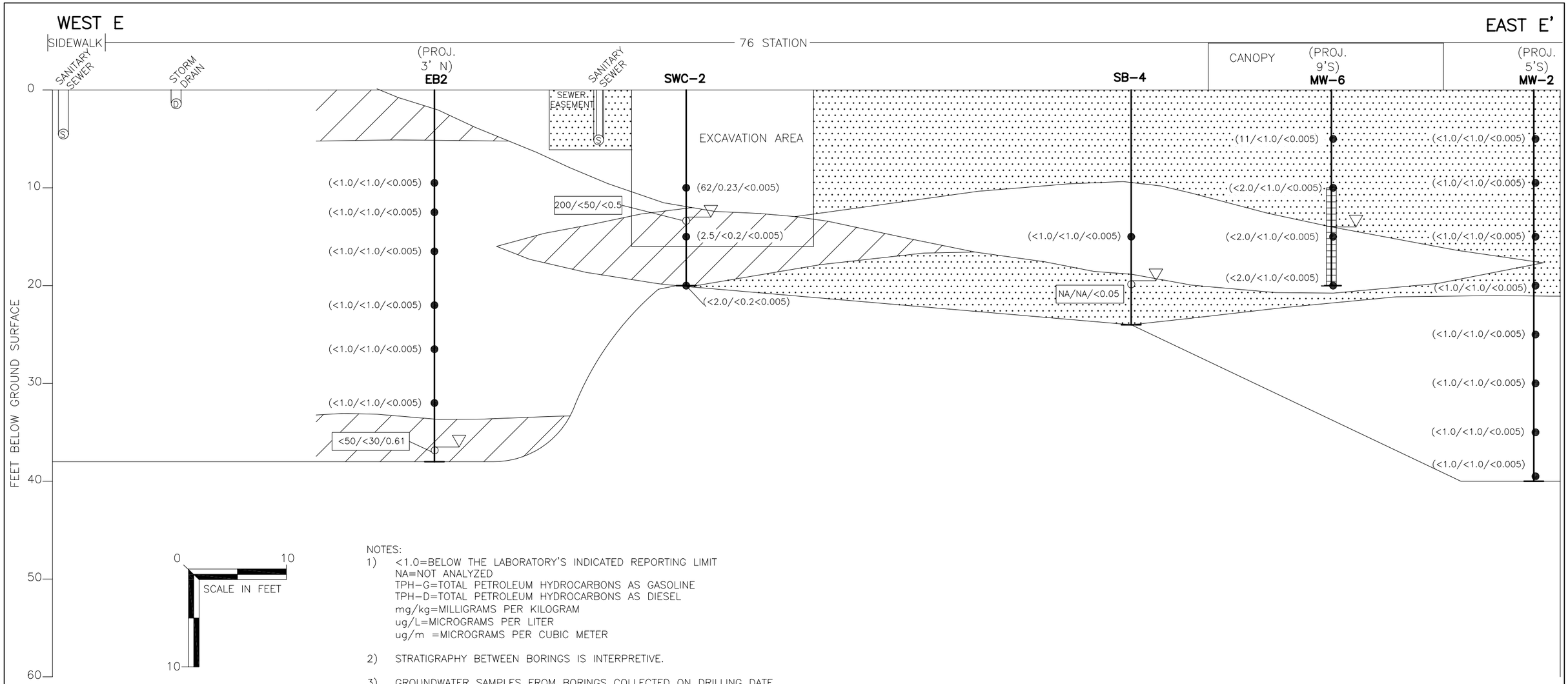
FIGURE 3D
GEOLOGIC CROSS SECTON D-D'

CONOCOPHILLIPS STATION NO. 5781
3535 PIERSON STREET
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
C105781	CM	JH
DATE	REVIEWED BY	FILE NAME
01/26/11	JW	5781-SiteS

antea group

Figure 3E –
Cross Section E-E'

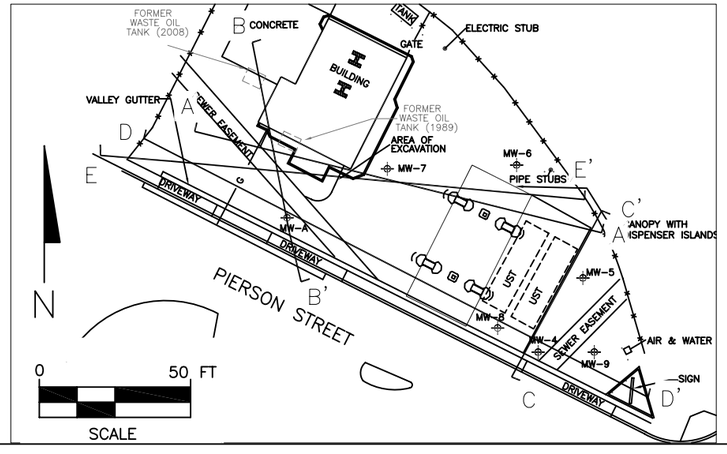


NOTES:

1) <1.0=BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
   NA=NOT ANALYZED
   TPH-G=TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
   TPH-D=TOTAL PETROLEUM HYDROCARBONS AS DIESEL
   mg/kg=MILLIGRAMS PER KILOGRAM
   ug/L=MICROGRAMS PER LITER
   ug/m =MICROGRAMS PER CUBIC METER

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) GROUNDWATER SAMPLES FROM BORINGS COLLECTED ON DRILLING DATE.



LEGEND

- MW-A — BORING/MONITORING WELL NAME
- (<1.0/<1.0/<0.005) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-D, TPH-G, BENZENE (mg/kg)
- DEPTH TO STATIC GROUNDWATER
- 53/<50/<0.3 — GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-D, TPH-G, BENZENE (ug/L) (SAMPLED ON 3/27/09)
- WELL SCREEN
- DEPTH TO FIRST ENCOUNTERED GROUNDWATER DURING DRILLING

- LOW PERMEABILITY (CLAY, SILT)
- MEDIUM PERMEABILITY (SAND, GRAVEL W/ CLAY, SILT)
- HIGH PERMEABILITY
- ARTIFICIAL FILL
- APPROXIMATE STRATIGRAPHIC BOUNDARY

(S) SANITARY SEWER LINE (4.5 ft bgs)

(D) STORM DRAIN LINE (1.3 ft bgs)

FIGURE 3E
GEOLOGIC CROSS SECTON E-E'

CONOCOPHILLIPS STATION NO. 5781
3535 PIERSON STREET
OAKLAND, CALIFORNIA

PROJECT NO.	PREPARED BY	DRAWN BY
C105781	CM	JH
DATE	REVIEWED BY	FILE NAME
01/26/11	JW	5781-SiteS

antea group

Appendix B

DWR Report

County	Township	Section	Tract	Sequence	Log Number	Hyperlink to Image	Owner_Name	Well_Address	Community	DrillerID	CompletionDate	WorkType	WaterUse	Depth	CsgDiameter	TopPerf	BottPerf
ALA01	01S03W	28	K	1	325073	View Log 325073	DESERT PETROLEUM 796		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	05/29/1990	New Well	Monitoring	31	4		
ALA01	01S03W	28	K	2	325074	View Log 325074	DESERT PETROLEUM 796		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	05/30/1990	New Well	Monitoring	25	4		
ALA01	01S03W	28	K	3	325071	View Log 325071	DESERT PETROLEUM 796		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	05/30/1990	New Well	Monitoring	25	4		
ALA01	01S03W	28	K	4	325076	View Log 325076	DESERT PETROLEUM 796		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	05/30/1990	New Well	Monitoring	25	4		
ALA01	01S03W	28	N	2	301941	View Log 301941	HEAD-ROYCE SCHOOL		OAKLAND	WEEKS DRILLING AND PUMP CO.,SEBASTOPOL,1776,41	08/31/1989	New Well	Irrigation	260	9		
ALA01	01S03W	28	N	3	301941A	View Log 301941A	HEAD-ROYCE SCHOOL		OAKLAND	WEEKS DRILLING AND PUMP CO.,SEBASTOPOL,1776,41	08/31/1989	Backfilled dry hole	Unused	105			
ALA01	01S03W	28			115703	View Log 115703											
ALA01	01S03W	32			E0094608	View Log E0094608	CAL ENGINEERING & GEOLOGY	E. 29TH AND SHEFFIELD AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/03/2009	New Well	Monitoring	55	2	35	55
ALA01	01S03W	32			E0094608A	View Log E0094608A	CAL ENGINEERING & GEOLOGY	E. 29TH AND SHEFFIELD AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/27/2009	New Well	Other use	57	2	15	57
ALA01	01S03W	32			E0094608B	View Log E0094608B	CAL ENGINEERING & GEOLOGY	E. 29TH AND SHEFFIELD AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/02/2009	New Well	Other use	70	2	33	70
ALA01	01S03W	32			E0094608C	View Log E0094608C	CAL ENGINEERING & GEOLOGY	E. 29TH AND SHEFFIELD AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/02/2009	New Well	Other use	66	2	35	66
ALA01	01S03W	32			E0094608D	View Log E0094608D	CAL ENGINEERING & GEOLOGY	E. 29TH AND SHEFFIELD AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/24/2009	New Well	Other use	56	2	25	35
ALA01	01S03W	32	J	1	365428A-C	View Log 365428A-C	CALI FRANCE CORP		OAKLAND	FRONTIER DRILLING,TURLOCK,1654,594	10/21/1990	New Well	Monitoring	46	2		
ALA01	01S03W	32	J	1	365428A	View Log 365428A	CALI FRANCE CORP		OAKLAND	FRONTIER DRILLING,TURLOCK,1654,594	10/21/1990	New Well	Monitoring	46	2		
ALA01	01S03W	32	J	2	365428B	View Log 365428B	CALI FRANCE CORP		OAKLAND	FRONTIER DRILLING,TURLOCK,1654,594	10/19/1990	New Well	Monitoring	51	2		
ALA01	01S03W	32	J	3	365428C	View Log 365428C	CALI FRANCE CORP		OAKLAND	FRONTIER DRILLING,TURLOCK,1654,594	10/21/1990	New Well	Monitoring	61	2		
ALA01	01S03W	32	J	4	365433A-B	View Log 365433A-B	CALI FRANCE CORP		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	03/18/1991	New Well	Monitoring	45	2		
ALA01	01S03W	32	J	4	365433A	View Log 365433A	CALI FRANCE CORP		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	03/18/1991	New Well	Monitoring	45	2		
ALA01	01S03W	32	J	5	365433B	View Log 365433B	CALI FRANCE CORP		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	04/18/1991	New Well	Monitoring	45	2		
ALA01	01S03W	32	J		01-449A-I	View Log 01-449A-I	CALI FRANCE CORP		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	06/12/1989	Test hole: soil sampling or exploration hole	Monitoring	31	8		
ALA01	01S03W	32	J		01-449A	View Log 01-449A	CALI FRANCE CORP		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	06/12/1989	Test hole: soil sampling or exploration hole	Monitoring	31	8		
ALA01	01S03W	32	J		01-449B	View Log 01-449B	CALI FRANCE CORP		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	07/13/1989	Test hole: soil sampling or exploration hole	Monitoring	36	8		
ALA01	01S03W	32	J		01-449C	View Log 01-449C	CALI FRANCE CORP		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	07/13/1989	Test hole: soil sampling or exploration hole	Monitoring	43	8		
ALA01	01S03W	32	J		01-449D	View Log 01-449D	CALI FRANCE CORP		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	07/14/1989	Test hole: soil sampling or exploration hole	Monitoring	43	8		
ALA01	01S03W	32	J		01-449E	View Log 01-449E	CALI FRANCE CORP		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/24/1989	Test hole: soil sampling or exploration hole	Monitoring	46	8		
ALA01	01S03W	32	J		01-449F	View Log 01-449F	CALI FRANCE CORP		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/24/1989	Test hole: soil sampling or exploration hole	Monitoring	41	8		
ALA01	01S03W	32	J		01-449G	View Log 01-449G	CALI FRANCE CORP		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/25/1989	Test hole: soil sampling or exploration hole	Monitoring	52	8		
ALA01	01S03W	32	J		01-449H	View Log 01-449H	CALI FRANCE CORP		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/28/1989	Test hole: soil sampling or exploration hole	Monitoring	51	8		
ALA01	01S03W	32	J		01-449I	View Log 01-449I	CALI FRANCE CORP		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/28/1989	Test hole: soil sampling or exploration hole	Monitoring	52	8		
ALA01	01S03W	32	J		365428D	View Log 365428D	CALI FRANCE CORP		OAKLAND	FRONTIER DRILLING,TURLOCK,1654,594	10/18/1990	Test hole: soil sampling or exploration hole	Monitoring	52	8		
ALA01	01S03W	32	J		365428E	View Log 365428E	CALI FRANCE CORP		OAKLAND	FRONTIER DRILLING,TURLOCK,1654,594	10/18/1990	Test hole: soil sampling or exploration hole	Monitoring	52	8		
ALA01	01S03W	32	N		01-256A	View Log 01-256A	EAST BAY M U D		CENTRAL RES	PITCHER DRILLING,PALO ALTO,2630,28	12/29/1986	Test hole: soil sampling or exploration hole	Geophysical exploration	32	3		
ALA01	01S03W	32	N		01-256B	View Log 01-256B	EAST BAY M U D		CENTRAL RES	PITCHER DRILLING,PALO ALTO,2630,28	12/30/1986	Test hole: soil sampling or exploration hole	Geophysical exploration	26	3		
ALA01	01S03W	32	N		01-256C	View Log 01-256C	EAST BAY M U D		CENTRAL RES	PITCHER DRILLING,PALO ALTO,2630,28	12/29/1986	Test hole: soil sampling or exploration hole	Geophysical exploration	37	3		
ALA01	01S03W	32	N		01-256D	View Log 01-256D	EAST BAY M U D		CENTRAL RES	PITCHER DRILLING,PALO ALTO,2630,28	12/30/1986	Test hole: soil sampling or exploration hole	Geophysical exploration	26	3		
ALA01	01S03W	32	N		01-256E	View Log 01-256E	EAST BAY M U D		CENTRAL RES	PITCHER DRILLING,PALO ALTO,2630,28	12/31/1986	Test hole: soil sampling or exploration hole	Geophysical exploration	26	3		
ALA01	01S03W	32	N		01-256F	View Log 01-256F	EAST BAY M U D		CENTRAL RES	PITCHER DRILLING,PALO ALTO,2630,28	12/31/1986	Test hole: soil sampling or exploration hole	Geophysical exploration	27	3		
ALA01	01S03W	32	P	2	407400	View Log 407400	BEDDIG, FRANCIS (MRS		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	01/15/1993	New Well	Monitoring	24	2		
ALA01	01S03W	32	P	3	407401	View Log 407401	BEDDIG, FRANCIS (MRS		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	01/15/1993	New Well	Monitoring	25	2		
ALA01	01S03W	32			61466	View Log 61466											
ALA01	01S03W	32			156838	View Log 156838											
ALA01	01S03W	33	E	2	106991	View Log 106991	VOLZ, HERMAN		OAKLAND	WOOD, LOUIS A,SAN LEANDRO,447,186	02/15/1980	New Well	Domestic	100	8		
ALA01	01S03W	33	F	1	429545	View Log 429545	RIGNEY, TOM		OAKLAND	FOOTHILL WELL DRILLING, INC,DUBLIN,1695,634	07/13/1991	New Well	Domestic	170	5		
ALA01	01S03W	33	G	1	429541	View Log 429541	ZEL, ZEBER		OAKLAND	FOOTHILL WELL DRILLING, INC,DUBLIN,1695,634	05/04/1991	New Well	Irrigation	44	6		
ALA01	01S03W	33	N		01-256A-F	View Log 01-256A-F	EAST BAY M U D		CENTRAL RES	PITCHER DRILLING,PALO ALTO,2630,28	12/29/1986	Test hole: soil sampling or exploration hole	Geophysical exploration	32	3		
ALA01	01S03W	33	P	1	01-448X	View Log 01-448X	BEDDIG PROPERTIES		OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	09/12/1989	New Well	Monitoring	30	2		
ALA01	01S03W	33			140327	View Log 140327											
ALA01	01S03W	33			140357	View Log 140357											
ALA01	01S03W	33			106736	View Log 106736											
ALA01	01S03W	34	J	2	374232	View Log 374232	HADJIAN, HOOSHANG		OAKLAND	ALPHA GEO SERVICE /DRILLING,SANTA CLARA,1517,470	04/24/1992	New Well	Monitoring	20	2		
ALA01	01S03W	34	J	3	374233	View Log 374233	HADJIAN, HOOSHANG		OAKLAND	ALPHA GEO SERVICE /DRILLING,SANTA CLARA,1517,470	04/24/1992	New Well	Monitoring	23	2		
ALA01	01S03W	34	J	5	584260	View Log 584260	HADJIAN, HOOSHANG		OAKLAND	ALPHA GEO SERVICE /DRILLING,SANTA CLARA,1517,470	12/23/1992	New Well	Monitoring	21	2		
ALA01	01S03W	34	K	1	55072	View Log 55072	EAST BAY M U D		OAKLAND	WILLIAMS WELL DRILLING,SUISUN,913,283	07/23/1982		Cathodic protection	65			
ALA01	01S03W	34	N		01-442D	View Log 01-442D	ANDERSON BROS TRACT		OAKLAND	OWNER OF WELL,,66,30	10/06/1989	Test hole: soil sampling or exploration hole	Geophysical exploration	6	6		
ALA01	01S03W	34	N		01-442D	View Log 01-442D	ANDERSON BROS TRACT		OAKLAND	OWNER OF WELL,,66,30	10/06/1989	Test hole: soil sampling or exploration hole	Geophysical exploration	6	6		
ALA01	01S03W	34	N		01-442E	View Log 01-442E	ANDERSON BROS TRACT		OAKLAND	OWNER OF WELL,,66,30	10/06/1989	Test hole: soil sampling or exploration hole	Geophysical exploration	6	6		
ALA01	01S03W	34	N		01-442F	View Log 01-442F	ANDERSON BROS TRACT		OAKLAND	OWNER OF WELL,,66,30	10/06/1989	Test hole: soil sampling or exploration hole	Geophysical exploration	6	6		
ALA01	01S03W	34	N		01-442G	View Log 01-442G	ANDERSON BROS TRACT		OAKLAND	OWNER OF WELL,,66,30	10/06/1989	Test hole: soil sampling or exploration hole	Geophysical exploration	6	6		
ALA01	01S03W	34	N		01-442H	View Log 01-442H	ANDERSON BROS TRACT		OAKLAND	OWNER OF WELL,,66,30	10/06/1989	Test hole: soil sampling or exploration hole	Geophysical exploration	12	6		
ALA01	01S03W	34	N		01-442I	View Log 01-442I	ANDERSON BROS TRACT		OAKLAND	OWNER OF WELL,,66,30	10/06/1989	Test hole: soil sampling or exploration hole	Geophysical exploration	6	6		
ALA01	01S03W	34	N		01-442J	View Log 01-442J	ANDERSON BROS TRACT		OAKLAND	OWNER OF WELL,,66,30	10/06/1989	Test hole: soil sampling or exploration hole	Geophysical exploration	7	6		
ALA01	01S03W	34	N		01-442K	View Log 01-442K	ANDERSON BROS TRACT		OAKLAND	OWNER OF WELL,,66,30	10/06/1989	Test hole: soil sampling or exploration hole	Geophysical exploration	6	6		
ALA01	01S03W	34	N		01-442L	View Log 01-442L	ANDERSON BROS TRACT		OAKLAND	OWNER OF WELL,,66,30	10/06/1989	Test hole: soil sampling or exploration hole	Geophysical exploration	6	6		
ALA01	01S03W	35	D	1	494963	View Log 494963	HEIM BROTHERS		OAKLAND	MARTELL WATER SYSTEMS INC,PITTSBURG,5109,157	05/04/1993	Abandonment or destruction	Unused	26	60		
ALA01	01S03W	35	M		01-460E	View Log 01-460E	OAKLAND CITY OF		OAKLAND	WEST TEK SUPPLY, INC.,SAN JOSE,1492,451	03/19/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	62	8		
ALA01	01S03W	35	M		01-460E	View Log 01-460E	OAKLAND CITY OF		OAKLAND	WEST TEK SUPPLY, INC.,SAN JOSE,1492,451	03/19/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	62	8		
ALA01	01S03W	35	M		01-460F	View Log 01-460F	OAKLAND CITY OF		OAKLAND	WEST TEK SUPPLY, INC.,SAN JOSE,1492,451	03/19/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	46	8		
ALA01	01S03W	35	M		01-460G	View Log 01-460G	OAKLAND CITY OF		OAKLAND	WEST TEK SUPPLY, INC.,SAN JOSE,1492,451	03/21/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	61	8		
ALA01	01S03W	35	M		01-460H	View Log 01-460H	OAKLAND CITY OF		OAKLAND	WEST TEK SUPPLY, INC.,SAN JOSE,1492,451	03/22/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	33	8		
ALA01	01S03W	35	M		01-460I	View Log 01-460I	OAKLAND CITY OF		OAKLAND	WEST TEK SUPPLY, INC.,SAN JOSE,1492,451	03/23/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	35	8		
ALA01	01S03W	35			361910	View Log 361910											
ALA01	01S03W	35			427203	View Log 427203											
ALA01	01S03W	35			427204	View Log 427204											
ALA01	01S03W	35			33503	View Log 33503											
ALA01	01S03W	35			106471	View Log 106471											
ALA01	02S03W	2	B	1	373058	View Log 373058	KNOX, GRANVILLE		OAKLAND	DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53	05/15/1991	New Well	Irrigation	300	7		
ALA01	02S03W	2	C	1	291724	View Log 291724	MARTIN, MERRILL		OAKLAND	MARTELL WATER SYSTEMS INC,PITTSBURG,5109,157	07/11/1990	New Well	Domestic	300	5		
ALA01	02S03W	3			01-1289	View Log 01-1289	MILLS COLLEGE	64TH AVE						330			
ALA01	02S03W	3	J	1	01-548H	View Log 01-548H	LEONA SULPHUR MINES		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	09/01/1992	New Well	Monitoring	60	2		
ALA01	02S03W	3	J	2	01-548I	View Log 01-548I	LEONA SULPHUR MINES		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	09/08/1992	New Well	Monitoring	39	2		
ALA01	02S03W	3	J	3	01-548J	View Log 01-548J	LEONA SULPHUR MINES		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	09/02/1992	New Well	Monitoring	79	2		
ALA01	02S03W	3	M	1	364664	View Log 364664	UNOCAL STATION 5781		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	12/11/1990	New Well	Extraction	45	2		
ALA01	02S03W	3	M		280350A-C	View Log 280350A-C	UNOCAL STATION 5781		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	04/09/1990	Test hole: soil sampling or exploration hole	Monitoring	50	9		
ALA01	02S03W	3	M		280350A	View Log 280350A	UNOCAL STATION 5781		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	04/09/1990	Test hole: soil sampling or exploration hole	Monitoring	50	9		
ALA01	02S03W	3	M		280350B	View Log 280350B	UNOCAL STATION 5781		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	04/10/1990	Test hole: soil sampling or exploration hole	Monitoring	40	9		
ALA01	02S03W	3	M		280350C	View Log 280350C	UNOCAL STATION 5781		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	04/10/1990	Test hole: soil sampling or exploration hole	Monitoring	40	9		
ALA01	02S03W	3	M		364633A-B	View Log 364633A-B	UNOCAL STATION 5781		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/05/1990	Test hole: soil sampling or exploration hole	Monitoring	35	9		
ALA01	02S03W	3	M		364633A	View Log 364633A	UNOCAL STATION 5781		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/05/1990	Test hole: soil sampling or exploration hole	Monitoring	35	9		
ALA01	02S03W	3	M		364633B	View Log 364633B	UNOCAL STATION 5781		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/06/1990	Test hole: soil sampling or exploration hole	Monitoring	38	9		
ALA01	02S03W	3	M		E0112010	View Log E0112010	CONOCOPHILLIPS	3535 PIERSON ST.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	06/04/2010	New Well	Monitoring	25		15	25
ALA01	02S03W	3	M		E0112012	View Log E0112012	CONOCOPHILLIPS	3535 PIERSON ST.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	06/04/2010	New Well	Monitoring	20		10	20
ALA01	02S03W	3	N	1	01-436C	View Log 01-436C	MILLS COLLEGE		OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	07/10/1989	New Well	Monitoring	24	2		

ALA01	02S03W	3	N	2	01-436D	View Log 01-436D	MILLS COLLEGE		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	06/01/1989	New Well	Monitoring	37	2		
ALA01	02S03W	3	N	3	01-436E	View Log 01-436E	MILLS COLLEGE		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	06/02/1989	New Well	Monitoring	37	2		
ALA01	02S03W	3	N	4	01-436F	View Log 01-436F	MILLS COLLEGE		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	06/02/1989	New Well	Monitoring	36	2		
ALA01	02S03W	3	P	2	372587A-B	View Log 372587A-B	MILLS COLLEGE		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	06/04/1991	New Well	Monitoring	21	2		
ALA01	02S03W	3	P	2	372587A	View Log 372587A	MILLS COLLEGE		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	06/04/1991	New Well	Monitoring	21	2		
ALA01	02S03W	3	P	3	372587B	View Log 372587B	MILLS COLLEGE		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	06/04/1991	New Well	Monitoring	19	2		
ALA01	02S03W	3			01-1292	View Log 01-1292											
ALA01	02S03W	3			01-1291	View Log 01-1291											
ALA01	02S03W	3			01-1290	View Log 01-1290											
ALA01	02S03W	3			140356	View Log 140356											
ALA01	02S03W	3			61470	View Log 61470											
ALA01	02S03W	4			E0088739	View Log E0088739	EXXONMOBILE OIL CORP.	3518 QUIGLEY ST.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/04/2009	New Well	Monitoring	40	2	30	40
ALA01	02S03W	4			E0088740	View Log E0088740	EXXONMOBILE OIL CORP.	3518 QUIGLEY ST.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/05/2009	New Well	Monitoring	40	2	30	40
ALA01	02S03W	4			E0088741	View Log E0088741	EXXONMOBILE OIL CORP.	3450 35TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/02/2009	New Well	Monitoring	40	2	35	45
ALA01	02S03W	4			E0088742	View Log E0088742	EXXONMOBILE OIL CORP.	3450 35TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/05/2009	New Well	Monitoring	42	2	30	40
ALA01	02S03W	4			E0088743	View Log E0088743	EXXONMOBILE OIL CORP.	3450 35TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/09/2009	New Well	Monitoring	40	2	29	39
ALA01	02S03W	4			E0088744	View Log E0088744	EXXONMOBILE OIL CORP.	3450 35TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/09/2009	New Well	Monitoring	40	2	30	40
ALA01	02S03W	4			E0131143A	View Log E0131143A	EXXONMOBIL OIL CORPORATION	3450 35TH AVE.	OAKLAND	CASCADE DRILLING INC,WOODINVILLE,9326,1137	12/22/2011	New Well	Test well	40	4	25	40
ALA01	02S03W	4	C	2	01-406K	View Log 01-406K	TEXACO INC		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	06/13/1988	New Well	Monitoring	26	6		
ALA01	02S03W	4	C	2	01-406K	View Log 01-406K	TEXACO INC		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	06/13/1988	New Well	Monitoring	26	6		
ALA01	02S03W	4	C	3	01-406L	View Log 01-406L	TEXACO INC		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	06/13/1988	New Well	Monitoring	25	6		
ALA01	02S03W	4	C	4	308373A	View Log 308373A	UNOCAL STATION 6129		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	12/12/1989	New Well	Monitoring	43	2		
ALA01	02S03W	4	C	5	308373B	View Log 308373B	UNOCAL STATION 6129		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	12/12/1989	New Well	Monitoring	43	2		
ALA01	02S03W	4	C	6	308373C	View Log 308373C	UNOCAL STATION 6129		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	12/13/1989	New Well	Monitoring	43	2		
ALA01	02S03W	4	C	6	308373C	View Log 308373C	UNOCAL STATION 6129		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	12/13/1989	New Well	Monitoring	43	2		
ALA01	02S03W	4	C		01-221A-B	View Log 01-221A-B	TEXACO INC		OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	09/23/1986	Test hole: soil sampling or exploration hole	Geophysical exploration	20	8		
ALA01	02S03W	4	C		01-221A	View Log 01-221A	TEXACO INC		OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	09/23/1986	Test hole: soil sampling or exploration hole	Geophysical exploration	20	8		
ALA01	02S03W	4	C		01-221B	View Log 01-221B	TEXACO INC		OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	09/23/1986	Test hole: soil sampling or exploration hole	Geophysical exploration	22	8		
ALA01	02S03W	4	C		308373D	View Log 308373D	UNOCAL STATION 6129		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	03/14/1990	Test hole: soil sampling or exploration hole	Monitoring	11	9		
ALA01	02S03W	4	C		308373D	View Log 308373D	UNOCAL STATION 6129		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	03/14/1990	Test hole: soil sampling or exploration hole	Monitoring	11	9		
ALA01	02S03W	4	C		308373F	View Log 308373F	UNOCAL STATION 6129		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	03/14/1990	Test hole: soil sampling or exploration hole	Monitoring	11	9		
ALA01	02S03W	4	C		308373G	View Log 308373G	UNOCAL STATION 6129		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	03/14/1990	Test hole: soil sampling or exploration hole	Monitoring	11	9		
ALA01	02S03W	4	C		308373G	View Log 308373G	UNOCAL STATION 6129		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	03/14/1990	Test hole: soil sampling or exploration hole	Monitoring	11	9		
ALA01	02S03W	4	C		308373E	View Log 308373E	UNOCAL STATION 6129		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	03/14/1990	Test hole: soil sampling or exploration hole	Monitoring	11	9		
ALA01	02S03W	4	D	4	01-176A-C	View Log 01-176A-C	MOBIL OIL CORP		OAKLAND	EXPLORATION DRILLING SERVICES,SAN JOSE,1497,455	07/30/1986	New Well	Monitoring	45	2		
ALA01	02S03W	4	D	4	01-176A	View Log 01-176A	MOBIL OIL CORP		OAKLAND	EXPLORATION DRILLING SERVICES,SAN JOSE,1497,455	07/30/1986	New Well	Monitoring	45	2		
ALA01	02S03W	4	D	5	01-176B	View Log 01-176B	MOBIL OIL CORP		OAKLAND	EXPLORATION DRILLING SERVICES,SAN JOSE,1497,455	07/31/1986	New Well	Monitoring	35	2		
ALA01	02S03W	4	D	6	01-176C	View Log 01-176C	MOBIL OIL CORP		OAKLAND	EXPLORATION DRILLING SERVICES,SAN JOSE,1497,455	07/31/1986	New Well	Monitoring	35	2		
ALA01	02S03W	4	D	7	01-479R	View Log 01-479R	B P OIL CO 11132		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	01/29/1990	New Well	Extraction	42	6		
ALA01	02S03W	4	D	7	01-479R	View Log 01-479R	B P OIL CO 11132		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	01/29/1990	New Well	Extraction	42	6		
ALA01	02S03W	4	D	8	01-479S	View Log 01-479S	B P OIL CO 11132		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	01/29/1990	New Well	Monitoring	42	2		
ALA01	02S03W	4	D	9	01-479T	View Log 01-479T	B P OIL CO 11132		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	02/01/1990	New Well	Monitoring	34	2		
ALA01	02S03W	4	D	10	01-479U	View Log 01-479U	B P OIL CO 11132		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	02/01/1990	New Well	Monitoring	35	2		
ALA01	02S03W	4	D	11	01-479V	View Log 01-479V	B P OIL CO 11132		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	02/01/1990	New Well	Monitoring	34	2		
ALA01	02S03W	4	D	12	01-492V	View Log 01-492V	B P OIL COMPANY		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	02/25/1991	New Well	Monitoring	42	2		
ALA01	02S03W	4	D	12	01-492V	View Log 01-492V	B P OIL COMPANY		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	02/25/1991	New Well	Monitoring	42	2		
ALA01	02S03W	4	D	13	01-492W	View Log 01-492W	B P OIL COMPANY		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	02/26/1991	New Well	Monitoring	37	2		
ALA01	02S03W	4	D	14	01-492X	View Log 01-492X	B P OIL COMPANY		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	02/27/1991	New Well	Monitoring	37	2		
ALA01	02S03W	4	D	15	01-545F	View Log 01-545F	EXXON COMPANY 70234		OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	07/14/1992	New Well	Monitoring	45	4		
ALA01	02S03W	4	D	15	01-545F	View Log 01-545F	EXXON COMPANY 70234		OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	07/14/1992	New Well	Monitoring	45	4		
ALA01	02S03W	4	D	16	01-545G	View Log 01-545G	EXXON COMPANY 70234		OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	07/14/1992	New Well	Monitoring	45	4		
ALA01	02S03W	4	D	17	01-545H	View Log 01-545H	EXXON COMPANY 70234		OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	07/15/1992	New Well	Monitoring	45	4		
ALA01	02S03W	4	G	1	293396	View Log 293396	CHEVRON U S A 93676		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	10/10/1988	New Well	Monitoring	30	4		
ALA01	02S03W	4	G	2	293397	View Log 293397	CHEVRON U S A 93676		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	10/10/1988	New Well	Monitoring	32	4		
ALA01	02S03W	4	G	3	293398	View Log 293398	CHEVRON U S A 93676		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	10/11/1988	New Well	Monitoring	32	4		
ALA01	02S03W	4	G	4	293453	View Log 293453	CHEVRON U S A 93676		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	10/11/1988	New Well	Monitoring	32	4		
ALA01	02S03W	4	G	5	293452	View Log 293452	CHEVRON U S A 93676		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	10/16/1988	New Well	Monitoring	27	4		
ALA01	02S03W	4	G	6	198722A	View Log 198722A	CHEVRON U S A 93676		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/02/1989	New Well	Monitoring	30	4		
ALA01	02S03W	4	G	6	303713	View Log 303713	CHEVRON U S A		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/02/1989	New Well	Monitoring	35	4		
ALA01	02S03W	4	G	7	198722B	View Log 198722B	CHEVRON U S A 93676		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/02/1989	New Well	Monitoring	35	4		
ALA01	02S03W	4	G	7	303712	View Log 303712	CHEVRON U S A		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/02/1989	New Well	Monitoring	30	4		
ALA01	02S03W	4	G	8	404433	View Log 404433	CHEVRON U S A 93676		OAKLAND	SPECTRUM EXPLORATION, INC,STOCKTON,5122,530	12/29/1992	New Well	Monitoring	22	2		
ALA01	02S03W	4	G	9	404432	View Log 404432	CHEVRON U S A 93676		OAKLAND	SPECTRUM EXPLORATION, INC,STOCKTON,5122,530	12/29/1992	New Well	Monitoring	27	2		
ALA01	02S03W	4	G		162809	View Log 162809	ST LAWRENCE O'TOOLE		OAKLAND	DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53	11/14/1984	Abandonment or destruction	Unused	7			
ALA01	02S03W	4	K	1	01-177A-B	View Log 01-177A-B	MOBIL OIL CORP		OAKLAND	EXPLORATION DRILLING SERVICES,SAN JOSE,1497,455	07/29/1986	New Well	Monitoring	35	2		
ALA01	02S03W	4	K	1	01-177A	View Log 01-177A	MOBIL OIL CORP		OAKLAND	EXPLORATION DRILLING SERVICES,SAN JOSE,1497,455	07/29/1986	New Well	Monitoring	35	2		
ALA01	02S03W	4	K	2	01-177B	View Log 01-177B	MOBIL OIL CORP		OAKLAND	EXPLORATION DRILLING SERVICES,SAN JOSE,1497,455	07/30/1986	New Well	Monitoring	30	2		
ALA01	02S03W	4	K	3	01-177C	View Log 01-177C	MOBIL OIL CORP		OAKLAND	EXPLORATION DRILLING SERVICES,SAN JOSE,1497,455	07/30/1986	New Well	Monitoring	30	2		
ALA01	02S03W	4	K	3	340493	View Log 340493	B P OIL CO 11124		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	05/13/1991	Abandonment or destruction	Unused	30	10		
ALA01	02S03W	4	K	4	340494	View Log 340494	B P OIL CO 11124		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	05/13/1991	New Well	Monitoring	31	2		
ALA01	02S03W	4	L	1	340002	View Log 340002	ZINA CENTER, INC		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	02/20/1990	New Well	Monitoring	36	4		
ALA01	02S03W	4	N		01-142A	View Log 01-142A	ALAMEDA CO FC & WCD		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/26/1986	Backfilled dry hole	Geophysical exploration	32	6		
ALA01	02S03W	4			33272	View Log 33272											
ALA01	02S03W	4			01-1294	View Log 01-1294											
ALA01	02S03W	4			91507	View Log 91507											
ALA01	02S03W	4			115706	View Log 115706											
ALA01	02S03W	5	C	2	303736	View Log 303736	CHEVRON U S A		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/16/1989	New Well	Monitoring	22	4		
ALA01	02S03W	5	C	3	303737	View Log 303737	CHEVRON U S A		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/16/1989	New Well	Monitoring	19	4		
ALA01	02S03W	5	C	4	293484	View Log 293484	CHEVRON U S A 94340		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	05/23/1989	New Well	Monitoring	26	4		
ALA01	02S03W	5	C	5	293485	View Log 293485	CHEVRON U S A 94340		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	05/23/1989	New Well	Monitoring	22	4		
ALA01	02S03W	5	C	6	293486	View Log 293486	CHEVRON U S A 94340		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	05/23/1989	New Well	Monitoring	22	4		
ALA01	02S03W	5	C	7	293487	View Log 293487	CHEVRON U S A 94340		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	05/24/1989	New Well	Monitoring	25	4		
ALA01	02S03W	5	C	8	293488	View Log 293488	CHEVRON U S A 94340		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	05/24/1989	New Well	Monitoring	22	4		
ALA01	02S03W	5	C	9	293489	View Log 293489	CHEVRON U S A 94340		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	05/24/1989	New Well	Monitoring	22	4		
ALA01	02S03W	5	C	10	340327	View Log 340327	CHEVRON U S A 94340		OAKLAND	B AND F DRILLING, INC,RANCHO CORDOVA,1569,509	07/26/1990	New Well	Monitoring	27	2		
ALA01	02S03W	5	C	11	340328	View Log 340328	CHEVRON U S A 94340		OAKLAND	B AND F DRILLING, INC,RANCHO CORDOVA,1569,509	07/26/1990	New Well	Monitoring	27	2		
ALA01	02S03W	5	C	12	342668A	View Log 342668A	CHEVRON U S A 94340		OAKLAND	R E S N A,BAKERSFIELD,1703,642	10/08/1991	New Well	Monitoring	22	2		
ALA01	02S03W	5	C	12	342668A-D	View Log 342668A-D	CHEVRON U S A 94340		OAKLAND	R E S N A,BAKERSFIELD,1703,642	10/08/1991	New Well	Monitoring	22	2		
ALA01	02S03W	5	C	13	342668B	View Log 342668B	CHEVRON U S A 94340		OAKLAND	R E S N A,BAKERSFIELD,1703,642	10/08/1991	New Well	Monitoring	23	2		
ALA01	02S03W	5	C	14	342668C	View Log 342668C	CHEVRON U S A 94340		OAKLAND	R E S N A,BAKERSFIELD,1703,642	10/09/1991	New Well	Monitoring	25	2		
ALA01	02S03W	5	C	15	342668D	View Log 342668D	CHEVRON U S A 94340		OAKLAND	R E S N A,BAKERSFIELD,1703,642	10/09/1991	New Well	Monitoring	27	2		
ALA01	02S03W	5	C		01-143A-D	View Log 01-143A-D	PERALTA HACIENDA		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	10/19/1985	Backfilled dry hole	Geophysical exploration	20			
ALA01	02S03W	5	C		01-143A	View Log 01-143A	PERALTA HACIENDA		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	10/19/1985	Backfilled dry hole	Geophysical exploration	20			

ALA01	02S03W	5 C	01-143B	View Log 01-143B	PERALTA HACIENDA		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	10/19/1985	Backfilled dry hole	Geophysical exploration	20			
ALA01	02S03W	5 C	01-143C	View Log 01-143C	PERALTA HACIENDA		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	10/19/1985	Backfilled dry hole	Geophysical exploration	20			
ALA01	02S03W	5 C	01-143D	View Log 01-143D	PERALTA HACIENDA		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	10/19/1985	Backfilled dry hole	Geophysical exploration	20			
ALA01	02S03W	5 E	1 179171	View Log 179171	QUIK-STOP MARKET		OAKLAND	EXPLORATION DRILLING SERVICES,SAN JOSE,1497,455	09/13/1985	New Well	Monitoring	26	2		
ALA01	02S03W	5	140322	View Log 140322											
ALA01	02S03W	8	01-531H	View Log 01-531H	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	09/23/1991	Test hole: soil sampling or exploration hole	Monitoring	10	3		
ALA01	02S03W	8	01-531I	View Log 01-531I	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	09/23/1991	Test hole: soil sampling or exploration hole	Monitoring	10	3		
ALA01	02S03W	8	01-531J	View Log 01-531J	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	09/23/1991	Test hole: soil sampling or exploration hole	Monitoring	10	3		
ALA01	02S03W	8	01-531K	View Log 01-531K	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	09/23/1991	Test hole: soil sampling or exploration hole	Monitoring	10	3		
ALA01	02S03W	8	01-531L	View Log 01-531L	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	09/23/1991	Test hole: soil sampling or exploration hole	Monitoring	10	3		
ALA01	02S03W	8	E0090612	View Log E0090612	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/13/2009	New Well	Monitoring	30	2	20	30
ALA01	02S03W	8	E0090613	View Log E0090613	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/14/2009	New Well	Monitoring	30	2	20	30
ALA01	02S03W	8	E0090614	View Log E0090614	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/15/2009	New Well	Other use	35	2	25	35
ALA01	02S03W	8	E0090616	View Log E0090616	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/16/2009	New Well	Other use	32	2	20	30
ALA01	02S03W	8	E0090617	View Log E0090617	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/16/2009	New Well	Vapor extraction	8	2	3	8
ALA01	02S03W	8	E0090618	View Log E0090618	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/16/2009	New Well	Test well	30	1	20	30
ALA01	02S03W	8	E0090619	View Log E0090619	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/16/2009	New Well	Test well	8	1	3	8
ALA01	02S03W	8	E0090620	View Log E0090620	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/17/2009	New Well	Test well	30	1	20	30
ALA01	02S03W	8	E0090621	View Log E0090621	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/17/2009	New Well	Test well	8	1	3	8
ALA01	02S03W	8	E0090622	View Log E0090622	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/17/2009	New Well	Test well	30	1	20	30
ALA01	02S03W	8	E0090623	View Log E0090623	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/17/2009	New Well	Test well	8	1	3	8
ALA01	02S03W	8	E0090624	View Log E0090624	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/20/2009	New Well	Test well	35	1	25	35
ALA01	02S03W	8	E0090625	View Log E0090625	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/20/2009	New Well	Test well	8	1	3	8
ALA01	02S03W	8	E0090626	View Log E0090626	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/20/2009	New Well	Test well	35	1	25	35
ALA01	02S03W	8	E0090627	View Log E0090627	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/20/2009	New Well	Test well	8	1	3	8
ALA01	02S03W	8	E0090628	View Log E0090628	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/21/2009	New Well	Test well	35	1	25	35
ALA01	02S03W	8	E0090629	View Log E0090629	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/21/2009	New Well	Test well	8	1	3	8
ALA01	02S03W	8	E0090630	View Log E0090630	UNION PACIFIC RAILROAD	833 ATKINSON ST., SUITE 100	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/13/2009	Abandonment or destruction	Unused				
ALA01	02S03W	8	E0090631	View Log E0090631	UNION PACIFIC RAILROAD	833 ATKINSON ST., SUITE 100	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/13/2009	Abandonment or destruction	Unused				
ALA01	02S03W	8	E0090656	View Log E0090656	UNION PACIFIC RAILROAD	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/15/2009	New Well	Vapor extraction	9	2	3	9
ALA01	02S03W	8	E0091174	View Log E0091174	SHELL OIL PRODUCTS US	4411 FOOTHILL BLVD	OAKLAND	UNKNOWN,Unknown,1000,941	05/14/2009	New Well	Extraction	10	1	7	10
ALA01	02S03W	8	E0091176	View Log E0091176	SHELL OIL PRODUCTS US	4411 FOOTHILL BLVD	OAKLAND	UNKNOWN,Unknown,1000,941	05/14/2009	New Well	Extraction	12	1	9	12
ALA01	02S03W	8 A	01-142B	View Log 01-142B	ALAMEDA CO FC & WCD		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/26/1986	Backfilled dry hole	Geophysical exploration	32	6		
ALA01	02S03W	8 D	1 01-459Z	View Log 01-459Z	AUGUST MANUFACTURING		OAKLAND	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	03/23/1990	New Well	Monitoring	35	2		
ALA01	02S03W	8 D	1 01-468U	View Log 01-468U	AUGUST MANUFACTURING		OAKLAND	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	03/23/1990	New Well	Monitoring	35	2		
ALA01	02S03W	8 D	2 01-485U	View Log 01-485U	AUGUST MANUFACTURING		OAKLAND	WEEKS DRILLING AND PUMP CO.,SEBASTOPOL,1776,41	09/14/1990	New Well	Monitoring	27	4		
ALA01	02S03W	8 D	3 01-488O	View Log 01-488O	AUGUST MANUFACTURING		OAKLAND	WEEKS DRILLING AND PUMP CO.,SEBASTOPOL,1776,41	09/14/1990	New Well	Monitoring	27	4		
ALA01	02S03W	8 E	2 284601	View Log 284601	CHEVRON U S A 4612		OAKLAND	DATUM EXPLORATION,PITTSBURG,1518,471	08/09/1988	New Well	Monitoring	30	4		
ALA01	02S03W	8 E	3 403146A	View Log 403146A	CHEVRON U S A 94612		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	02/01/1993	New Well	Monitoring	21	2		
ALA01	02S03W	8 E	3 403146A-B	View Log 403146A-B	CHEVRON U S A 94612		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	02/01/1993	New Well	Monitoring	21	2		
ALA01	02S03W	8 E	4 403146B	View Log 403146B	CHEVRON U S A 94612		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	02/01/1993	New Well	Monitoring	21	2		
ALA01	02S03W	8 F	1 325107A	View Log 325107A	SHELL OIL COMPANY		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	04/04/1990	New Well	Monitoring	31	4		
ALA01	02S03W	8 F	1 325107A-C	View Log 325107A-C	SHELL OIL COMPANY		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	04/04/1990	New Well	Monitoring	31	4		
ALA01	02S03W	8 F	2 325107B	View Log 325107B	SHELL OIL COMPANY		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	04/05/1990	New Well	Monitoring	31	4		
ALA01	02S03W	8 F	3 325107C	View Log 325107C	SHELL OIL COMPANY		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	04/05/1990	New Well	Monitoring	31	4		
ALA01	02S03W	8 F	4 421866	View Log 421866	SHELL OIL COMPANY		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	06/24/1992	New Well	Monitoring	27	2		
ALA01	02S03W	8 F	80 400970	View Log 400970	PRESSURE CAST		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/29/1996	Abandonment or destruction	Unused	15	2		
ALA01	02S03W	8 G	1 237649	View Log 237649	INTEGRATED ENV SYST	499 HIGH ST	OAKLAND	MARTELL WATER SYSTEMS INC,PITTSBURG,5109,157	12/03/1985	New Well	Industrial	610	6	170	600
ALA01	02S03W	8 G	1 299116	View Log 299116	I E S		OAKLAND	DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53	12/09/1987	Abandonment or destruction	Unused	300	6		
ALA01	02S03W	8 G	2 01-274A	View Log 01-274A	CHEVRON U S A		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	08/13/1987	New Well	Monitoring	41	3		
ALA01	02S03W	8 G	3 01-274B	View Log 01-274B	CHEVRON U S A		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	08/13/1987	New Well	Monitoring	41	3		
ALA01	02S03W	8 G	4 01-274C	View Log 01-274C	CHEVRON U S A		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	08/13/1987	New Well	Monitoring	41	3		
ALA01	02S03W	8 G	5 01-274D	View Log 01-274D	CHEVRON U S A		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	08/13/1987	New Well	Monitoring	41	3		
ALA01	02S03W	8 G	6 305419	View Log 305419	MOBIL OIL CORP		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	04/19/1989	New Well	Monitoring	32	2		
ALA01	02S03W	8 G	7 305421	View Log 305421	MOBIL OIL CORP		OAKLAND		04/01/1989	New Well		32	2		
ALA01	02S03W	8 G	10 260461	View Log 260461	MOBIL OIL CORP		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	01/24/1990	New Well	Monitoring	34	4		
ALA01	02S03W	8 G	11 260462	View Log 260462	MOBIL OIL CORP		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	01/29/1990	New Well	Monitoring	30	4		
ALA01	02S03W	8 G	12 325515A	View Log 325515A	CHEVRON USA		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	08/01/1990	New Well	Monitoring	47	2		
ALA01	02S03W	8 G	13 325515B	View Log 325515B	CHEVRON USA		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	08/01/1990	New Well	Monitoring	57	2		
ALA01	02S03W	8 G	14 325515C	View Log 325515C	CHEVRON USA		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	07/31/1990	New Well	Monitoring	57	2		
ALA01	02S03W	8 G	15 362283	View Log 362283	CHEVRON U S A 90076		OAKLAND	SOILS EXPLORATION SERVICES INC,VACAVILLE,1658,598	11/01/1990	New Well	Monitoring	60	2		
ALA01	02S03W	8 G	16 364602A	View Log 364602A	UNOCAL STATION 2659		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	09/19/1990	New Well	Monitoring	51	2		
ALA01	02S03W	8 G	17 364602B	View Log 364602B	UNOCAL STATION 2659		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	09/19/1990	New Well	Monitoring	51	2		
ALA01	02S03W	8 G	18 364602C	View Log 364602C	UNOCAL STATION 2659		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	09/20/1990	New Well	Monitoring	51	2		
ALA01	02S03W	8 G	19 413689	View Log 413689	UNOCAL STATION 2656		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	03/04/1992	New Well	Monitoring	50	2		
ALA01	02S03W	8 G	25 412874	View Log 412874	HESS, JOSEPH/ROSEMAR		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	04/14/1993	New Well	Monitoring	46	4		
ALA01	02S03W	8 G	26 412873	View Log 412873	HESS, JOSEPH/ROSEMAR		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	04/15/1993	New Well	Monitoring	45	4		
ALA01	02S03W	8 G	27 412872	View Log 412872	HESS, JOSEPH/ROSEMAR		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	04/15/1993	New Well	Monitoring	47	4		
ALA01	02S03W	8 G	28 412871	View Log 412871	HESS, JOSEPH/ROSEMAR		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	04/14/1993	New Well	Monitoring	46	4		
ALA01	02S03W	8 G	28 01-542Y	View Log 01-542Y	GRAND AUTO		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	08/28/1992	New Well	Monitoring	47	2		
ALA01	02S03W	8 G	29 495626	View Log 495626	SHELL OIL COMPANY		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	05/21/1993	New Well	Monitoring	22	4		
ALA01	02S03W	8 G	30 495628	View Log 495628	SHELL OIL COMPANY		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	05/21/1993	New Well	Monitoring	20	4		
ALA01	02S03W	8 G	31 412875	View Log 412875	HESS, JOSEPH/ROSEMAR		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	08/28/1992	New Well	Monitoring	47	4		
ALA01	02S03W	8 G	32 495477A	View Log 495477A	UNOCAL STATION 2656		OAKLAND	GREAT SIERRA EXPLORATION,NOVATO,1763,702	04/08/1993	New Well	Monitoring	13	2		
ALA01	02S03W	8 G	33 495477B	View Log 495477B	UNOCAL STATION 2656		OAKLAND	GREAT SIERRA EXPLORATION,NOVATO,1763,702	04/08/1993	New Well	Monitoring	12	2		
ALA01	02S03W	8 G	34 495477C	View Log 495477C	UNOCAL STATION 2656		OAKLAND	GREAT SIERRA EXPLORATION,NOVATO,1763,702	04/08/1993	New Well	Monitoring	11	2		
ALA01	02S03W	8 G	35 579426	View Log 579426	SHELL OIL COMPANY		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	11/24/1992	New Well	Monitoring	26	4		
ALA01	02S03W	8 G	36 413648A	View Log 413648A	UNOCAL STATION 2656		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	11/19/1992	New Well	Monitoring	50	2		
ALA01	02S03W	8 G	36 413648A-B	View Log 413648A-B	UNOCAL STATION 2656		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	11/19/1992	New Well	Monitoring	50	2		
ALA01	02S03W	8 G	37 413648B	View Log 413648B	UNOCAL STATION 2656		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	11/19/1992	New Well	Monitoring	49	2		
ALA01	02S03W	8 G	01-274E	View Log 01-274E	CHEVRON U S A		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	08/13/1987	Test hole: soil sampling or exploration hole	Geophysical exploration	41	8		
ALA01	02S03W	8 G	E0089394	View Log E0089394	BP ARCO	4280 FOOTHILL BLVD.	OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	03/23/2009	New Well	Monitoring	30	4	7	30
ALA01	02S03W	8 G	E0089397	View Log E0089397	BP ARCO	4280 FOOTHILL BLVD.	OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	03/23/2009	New Well	Monitoring	30	4	7	30
ALA01	02S03W	8 G	E0089400	View Log E0089400	BP ARCO	4280 FOOTHILL BLVD.	OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	03/24/2009	New Well	Monitoring	30	4	7	30
ALA01	02S03W	8 J	1 01-544Y	View Log 01-544Y	BAYVIEW FEDERAL		OAKLAND		10/01/1992	New Well		8	6		
ALA01	02S03W	8 J	1 01-544Y	View Log 01-544Y	BAYVIEW FEDERAL		OAKLAND		10/01/1992	New Well		8	6		
ALA01	02S03W	8 J	2 01-544Z	View Log 01-544Z	BAYVIEW FEDERAL		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	10/05/1992	New Well	Monitoring	15	2		
ALA01	02S03W	8 K	1 01-422L	View Log 01-422L	STEARN, EVERETT		OAKLAND	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	10/28/1988	New Well	Monitoring	27	2		
ALA01	02S03W	8 K	2 257413	View Log 257413	PETERSON PROPERTIES		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	03/30/1989	New Well	Monitoring	25	2		
ALA01	02S03W	8 K	3 257414	View Log 257414	PETERSON PROPERTIES		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	03/30/1989	New Well	Monitoring	27	4		
ALA01	02S03W	8 K	4 257415	View Log 257415	PETERSON PROPERTIES		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	03/31/1989	New Well	Monitoring	25	2		
ALA01	02S03W	8 L	2 107435	View Log 107435	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	07/25/1982	New Well	Monitoring	236	2		
ALA01	02S03W	8 L	2 01-224A-N	View Log 01-224A-N	CLOROX COMPANY		OAKLAND			Abandonment or destruction					

ALA01	02S03W	8	L	3	107436	View Log 107436	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	09/21/1982	New Well	Monitoring	244	2		
ALA01	02S03W	8	L	4	209080	View Log 209080	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	08/05/1982	New Well	Monitoring	20	2		
ALA01	02S03W	8	L	5	209082	View Log 209082	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	09/21/1982	New Well	Monitoring	25	2		
ALA01	02S03W	8	L	6	209083	View Log 209083	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	08/06/1982	New Well	Monitoring	21	2		
ALA01	02S03W	8	L	7	209084	View Log 209084	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	10/18/1982	New Well	Monitoring	21	2		
ALA01	02S03W	8	L	8	209097	View Log 209097	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	08/09/1982	New Well	Monitoring	21	2		
ALA01	02S03W	8	L	9	209078	View Log 209078	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	07/28/1982	New Well	Monitoring	86	2		
ALA01	02S03W	8	L	10	209079	View Log 209079	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	07/30/1982	New Well	Monitoring	86	2		
ALA01	02S03W	8	L	11	209081	View Log 209081	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	08/05/1982	New Well	Monitoring	76	2		
ALA01	02S03W	8	L	12	209099	View Log 209099	CLOROX CORPORATION		OAKLAND			New Well		40	2		
ALA01	02S03W	8	L	13	209098	View Log 209098	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	08/10/1982	New Well	Monitoring	76	2		
ALA01	02S03W	8	L	13	210098A	View Log 210098A	CLOROX CORPORATION		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	05/20/1987	Abandonment or destruction	Unused	76	2		
ALA01	02S03W	8	L	14	209100	View Log 209100	CLOROX CORPORATION		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	08/04/1982	New Well	Monitoring	86	2		
ALA01	02S03W	8	L	15	01-002A	View Log 01-002A	OAKLAND CITY OF		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	11/02/1983	New Well	Monitoring	31	2		
ALA01	02S03W	8	L	16	01-002B	View Log 01-002B	OAKLAND CITY OF		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	10/31/1983	New Well	Monitoring	31	2		
ALA01	02S03W	8	L	17	01-002C	View Log 01-002C	OAKLAND CITY OF		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	11/01/1983	New Well	Monitoring	31	2		
ALA01	02S03W	8	L	18	01-002D	View Log 01-002D	OAKLAND CITY OF		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	11/03/1983	New Well	Monitoring	33	2		
ALA01	02S03W	8	L	19	01-002E	View Log 01-002E	OAKLAND CITY OF		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	11/03/1983	New Well	Monitoring	31	2		
ALA01	02S03W	8	L	20	01-002F	View Log 01-002F	OAKLAND CITY OF		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	11/02/1983	New Well	Monitoring	33	2		
ALA01	02S03W	8	L	21	01-002G	View Log 01-002G	OAKLAND CITY OF		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	11/06/1983	New Well	Monitoring	31	2		
ALA01	02S03W	8	L	22	01-226A-D	View Log 01-226A-D	COMMERCIAL FUELING		OAKLAND	SOIL TECH ENGINEERING, INC,SANTA CLARA,1575,515	10/24/1986	New Well	Monitoring	12	2		
ALA01	02S03W	8	L	22	01-226A	View Log 01-226A	COMMERCIAL FUELING		OAKLAND	SOIL TECH ENGINEERING, INC,SANTA CLARA,1575,515	10/24/1986	New Well	Monitoring	12	2		
ALA01	02S03W	8	L	23	01-226B	View Log 01-226B	COMMERCIAL FUELING		OAKLAND	SOIL TECH ENGINEERING, INC,SANTA CLARA,1575,515	10/24/1986	New Well	Monitoring	12	2		
ALA01	02S03W	8	L	24	01-226C	View Log 01-226C	COMMERCIAL FUELING		OAKLAND	SOIL TECH ENGINEERING, INC,SANTA CLARA,1575,515	10/24/1986	New Well	Monitoring	12	2		
ALA01	02S03W	8	L	25	01-226D	View Log 01-226D	COMMERCIAL FUELING		OAKLAND	SOIL TECH ENGINEERING, INC,SANTA CLARA,1575,515	10/24/1986	New Well	Monitoring	12	2		
ALA01	02S03W	8	L	26	01-237A-G	View Log 01-237A-G	CLOROX COMPANY		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	10/03/1986	New Well	Monitoring	55	2		
ALA01	02S03W	8	L	26	01-237A-G	View Log 01-237A-G	CLOROX COMPANY		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	10/03/1986	New Well	Monitoring	55	2		
ALA01	02S03W	8	L	26	01-237A	View Log 01-237A	CLOROX COMPANY		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	10/03/1986	New Well	Monitoring	55	2		
ALA01	02S03W	8	L	27	01-237B	View Log 01-237B	CLOROX COMPANY		OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	09/22/1986	New Well	Monitoring	29	2		
ALA01	02S03W	8	L	28	01-237C	View Log 01-237C	CLOROX COMPANY		OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	09/17/1986	New Well	Monitoring	28	2		
ALA01	02S03W	8	L	29	01-237D	View Log 01-237D	CLOROX COMPANY		OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	09/17/1986	New Well	Monitoring	25	2		
ALA01	02S03W	8	L	31	01-237F	View Log 01-237F	CLOROX COMPANY		OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	09/11/1986	New Well	Monitoring	25	2		
ALA01	02S03W	8	L	32	01-237G	View Log 01-237G	CLOROX COMPANY		OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	09/23/1986	New Well	Monitoring	30	2		
ALA01	02S03W	8	L	33	256930	View Log 256930	EXXON COMPANY		OAKLAND	DATUM EXPLORATION,PITTSBURG,1518,471	09/16/1987	New Well	Monitoring	36	4		
ALA01	02S03W	8	L	33	256930	View Log 256930	EXXON COMPANY		OAKLAND	DATUM EXPLORATION,PITTSBURG,1518,471	09/16/1987	New Well	Monitoring	36	4		
ALA01	02S03W	8	L	34	256931	View Log 256931	EXXON COMPANY		OAKLAND	DATUM EXPLORATION,PITTSBURG,1518,471	09/16/1987	New Well	Monitoring	36	4		
ALA01	02S03W	8	L	35	256932	View Log 256932	EXXON COMPANY		OAKLAND	DATUM EXPLORATION,PITTSBURG,1518,471	09/16/1987	New Well	Monitoring	36	4		
ALA01	02S03W	8	L	36	256934	View Log 256934	EXXON COMPANY		OAKLAND	DATUM EXPLORATION,PITTSBURG,1518,471	09/16/1987	New Well	Monitoring	36	4		
ALA01	02S03W	8	L	37	256935	View Log 256935	EXXON COMPANY		OAKLAND	DATUM EXPLORATION,PITTSBURG,1518,471	09/16/1987	New Well	Monitoring	36	4		
ALA01	02S03W	8	L	38	256936	View Log 256936	EXXON COMPANY		OAKLAND	DATUM EXPLORATION,PITTSBURG,1518,471	09/16/1987	New Well	Monitoring	36	4		
ALA01	02S03W	8	L	39	256937	View Log 256937	EXXON COMPANY		OAKLAND	DATUM EXPLORATION,PITTSBURG,1518,471	09/16/1987	New Well	Monitoring	36	4		
ALA01	02S03W	8	L	40	01-406P	View Log 01-406P	EXXON COMPANY 7-3006		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	05/21/1988	New Well	Monitoring	29	4		
ALA01	02S03W	8	L	40	01-406P	View Log 01-406P	EXXON COMPANY 7-3006		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	05/21/1988	New Well	Monitoring	29	4		
ALA01	02S03W	8	L	43	256937A-D	View Log 256937A-D	EXXON STATION 7-3006		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	02/11/1993	New Well	Monitoring	8	4		
ALA01	02S03W	8	L	43	256937A	View Log 256937A	EXXON STATION 7-3006		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	02/11/1993	New Well	Monitoring	8	4		
ALA01	02S03W	8	L	44	256937B	View Log 256937B	EXXON STATION 7-3006		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	02/11/1993	New Well	Monitoring	10	4		
ALA01	02S03W	8	L	45	256937C	View Log 256937C	EXXON STATION 7-3006		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	02/11/1993	New Well	Monitoring	8	4		
ALA01	02S03W	8	L		01-346A-L	View Log 01-346A-L	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/12/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	17	4		
ALA01	02S03W	8	L		01-346A	View Log 01-346A	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/12/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	17	4		
ALA01	02S03W	8	L		01-346B	View Log 01-346B	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/12/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	9	3		
ALA01	02S03W	8	L		01-346C	View Log 01-346C	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/08/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	15	4		
ALA01	02S03W	8	L		01-346D	View Log 01-346D	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/12/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	11	4		
ALA01	02S03W	8	L		01-346E	View Log 01-346E	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/12/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	11	4		
ALA01	02S03W	8	L		01-346F	View Log 01-346F	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/12/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	11	4		
ALA01	02S03W	8	L		01-346G	View Log 01-346G	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/12/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	11	4		
ALA01	02S03W	8	L		01-346H	View Log 01-346H	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/13/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	11	4		
ALA01	02S03W	8	L		01-346I	View Log 01-346I	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/13/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	12	4		
ALA01	02S03W	8	L		01-346J	View Log 01-346J	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/13/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	12	4		
ALA01	02S03W	8	L		01-346K	View Log 01-346K	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/13/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	12	4		
ALA01	02S03W	8	L		01-346L	View Log 01-346L	DUNNE QUALITY PAINTS		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/13/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	12	4		
ALA01	02S03W	8	L		01-223	View Log 01-223	COMMERCIAL FUELING		OAKLAND			Test hole: soil sampling or exploration hole		37	6		
ALA01	02S03W	8	L		256937D	View Log 256937D	EXXON STATION 7-3006		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	02/11/1993	Test hole: soil sampling or exploration hole	Monitoring	10	12		
ALA01	02S03W	8	L		E0099605	View Log E0099605	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/29/2009	New Well	Vapor extraction	23	5	8	23
ALA01	02S03W	8	L		E0099606	View Log E0099606	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	10/04/2009	New Well	Vapor extraction	30	5	10	30
ALA01	02S03W	8	L		E0099607	View Log E0099607	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	10/03/2009	New Well	Vapor extraction	30	5	10	30
ALA01	02S03W	8	L		E0099608	View Log E0099608	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	10/05/2009	New Well	Vapor extraction	23	5	8	23
ALA01	02S03W	8	L		E0099609	View Log E0099609	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	10/01/2009	New Well	Vapor extraction	30	5	10	30
ALA01	02S03W	8	L		E0099610	View Log E0099610	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	10/02/2009	New Well	Vapor extraction	23	5	8	23
ALA01	02S03W	8	L		E0099525	View Log E0099525	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/29/2009	New Well	Vapor extraction	23	5	8	23
ALA01	02S03W	8	L		E0099557	View Log E0099557	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/30/2009	New Well	Vapor extraction	23	5	8	23
ALA01	02S03W	8	L		E0099558	View Log E0099558	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/30/2009	New Well	Vapor extraction	23	5	8	23
ALA01	02S03W	8	L		E0099559	View Log E0099559	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	10/01/2009	New Well	Vapor extraction	23	5	8	23
ALA01	02S03W	8	L		E0099560	View Log E0099560	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	10/06/2009	New Well	Vapor extraction	23	5	8	23
ALA01	02S03W	8	L		E0099561	View Log E0099561	JAMIL,MUHAMMED	4301 SAN LEANDRO ST	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	10/04/2009	New Well	Vapor extraction	30	5	10	30
ALA01	02S03W	8	M	2	01-450G	View Log 01-450G	AMERICAN NATIONAL		OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/22/1989	New Well	Monitoring	26	4		
ALA01	02S03W	8	M	3	01-450H	View Log 01-450H	AMERICAN NATIONAL		OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/24/1989	New Well	Monitoring	26	4		
ALA01	02S03W	8	M	4	01-450I	View Log 01-450I	AMERICAN NATIONAL		OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/22/1989	New Well	Monitoring	26	4		
ALA01	02S03W	8	M	5	01-450J	View Log 01-450J	AMERICAN NATIONAL		OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/23/1989	New Well	Monitoring	21	4		
ALA01	02S03W	8	M	6	01-450K	View Log 01-450K	AMERICAN NATIONAL		OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/21/1989	New Well	Monitoring	18	4		
ALA01	02S03W	8	M	7	01-495D	View Log 01-495D	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/12/1991	New Well	Monitoring	20	4		
ALA01	02S03W	8	M	7	01-495D	View Log 01-495D	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/12/1991	New Well	Monitoring	20	4		
ALA01	02S03W	8	M	8	01-495E	View Log 01-495E	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/14/1991	New Well	Monitoring	19	4		
ALA01	02S03W	8	M	9	01-495F	View Log 01-495F	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/14/1991	New Well	Monitoring	19	4		
ALA01	02S03W	8	M	10	01-495G	View Log 01-495G	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/15/1991	New Well	Monitoring	25	4		
ALA01	02S03W	8	M	11	01-495H	View Log 01-495H	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/16/1991	New Well	Monitoring	19	4		
ALA01	02S03W	8	M	12	01-495I	View Log 01-495I	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/18/1991	New Well	Monitoring	26	4		
ALA01	02S03W	8	M	13	01-495J	View Log 01-495J	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/19/1991	New Well	Monitoring	19	4		
ALA01	02S03W	8	M	14	01-495K	View Log 01-495K	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/19/1991	New Well	Monitoring	19	4		
ALA01	02S03W	8	M	15	01-495L	View Log 01-495L	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/20/1991	New Well	Monitoring	24	4		
ALA01	02S03W	8	M	16	01-495M	View Log 01-495M	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/20/1991	New Well	Monitoring	18	4		
ALA01	02S03W	8	M	17	01-495N	View Log 01-495N	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/21/1991	New Well	Monitoring	19	4		
ALA01	02S03W	8	M	18	01-495O	View Log 01-495O	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/21/1991	New Well	Monitoring	18	4		
ALA01	02S03W	8	M	19	01-495P	View Log 01-495P	AMERICAN NAT'L CAN		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/26/1991	New Well	Monitoring	19	2		

ALA01	02S03W	8	M	20	01-511M	View Log 01-511M	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	01/31/1992	New Well	Monitoring	15	2
ALA01	02S03W	8	M	20	01-511M	View Log 01-511M	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	01/31/1992	New Well	Monitoring	15	2
ALA01	02S03W	8	M	21	01-511N	View Log 01-511N	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/03/1992	New Well	Monitoring	19	2
ALA01	02S03W	8	M	22	01-511O	View Log 01-511O	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/04/1992	New Well	Monitoring	18	2
ALA01	02S03W	8	M	23	01-511P	View Log 01-511P	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/04/1992	New Well	Monitoring	18	2
ALA01	02S03W	8	M	24	01-511Q	View Log 01-511Q	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/05/1992	New Well	Monitoring	18	2
ALA01	02S03W	8	M	25	01-531D	View Log 01-531D	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	09/26/1991	New Well	Monitoring	23	6
ALA01	02S03W	8	M	25	01-531D	View Log 01-531D	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	09/26/1991	New Well	Monitoring	23	6
ALA01	02S03W	8	M	27	01-531F	View Log 01-531F	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	09/25/1991	New Well	Monitoring	22	4
ALA01	02S03W	8	M	28	01-531G	View Log 01-531G	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	09/27/1991	New Well	Monitoring	19	2
ALA01	02S03W	8	M		01-136A	View Log 01-136A	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	01/29/1986	Backfilled dry hole	Geophysical exploration	30	3
ALA01	02S03W	8	M		01-136B	View Log 01-136B	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	01/31/1986	Backfilled dry hole	Geophysical exploration	15	8
ALA01	02S03W	8	M		01-450L	View Log 01-450L	AMERICAN NATIONAL	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/25/1989	Test hole: soil sampling or exploration hole	Monitoring	16	12
ALA01	02S03W	8	M		01-450M	View Log 01-450M	AMERICAN NATIONAL	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/24/1989	Test hole: soil sampling or exploration hole	Monitoring	18	12
ALA01	02S03W	8	M		01-450N	View Log 01-450N	AMERICAN NATIONAL	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/25/1989	Test hole: soil sampling or exploration hole	Monitoring	7	12
ALA01	02S03W	8	M		01-450L	View Log 01-450L	AMERICAN NATIONAL	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/25/1989	Test hole: soil sampling or exploration hole	Monitoring	16	12
ALA01	02S03W	8	M		01-450O	View Log 01-450O	AMERICAN NATIONAL	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/25/1989	Test hole: soil sampling or exploration hole	Monitoring	7	12
ALA01	02S03W	8	M		01-495Q	View Log 01-495Q	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/11/1991	Test hole: soil sampling or exploration hole	Monitoring	19	7
ALA01	02S03W	8	M		01-495R	View Log 01-495R	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/20/1991	Test hole: soil sampling or exploration hole	Monitoring	1	7
ALA01	02S03W	8	M		01-495S	View Log 01-495S	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/20/1991	Test hole: soil sampling or exploration hole	Monitoring	4	7
ALA01	02S03W	8	M		01-495T	View Log 01-495T	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/20/1991	Test hole: soil sampling or exploration hole	Monitoring	10	7
ALA01	02S03W	8	M		01-495U	View Log 01-495U	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/22/1991	Test hole: soil sampling or exploration hole	Monitoring	9	7
ALA01	02S03W	8	M		01-495V	View Log 01-495V	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/25/1991	Test hole: soil sampling or exploration hole	Monitoring	6	7
ALA01	02S03W	8	M		01-495W	View Log 01-495W	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/25/1991	Test hole: soil sampling or exploration hole	Monitoring	10	3
ALA01	02S03W	8	M		01-495X	View Log 01-495X	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/25/1991	Test hole: soil sampling or exploration hole	Monitoring	14	3
ALA01	02S03W	8	M		01-495Y	View Log 01-495Y	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/26/1991	Test hole: soil sampling or exploration hole	Monitoring	13	3
ALA01	02S03W	8	M		01-495Z	View Log 01-495Z	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/26/1991	Test hole: soil sampling or exploration hole	Monitoring	12	3
ALA01	02S03W	8	M		01-511R	View Log 01-511R	AMERICAN NAT'L CAN	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	01/31/1992	Test hole: soil sampling or exploration hole	Monitoring	10	
ALA01	02S03W	8	N	1	01-178	View Log 01-178	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	06/20/1986	New Well	Monitoring	25	2
ALA01	02S03W	8	N	1	01-119E	View Log 01-119E	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	07/07/1987	Abandonment or destruction	Unused	32	2
ALA01	02S03W	8	N	1	01-119A	View Log 01-119A	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	02/26/1986	New Well	Monitoring	31	2
ALA01	02S03W	8	N	1	01-119E	View Log 01-119E	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	07/07/1987	Abandonment or destruction	Unused	32	2
ALA01	02S03W	8	N	2	01-119B	View Log 01-119B	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	02/26/1986	New Well	Monitoring	31	2
ALA01	02S03W	8	N	2	01-119F	View Log 01-119F	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	07/07/1987	Abandonment or destruction	Unused	32	2
ALA01	02S03W	8	N	3	01-119C	View Log 01-119C	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	02/26/1986	New Well	Monitoring	31	2
ALA01	02S03W	8	N	3	01-119G	View Log 01-119G	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	07/07/1987	Abandonment or destruction	Unused	32	2
ALA01	02S03W	8	N	4	01-119D	View Log 01-119D	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	02/26/1986	New Well	Monitoring	31	2
ALA01	02S03W	8	N	4	01-119H	View Log 01-119H	AMERICAN CAN COMPANY	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	07/07/1987	Abandonment or destruction	Unused	32	2
ALA01	02S03W	8	N		01-452J	View Log 01-452J	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	11/15/1989	Test hole: soil sampling or exploration hole	Monitoring	9	
ALA01	02S03W	8	N		01-422M	View Log 01-422M	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/22/1988	Test hole: soil sampling or exploration hole	Monitoring	22	6
ALA01	02S03W	8	N		01-422M	View Log 01-422M	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/22/1988	Test hole: soil sampling or exploration hole	Monitoring	22	6
ALA01	02S03W	8	N		01-423A-B	View Log 01-423A-B	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/25/1988	Test hole: soil sampling or exploration hole	Monitoring	25	6
ALA01	02S03W	8	N		01-422N	View Log 01-422N	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/22/1988	Test hole: soil sampling or exploration hole	Monitoring	21	6
ALA01	02S03W	8	N		01-422O	View Log 01-422O	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/22/1988	Test hole: soil sampling or exploration hole	Monitoring	12	6
ALA01	02S03W	8	N		01-422P	View Log 01-422P	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/22/1988	Test hole: soil sampling or exploration hole	Monitoring	19	6
ALA01	02S03W	8	N		01-422Q	View Log 01-422Q	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/23/1988	Test hole: soil sampling or exploration hole	Monitoring	22	6
ALA01	02S03W	8	N		01-422R	View Log 01-422R	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/24/1988	Test hole: soil sampling or exploration hole	Monitoring	21	6
ALA01	02S03W	8	N		01-422S	View Log 01-422S	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/24/1988	Test hole: soil sampling or exploration hole	Monitoring	22	6
ALA01	02S03W	8	N		01-422T	View Log 01-422T	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/24/1988	Test hole: soil sampling or exploration hole	Monitoring	20	6
ALA01	02S03W	8	N		01-422U	View Log 01-422U	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/24/1988	Test hole: soil sampling or exploration hole	Monitoring	15	6
ALA01	02S03W	8	N		01-422V-1	View Log 01-422V-1	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/24/1988	Test hole: soil sampling or exploration hole	Monitoring	15	6
ALA01	02S03W	8	N		01-422W	View Log 01-422W	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/24/1988	Test hole: soil sampling or exploration hole	Monitoring	19	6
ALA01	02S03W	8	N		01-422X	View Log 01-422X	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/24/1988	Test hole: soil sampling or exploration hole	Monitoring	5	6
ALA01	02S03W	8	N		01-422Y	View Log 01-422Y	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/25/1988	Test hole: soil sampling or exploration hole	Monitoring	20	6
ALA01	02S03W	8	N		01-422Z	View Log 01-422Z	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/25/1988	Test hole: soil sampling or exploration hole	Monitoring	17	6
ALA01	02S03W	8	N		01-423A	View Log 01-423A	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/25/1988	Test hole: soil sampling or exploration hole	Monitoring	25	6
ALA01	02S03W	8	N		01-423B	View Log 01-423B	UNOCAL CHEMICALS	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	08/25/1988	Test hole: soil sampling or exploration hole	Monitoring	18	6
ALA01	02S03W	8	N		01-446O	View Log 01-446O	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/17/1989	Test hole: soil sampling or exploration hole	Monitoring	10	8
ALA01	02S03W	8	N		01-436O	View Log 01-436O	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	04/27/1989	Test hole: soil sampling or exploration hole	Monitoring	10	8
ALA01	02S03W	8	P		01-470T	View Log 01-470T	EXXON COMPANY 73006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/01/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	8	Q	2	281006	View Log 281006	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/17/1988	New Well	Monitoring	18	2
ALA01	02S03W	8	Q	3	281007	View Log 281007	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/21/1988	New Well	Monitoring	19	2
ALA01	02S03W	8	Q	4	281008	View Log 281008	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/16/1988	New Well	Monitoring	18	2
ALA01	02S03W	8	Q	5	01-429A	View Log 01-429A	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/23/1989	New Well	Monitoring	12	2
ALA01	02S03W	8	Q	5	01-429A-L	View Log 01-429A-L	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/23/1989	New Well	Monitoring	12	2
ALA01	02S03W	8	Q	5	281009	View Log 281009	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	05/18/1988	New Well	Monitoring	22	2
ALA01	02S03W	8	Q	6	01-429F	View Log 01-429F	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/23/1989	New Well	Monitoring	27	2
ALA01	02S03W	8	Q	7	01-429I	View Log 01-429I	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/24/1989	New Well	Monitoring	25	2
ALA01	02S03W	8	Q	8	329017	View Log 329017	A A A EQUIPMENT CO	OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	10/23/1989	New Well	Monitoring	25	4
ALA01	02S03W	8	Q	8	428875	View Log 428875	PACIFIC GAS & ELECT	OAKLAND	R E S N A,BAKERSFIELD,1703,642	12/19/1991	New Well	Monitoring	19	2
ALA01	02S03W	8	Q	9	428876	View Log 428876	PACIFIC GAS & ELECT	OAKLAND	R E S N A,BAKERSFIELD,1703,642	12/19/1991	New Well	Monitoring	18	2
ALA01	02S03W	8	Q		01-429B	View Log 01-429B	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/23/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	8	Q		01-429C	View Log 01-429C	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/23/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	8	Q		01-429D	View Log 01-429D	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/22/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	8	Q		01-429E	View Log 01-429E	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/22/1989	Test hole: soil sampling or exploration hole	Monitoring	11	
ALA01	02S03W	8	Q		01-429G	View Log 01-429G	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/22/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	8	Q		01-429H	View Log 01-429H	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/24/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	8	Q		01-429J	View Log 01-429J	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/24/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	8	Q		01-429K	View Log 01-429K	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/24/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	8	Q		01-429L	View Log 01-429L	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/24/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	8	Q		281009A	View Log 281009A	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/16/1988	Test hole: soil sampling or exploration hole	Monitoring	16	8
ALA01	02S03W	8	Q		281009B	View Log 281009B	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/16/1988	Test hole: soil sampling or exploration hole	Monitoring	15	8
ALA01	02S03W	8	Q		281009C	View Log 281009C	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/16/1988	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	8	Q		281009D	View Log 281009D	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/16/1988	Test hole: soil sampling or exploration hole	Monitoring	15	8
ALA01	02S03W	8	Q		281009E	View Log 281009E	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/16/1988	Test hole: soil sampling or exploration hole	Monitoring	15	8
ALA01	02S03W	8	Q		281009F	View Log 281009F	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/16/1988	Test hole: soil sampling or exploration hole	Monitoring	15	8
ALA01	02S03W	8	Q		281009G	View Log 281009G	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/17/1988	Test hole: soil sampling or exploration hole	Monitoring	15	8
ALA01	02S03W	8	Q		281009H	View Log 281009H	PACIFIC GAS & ELECT	OAKLAND		03/01/1988			15	8
ALA01	02S03W	8	Q		281009I	View Log 281009I	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/17/1988	Test hole: soil sampling or exploration hole	Monitoring	15	8
ALA01	02S03W	8	Q		281009J	View Log 281009J	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	03/17/1988	Test hole: soil sampling or exploration hole	Monitoring	15	8
ALA01	02S03W	8	Q		281009K	View Log 281009K	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	05/17/1988	Test hole: soil sampling or exploration hole	Monitoring	15	8
ALA01	02S03W	8	Q		281009L	View Log 281009L	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	05/17/1988	Test hole: soil sampling or exploration hole	Monitoring	4	8
ALA01	02S03W	8	Q		281009M	View Log 281009M	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	05/17/1988	Test hole: soil sampling or exploration hole	Monitoring	22	8

ALA01	02S03W	8 Q	281009N	View Log 281009N	PACIFIC GAS & ELECT		OAKLAND	OWNER OF WELL,,66,30	05/17/1988	Test hole: soil sampling or exploration hole	Monitoring	16	8			
ALA01	02S03W	8 Q	281009O	View Log 281009O	PACIFIC GAS & ELECT		OAKLAND	OWNER OF WELL,,66,30	05/17/1988	Test hole: soil sampling or exploration hole	Monitoring	17	8			
ALA01	02S03W	8 Q	281009P	View Log 281009P	PACIFIC GAS & ELECT		OAKLAND	OWNER OF WELL,,66,30	05/17/1988	Test hole: soil sampling or exploration hole	Monitoring	17	8			
ALA01	02S03W	8 Q	281009Q	View Log 281009Q	PACIFIC GAS & ELECT		OAKLAND	OWNER OF WELL,,66,30	05/18/1988	Test hole: soil sampling or exploration hole	Monitoring	17	8			
ALA01	02S03W	8 Q	E0107280	View Log E0107280	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/16/2010	New Well	Monitoring	36	4	25	35	
ALA01	02S03W	8 Q	E0107281	View Log E0107281	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/17/2010	New Well	Monitoring	40	4	30	40	
ALA01	02S03W	8 Q	E0107282	View Log E0107282	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/03/2010	New Well	Monitoring	37	4	27	37	
ALA01	02S03W	8 Q	E0107283	View Log E0107283	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/22/2010	New Well	Monitoring	60	4	50	60	
ALA01	02S03W	8 Q	E0107284	View Log E0107284	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/26/2010	New Well	Monitoring	70	4	60	70	
ALA01	02S03W	8 Q	E0107285	View Log E0107285	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/16/2010	New Well	Monitoring	36	4	25	35	
ALA01	02S03W	8 Q	E0107286	View Log E0107286	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/15/2010	New Well	Monitoring	60	4	50	60	
ALA01	02S03W	8 Q	E0107287	View Log E0107287	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/18/2010	New Well	Monitoring	35	4	25	35	
ALA01	02S03W	8 Q	E0107288	View Log E0107288	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/18/2010	New Well	Monitoring	63	4	53	63	
ALA01	02S03W	8 Q	E0107289	View Log E0107289	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/19/2010	New Well	Monitoring	35	4	25	35	
ALA01	02S03W	8 Q	E0107290	View Log E0107290	UNION PACIFIC RAILROAD COMPANY	833 47TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/19/2010	New Well	Monitoring	65	4	55	65	
ALA01	02S03W	8 Q	E0121603	View Log E0121603	UNION PACIFIC RAILROAD COMPANY	768 46TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	11/11/2010	New Well	Monitoring	40	4	28	38	
ALA01	02S03W	8 Q	E0121604	View Log E0121604	UNION PACIFIC RAILROAD COMPANY	768 46TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	11/18/2010	New Well	Monitoring	75	4	59	69	
ALA01	02S03W	8 Q	E0121614	View Log E0121614	UNION PACIFIC RAILROAD COMPANY	768 46TH AVE.	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	11/12/2010	New Well	Monitoring	40	4	28	38	
ALA01	02S03W	8	01-1298	View Log 01-1298												
ALA01	02S03W	8	01-1299	View Log 01-1299												
ALA01	02S03W	8	01-1302	View Log 01-1302												
ALA01	02S03W	8	NN	View Log NN												
ALA01	02S03W	8	01_4361	View Log 01_4361												
ALA01	02S03W	8	107006	View Log 107006												
ALA01	02S03W	8	115705	View Log 115705												
ALA01	02S03W	8	111692	View Log 111692												
ALA01	02S03W	8	325107	View Log 325107												
ALA01	02S03W	8	NN	View Log NN												
ALA01	02S03W	8	275741	View Log 275741												
ALA01	02S03W	8	01-406Q	View Log 01-406Q												
ALA01	02S03W	8	818004	View Log 818004												
ALA01	02S03W	8	05-531E	View Log 05-531E												
ALA01	02S03W	8	01-486N	View Log 01-486N												
ALA01	02S03W	8	NN	View Log NN												
ALA01	02S03W	8	NN	View Log NN												
ALA01	02S03W	8	NN	View Log NN												
ALA01	02S03W	8	NN	View Log NN												
ALA01	02S03W	8	NN	View Log NN												
ALA01	02S03W	8	NN	View Log NN												
ALA01	02S03W	8	NN	View Log NN												
ALA01	02S03W	9 A	1 391243	View Log 391243	PACIFIC GAS & ELECT		OAKLAND	AMERICAN CONSTRUCTION & SUPPLY,MILL VALLEY,3105,586	12/28/1990	New Well	Cathodic protection	125	2			
ALA01	02S03W	9 D	01-142C	View Log 01-142C	ALAMEDA CO FC & WCD		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/26/1986	Backfilled dry hole	Geophysical exploration	30	6			
ALA01	02S03W	9 K	2 01-479Z	View Log 01-479Z	GRIMIT, DOYLE		OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	08/03/1990	New Well	Monitoring	37	2			
ALA01	02S03W	9 K	3 01-541A-B	View Log 01-541A-B	TUNEUP MASTERS 314		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	12/11/1992	New Well	Monitoring	40	2			
ALA01	02S03W	9 K	3 01-541A	View Log 01-541A	TUNEUP MASTERS 314		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	12/11/1992	New Well	Monitoring	40	2			
ALA01	02S03W	9 K	01-541B	View Log 01-541B	TUNEUP MASTERS 314		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	12/10/1992	Test hole: soil sampling or exploration hole	Monitoring	20				
ALA01	02S03W	9 N	1 01-063	View Log 01-063	GENERAL ELECTRIC		OAKLAND	KLEINFELDER, J.H. & ASSOCIATES,STOCKTON,1375,399	02/14/1985	Backfilled dry hole	Geophysical exploration	30	6			
ALA01	02S03W	9 N	2 308025	View Log 308025	QUAKER OATS COMPANY		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	01/30/1990	New Well	Monitoring	21	2			
ALA01	02S03W	9 N	3 308019	View Log 308019	QUAKER OATS COMPANY		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	01/30/1990	New Well	Monitoring	21	2			
ALA01	02S03W	9 N	3 308021	View Log 308021	QUAKER OATS COMPANY		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	02/20/1990	Abandonment or destruction	Unused					
ALA01	02S03W	9 N	4 308024	View Log 308024	QUAKER OATS COMPANY		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	01/31/1990	New Well	Monitoring	21	2			
ALA01	02S03W	9 N	5 308016	View Log 308016	QUAKER OATS COMPANY		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	01/20/1990	New Well	Monitoring	24	2			
ALA01	02S03W	9 N	6 308023	View Log 308023	QUAKER OATS COMPANY		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	02/20/1990	New Well	Monitoring	21	2			
ALA01	02S03W	9 N	E0094703	View Log E0094703	HAVER, LANCE	5441 INTERNATIONAL BLVD.	OAKLAND	BOART LONGYEAR COMPANY,UPLAND,6946,1094	04/10/2009	New Well	Extraction	56	6	22	47	
ALA01	02S03W	9 N	E0094704	View Log E0094704	HAVER,LANCE	5441 INTERNATIONAL BLVD	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/02/2009	New Well	Monitoring	90	2	75	85	
ALA01	02S03W	9 N	E0094705	View Log E0094705	HAVER,LANCE	5441 INTERNATIONAL BLVD	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/02/2009	New Well	Monitoring	60	2	40	50	
ALA01	02S03W	9 N	E0094706	View Log E0094706	HAVER,LANCE	5441 INTERNATIONAL BLVD	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/02/2009	New Well	Monitoring	55	2	39	49	
ALA01	02S03W	9 N	E0102319	View Log E0102319	HAVER, LANCE	5441 INTERNATIONAL BLVD	OAKLAND	WDC EXPLORATION & WELLS,Richmond,2833,1030	10/26/2009	New Well	Extraction	50	6	19	49	
ALA01	02S03W	9 P	3 01-506N	View Log 01-506N	FORDHAM PROPERTIES		EMERYVILLE	HEW DRILLING COMPANY,PALO ALTO,-6049,297	08/14/1991	New Well	Monitoring	22	2			
ALA01	02S03W	9 P	5 01-506P	View Log 01-506P	FORDHAM PROPERTIES		EMERYVILLE	HEW DRILLING COMPANY,PALO ALTO,-6049,297	08/15/1991	Test hole: soil sampling or exploration hole	Monitoring	32	6			
ALA01	02S03W	9 P	01-506Q	View Log 01-506Q	FORDHAM PROPERTIES		EMERYVILLE	HEW DRILLING COMPANY,PALO ALTO,-6049,297	08/14/1991	Test hole: soil sampling or exploration hole	Monitoring	22	6			
ALA01	02S03W	9 P	01-506R	View Log 01-506R	FORDHAM PROPERTIES		EMERYVILLE	HEW DRILLING COMPANY,PALO ALTO,-6049,297	08/15/1991	Test hole: soil sampling or exploration hole	Monitoring	13	6			
ALA01	02S03W	9 P	01-506S	View Log 01-506S	FORDHAM PROPERTIES		EMERYVILLE	HEW DRILLING COMPANY,PALO ALTO,-6049,297	08/15/1991	Test hole: soil sampling or exploration hole	Monitoring	17	6			
ALA01	02S03W	9 P	01-506T	View Log 01-506T	FORDHAM PROPERTIES		EMERYVILLE	HEW DRILLING COMPANY,PALO ALTO,-6049,297	08/15/1991	Test hole: soil sampling or exploration hole	Monitoring	22	6			
ALA01	02S03W	9 P	E0094389	View Log E0094389	ATLANTIC RICHFIELD CO	6415 INTERNATIONAL BLVD.	OAKLAND	RSI,WOODLAND,8023,933	07/14/2009	New Well	Monitoring	17	4	7	17	
ALA01	02S03W	9 P	E0094390	View Log E0094390	ATLANTIC RICHFIELD CO	6415 INTERNATIONAL BLVD.	OAKLAND	RSI,WOODLAND,8023,933	07/14/2009	New Well	Monitoring	17	4	7	17	
ALA01	02S03W	9 P	E0094390A	View Log E0094390A	ATLANTIC RICHFIELD CO	6415 INTERNATIONAL BLVD.	OAKLAND	RSI,WOODLAND,8023,933	07/14/2009	New Well	Monitoring	17	4	7	17	
ALA01	02S03W	9	115734	View Log 115734												
ALA01	02S03W	9	33288	View Log 33288												
ALA01	02S03W	9	01-506	View Log 01-506												
ALA01	02S03W	9	140373	View Log 140373												
ALA01	02S03W	10 J	1 339258	View Log 339258	TOPA SAVINGS BANK		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	12/06/1989	New Well	Monitoring	25	2			
ALA01	02S03W	10 J	2 01-496G	View Log 01-496G	PENNEY COMPANY, J C		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	04/01/1991	New Well	Monitoring	28	4			
ALA01	02S03W	10 J	2 01-496G	View Log 01-496G	PENNEY COMPANY, J C		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	04/01/1991	New Well	Monitoring	28	4			
ALA01	02S03W	10 J	3 01-496H	View Log 01-496H	PENNEY COMPANY, J C		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	04/01/1991	New Well	Monitoring	28	4			
ALA01	02S03W	10 J	4 346372	View Log 346372	OAKLAND CITY OF		OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	01/21/1993	New Well	Monitoring	26	2			
ALA01	02S03W	10 J	01-496I	View Log 01-496I	PENNEY COMPANY, J C		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	03/01/1991	Test hole: soil sampling or exploration hole	Monitoring	18	8			
ALA01	02S03W	10 J	01-496J	View Log 01-496J	PENNEY COMPANY, J C		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	04/01/1991	Test hole: soil sampling or exploration hole	Monitoring	12	8			
ALA01	02S03W	10 J	01-496K	View Log 01-496K	PENNEY COMPANY, J C		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	04/01/1991	Test hole: soil sampling or exploration hole	Monitoring	7	8			
ALA01	02S03W	10 J	01-496L	View Log 01-496L	PENNEY COMPANY, J C		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	04/02/1991	Test hole: soil sampling or exploration hole	Monitoring	50	12			
ALA01	02S03W	10 K	1 339256	View Log 339256	TOPA SAVINGS BANK		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	12/05/1989	New Well	Monitoring	35	2			
ALA01	02S03W	10 L	6 01-474A	View Log 01-474A	OAKLAND COM HOUSING		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	11/12/1990	New Well	Monitoring	27	2			
ALA01	02S03W	10 L	7 01-474B	View Log 01-474B	OAKLAND COM HOUSING		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	11/06/1990	New Well	Monitoring	32	2			
ALA01	02S03W	10 L	8 01-474C	View Log 01-474C	OAKLAND COM HOUSING		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	11/06/1990	New Well	Monitoring	27	2			
ALA01	02S03W	10 L	9 01-474D	View Log 01-474D	OAKLAND COM HOUSING		OAKLAND	ALISTO ENGINEERING GROUP,REEDLEY,2458,1	11/06/1990	New Well	Monitoring	27	2			
ALA01	02S03W	10 L	E0099612	View Log E0099612	GAFFER,ABDUL	6600 FOOTHILL BLVD	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/22/2009	New Well	Monitoring	45	5	35	45	
ALA01	02S03W	10 L	E0099622	View Log E0099622	GAFFER,ABDUL	6600 FOOTHILL BLVD	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/23/2009	New Well	Monitoring	50	5	35	50	
ALA01	02S03W	10 L	E0099627	View Log E0099627	GAFFER,ABDUL	6600 FOOTHILL BLVD	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/23/2009	New Well	Monitoring	25	5	10	25	
ALA01	02S03W	10 L	E0099628	View Log E0099628	GAFFER,ABDUL	6600 FOOTHILL BLVD	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/21/2009	New Well	Monitoring	25	5	15	25	
ALA01	02S03W	10 L	E0099634	View Log E0099634	GAFFER,ABDUL	6600 FOOTHILL BLVD	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/22/2009	New Well	Monitoring	30	5	10	25	
ALA01	02S03W	10 L	E0099638	View Log E0099638	GAFFER,ABDUL	6600 FOOTHILL BLVD	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/22/2009	New Well	Monitoring	25	5	10	25	
ALA01	02S03W	10 L	E0099640	View Log E0099640	GAFFER,ABDUL	6600 FOOTHILL BLVD	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/22/2009	New Well	Monitoring	43	5	33	43	

ALA01	02S03W	10 L	E0099641	View Log E0099641	GAFFER,ABDUL	6600 FOOTHILL BLVD	OAKLAND	CLEAR HEART DRILLING INC.,SANTA ROSA,7803,560	09/24/2009	New Well	Monitoring	25	5	5	25
ALA01	02S03W	10 Q 2	84798	View Log 84798	EAST BAY M U D		OAKLAND	PITCHER DRILLING,PALO ALTO,2630,28	06/19/1981	New Well	Cathodic protection	65			
ALA01	02S03W	10 Q 3	339257	View Log 339257	TOPA SAVINGS BANK		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	12/06/1989	New Well	Monitoring	45	2		
ALA01	02S03W	10 Q 4	433074	View Log 433074	B P OIL CO 11117		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	12/02/1991	New Well	Monitoring	40	4		
ALA01	02S03W	10 Q 5	433075	View Log 433075	B P OIL CO 11117		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	12/27/1991	New Well	Monitoring	40	2		
ALA01	02S03W	10 Q 8	433075A	View Log 433075A	B P OIL CO 11117		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	12/06/1989	New Well	Monitoring	43	2		
ALA01	02S03W	10 Q 9	433083	View Log 433083	B P OIL CO 11117		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	07/23/1992	New Well	Monitoring	40	2		
ALA01	02S03W	10 Q 10	433084	View Log 433084	B P OIL CO 11117		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	07/23/1992	New Well	Monitoring	40	2		
ALA01	02S03W	10 Q	433075B	View Log 433075B	B P OIL CO 11117		OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	07/23/1992	Test hole: soil sampling or exploration hole	Monitoring	50			
ALA01	02S03W	10	120160	View Log 120160											
ALA01	02S03W	10	01-1304	View Log 01-1304											
ALA01	02S03W	10	120964	View Log 120964											
ALA01	02S03W	10	01-1305	View Log 01-1305											
ALA01	02S03W	10	01-1306	View Log 01-1306											
ALA01	02S03W	10	120161	View Log 120161											
ALA01	02S03W	11 C 1	316589	View Log 316589	GALLAGHER & BURK		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	04/26/1993	New Well	Monitoring	35	2		
ALA01	02S03W	11 G 1	391244	View Log 391244	PACIFIC GAS & ELECT		OAKLAND	AMERICAN CONSTRUCTION & SUPPLY,MILL VALLEY,3105,586	12/28/1990	New Well	Cathodic protection	125	2		
ALA01	02S03W	11 J 4	01-479W	View Log 01-479W	EXXON COMPANY		OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	08/17/1990	New Well	Monitoring	50	4		
ALA01	02S03W	11 J 5	01-479X	View Log 01-479X	EXXON COMPANY		OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	08/17/1990	New Well	Monitoring	50	4		
ALA01	02S03W	11 J	01-453H	View Log 01-453H	EXXON STATION 7-8907		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	12/13/1989	Test hole: soil sampling or exploration hole	Monitoring	7	4		
ALA01	02S03W	11 J	01-453I	View Log 01-453I	EXXON STATION 7-8907		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	12/13/1989	Test hole: soil sampling or exploration hole	Monitoring	7	4		
ALA01	02S03W	11 J	01-453J	View Log 01-453J	EXXON STATION 7-8907		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	12/13/1989	Test hole: soil sampling or exploration hole	Monitoring	7	4		
ALA01	02S03W	11 J	01-453K	View Log 01-453K	EXXON STATION 7-8907		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	12/13/1989	Test hole: soil sampling or exploration hole	Monitoring	7	4		
ALA01	02S03W	11 J	01-453L	View Log 01-453L	EXXON STATION 7-8907		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	12/13/1989	Test hole: soil sampling or exploration hole	Monitoring	7	4		
ALA01	02S03W	11 J	01-453M	View Log 01-453M	EXXON STATION 7-8907		OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	12/13/1989	Test hole: soil sampling or exploration hole	Monitoring	7	4		
ALA01	02S03W	11 Q 11	434117A	View Log 434117A	EASTMOUNT MALL		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/13/1993	New Well	Monitoring	50	2		
ALA01	02S03W	11 Q 12	434117B	View Log 434117B	EASTMOUNT MALL		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/13/1993	New Well	Monitoring	50	2		
ALA01	02S03W	11 Q 13	434117C	View Log 434117C	EASTMOUNT MALL		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/13/1993	New Well	Monitoring	50	2		
ALA01	02S03W	11 Q 14	434117D	View Log 434117D	EASTMOUNT MALL		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/14/1993	New Well	Monitoring	50	2		
ALA01	02S03W	11 Q 15	434117E	View Log 434117E	EASTMOUNT MALL		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/14/1993	New Well	Monitoring	50	2		
ALA01	02S03W	11	106732	View Log 106732											
ALA01	02S03W	11	33217	View Log 33217											
ALA01	02S03W	14 H 1	55073	View Log 55073	EAST BAY M U D		OAKLAND	WILLIAMS WELL DRILLING,SUISUN,913,283	07/22/1982		Cathodic protection	65			
ALA01	02S03W	14 L	E0113234	View Log E0113234	SHELL OIL PRODUCTS US	8930 BANCROFT AVE.	OAKLAND	VAPOR TECH SERVICES,BERKELEY,9160,1108	07/09/2010	Abandonment or destruction	Unused	19			
ALA01	02S03W	14 L	E0113235	View Log E0113235	SHELL OIL PRODUCTS US	8930 BANCROFT AVE.	OAKLAND	VAPOR TECH SERVICES,BERKELEY,9160,1108	07/09/2010	Abandonment or destruction	Unused	19			
ALA01	02S03W	14 L	E0113237	View Log E0113237	SHELL OIL PRODUCTS US	8930 BANCROFT AVE.	OAKLAND	VAPOR TECH SERVICES,BERKELEY,9160,1108	07/09/2010	Abandonment or destruction	Unused	19			
ALA01	02S03W	14 L	E0113240	View Log E0113240	SHELL OIL PRODUCTS US	8930 BANCROFT AVE.	OAKLAND	VAPOR TECH SERVICES,BERKELEY,9160,1108	07/09/2010	Abandonment or destruction	Unused	19			
ALA01	02S03W	14 L	E0113241	View Log E0113241	SHELL OIL PRODUCTS US	8930 BANCROFT AVE.	OAKLAND	VAPOR TECH SERVICES,BERKELEY,9160,1108	07/09/2010	Abandonment or destruction	Unused	19			
ALA01	02S03W	14 L	E0113242	View Log E0113242	SHELL OIL PRODUCTS US	8930 BANCROFT AVE.	OAKLAND	VAPOR TECH SERVICES,BERKELEY,9160,1108	07/09/2010	Abandonment or destruction	Unused	19			
ALA01	02S03W	14	141702	View Log 141702											
ALA01	02S03W	14	141701	View Log 141701											
ALA01	02S03W	14	140330	View Log 140330											
ALA01	02S03W	14	01-1311	View Log 01-1311											
ALA01	02S03W	14	01-1312	View Log 01-1312											
ALA01	02S03W	14	01-1313	View Log 01-1313											
ALA01	02S03W	14	33253	View Log 33253											
ALA01	02S03W	14	33285	View Log 33285											

ALA01	02S03W	15 D 1	01-548K	View Log 01-548K	PACIFIC BELL		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	08/27/1992	New Well	Monitoring	25	2			
ALA01	02S03W	15 D 2	01-548L	View Log 01-548L	PACIFIC BELL		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	08/27/1992	New Well	Monitoring	20	2			
ALA01	02S03W	15 D 3	01-548M	View Log 01-548M	PACIFIC BELL		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	08/27/1992	New Well	Monitoring	22	2			
ALA01	02S03W	15 D 4	01-548N	View Log 01-548N	PACIFIC BELL		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	08/27/1992	New Well	Monitoring	25	2			
ALA01	02S03W	15 K 2	01-276A	View Log 01-276A	CROSBY & OVERTON		OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	05/29/1987	New Well	Monitoring	25	2			
ALA01	02S03W	15 K 3	01-276B	View Log 01-276B	CROSBY & OVERTON		OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	05/29/1987	New Well	Monitoring	25	2			
ALA01	02S03W	15 K 4	01-406R	View Log 01-406R	EAST OAKLAND YOUTH		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/20/1988	New Well	Monitoring	24	2			
ALA01	02S03W	15 K 5	01-406S	View Log 01-406S	EAST OAKLAND YOUTH		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/20/1988	New Well	Monitoring	18	2			
ALA01	02S03W	15 K 6	01-406T	View Log 01-406T	EAST OAKLAND YOUTH		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/21/1988	New Well	Monitoring	19	2			
ALA01	02S03W	15 K 7	01-406U	View Log 01-406U	EAST OAKLAND YOUTH		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/21/1988	New Well	Monitoring	19	2			
ALA01	02S03W	15 K	01-401W	View Log 01-401W	KAISER ENGINEERS		OAKLAND	LADD'S DRILLING SERVICE,ALAMO,1420,415	03/07/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	42	6			
ALA01	02S03W	15 K	01-401X	View Log 01-401X	KAISER ENGINEERS		OAKLAND	LADD'S DRILLING SERVICE,ALAMO,1420,415	03/07/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	15	6			
ALA01	02S03W	15 K	01-401Y	View Log 01-401Y	KAISER ENGINEERS		OAKLAND	LADD'S DRILLING SERVICE,ALAMO,1420,415	04/04/1988	Test hole: soil sampling or exploration hole	Geophysical exploration	13	4			
ALA01	02S03W	15 R 1	01-535W	View Log 01-535W	PACIFIC BELL		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	03/04/1993	New Well	Monitoring	25	2			
ALA01	02S03W	15 R 2	01-535X	View Log 01-535X	PACIFIC BELL		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	03/04/1993	New Well	Monitoring	24	2			
ALA01	02S03W	15	120154	View Log 120154												
ALA01	02S03W	15	61465	View Log 61465												
ALA01	02S03W	15	91509	View Log 91509												
ALA01	02S03W	15	33750	View Log 33750												
ALA01	02S03W	15	01-1314	View Log 01-1314												
ALA01	02S03W	15	01-1315	View Log 01-1315												
ALA01	02S03W	15	01-1316	View Log 01-1316												
ALA01	02S03W	15	01-1317	View Log 01-1317												
ALA01	02S03W	15	01-536Y	View Log 01-536Y												
ALA01	02S03W	16	926075	View Log 926075	UNION PACIFIC RAILROAD	700 73RD AVE	OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	11/22/2005	Abandonment or destruction	Monitoring	65				
ALA01	02S03W	16	926074	View Log 926074	UNION PACIFIC RAILROAD	700 73RD AVE	OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	11/22/2005	Abandonment or destruction	Monitoring	30				
ALA01	02S03W	16	926073	View Log 926073	UNION PACIFIC RAILROAD	700 73RD AVE	OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	11/22/2005	Abandonment or destruction	Monitoring	65				
ALA01	02S03W	16	926072	View Log 926072	UNION PACIFIC RAILROAD	700 73RD AVE	OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	11/22/2005	Abandonment or destruction	Monitoring	30				
ALA01	02S03W	16 A 1	01-406V	View Log 01-406V	TEXACO INC		OAKLAND	MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69	06/14/1988	New Well	Monitoring	20	2			
ALA01	02S03W	16 A 1	01-268Q	View Log 01-268Q	TEXACO INC		OAKLAND			Abandonment or destruction		20	2			
ALA01	02S03W	16 A 2	01-406W	View Log 01-406W	TEXACO INC		OAKLAND	MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69	06/14/1988	New Well	Monitoring	21	2			
ALA01	02S03W	16 A 2	01-268R	View Log 01-268R	TEXACO INC		OAKLAND			Abandonment or destruction		21	2			
ALA01	02S03W	16 A 3	01-406X	View Log 01-406X	TEXACO INC		OAKLAND	MAGGIORA BROS. DRILLING, INC.,WATSONVILLE,2499,69	06/14/1988	New Well	Monitoring	26	2			
ALA01	02S03W	16 A 3	01-268S	View Log 01-268S	TEXACO INC		OAKLAND			Abandonment or destruction		26	2			
ALA01	02S03W	16 A 4	347371	View Log 347371	EXXON COMPANY 7-0236		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	03/13/1991	New Well	Monitoring	30	4			
ALA01	02S03W	16 A 5	347372	View Log 347372	EXXON COMPANY 7-0236		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	03/13/1991	New Well	Monitoring	27	4			
ALA01	02S03W	16 A 6	347373	View Log 347373	EXXON COMPANY 7-0236		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	03/15/1991	New Well	Monitoring	27	4			
ALA01	02S03W	16 A 7	578507A	View Log 578507A	EXXON COMPANY 70236		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	03/26/1992	New Well	Monitoring	26	2			
ALA01	02S03W	16 A 8	578507B	View Log 578507B	EXXON COMPANY 70236		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	03/26/1992	New Well	Monitoring	26	2			
ALA01	02S03W	16 A 9	578507C	View Log 578507C	EXXON COMPANY 70236		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	03/26/1992	New Well	Monitoring	23	2			
ALA01	02S03W	16 A 10	578507D	View Log 578507D	EXXON COMPANY 70236		OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	03/26/1992	New Well	Monitoring	23	2			
ALA01	02S03W	16 D 3	189716	View Log 189716	ALAMEDA CO TRANSIT		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	01/26/1987	New Well	Monitoring	21	2			
ALA01	02S03W	16 D 4	189717	View Log 189717	ALAMEDA CO TRANSIT		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	01/26/1987	New Well	Monitoring	26	2			
ALA01	02S03W	16 D 5	189718	View Log 189718	ALAMEDA CO TRANSIT		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	01/27/1987	New Well	Monitoring	19	2			
ALA01	02S03W	16 D 6	189721	View Log 189721	ALAMEDA CO TRANSIT		OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	03/16/1987	New Well	Monitoring	20	2			
ALA01	02S03W	16 D 7	01-277E	View Log 01-277E	ALAMEDA CO TRANSIT		OAKLAND			New Well		16	4			

ALA01	02S03W	16	D	8	01-277F	View Log 01-277F	ALAMEDA CO TRANSIT		OAKLAND			New Well		25	4
ALA01	02S03W	16	D	9	01-277G	View Log 01-277G	ALAMEDA CO TRANSIT		OAKLAND			New Well		25	4
ALA01	02S03W	16	D	10	01-423C	View Log 01-423C	BAYLISS, CEPHUS		OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	08/08/1988	New Well	Monitoring	20	2
ALA01	02S03W	16	D	11	01-423D	View Log 01-423D	BAYLISS, CEPHUS		OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	08/08/1988	New Well	Monitoring	20	2
ALA01	02S03W	16	D	13	340408	View Log 340408	QUAKER OATS COMPANY		OAKLAND	DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53	06/06/1990	Abandonment or destruction	Unused	1025	12
ALA01	02S03W	16	D		01-406Y	View Log 01-406Y	ALAMEDA CO TRANSIT		OAKLAND	OWNER OF WELL,,66,30	09/02/1988	Abandonment or destruction	Unused	19	
ALA01	02S03W	16	D		01-277A	View Log 01-277A	ALAMEDA CO TRANSIT		OAKLAND			Test hole: soil sampling or exploration hole		12	9
ALA01	02S03W	16	D		01-277B	View Log 01-277B	ALAMEDA CO TRANSIT		OAKLAND			Test hole: soil sampling or exploration hole		12	9
ALA01	02S03W	16	D		01-277C	View Log 01-277C	ALAMEDA CO TRANSIT		OAKLAND			Test hole: soil sampling or exploration hole		12	9
ALA01	02S03W	16	D		01-277D	View Log 01-277D	ALAMEDA CO TRANSIT		OAKLAND			Test hole: soil sampling or exploration hole		12	9
ALA01	02S03W	16	D		01-423F	View Log 01-423F	BAYLISS, CEPHUS		OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	08/16/1988	Test hole: soil sampling or exploration hole	Monitoring	5	6
ALA01	02S03W	16	E		01-545I	View Log 01-545I	PACIFIC BANK		OAKLAND	ARTESIAN ENVIRONMENTAL DRILLNG,SAN RAFAEL,1727,666	10/30/1992	Test hole: soil sampling or exploration hole	Monitoring	10	2
ALA01	02S03W	16	E		01-545J	View Log 01-545J	PACIFIC BANK		OAKLAND	ARTESIAN ENVIRONMENTAL DRILLNG,SAN RAFAEL,1727,666	10/30/1992	Test hole: soil sampling or exploration hole	Monitoring	12	2
ALA01	02S03W	16	E		01-545K	View Log 01-545K	PACIFIC BANK		OAKLAND	ARTESIAN ENVIRONMENTAL DRILLNG,SAN RAFAEL,1727,666	10/30/1992	Test hole: soil sampling or exploration hole	Monitoring	12	2
ALA01	02S03W	16	E		01-545L	View Log 01-545L	PACIFIC BANK		OAKLAND	ARTESIAN ENVIRONMENTAL DRILLNG,SAN RAFAEL,1727,666	01/30/1992	Test hole: soil sampling or exploration hole	Monitoring	12	2
ALA01	02S03W	16	F	2	162810	View Log 162810	KAVPED, INC		OAKLAND	DE LUCCHI WELL AND PUMP, INC.,FREMONT,118,53	12/04/1984	Abandonment or destruction	Unused	610	
ALA01	02S03W	16	G	2	316509	View Log 316509	OAKLAND CITY OF		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/07/1991	New Well	Monitoring	20	4
ALA01	02S03W	16	G	3	316523	View Log 316523	OAKLAND CITY OF		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/08/1991	New Well	Monitoring	21	4
ALA01	02S03W	16	G	4	316522	View Log 316522	OAKLAND CITY OF		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/07/1991	New Well	Monitoring	21	4
ALA01	02S03W	16	G	5	316527	View Log 316527	OAKLAND CITY OF		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	07/15/1991	New Well	Monitoring	21	4
ALA01	02S03W	16	K	1	01-494Z	View Log 01-494Z	SILVA ROOFING CO		OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/15/1991	Abandonment or destruction	Unused	17	6
ALA01	02S03W	16	L	1	280349C	View Log 280349C	UNOCAL STATION 3135		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	04/26/1990	New Well	Monitoring	23	2
ALA01	02S03W	16	L	2	280349D	View Log 280349D	UNOCAL STATION 3135		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	04/27/1990	New Well	Monitoring	23	2
ALA01	02S03W	16	L	3	280349E	View Log 280349E	UNOCAL STATION 3135		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	04/26/1990	New Well	Monitoring	22	2
ALA01	02S03W	16	L	4	253789	View Log 253789	7-UP BOTTLING CO		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	08/09/1990	New Well	Monitoring	16	2
ALA01	02S03W	16	L	5	253790	View Log 253790	7-UP BOTTLING CO		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	08/09/1990	New Well	Monitoring	12	2
ALA01	02S03W	16	L	6	253793	View Log 253793	7-UP BOTTLING CO		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	08/09/1990	New Well	Monitoring	12	2
ALA01	02S03W	16	L	7	364601A	View Log 364601A	UNOCAL STATION 3135		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	08/14/1990	New Well	Monitoring	26	2
ALA01	02S03W	16	L	8	364601B	View Log 364601B	UNOCAL STATION 3135		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	08/14/1990	New Well	Monitoring	26	2
ALA01	02S03W	16	L	9	364601C	View Log 364601C	UNOCAL STATION 3135		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	08/14/1990	New Well	Monitoring	26	2
ALA01	02S03W	16	L	10	427264	View Log 427264	SEVEN-UP BOTTLING CO		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/27/1992	New Well	Monitoring	20	2
ALA01	02S03W	16	L	11	427265	View Log 427265	SEVEN-UP BOTTLING CO		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/27/1992	New Well	Monitoring	31	2
ALA01	02S03W	16	L	12	427266	View Log 427266	SEVEN-UP BOTTLING CO		OAKLAND	CARVER, JOHN DRILLING, INC.,SAN FRANCISCO,1483,445	01/27/1992	New Well	Monitoring	20	2
ALA01	02S03W	16	L	13	364601D	View Log 364601D	UNOCAL STATION 3135		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	09/29/1992	New Well	Monitoring	23	2
ALA01	02S03W	16	L	14	364601E	View Log 364601E	UNOCAL STATION 3135		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	09/28/1992	New Well	Monitoring	23	2
ALA01	02S03W	16	L	15	364601F	View Log 364601F	UNOCAL STATION 3135		OAKLAND	WOODWARD DRILLING COMPANY,RIO VISTA,7100,619	09/28/1992	New Well	Monitoring	23	2
ALA01	02S03W	16	L		280349A	View Log 280349A	UNOCAL STATION 3135		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	04/26/1990	Test hole: soil sampling or exploration hole	Monitoring	9	9
ALA01	02S03W	16	L		280349B	View Log 280349B	UNOCAL STATION 3135		OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	04/16/1990	Test hole: soil sampling or exploration hole	Monitoring	11	9
ALA01	02S03W	16	M	1	01-278A	View Log 01-278A	MC GUIRE AND HESTER		OAKLAND			New Well		31	
ALA01	02S03W	16	M	2	01-278B	View Log 01-278B	MC GUIRE AND HESTER		OAKLAND			New Well		27	
ALA01	02S03W	16	M	3	01-278C	View Log 01-278C	MC GUIRE AND HESTER		OAKLAND			New Well		36	
ALA01	02S03W	16	M		01-437F	View Log 01-437F	CONSOLIDATED FREIGHT		OAKLAND	OWNER OF WELL,,66,30	04/02/1989	Test hole: soil sampling or exploration hole	Monitoring	42	6
ALA01	02S03W	16	M		01-437G	View Log 01-437G	CONSOLIDATED FREIGHT		OAKLAND	OWNER OF WELL,,66,30	04/12/1989	Test hole: soil sampling or exploration hole	Monitoring	25	6
ALA01	02S03W	16	M		01-437H	View Log 01-437H	CONSOLIDATED FREIGHT		OAKLAND	OWNER OF WELL,,66,30	04/12/1989	Test hole: soil sampling or exploration hole	Monitoring	26	6
ALA01	02S03W	16	M		01-437I	View Log 01-437I	CONSOLIDATED FREIGHT		OAKLAND	OWNER OF WELL,,66,30	04/12/1989	Test hole: soil sampling or exploration hole	Monitoring	41	6
ALA01	02S03W	16	M		E0101695	View Log E0101695	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Monitoring	14	
ALA01	02S03W	16	M		E0101696	View Log E0101696	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Monitoring	14	
ALA01	02S03W	16	M		E0101697	View Log E0101697	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Monitoring	14	
ALA01	02S03W	16	M		E0101698	View Log E0101698	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Monitoring	14	
ALA01	02S03W	16	M		E0101699	View Log E0101699	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Monitoring	14	
ALA01	02S03W	16	M		E0101701	View Log E0101701	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	18	
ALA01	02S03W	16	M		E0101702	View Log E0101702	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	18	
ALA01	02S03W	16	M		E0101703	View Log E0101703	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	18	
ALA01	02S03W	16	M		E0101704	View Log E0101704	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	18	
ALA01	02S03W	16	M		E0101705	View Log E0101705	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	18	
ALA01	02S03W	16	M		E0101707	View Log E0101707	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	18	
ALA01	02S03W	16	M		E0101708	View Log E0101708	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	16	
ALA01	02S03W	16	M		E0101709	View Log E0101709	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	18	
ALA01	02S03W	16	M		E0101710	View Log E0101710	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	16	
ALA01	02S03W	16	M		E0101711	View Log E0101711	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	18	
ALA01	02S03W	16	M		E0101712	View Log E0101712	AMERICA,CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	17	
ALA01	02S03W	16	M		E0101713	View Log E0101713	AMERICA, CRUISE	796 66TH AVE.	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	11/25/2009	Abandonment or destruction	Vapor extraction	15	
ALA01	02S03W	16	P	1	319704	View Log 319704	OAKLAND COLISEUM		OAKLAND	PITCHER DRILLING,PALO ALTO,2630,28	09/07/1990	New Well	Monitoring	78	4
ALA01	02S03W	16	P	2	319707	View Log 319707	OAKLAND COLISEUM		OAKLAND	PITCHER DRILLING,PALO ALTO,2630,28	09/06/1990	New Well	Monitoring	101	4
ALA01	02S03W	16	P	3	319703	View Log 319703	OAKLAND COLISEUM		OAKLAND	PITCHER DRILLING,PALO ALTO,2630,28	09/15/1990	New Well	Monitoring	101	4
ALA01	02S03W	16	P	4	319709	View Log 319709	OAKLAND COLISEUM		OAKLAND	PITCHER DRILLING,PALO ALTO,2630,28	09/05/1990	New Well	Monitoring	107	4
ALA01	02S03W	16	P	5	319711	View Log 319711	OAKLAND COLISEUM		OAKLAND	PITCHER DRILLING,PALO ALTO,2630,28	09/09/1990	New Well	Monitoring	77	4
ALA01	02S03W	16	P	6	319708	View Log 319708	OAKLAND COLISEUM		OAKLAND	PITCHER DRILLING,PALO ALTO,2630,28	09/04/1990	New Well	Monitoring	112	4
ALA01	02S03W	16	P	7	319702	View Log 319702	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	09/07/1990	New Well	Monitoring	80	1
ALA01	02S03W	16	P	8	319706	View Log 319706	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	09/10/1990	New Well	Monitoring	72	1
ALA01	02S03W	16	P	9	319705	View Log 319705	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	09/04/1990	New Well	Monitoring	98	4
ALA01	02S03W	16	P	10	319712	View Log 319712	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	09/16/1990	New Well	Monitoring	100	4
ALA01	02S03W	16	P	11	319710	View Log 319710	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	09/06/1990	New Well	Monitoring	100	4
ALA01	02S03W	16	P		01-482B	View Log 01-482B	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/03/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	81	5
ALA01	02S03W	16	P		01-482D	View Log 01-482D	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/06/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	4	5
ALA01	02S03W	16	P		01-482E	View Log 01-482E	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/04/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	52	7
ALA01	02S03W	16	P		01-482F	View Log 01-482F	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/04/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	52	7
ALA01	02S03W	16	P		01-482G	View Log 01-482G	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/06/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	42	7
ALA01	02S03W	16	P		01-482H	View Log 01-482H	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/06/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	52	7
ALA01	02S03W	16	P		01-482C	View Log 01-482C	OAKLAND COLISEUM		OAKLAND	WATER DEVELOPMENT CORP.,WOODLAND,106,46	08/04/1990	Test hole: soil sampling or exploration hole	Geophysical exploration	82	5
ALA01	02S03W	16	Q	1	01-488Q	View Log 01-488Q	AERO QUALITY PLATING		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	12/19/1990	New Well	Monitoring	15	4
ALA01	02S03W	16	Q	1	483681A	View Log 483681A	CALIF DEPT OF HEALTH		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	12/19/1990	New Well	Monitoring	15	4
ALA01	02S03W	16	Q	2	01-488R	View Log 01-488R	AERO QUALITY PLATING		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	12/20/1990	New Well	Monitoring	27	4
ALA01	02S03W	16	Q	2	483681B	View Log 483681B	CALIF DEPT OF HEALTH		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	12/20/1990	New Well	Monitoring	27	4
ALA01	02S03W	16	Q	3	01-488S	View Log 01-488S	AERO QUALITY PLATING		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	12/21/1990	New Well	Monitoring	27	4
ALA01	02S03W	16	Q	3	483681C	View Log 483681C	CALIF DEPT OF HEALTH		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	12/21/1990	New Well	Monitoring	27	4
ALA01	02S03W	16	Q	4	01-488T	View Log 01-488T	AERO QUALITY PLATING		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	01/18/1991	New Well	Monitoring	67	4
ALA01	02S03W	16	Q	4	483681D	View Log 483681D	CALIF DEPT OF HEALTH		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	01/18/1991	New Well	Monitoring	67	4
ALA01	02S03W	16	Q	5	01-488U	View Log 01-488U	AERO QUALITY PLATING		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	01/16/1991	New Well	Monitoring	63	4
ALA01	02S03W	16	Q	5	483681E	View Log 483681E	CALIF DEPT OF HEALTH		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	01/16/1991	New Well	Monitoring	63	4
ALA01	02S03W	16	Q	6	01-488V	View Log 01-488V	AERO QUALITY PLATING		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	01/21/1991	New Well	Monitoring	70	4
ALA01	02S03W	16	Q	6	483681F	View Log 483681F	CALIF DEPT OF HEALTH		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	01/21/1991	New Well	Monitoring	70	4
ALA01	02S03W	16	Q		01-488P	View Log 01-488P	AERO QUALITY PLATING		OAKLAND	LAYNE-WESTERN COMPANY, INC.,FONTANA,580,212	12/18/1990	Test hole: soil sampling or exploration hole	Monitoring	52	10

ALA01	02S03W	16	R	2	291476	View Log 291476	COUNTY RECYCLING SVC	OAKLAND	BAYLAND DRILLING COMPANY,MENLO PARK,1370,395	01/27/1989	New Well	Monitoring	26	8
ALA01	02S03W	16	R	3	205325	View Log 205325	CHIP & STEAK	OAKLAND	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	08/09/1989	New Well	Monitoring	20	2
ALA01	02S03W	16	R	4	205326	View Log 205326	CHIP & STEAK	OAKLAND	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	08/09/1989	New Well	Monitoring	25	2
ALA01	02S03W	16	R	5	205327	View Log 205327	CHIP & STEAK	OAKLAND	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	08/09/1989	New Well	Monitoring	25	2
ALA01	02S03W	16	R	6	316085A	View Log 316085A	MOTHERS CAKE/COOKIE	OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	04/16/1992	New Well	Monitoring	37	4
ALA01	02S03W	16	R	7	316085B	View Log 316085B	MOTHERS CAKE/COOKIE	OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	04/16/1992	New Well	Monitoring	37	4
ALA01	02S03W	16	R	7	316085B	View Log 316085B	MOTHERS CAKE/COOKIE	OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	04/16/1992	New Well	Monitoring	37	4
ALA01	02S03W	16	R	8	480815	View Log 480815	WELLS FARGO/SAMURA	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/08/1992	New Well	Monitoring	20	2
ALA01	02S03W	16	R	9	480816	View Log 480816	WELLS FARGO/SAMURA	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/08/1992	New Well	Monitoring	20	2
ALA01	02S03W	16	R	10	480817	View Log 480817	WELLS FARGO/SAMURA	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/08/1992	New Well	Monitoring	20	2
ALA01	02S03W	16	R	11	01-507A	View Log 01-507A	SUNSHINE BISCUITS	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	07/23/1991	New Well	Monitoring	36	4
ALA01	02S03W	16	R	12	01-507B	View Log 01-507B	SUNSHINE BISCUITS	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	07/23/1991	New Well	Monitoring	36	4
ALA01	02S03W	16	R	13	01-507C	View Log 01-507C	SUNSHINE BISCUITS	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	07/22/1991	New Well	Monitoring	36	4
ALA01	02S03W	16	R	14	01-507D	View Log 01-507D	SUNSHINE BISCUITS	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	07/22/1991	New Well	Monitoring	36	4
ALA01	02S03W	16	R	15	316085C	View Log 316085C	MOTHER'S CAKES/COOKI	OAKLAND	BAY AREA EXPLORATION, INC,CORDELIA,1495,453	04/16/1992	New Well	Monitoring	23	4
ALA01	02S03W	16	R	16	425494	View Log 425494	AMERICAN BRASS/IRON	OAKLAND	BSK & ASSOCIATES,PLEASANTON,1506,461	02/17/1993	New Well	Monitoring	23	2
ALA01	02S03W	16	R	17	425493	View Log 425493	AMERICAN BRASS/IRON	OAKLAND	BSK & ASSOCIATES,PLEASANTON,1506,461	02/17/1993	New Well	Monitoring	17	4
ALA01	02S03W	16	R	18	425496	View Log 425496	AMERICAN BRASS/IRON	OAKLAND	BSK & ASSOCIATES,PLEASANTON,1506,461	02/18/1993	New Well	Monitoring	20	2
ALA01	02S03W	16	R	19	425497	View Log 425497	AMERICAN BRASS/IRON	OAKLAND	BSK & ASSOCIATES,PLEASANTON,1506,461	02/18/1993	New Well	Monitoring	27	2
ALA01	02S03W	16	R	20	01-535Z	View Log 01-535Z	KONIGSBERG, MERLE	OAKLAND	BSK & ASSOCIATES,PLEASANTON,1506,461	01/28/1993	New Well	Monitoring	20	2
ALA01	02S03W	16	R	21	01-541D	View Log 01-541D	MOTHER'S COOKIES	OAKLAND	DYNATEC DRILLING SERVICES, INC,SALT LAKE CITY,1668,608	10/28/1992	New Well	Monitoring	25	4
ALA01	02S03W	16	R	21	01-541D	View Log 01-541D	MOTHER'S COOKIES	OAKLAND	DYNATEC DRILLING SERVICES, INC,SALT LAKE CITY,1668,608	10/28/1992	New Well	Monitoring	25	4
ALA01	02S03W	16	R	22	01-541E	View Log 01-541E	MOTHER'S COOKIES	OAKLAND	DYNATEC DRILLING SERVICES, INC,SALT LAKE CITY,1668,608	10/28/1992	New Well	Monitoring	23	4
ALA01	02S03W	16	R	23	425450	View Log 425450	AMERICAN BRASS & IRO	OAKLAND	BSK & ASSOCIATES,PLEASANTON,1506,461	11/19/1992	New Well	Monitoring	18	2
ALA01	02S03W	16	R		01-507E	View Log 01-507E	SUNSHINE BISCUITS	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	07/23/1991	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	16	R		01-507F	View Log 01-507F	SUNSHINE BISCUITS	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	07/23/1991	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	16	R		01-507G	View Log 01-507G	SUNSHINE BISCUITS	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	07/24/1991	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	16			424593	View Log 424593								
ALA01	02S03W	16			140326	View Log 140326								
ALA01	02S03W	16			01-277	View Log 01-277								
ALA01	02S03W	16			01-1319	View Log 01-1319								
ALA01	02S03W	16			01-1320	View Log 01-1320								
ALA01	02S03W	16			140353	View Log 140353								
ALA01	02S03W	16			NN	View Log NN								
ALA01	02S03W	16			32601	View Log 32601								
ALA01	02S03W	16			280349	View Log 280349								
ALA01	02S03W	16			364601	View Log 364601								
ALA01	02S03W	16			01-278	View Log 01-278								
ALA01	02S03W	16			01482A	View Log 01482A								
ALA01	02S03W	16			123408	View Log 123408								
ALA01	02S03W	17			346011A	View Log 346011A	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/17/1990	Test hole: soil sampling or exploration hole	Monitoring	17	8
ALA01	02S03W	17			346011B	View Log 346011B	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/17/1990	Test hole: soil sampling or exploration hole	Monitoring	17	8
ALA01	02S03W	17			346011C	View Log 346011C	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/17/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	17			346011D	View Log 346011D	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/17/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	17	A	1	01-423G	View Log 01-423G	L E H PLATING	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/09/1988	New Well	Monitoring	21	2
ALA01	02S03W	17	A	2	01-423H	View Log 01-423H	L E H PLATING	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/09/1988	New Well	Monitoring	21	2
ALA01	02S03W	17	A	3	01-423I	View Log 01-423I	L E H PLATING	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	09/09/1988	New Well	Monitoring	21	2
ALA01	02S03W	17	A	4	01-423J	View Log 01-423J	L E H PLATING	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	09/09/1988	New Well	Monitoring	8	2
ALA01	02S03W	17	B	1	197036	View Log 197036	EAST BAY M U D	OAKLAND	PITCHER DRILLING,PALO ALTO,2630,28	10/20/1986	New Well	Cathodic protection	65	
ALA01	02S03W	17	B	2	01-479A	View Log 01-479A	VOLVO-GM/WHITE	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/05/1990	New Well	Monitoring	28	2
ALA01	02S03W	17	B	3	01-479B	View Log 01-479B	VOLVO-GM/WHITE	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/05/1990	New Well	Monitoring	27	2
ALA01	02S03W	17	B	4	01-479C	View Log 01-479C	VOLVO-GM/WHITE	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/05/1990	New Well	Monitoring	27	2
ALA01	02S03W	17	B	5	01-479D	View Log 01-479D	VOLVO-GM/WHITE	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/05/1990	New Well	Monitoring	29	2
ALA01	02S03W	17	B	6	315345	View Log 315345	PACIFIC GAS & ELECT	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	04/16/1991	New Well	Monitoring	17	2
ALA01	02S03W	17	B	7	362184	View Log 362184	VOLVO-GM HEAVY TRUCK	OAKLAND	SPECTRUM EXPLORATION, INC,STOCKTON,5122,530	10/03/1991	New Well	Monitoring	21	2
ALA01	02S03W	17	B	8	362185	View Log 362185	VOLVO-GM HEAVY TRUCK	OAKLAND	SPECTRUM EXPLORATION, INC,STOCKTON,5122,530	10/29/1991	New Well	Monitoring	16	2
ALA01	02S03W	17	B	9	362186	View Log 362186	VOLVO-GM HEAVY TRUCK	OAKLAND	SPECTRUM EXPLORATION, INC,STOCKTON,5122,530	10/30/1991	New Well	Monitoring	16	2
ALA01	02S03W	17	B	10	362189	View Log 362189	VOLVO-GM HEAVY TRUCK	OAKLAND	SPECTRUM EXPLORATION, INC,STOCKTON,5122,530	10/29/1991	New Well	Monitoring	21	2
ALA01	02S03W	17	B	11	362190	View Log 362190	VOLVO-GM HEAVY TRUCK	OAKLAND	SPECTRUM EXPLORATION, INC,STOCKTON,5122,530	10/29/1991	New Well	Monitoring	24	2
ALA01	02S03W	17	B	12	107248	View Log 107248	VOLVO-GM HEAVY TRUCK	OAKLAND	SPECTRUM EXPLORATION, INC,STOCKTON,5122,530	10/28/1991	New Well	Monitoring	21	2
ALA01	02S03W	17	B	13	107249	View Log 107249	VOLVO-GM HEAVY TRUCK	OAKLAND	SPECTRUM EXPLORATION, INC,STOCKTON,5122,530	10/28/1991	New Well	Monitoring	25	2
ALA01	02S03W	17	B	15	428879	View Log 428879	PACIFIC GAS & ELECT	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	02/10/1993	New Well	Monitoring	18	2
ALA01	02S03W	17	B		01-479E	View Log 01-479E	VOLVO-GM/WHITE	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/06/1990	Test hole: soil sampling or exploration hole	Monitoring	10	
ALA01	02S03W	17	B		01-479F	View Log 01-479F	VOLVO-GM/WHITE	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/05/1990	Test hole: soil sampling or exploration hole	Monitoring	10	
ALA01	02S03W	17	B		01-479G	View Log 01-479G	VOLVO-GM/WHITE	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/06/1990	Test hole: soil sampling or exploration hole	Monitoring	10	
ALA01	02S03W	17	B		01-479H	View Log 01-479H	VOLVO-GM/WHITE	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/06/1990	Test hole: soil sampling or exploration hole	Monitoring	10	
ALA01	02S03W	17	B		01-541Z	View Log 01-541Z	PACIFIC GAS & ELECT	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	10/31/1991	Abandonment or destruction	Unused	19	2
ALA01	02S03W	17	C	1	01-279A	View Log 01-279A	PACIFIC GAS & ELECT	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	11/24/1987	New Well	Monitoring	8	2
ALA01	02S03W	17	C	2	01-279B	View Log 01-279B	PACIFIC GAS & ELECT	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	11/24/1987	New Well	Monitoring	8	2
ALA01	02S03W	17	C	3	01-279C	View Log 01-279C	PACIFIC GAS & ELECT	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	11/24/1987	New Well	Monitoring	8	2
ALA01	02S03W	17	C	4	281048	View Log 281048	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	10/29/1990	New Well	Monitoring	11	2
ALA01	02S03W	17	C	5	281049	View Log 281049	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	10/23/1990	New Well	Monitoring	15	2
ALA01	02S03W	17	C	6	281050	View Log 281050	PACIFIC GAS & ELECT	OAKLAND	OWNER OF WELL,,66,30	10/22/1990	New Well	Monitoring	15	2
ALA01	02S03W	17	C	9	01-531Q	View Log 01-531Q	CLARKLIFT	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	08/26/1991	New Well	Monitoring	27	4
ALA01	02S03W	17	C	10	01-531R	View Log 01-531R	CLARKLIFT	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	08/26/1991	New Well	Monitoring	22	4
ALA01	02S03W	17	C	11	01-531S	View Log 01-531S	CLARKLIFT	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	08/26/1991	New Well	Monitoring	22	4
ALA01	02S03W	17	C	12	01-531T	View Log 01-531T	CLARKLIFT	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	08/26/1991	New Well	Monitoring	22	4
ALA01	02S03W	17	C	13	585399	View Log 585399	SWINFORD, BOB	OAKLAND	JCON EXPLORATION,YUBA CITY,1633,573	08/18/1993	New Well	Monitoring	21	2
ALA01	02S03W	17	D	3	303276	View Log 303276	TIDEWATER BUSINESS	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	02/05/1990	New Well	Monitoring	9	2
ALA01	02S03W	17	D	3	303286	View Log 303286	TIDEWATER BUS PARK	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	04/12/1990	Abandonment or destruction	Unused	6	
ALA01	02S03W	17	D	4	303279	View Log 303279	TIDEWATER BUSINESS	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	02/06/1990	New Well	Monitoring	12	2
ALA01	02S03W	17	D	4	303287	View Log 303287	TIDEWATER BUS PARK	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	04/12/1990	Abandonment or destruction	Unused	10	
ALA01	02S03W	17	D	5	303280	View Log 303280	TIDEWATER BUSINESS	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	02/06/1990	New Well	Monitoring	8	2
ALA01	02S03W	17	D	5	303288	View Log 303288	TIDEWATER BUS PARK	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	04/12/1990	Abandonment or destruction	Unused	6	
ALA01	02S03W	17	D	6	303281	View Log 303281	TIDEWATER BUSINESS	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	02/06/1990	New Well	Monitoring	8	2
ALA01	02S03W	17	D	6	303289	View Log 303289	TIDEWATER BUS PARK	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	04/12/1990	Abandonment or destruction	Unused	7	
ALA01	02S03W	17	D	7	303282	View Log 303282	TIDEWATER BUSINESS	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	02/06/1990	New Well	Monitoring	5	2
ALA01	02S03W	17	D	7	303290	View Log 303290	TIDEWATER BUS PARK	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	04/12/1990	Abandonment or destruction	Unused	5	
ALA01	02S03W	17	D	8	303278	View Log 303278	TIDEWATER BUSINESS	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	02/06/1990	New Well	Monitoring	6	2
ALA01	02S03W	17	D	8	303291	View Log 303291	TIDEWATER BUS PARK	UNION CITY	AQUA SCIENCE ENGINEERING, INC,SAN RAMON,1558,498	04/12/1990	Abandonment or destruction	Unused	5	
ALA01	02S03W	17	D	9	316537	View Log 316537	GALLAGHER BANK	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	07/15/1991	New Well	Monitoring	29	
ALA01	02S03W	17	D	10	396088	View Log 396088	WHITE, DON	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/02/1993	New Well	Monitoring	13	2
ALA01	02S03W	17	H	1	366031	View Log 366031	PENSKE TRUCK LEASING	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/25/1990	New Well	Monitoring	37	4

ALA01	02S03W	17	H	1	366031	View Log 366031	PENSKE TRUCK LEASING	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/25/1990	New Well	Monitoring	37	4
ALA01	02S03W	17	H	2	366032	View Log 366032	PENSKE TRUCK LEASING	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/26/1990	New Well	Monitoring	30	4
ALA01	02S03W	17	H	3	366033	View Log 366033	PENSKE TRUCK LEASING	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	09/27/1990	New Well	Monitoring	37	4
ALA01	02S03W	17	H	4	346009	View Log 346009	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	08/01/1990	New Well	Monitoring	24	2
ALA01	02S03W	17	H	5	346010	View Log 346010	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	08/01/1990	New Well	Monitoring	24	2
ALA01	02S03W	17	H	6	346011	View Log 346011	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	08/01/1990	New Well	Monitoring	27	2
ALA01	02S03W	17	H	7	346024	View Log 346024	INDEPENDENT CONST CO	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	03/27/1991	New Well	Monitoring	20	2
ALA01	02S03W	17	H	8	346022	View Log 346022	INDEPENDENT CONST CO	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	03/27/1991	New Well	Monitoring	20	2
ALA01	02S03W	17	H	9	346025	View Log 346025	INDEPENDENT CONST CO	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	03/27/1991	New Well	Monitoring	20	2
ALA01	02S03W	17	H	10	483502	View Log 483502	INDEPENDENT CONST CO	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	04/12/1991	New Well	Monitoring	20	2
ALA01	02S03W	17	H	11	483549	View Log 483549	MC COSKER, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	08/02/1991	New Well	Monitoring	25	2
ALA01	02S03W	17	H	12	374331	View Log 374331	YANDELL TRUCKAWAY	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	04/13/1993	New Well	Monitoring	15	2
ALA01	02S03W	17	H	13	374332	View Log 374332	YANDELL TRUCKAWAY	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	04/13/1993	New Well	Monitoring	15	2
ALA01	02S03W	17	H	14	374333	View Log 374333	YANDELL TRUCKAWAY	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	04/13/1993	New Well	Monitoring	15	2
ALA01	02S03W	17	H	15	366043A	View Log 366043A	PENSKE TRUCK LEASING	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	02/02/1993	New Well	Monitoring	37	4
ALA01	02S03W	17	H	16	366043B	View Log 366043B	PENSKE TRUCK LEASING	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	02/02/1993	New Well	Monitoring	37	4
ALA01	02S03W	17	H		01-480A	View Log 01-480A	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/17/1990	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	17	H		01-480B	View Log 01-480B	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/17/1990	Test hole: soil sampling or exploration hole	Monitoring	12	8
ALA01	02S03W	17	H		01-480C	View Log 01-480C	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/17/1990	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	17	H		01-480D	View Log 01-480D	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/17/1990	Test hole: soil sampling or exploration hole	Monitoring	12	8
ALA01	02S03W	17	H		01-480E	View Log 01-480E	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/17/1990	Test hole: soil sampling or exploration hole	Monitoring	12	8
ALA01	02S03W	17	H		01-480F	View Log 01-480F	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/17/1990	Test hole: soil sampling or exploration hole	Monitoring	12	8
ALA01	02S03W	17	H		01-480G	View Log 01-480G	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/26/1990	Test hole: soil sampling or exploration hole	Monitoring	15	8
ALA01	02S03W	17	H		01-480H	View Log 01-480H	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/26/1990	Test hole: soil sampling or exploration hole	Monitoring	12	8
ALA01	02S03W	17	H		01-480I	View Log 01-480I	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/29/1990	Test hole: soil sampling or exploration hole	Monitoring	12	8
ALA01	02S03W	17	H		01-480J	View Log 01-480J	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/26/1990	Test hole: soil sampling or exploration hole	Monitoring	12	8
ALA01	02S03W	17	H		01-480K	View Log 01-480K	MC COSKEY, DAVE	OAKLAND	EXPLORATION GEOSERVICES, INC.,SAN JOSE,4842,484	07/26/1990	Test hole: soil sampling or exploration hole	Monitoring	7	8
ALA01	02S03W	17	J	1	168016	View Log 168016	EAST BAY M U D	OAKLAND	SIERRA PACIFIC DRILLING,CONCORD,1428,419	11/24/1987	New Well	Monitoring	30	4
ALA01	02S03W	17	J	1	257421	View Log 257421	SCHWARTZ, ROBERT	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	11/07/1988	New Well	Monitoring	25	2
ALA01	02S03W	17	J	2	01-418M	View Log 01-418M	CONSOLIDATED FREIGHT	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/06/1989	New Well	Monitoring	22	2
ALA01	02S03W	17	J	3	01-418N	View Log 01-418N	CONSOLIDATED FREIGHT	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/06/1989	New Well	Monitoring	21	2
ALA01	02S03W	17	J	4	257418	View Log 257418	SCHWARTZ & LINDHEIM	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	03/24/1989	New Well	Monitoring	20	2
ALA01	02S03W	17	J		01-418O	View Log 01-418O	CONSOLIDATED FREIGHT	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/07/1989	Test hole: soil sampling or exploration hole	Monitoring	17	
ALA01	02S03W	17	J		01-418P	View Log 01-418P	CONSOLIDATED FREIGHT	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/07/1989	Test hole: soil sampling or exploration hole	Monitoring	17	
ALA01	02S03W	17	J		01-418Q	View Log 01-418Q	CONSOLIDATED FREIGHT	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/07/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	17	J		01-418R	View Log 01-418R	CONSOLIDATED FREIGHT	OAKLAND	EXCELTECH, INC.,FREMONT,1486,447	02/07/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	17	Q	1	01-443I	View Log 01-443I	OAKLAND CITY OF	OAKLAND	DATUM EXPLORATION,PITTSBURG,1518,471	09/29/1989	New Well	Monitoring	17	2
ALA01	02S03W	17			362884	View Log 362884								
ALA01	02S03W	17			01-531	View Log 01-531								
ALA01	02S03W	17			01-204A	View Log 01-204A								
ALA01	02S03W	17			01-204B	View Log 01-204B								
ALA01	02S03W	17			01-1351	View Log 01-1351								
ALA01	02S03W	17			NN	View Log NN								
ALA01	02S03W	17			364022	View Log 364022								
ALA01	02S03W	17			364024	View Log 364024								
ALA01	02S03W	17			87248	View Log 87248								
ALA01	02S03W	17			01-1353	View Log 01-1353								
ALA01	02S03W	17			01-1352	View Log 01-1352								
ALA01	02S03W	17			01-1354	View Log 01-1354								
ALA01	02S03W	17			01-1355	View Log 01-1355								
ALA01	02S03W	08N-08P	D	3	391242	View Log 391242	PACIFIC GAS & ELECT	OAKLAND	AMERICAN CONSTRUCTION & SUPPLY,MILL VALLEY,3105,586	12/21/1990	New Well	Cathodic protection	120	2
ALA01	02S03W	08N-08P	N	5	01-436J	View Log 01-436J	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	04/25/1989	New Well	Monitoring	20	
ALA01	02S03W	08N-08P	N	6	01-436K	View Log 01-436K	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	04/25/1989	New Well	Monitoring	25	
ALA01	02S03W	08N-08P	N	7	01-436L	View Log 01-436L	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	04/25/1989	New Well	Monitoring	20	
ALA01	02S03W	08N-08P	N	8	01-436M	View Log 01-436M	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	04/25/1989	New Well	Monitoring	22	
ALA01	02S03W	08N-08P	N	11	01-446R	View Log 01-446R	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/15/1989	New Well	Monitoring	24	4
ALA01	02S03W	08N-08P	N	12	01-446S	View Log 01-446S	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	08/15/1989	New Well	Monitoring	24	4
ALA01	02S03W	08N-08P	N	13	01-452H	View Log 01-452H	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	11/15/1989	New Well	Monitoring	16	2
ALA01	02S03W	08N-08P	N	14	01-452I	View Log 01-452I	SHELL OIL COMPANY	OAKLAND	ALL TERRAIN EXPLORATION DRILL,PLEASANTON GROVE,1369,394	11/15/1989	New Well	Monitoring	17	2
ALA01	02S03W	08N-08P	N	46	01-496A	View Log 01-496A	UNOCAL CHEMICALS DIV	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/08/1991	New Well	Monitoring	8	2
ALA01	02S03W	08N-08P	N	47	01-496B	View Log 01-496B	UNOCAL CHEMICALS DIV	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/09/1991	New Well	Monitoring	31	2
ALA01	02S03W	08N-08P	N	48	01-496C	View Log 01-496C	UNOCAL CHEMICALS DIV	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/08/1991	New Well	Monitoring	9	2
ALA01	02S03W	08N-08P	N	49	01-496D	View Log 01-496D	UNOCAL CHEMICALS DIV	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/08/1991	New Well	Monitoring	30	2
ALA01	02S03W	08N-08P	N	50	01-496E	View Log 01-496E	UNOCAL CHEMICALS DIV	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/08/1991	New Well	Monitoring	9	2
ALA01	02S03W	08N-08P	N	51	01-496F	View Log 01-496F	UNOCAL CHEMICALS DIV	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	04/10/1991	New Well	Monitoring	36	2
ALA01	02S03W	08N-08P	N	52	316524	View Log 316524	COBBLEDICK-KIBBE	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/26/1991	New Well	Monitoring	24	4
ALA01	02S03W	08N-08P	N	53	316526	View Log 316526	COBBLEDICK-KIBBE	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/26/1991	New Well	Monitoring	25	4
ALA01	02S03W	08N-08P	N	54	316525	View Log 316525	COBBLEDICK-KIBBE	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	02/26/1991	New Well	Monitoring	25	4
ALA01	02S03W	08N-08P	N	55	316529	View Log 316529	COBBLEDICK-KIBBE	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/25/1991	New Well	Monitoring	25	4
ALA01	02S03W	08N-08P	N	56	362183	View Log 362183	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	09/11/1991	New Well	Monitoring	50	2
ALA01	02S03W	08N-08P	N	57	362181	View Log 362181	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	09/12/1991	New Well	Monitoring	50	2
ALA01	02S03W	08N-08P	N	58	362182	View Log 362182	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	09/12/1991	New Well	Monitoring	50	2
ALA01	02S03W	08N-08P	N	59	01-506I	View Log 01-506I	ARCO PRODUCTS CO	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	07/26/1991	New Well	Monitoring	24	2
ALA01	02S03W	08N-08P	N	60	01-506J	View Log 01-506J	ARCO PRODUCTS CO	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	07/25/1991	New Well	Monitoring	27	2
ALA01	02S03W	08N-08P	N	61	01-506K	View Log 01-506K	ARCO PRODUCTS CO	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	07/29/1991	New Well	Monitoring	24	2
ALA01	02S03W	08N-08P	N	62	01-506L	View Log 01-506L	ARCO PRODUCTS CO	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	07/29/1991	New Well	Monitoring	24	2
ALA01	02S03W	08N-08P	N	63	01-506M	View Log 01-506M	ARCO PRODUCTS CO	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	07/30/1991	New Well	Monitoring	32	2
ALA01	02S03W	08N-08P	N	64	316548	View Log 316548	SECTRAS CORPORATION	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/16/1992	New Well	Monitoring	25	4
ALA01	02S03W	08N-08P	N	65	405238A	View Log 405238A	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/18/1992	New Well	Monitoring	47	2
ALA01	02S03W	08N-08P	N	66	405238B	View Log 405238B	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/17/1992	New Well	Monitoring	45	2
ALA01	02S03W	08N-08P	N	67	316574	View Log 316574	SECURITY PACIFIC BAN	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	11/21/1991	Abandonment or destruction	Unused	20	
ALA01	02S03W	08N-08P	N	68	316543	View Log 316543	SECURITY PACIFIC BAN	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	11/21/1991	New Well	Monitoring	22	4
ALA01	02S03W	08N-08P	N	73	01-536M	View Log 01-536M	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/30/1990	New Well	Extraction	31	5
ALA01	02S03W	08N-08P	N	74	01-536N	View Log 01-536N	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/29/1990	New Well	Extraction	29	5
ALA01	02S03W	08N-08P	N	75	01-536O	View Log 01-536O	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/29/1990	New Well	Extraction	31	5
ALA01	02S03W	08N-08P	N	76	01-536P	View Log 01-536P	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/30/1990	New Well	Extraction	29	5
ALA01	02S03W	08N-08P	N	77	01-536Q	View Log 01-536Q	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/31/1990	New Well	Extraction	29	5
ALA01	02S03W	08N-08P	N	78	01-536R	View Log 01-536R	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/31/1990	New Well	Extraction	31	5
ALA01	02S03W	08N-08P	N	79	01-536S	View Log 01-536S	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/25/1990	New Well	Extraction	30	5
ALA01	02S03W	08N-08P	N	80	01-536T	View Log 01-536T	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/26/1990	New Well	Extraction	33	5
ALA01	02S03W	08N-08P	N	81	01-536U	View Log 01-536U	UNOCAL CHEMICALS	OAKLAND	GREGG DRILLING & TESTING, INC.,SIGNAL HILL,4851,482	03/26/1990	New Well	Extraction	31	5
ALA01	02S03W	08N-08P	P	1	01-436P	View Log 01-436P	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/23/1989	New Well	Monitoring	12	2
ALA01	02S03W	08N-08P	P	1	318051	View Log 318051	EXXON COMPANY 7-3006	OAKLAND		05/01/1988	New Well		29	4

ALA01	02S03W	08N-08P	P	2	01-436Q	View Log 01-436Q	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/23/1989	New Well	Monitoring	27	2
ALA01	02S03W	08N-08P	P	2	318052	View Log 318052	EXXON COMPANY 7-3006	OAKLAND		09/01/1988	New Well		36	4
ALA01	02S03W	08N-08P	P	3	01-436R	View Log 01-436R	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/24/1989	New Well	Monitoring	25	2
ALA01	02S03W	08N-08P	P	3	01-436S	View Log 01-436S	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/22/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	08N-08P	P	3	01-436T	View Log 01-436T	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/23/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	08N-08P	P	3	01-436U	View Log 01-436U	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/22/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	08N-08P	P	3	01-436V	View Log 01-436V	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/22/1989	Test hole: soil sampling or exploration hole	Monitoring	11	
ALA01	02S03W	08N-08P	P	3	01-436W	View Log 01-436W	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/22/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	08N-08P	P	3	01-436X	View Log 01-436X	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/24/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	08N-08P	P	3	01-436Y	View Log 01-436Y	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/24/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	08N-08P	P	3	318053	View Log 318053	EXXON COMPANY 7-3006	OAKLAND		09/01/1988	New Well		36	4
ALA01	02S03W	08N-08P	P	4	318054	View Log 318054	EXXON COMPANY 7-3006	OAKLAND		09/01/1988	New Well		36	4
ALA01	02S03W	08N-08P	P	5	318055	View Log 318055	EXXON COMPANY 7-3006	OAKLAND		09/01/1988	New Well		36	4
ALA01	02S03W	08N-08P	P	6	318056	View Log 318056	EXXON COMPANY 7-3006	OAKLAND		09/01/1988	New Well		36	4
ALA01	02S03W	08N-08P	P	7	318058	View Log 318058	EXXON COMPANY 7-3006	OAKLAND		09/01/1988	New Well		36	4
ALA01	02S03W	08N-08P	P	8	318057	View Log 318057	EXXON COMPANY 7-3006	OAKLAND		09/01/1988	New Well		36	4
ALA01	02S03W	08N-08P	P	9	318031	View Log 318031	EXXON COMPANY 7-3006	OAKLAND	HEW DRILLING COMPANY,PALO ALTO,-6049,297	05/12/1988	New Well	Monitoring	33	4
ALA01	02S03W	08N-08P	P	10	318032	View Log 318032	EXXON COMPANY 7-3006	OAKLAND		11/27/1989	New Well		25	4
ALA01	02S03W	08N-08P	P	11	318034	View Log 318034	EXXON COMPANY 7-3006	OAKLAND		11/28/1989	New Well		15	4
ALA01	02S03W	08N-08P	P	12	318033	View Log 318033	EXXON COMPANY 7-3006	OAKLAND		11/27/1989	New Well		30	4
ALA01	02S03W	08N-08P	P	13	318035	View Log 318035	EXXON COMPANY 7-3006	OAKLAND		11/28/1989	New Well		15	4
ALA01	02S03W	08N-08P	P	14	01-453A	View Log 01-453A	SOUTHERN PACIFIC TRA	OAKLAND		11/22/1989	New Well		26	2
ALA01	02S03W	08N-08P	P	15	01-453B	View Log 01-453B	SOUTHERN PACIFIC TRA	OAKLAND		11/21/1989	New Well		21	2
ALA01	02S03W	08N-08P	P	16	01-453C	View Log 01-453C	SOUTHERN PACIFIC TRA	OAKLAND		11/22/1989	New Well		26	2
ALA01	02S03W	08N-08P	P	17	346810	View Log 346810	EXXON COMPANY	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	10/31/1990	New Well	Monitoring	19	4
ALA01	02S03W	08N-08P	P	18	346811	View Log 346811	EXXON COMPANY	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	10/31/1990	New Well	Monitoring	18	4
ALA01	02S03W	08N-08P	P	19	01-535V	View Log 01-535V	SUPERIOR PLASTER CAS	OAKLAND	WEST HAZMAT DRILLING CORP,NEWARK,1621,561	12/08/1992	New Well	Monitoring	19	2
ALA01	02S03W	08N-08P	P		01-453D	View Log 01-453D	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	11/21/1989	Test hole: soil sampling or exploration hole	Monitoring	6	6
ALA01	02S03W	08N-08P	P		01-453E	View Log 01-453E	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	11/21/1989	Test hole: soil sampling or exploration hole	Monitoring	6	6
ALA01	02S03W	08N-08P	P		01-453F	View Log 01-453F	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	11/21/1989	Test hole: soil sampling or exploration hole	Monitoring	6	6
ALA01	02S03W	08N-08P	P		01-453G	View Log 01-453G	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	11/21/1989	Test hole: soil sampling or exploration hole	Monitoring	6	6
ALA01	02S03W	08N-08P	P		318035A	View Log 318035A	EXXON STATION 7-3006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/29/1989	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	08N-08P	P		318035B	View Log 318035B	EXXON STATION 7-3006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/28/1989	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	08N-08P	P		318035C	View Log 318035C	EXXON STATION 7-3006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/28/1989	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	08N-08P	P		318035D	View Log 318035D	EXXON STATION 7-3006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/29/1989	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	08N-08P	P		318035E	View Log 318035E	EXXON STATION 7-3006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/29/1989	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	08N-08P	P		318035F	View Log 318035F	EXXON STATION 7-3006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/29/1989	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	08N-08P	P		318035G	View Log 318035G	EXXON STATION 7-3006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/29/1989	Test hole: soil sampling or exploration hole	Monitoring	13	8
ALA01	02S03W	08N-08P	P		01-436Z	View Log 01-436Z	SOUTHERN PACIFIC TRA	OAKLAND	WESTERN STRATA EXPLORATION,CLARKSBURG,5521,549	05/24/1989	Test hole: soil sampling or exploration hole	Monitoring	12	
ALA01	02S03W	08N-08P	P		01-470M	View Log 01-470M	EXXON COMPANY 73006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/01/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	08N-08P	P		01-470N	View Log 01-470N	EXXON COMPANY 73006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/01/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	08N-08P	P		01-470P	View Log 01-470P	EXXON COMPANY 73006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/01/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	08N-08P	P		01-470Q	View Log 01-470Q	EXXON COMPANY 73006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/01/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	08N-08P	P		01-470R	View Log 01-470R	EXXON COMAPNY 73006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/01/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	08N-08P	P		01-470S	View Log 01-470S	EXXON COMPANY 73006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/01/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	08N-08P	P		01-470U	View Log 01-470U	EXXON COMPANY 73006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/02/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	08N-08P	P		01-470V	View Log 01-470V	EXXON COMPANY 73006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/02/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	08N-08P	P		01-470W	View Log 01-470W	EXXON COMPANY 73006	OAKLAND	KVILHAUG WELL DRILLING & PUMP,CONCORD,1545,488	11/02/1990	Test hole: soil sampling or exploration hole	Monitoring	14	8
ALA01	02S03W	08N-08P			01-486A	View Log 01-486A								
ALA01	02S03W	08N-08P			01-486B	View Log 01-486B								
ALA01	02S03W	08N-08P			01-486C	View Log 01-486C								
ALA01	02S03W	08N-08P			01-486D	View Log 01-486D								
ALA01	02S03W	08N-08P			01-486E	View Log 01-486E								
ALA01	02S03W	08N-08P			01-486F	View Log 01-486F								
ALA01	02S03W	08N-08P			01-486G	View Log 01-486G								
ALA01	02S03W	08N-08P			01-486H	View Log 01-486H								
ALA01	02S03W	08N-08P			01-486I	View Log 01-486I								
ALA01	02S03W	08N-08P			01-486J	View Log 01-486J								
ALA01	02S03W	08N-08P			01-486K	View Log 01-486K								
ALA01	02S03W	08N-08P			01-486L	View Log 01-486L								
ALA01	02S03W	08N-08P			01-486M	View Log 01-486M								
ALA01	02S03W	08N-08P			01-486O	View Log 01-486O								
ALA01	02S03W	08N-08P			01-486N	View Log 01-486N								
ALA01	02S03W	08N-08P			01-486P	View Log 01-486P								
ALA01	02S03W	08N-08P			01-486Q	View Log 01-486Q								
ALA01	02S03W	08N-08P			01-486A-Q	View Log 01-486A-Q								

Appendix C

EDR Report

Chevron #351640 Former Unocal #5781
3535 Pierson Street
Oakland, CA 94619

Inquiry Number: 3410953.7s
September 25, 2012

The EDR Radius Map™ Report with GeoCheck®

Prepared using the EDR FieldCheck® System

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
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 the environmental records was conducted by Environmental Data Resources, Inc. (EDR). AECOM used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by AECOM. 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

3535 PIERSON STREET
OAKLAND, CA 94619

COORDINATES

Latitude (North):	37.7835000 - 37° 47' 0.60''
Longitude (West):	122.1886000 - 122° 11' 18.96''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	571450.1
UTM Y (Meters):	4181899.2
Elevation:	153 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37122-G2 OAKLAND EAST, CA
Most Recent Revision:	1980

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8.

Site	Database(s)	EPA ID
UNION OIL SS #5781 3535 PIERSON ST OAKLAND, CA 94619	HIST UST	N/A
TOSCO FACILITY #5781 3535 PIERSON ST OAKLAND, CA 94619	UST	N/A

EXECUTIVE SUMMARY

UNOCAL #5781 3535 PIERSON ST. OAKLAND, CA 94619	HIST CORTESE LUST Status: Open - Site Assessment Alameda County CS SWEEPS UST CHMIRS Notify 65 HAZNET	N/A
UNOCAL SERVICE STATION #5781 3535 PIERSON ST OAKLAND, CA 94619	CA FID UST HAZNET	N/A

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System
WDS ---------- Waste Discharge System

State and tribal leaking storage tank lists

SLIC ---------- Statewide SLIC Cases
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land
FEMA UST ---------- Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP ---------- Voluntary Cleanup Program Properties
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---------- Clandestine Drug Labs
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
CDL ---------- Clandestine Drug Labs
US HIST CDL ---------- National Clandestine Laboratory Register

Local Land Records

LIENS 2 ---------- CERCLA Lien Information

LUCIS	Land Use Control Information System
LIENS	Environmental Liens Listing
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen	RCRA - Non Generators
DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
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)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN	Bond Expenditure Plan
UIC	UIC Listing
NPDES	NPDES Permits Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
ENF	Enforcement Action Listing
HAZNET	Facility and Manifest Data
EMI	Emissions Inventory Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
HWT	Registered Hazardous Waste Transporter Database
HWP	EnviroStor Permitted Facilities Listing
FINANCIAL ASSURANCE	Financial Assurance Information Listing
2020 COR ACTION	2020 Corrective Action Program List
PRP	Potentially Responsible Parties
EPA WATCH LIST	EPA WATCH LIST
US FIN ASSUR	Financial Assurance Information
PCB TRANSFORMER	PCB Transformer Registration Database
PROC	Certified Processors Database
MWMP	Medical Waste Management Program Listing
COAL ASH DOE	Steam-Electric Plant Operation Data

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent NPL

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

An online review and analysis by AECOM of the RESPONSE list,
as provided by EDR, and dated 08/06/2012 has revealed that there is 1 RESPONSE site
within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROBERTS TIRES	***4333 MACARTHUR BOULEVAR***	***NW 1/4 - 1/2 (0.409 mi.)***	***D11***	***26***

State- and tribal - equivalent CERCLIS

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.

An online review and analysis by AECOM of the ENVIROSTOR list,
as provided by EDR, and dated 08/06/2012 has revealed that there is 1 ENVIROSTOR site
within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROBERTS TIRES	***4333 MACARTHUR BOULEVAR***	***NW 1/4 - 1/2 (0.409 mi.)***	***D11***	***26***
Status: Refer: Other Agency				

State and tribal leaking storage tank lists

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.

An online review and analysis by AECOM of the LUST list,
as provided by EDR, and dated 07/19/2012 has revealed that there are 8 LUST sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MILLS COLLEGE	***5000 MACARTHUR BLVD***	***SE 0 - 1/8 (0.048 mi.)***	***B5***	***16***
MILLS COLLEGE	***5000 MACARTHUR BLVD.***	***SE 0 - 1/8 (0.048 mi.)***	***B6***	***19***
Status: Open - Site Assessment				
EXXON #7-3894	***4868 CALAVERAS***	***ENE 1/8 - 1/4 (0.183 mi.)***	***C8***	***22***
Status: Completed - Case Closed				
93676	***4300 MACARTHUR BLVD***	***NW 1/4 - 1/2 (0.410 mi.)***	***D12***	***33***
Status: Completed - Case Closed				
ROBERTS TIRES	***4311-4333 MACARTHUR AVE***	***NW 1/4 - 1/2 (0.411 mi.)***	***D13***	***36***
Status: Open - Site Assessment				
UNOCAL SERVICE STATION #1156	***4276 MACARTHUR BLVD***	***NW 1/4 - 1/2 (0.442 mi.)***	***D14***	***40***
Status: Open - Site Assessment				
SHIVRAM SHELL	***4255 MACARTHUR***	***NW 1/4 - 1/2 (0.464 mi.)***	***E15***	***47***
Status: Open - Site Assessment				
SHELL	4255 MACARTHUR BLVD	NW 1/4 - 1/2 (0.464 mi.)	E16	51

Alameda County 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).

An online review and analysis by AECOM of the Alameda County CS list,
as provided by EDR, and dated 04/03/2012 has revealed that there are 6 Alameda County CS sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MILLS COLLEGE	***5000 MACARTHUR BLVD.***	***SE 0 - 1/8 (0.048 mi.)***	***B6***	***19***
EXXON #7-3894	***4868 CALAVERAS***	***ENE 1/8 - 1/4 (0.183 mi.)***	***C8***	***22***
93676	***4300 MACARTHUR BLVD***	***NW 1/4 - 1/2 (0.410 mi.)***	***D12***	***33***
ROBERTS TIRES	***4311-4333 MACARTHUR AVE***	***NW 1/4 - 1/2 (0.411 mi.)***	***D13***	***36***
UNOCAL SERVICE STATION #1156	***4276 MACARTHUR BLVD***	***NW 1/4 - 1/2 (0.442 mi.)***	***D14***	***40***
SHIVRAM SHELL	***4255 MACARTHUR***	***NW 1/4 - 1/2 (0.464 mi.)***	***E15***	***47***

State and tribal registered storage tank lists

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.

An online review and analysis by AECOM of the UST list,
as provided by EDR, and dated 07/19/2012 has revealed that there is 1 UST site
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MILLS COLLEGE CHILDREN'S SCHOO	*5000 MACARTHUR BLVD*	*SE 0 - 1/8 (0.048 mi.)*	*B7*	*22*

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

An online review and analysis by AECOM of the US BROWNFIELDS list,
as provided by EDR, and dated 06/25/2012 has revealed that there is 1 US BROWNFIELDS site
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REDWOOD HILL	*4856, 4862, 4868 CALAVE*	*ENE 1/8 - 1/4 (0.183 mi.)*	*C9*	*24*

Other Ascertainable Records

HIST CORTESE: 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 [CALSITES]. This listing is no longer updated by the state agency.

An online review and analysis by AECOM of the HIST CORTESE list,
as provided by EDR, and dated 04/01/2001 has revealed that there are 5 HIST CORTESE sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MILLS COLLEGE	*5000 MACARTHUR BLVD.*	*SE 0 - 1/8 (0.048 mi.)*	*B6*	*19*
EXXON #7-3894	*4868 CALAVERAS*	*ENE 1/8 - 1/4 (0.183 mi.)*	*C8*	*22*
93676	*4300 MACARTHUR BLVD*	*NW 1/4 - 1/2 (0.410 mi.)*	*D12*	*33*
UNOCAL SERVICE STATION #1156	*4276 MACARTHUR BLVD*	*NW 1/4 - 1/2 (0.442 mi.)*	*D14*	*40*
SHIVRAM SHELL	*4255 MACARTHUR*	*NW 1/4 - 1/2 (0.464 mi.)*	*E15*	*47*

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

An online review and analysis by AECOM of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 4 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO SERVICE STATION NO. 6002	6235 SEMINARY AVENUE	ESE 1/2 - 1 (0.777 mi.)	17	52
UNOCAL #6129	***3420 35TH AVE***	***NW 1/2 - 1 (0.978 mi.)***	***19***	***54***
NONE	***3432 MACARTHUR***	***NW 1/2 - 1 (0.988 mi.)***	***20***	***59***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TUNE-UP MASTERS #314	***5525 BANCROFT***	***SSW 1/2 - 1 (0.928 mi.)***	***18***	***52***

EDR PROPRIETARY RECORDS

EDR Proprietary Records

EDR Historical Auto Stations: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

An online review and analysis by AECOM of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there is 1 EDR Historical Auto Stations site within approximately 0.25 miles of the target property.

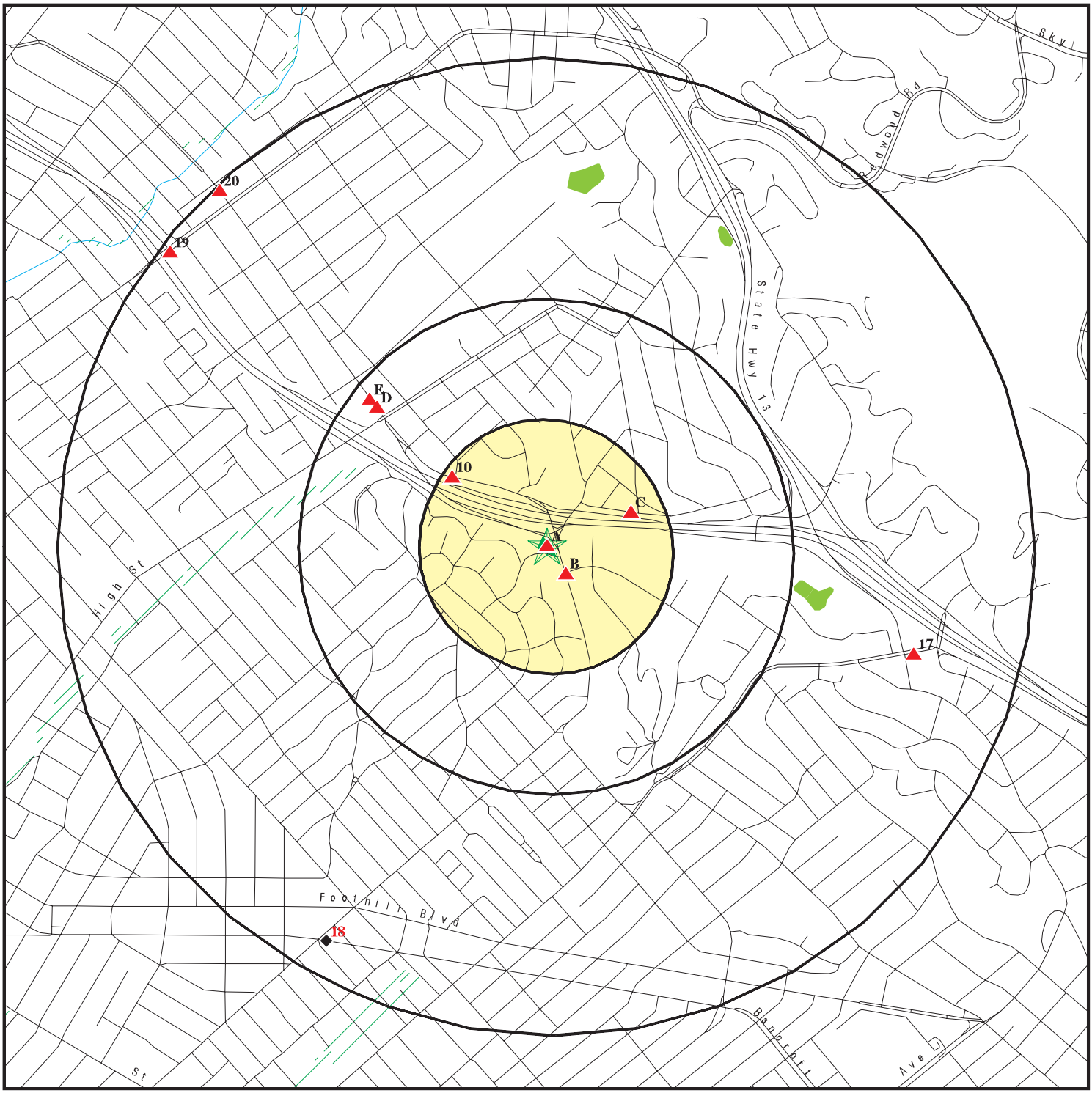
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BROWN & WILLIAMS	4494 MACARTHUR BLVD	NW 1/8 - 1/4 (0.231 mi.)	10	26

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

Site Name	Database(s)
LEONA HEIGHTS SULPHUR MINE	CERCLIS, FINDS
LAKE CHABOT LANDFILL	CERC-NFRAP
T-HANGARS, INSIDE AIRPORT OPERATIO	AST
TOSCO CORPORATION STATION #30982	HAZNET
UNITED BROTHERS ENTERPRISE INC DBA	HAZNET
ALA COUNTY STORM WATER TRTMT SYS P	RCRA-LQG
OAKLAND TERMINAL RAILWAY PROPERTY	SLIC
CYPRESS FREEWAY RECONSTRUCTION	SLIC

OVERVIEW MAP - 3410953.7s



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

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

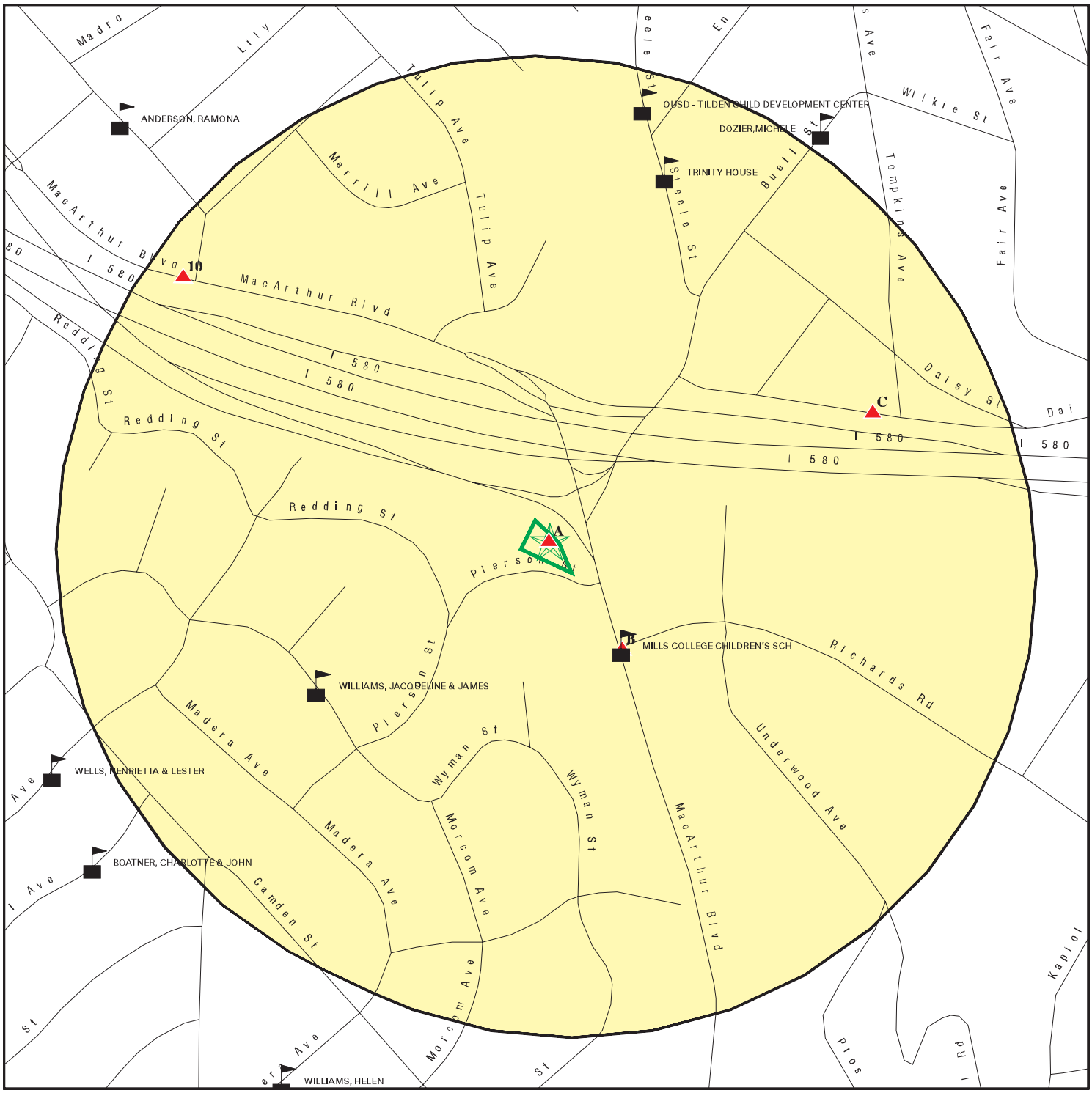
Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Chevron #351640 Former Unocal #5781	CLIENT:	AECOM
ADDRESS:	3535 Pierson Street Oakland CA 94619	CONTACT:	Chris Drabandt
LAT/LONG:	37.7835 / 122.1886	INQUIRY #:	3410953.7s
		DATE:	September 25, 2012 2:57 pm

DETAIL MAP - 3410953.7s



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

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Chevron #351640 Former Unocal #5781	CLIENT:	AECOM
ADDRESS:	3535 Pierson Street Oakland CA 94619	CONTACT:	Chris Drabandt
LAT/LONG:	37.7835 / 122.1886	INQUIRY #:	3410953.7s
		DATE:	September 25, 2012 2:58 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	1	0	NR	1
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	0	NR	1
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500	1	2	1	5	NR	NR	9

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		0	0	0	NR	NR	0
Alameda County CS	0.500	1	1	1	4	NR	NR	7
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250	1	1	0	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	1	0	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250	1	0	0	NR	NR	NR	1
HIST UST	0.250	1	0	0	NR	NR	NR	1
SWEEPS UST	0.250	1	0	0	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	TP	1	NR	NR	NR	NR	NR	1
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	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
MINES	0.250		0	0	NR	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
HIST 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	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500	1	1	1	3	NR	NR	6
Notify 65	1.000	1	0	0	0	4	NR	5
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	2	NR	NR	NR	NR	NR	2
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Historical Auto Stations	0.250		0	1	NR	NR	NR	1
EDR Historical Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **UNION OIL SS #5781** **HIST UST** **1000148398**
Target **3535 PIERSON ST** **N/A**
Property **OAKLAND, CA 94619**

Site 1 of 4 in cluster A

Actual:
153 ft.

HIST UST:

Region:	STATE
Facility ID:	00000030792
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0003
Contact Name:	JACK CHI CHAN
Telephone:	4155332439
Owner Name:	UNION OIL CO.
Owner Address:	1 CALIFORNIA ST. SUITE 2700SAN
Owner City,St,Zip:	SAN FRANCISCO, CA 94111
Tank Num:	001
Container Num:	5781-1-1
Year Installed:	1967
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	5781-2-1
Year Installed:	1967
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Tank Construction:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	5781-4-1
Year Installed:	Not reported
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	Stock Inventor

A2 **TOSCO FACILITY #5781** **UST** **U004004388**
Target **3535 PIERSON ST** **N/A**
Property **OAKLAND, CA 94619**

Site 2 of 4 in cluster A

Actual:
153 ft.

UST:

Facility ID:	120
Latitude:	37.78321
Longitude:	-122.1892

A3 **UNOCAL #5781** **HIST CORTESE** **S100179427**
Target **3535 PIERSON ST.** **LUST** **N/A**
Property **OAKLAND, CA 94619** **Alameda County CS**
SWEEPS UST
Site 3 of 4 in cluster A **CHMIRS**
Notify 65
Actual: **HAZNET**
153 ft.

CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1592

LUST:

Region:	STATE
Global Id:	T0600101467
Latitude:	37.7834009320738
Longitude:	-122.188546657562
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	05/21/1990
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	KEN
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-1592
LOC Case Number:	RO0000253
File Location:	Stored electronically as an E-file
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	December 1989 two 10,000-gallon fuel USTs, one 280-gallon waste-oil UST and associated product piping. A hole was observed in the waste-oil UST. Soil samples collected from 6 feet bgs beneath the waste-oil tank contained 8,300 ppm TPHd, 48,000 ppm TOG, 77 ppb PCE and 15 ppb 1,1,1-TCA. The groundwater sample collected contained 6.7ppb TPHd, 0.61 ppb benzene. A sewer easement is present on the site to the southwest of the waste-oil UST.

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0600101467
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cmccaulou@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0600101467
Contact Type:	Local Agency Caseworker
Contact Name:	KEITH NOWELL
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	keith.nowell@acgov.org
Phone Number:	5105676764

UNOCAL #5781 (Continued) **S100179427**

LUST:
Global Id: T0600101467
Action Type: ENFORCEMENT
Date: 10/05/2010
Action: Staff Letter - #20101005

Global Id: T0600101467
Action Type: RESPONSE
Date: 01/31/2011
Action: Soil and Water Investigation Report

Global Id: T0600101467
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0600101467
Action Type: RESPONSE
Date: 06/30/2010
Action: Site Conceptual Model

Global Id: T0600101467
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0600101467
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101467
Action Type: ENFORCEMENT
Date: 05/21/2010
Action: Staff Letter - #20100521

LUST REG 2:
Region: 2
Facility Id: 01-1592
Facility Status: Preliminary site assessment underway
Case Number: 1111
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 3/30/1990
Preliminary Site Assesment Began: 4/9/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation

UNOCAL #5781 (Continued) **S100179427**

Record Id: RO0000253
Site Contact: JAKUB, BARBARA
PE: 5602

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000253
Site Contact: JAKUB, BARBARA
PE: 5602

Status: Preliminary Site Assessment Underway
Record Id: RO0000253
Site Contact: JAKUB, BARBARA
PE: 5602

Status: Pollution Characterization
Record Id: RO0000253
Site Contact: JAKUB, BARBARA
PE: 5602

SWEEPS UST:
Status: A
Comp Number: 30792
Number: 2
Board Of Equalization: 44-000051
Ref Date: 11-12-92
Act Date: 11-22-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 5781-RU-1
Swrcb Tank Id: 01-000-030792-000001
Actv Date: 11-12-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: A
Comp Number: 30792
Number: 2
Board Of Equalization: 44-000051
Ref Date: 11-12-92
Act Date: 11-22-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 5781-SU-1
Swrcb Tank Id: 01-000-030792-000002
Actv Date: 11-12-92
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 30792
Number: 2

UNOCAL #5781 (Continued) **S100179427**

Board Of Equalization:	44-000051
Ref Date:	11-12-92
Act Date:	11-22-93
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	5781-WO-1
Swrcb Tank Id:	01-000-030792-000003
Actv Date:	11-12-92
Capacity:	600
Tank Use:	OIL
Stg:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

CHMIRS:

OES Incident Number:	'10-2252
OES notification:	4/8/2010 2:36:00 PM
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	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
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	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:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain
Spill Site:	Service Station
Cleanup By:	Unknown
Containment:	Not reported

UNOCAL #5781 (Continued) **S100179427**

What Happened:	Not reported
Type:	Not reported
Measure:	Ton(s)
Other:	Not reported
Date/Time:	1130
Year:	2010
Agency:	Mil"s' 76
Incident Date:	4/8/2010
Admin Agency:	City of Oakland Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Storm Drain
E Date:	Not reported
Substance:	Containated Soil
Quantity Released:	Not reported
BBLS:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported
Pints:	Not reported
Quarts:	Not reported
Sheen:	Not reported
Tons:	Not reported
Unknown:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
Description:	Fire inspector noticed petroleum in the storm drain possiblly coming from contaminated soil from previous owners Cooco Phillips. Equipment tested no leaks and passed the test

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:	92626

HAZNET:

Year:	2010
Gepaid:	CAL000283416
Contact:	DELONG LIU
Telephone:	5107592384
Mailing Name:	Not reported
Mailing Address:	2501 N MAIN ST
Mailing City,St,Zip:	WALNUT CREEK, CA 945970000
Gen County:	Not reported
TSD EPA ID:	CAD059494310
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

UNOCAL #5781 (Continued) **S100179427**

(H010-H129) Or (H131-H135)
Tons: 0.1815
Facility County: Alameda

Year: 2008
Gepaid: CAC002629444
Contact: DELONG LIU
Telephone: 5107592384
Mailing Name: Not reported
Mailing Address: 3535 PIERSON ST
Mailing City,St,Zip: OAKLAND, CA 94619
Gen County: Alameda
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Tank bottom waste
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.417
Facility County: Alameda

Year: 2008
Gepaid: CAL000281436
Contact: DANELLE EICHHORST
Telephone: 2812933723
Mailing Name: Not reported
Mailing Address: 600 N DAIRY ASHFORD-PO 3014A
Mailing City,St,Zip: HOUSTON, TX 77079
Gen County: Alameda
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Waste oil and mixed oil
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0342
Facility County: Alameda

Year: 2003
Gepaid: CAL000179262
Contact: HAZMAT SPECIALIST
Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Alameda
TSD EPA ID: CAD028409019
TSD County: Alameda
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Treatment, Tank
Tons: 0.22
Facility County: 1

A4 Target Property — **UNOCAL SERVICE STATION #5781**, **3535 PIERSON ST**, **OAKLAND, CA 94619**

CA FID UST **S101580185**
HAZNET **N/A**

Site 4 of 4 in cluster A

Actual: 153 ft.

CA FID UST:

Facility ID:	01001699
Regulated By:	UTNKA
Regulated ID:	00030792
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4155332439
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94619
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HAZNET:

Year:	1996
Gepaid:	CAD982057481
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	1
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Recycler
Tons:	.1417
Facility County:	1

Year:	1995
Gepaid:	CAD982057481
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	1
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Recycler
Tons:	.0834
Facility County:	1

Year:	1995
Gepaid:	CAD982057481
Contact:	UNION OIL COMPANY OF CALIFORNI

UNOCAL SERVICE STATION #5781 (Continued) **S101580185**

Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: 1
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .1584
Facility County: 1

Year: 1994
Gepaid: CAD982057481
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: 1
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: .2710
Facility County: 1

Year: 1993
Gepaid: CAD982057481
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: 7144286560
Mailing Name: Not reported
Mailing Address: PO BOX 25376
Mailing City,St,Zip: SANTA ANA, CA 927995376
Gen County: 1
TSD EPA ID: CAD009452657
TSD County: San Mateo
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Disposal, Other
Tons: .0834
Facility County: 1

Click this hyperlink while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

B5 **MILLS COLLEGE** **LUST** **U003802839**
SE **5000 MACARTHUR BLVD** **HAZNET** **N/A**
< 1/8 **OAKLAND, CA 94613** **EMI**
0.048 mi.
256 ft. **Site 1 of 3 in cluster B**

Relative:
Higher

Actual:
156 ft.

LUST REG 2:
Region: 2
Facility Id: 01-0976
Facility Status: Preliminary site assessment underway
Case Number: 3221
How Discovered: Tank Closure
Leak Cause: Structure Failure

MILLS COLLEGE (Continued) **U003802839**

Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 3/3/1989
Preliminary Site Assesment Began: 12/20/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

HAZNET:
Year: 2011
Gepaid: CAL000092591
Contact: PAT ERNESTO
Telephone: 5104302146
Mailing Name: Not reported
Mailing Address: 5000 MACARTHUR BLVD
Mailing City,St,Zip: OAKLAND, CA 946131301
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.11
Facility County: Alameda

Year: 2011
Gepaid: CAL000092591
Contact: PAT ERNESTO
Telephone: 5104302146
Mailing Name: Not reported
Mailing Address: 5000 MACARTHUR BLVD
Mailing City,St,Zip: OAKLAND, CA 946131301
Gen County: Not reported
TSD EPA ID: ARD981057870
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.033
Facility County: Alameda

Year: 2011
Gepaid: CAL000092591
Contact: PAT ERNESTO
Telephone: 5104302146
Mailing Name: Not reported
Mailing Address: 5000 MACARTHUR BLVD
Mailing City,St,Zip: OAKLAND, CA 946131301
Gen County: Not reported
TSD EPA ID: AZ0000337360
TSD County: Not reported
Waste Category: Polychlorinated biphenyls and material containing PCBs
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.75046
Facility County: Alameda

MILLS COLLEGE (Continued) **U003802839**

Year:	2011
Gepaid:	CAL000092591
Contact:	PAT ERNESTO
Telephone:	5104302146
Mailing Name:	Not reported
Mailing Address:	5000 MACARTHUR BLVD
Mailing City,St,Zip:	OAKLAND, CA 946131301
Gen County:	Not reported
TSD EPA ID:	NVT330010000
TSD County:	Not reported
Waste Category:	Unspecified alkaline solution
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.18765
Facility County:	Alameda

Year:	2011
Gepaid:	CAL000092591
Contact:	PAT ERNESTO
Telephone:	5104302146
Mailing Name:	Not reported
Mailing Address:	5000 MACARTHUR BLVD
Mailing City,St,Zip:	OAKLAND, CA 946131301
Gen County:	Not reported
TSD EPA ID:	NVT330010000
TSD County:	Not reported
Waste Category:	Latex waste
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.0834
Facility County:	Alameda

Click this hyperlink while viewing on your computer to access
100 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	17745
Air District Name:	BA
SIC Code:	8221
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
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:	.004
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	17745

MILLS COLLEGE (Continued) **U003802839**

Air District Name:	BA
SIC Code:	8221
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
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:	.004
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

B6 **MILLS COLLEGE** **HIST CORTESE** **S102433398**
SE **5000 MACARTHUR BLVD.** **LUST** **N/A**
< 1/8 **OAKLAND, CA 94619** **Alameda County CS**
0.048 mi.
256 ft. **Site 2 of 3 in cluster B**

Relative: Higher

Actual: 156 ft.

CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0976

LUST:

Region:	STATE
Global Id:	T0600100899
Latitude:	37.7804670193352
Longitude:	-122.176444530487
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	05/07/1989
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	BJJ
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-0976
LOC Case Number:	RO0000155
File Location:	Stored electronically as an E-file
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern:	Benzene, Diesel, Gasoline
Site History:	October 21, 1988 one 1,000-gallon gasoline UST was removed. 100 yd3 excavated and aerated during tank removal activities at the Corporation yard. Maximum concentrations of 16,327 mg/kg TPHg and 204 mg/kg benzene were detected in soil samples collected from beneath the UST. Soil was reported to be aerated and reused as fill in other areas of the site. On May 7, 1991, three monitoring wells were installed in the Corporation Yard area. Another small fuel UST was removed from what is currently Toyon Meadow. TPHd as detected at concentrations of up to 6,300 ppm and 250 yd3 of soil were removed and went to a Class III landfill. Subsequent sampling detected maximum concentrations of 11,00mg/kg TPHd. Groundwater samples were not collected during this investigation. However, one groundwater monitoring well was installed and sampled in 1990. The groundwater sample from Toyon Meadow was below the detection limit.

MILLS COLLEGE (Continued) **S102433398**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0600100899
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cmccaulou@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0600100899
Contact Type:	Local Agency Caseworker
Contact Name:	BARBARA JAKUB
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 HARBOR BAY PARKWAY
City:	ALAMEDA
Email:	Not reported
Phone Number:	5106391287

LUST:

Global Id:	T0600100899
Action Type:	RESPONSE
Date:	03/17/2011
Action:	Electronic Reporting Submittal Due

Global Id:	T0600100899
Action Type:	ENFORCEMENT
Date:	07/03/2008
Action:	Staff Letter - #20080703

Global Id:	T0600100899
Action Type:	ENFORCEMENT
Date:	02/14/2011
Action:	Notice of Violation - #20110214

Global Id:	T0600100899
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0600100899
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation

Global Id:	T0600100899
Action Type:	RESPONSE
Date:	04/13/2012
Action:	Soil and Water Investigation Workplan

Global Id:	T0600100899
Action Type:	RESPONSE
Date:	11/29/2011
Action:	Clean Up Fund - 5-Year Review Summary

MILLS COLLEGE (Continued) **S102433398**

Global Id: T0600100899
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100899
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600100899
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600100899
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0600100899
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0600100899
Action Type: RESPONSE
Date: 12/09/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100899
Action Type: ENFORCEMENT
Date: 12/03/2010
Action: Staff Letter - #20101203

Global Id: T0600100899
Action Type: ENFORCEMENT
Date: 12/20/2011
Action: Staff Letter - #20111220

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000155
Site Contact: JAKUB, BARBARA
PE: 5602

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000155
Site Contact: JAKUB, BARBARA
PE: 5602

Status: Preliminary Site Assessment Underway
Record Id: RO0000155
Site Contact: JAKUB, BARBARA
PE: 5602

MILLS COLLEGE (Continued) **S102433398**

Status: Pollution Characterization
Record Id: RO0000155
Site Contact: JAKUB, BARBARA
PE: 5602

B7 **MILLS COLLEGE CHILDREN'S SCHOOL** **FINDS** **1004444220**
SE **5000 MACARTHUR BLVD** **UST** **N/A**
< 1/8 **OAKLAND, CA 94613**
0.048 mi.
256 ft. **Site 3 of 3 in cluster B**

Relative: Higher

Actual: 156 ft.

FINDS:

Registry ID: 110011388122

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

UST:
Facility ID: 153
Latitude: 37.78262
Longitude: -122.18786

C8 **EXXON #7-3894** **HIST CORTESE** **S102430215**
ENE **4868 CALAVERAS** **LUST** **N/A**
1/8-1/4 **OAKLAND, CA 94619** **Alameda County CS**
0.183 mi.
967 ft. **Site 1 of 2 in cluster C**

Relative: Higher

Actual: 174 ft.

CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2209

LUST:
Region: STATE
Global Id: T0600102028
Latitude: 37.784263
Longitude: -122.185323
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/20/1997
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: JS
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-2209
LOC Case Number: RO0000703
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)

EXXON #7-3894 (Continued) **S102430215**

Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0600102028
Contact Type: Local Agency Caseworker
Contact Name: JULIET SHIN
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: Not reported
Phone Number: Not reported

Global Id: T0600102028
Contact Type: Regional Board Caseworker
Contact Name: Cherie McCaulou
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: cmccaulou@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0600102028
Action Type: REMEDIATION
Date: 01/01/1950
Action: Not reported

Global Id: T0600102028
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: 01-2209
Facility Status: Case Closed
Case Number: 1114
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 2/20/1997
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0000703

EXXON #7-3894 (Continued) **S102430215**

Site Contact: SHIN, JULIET
PE: 5602

C9 **REDWOOD HILL** **US BROWNFIELDS** **1012239561**
ENE **4856, 4862, 4868 CALAVERAS AVENUE** **FINDS** **N/A**
1/8-1/4 **OAKLAND, CA 94619**
0.183 mi.
967 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
174 ft.

US BROWNFIELDS:

Recipient name:	R9 TBA (STAG Funded)
Grant type:	TBA
Property name:	REDWOOD HILL
Property #:	037-2552-011, 037-2552-012, 037-2552-030
Parcel size:	.7
Property Description:	Not reported
Latitude:	Not reported
Longitude:	Not reported
HCM label:	Not reported
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	World Geodetic System of 1984
ACRES property ID:	102661
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	60000
Assessment funding source:	US EPA - TBA Funding
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	n/a
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	Not reported
Cleanup required:	Yes
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	Not reported
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported

REDWOOD HILL (Continued) **1012239561**

Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Y
Other contams found description:	benzene
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
Unknown found:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported

FINDS:

Registry ID: 110039536446

Environmental Interest/Information System
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

10
NW
1/8-1/4
0.231 mi.
1218 ft.

BROWN & WILLIAMS
4494 MACARTHUR BLVD
OAKLAND, CA

EDR Historical Auto Stations

1009014892
N/A

Relative:
Higher

Actual:
194 ft.

EDR Historical Auto Stations:
Name: BROWN & WILLIAMS
Year: 1943
Type: GASOLINE AND OIL SERVICE STATIONS

D11
NW
1/4-1/2
0.409 mi.
2159 ft.

ROBERTS TIRES
4333 MACARTHUR BOULEVARD
OAKLAND, CA 94619

Site 1 of 4 in cluster D

LIENS
RESPONSE
ENVIROSTOR

S107027295
N/A

Relative:
Higher

Actual:
181 ft.

LIENS:
Envirostor Id: 1550004
Latitude: 37.787003
Longitude: -122.19484
Office: Cleanup Berkeley
Project Mgr: JAYANTHA RANDENI
Project Code: 201357
If Satisfied: Satisfied
Date Satisfied: 01/23/2004
Site Status: Referred to Other Agency
Site Type: CSITES
Completed: 10/27/2003
Description: Roberts Service Gas Station began operations in the early 1940's and expanded to include tire and battery services and a body and paint shop. The California Department of Transportation acquired a portion of the property in 1961 for the construction of I-580. Another portion was deeded to the City of Oakland for the construction of MacArthur Blvd. The facility continued operations until 1996.

Envirostor Id: 1550004
Latitude: 37.787003
Longitude: -122.19484
Office: Cleanup Berkeley
Project Mgr: JAYANTHA RANDENI
Project Code: 201357
If Satisfied: Not reported
Date Satisfied: Not reported
Site Status: Referred to Other Agency
Site Type: CSITES
Completed: 12/15/2005
Description: Not reported

Envirostor Id: 1550004
Latitude: 37.787003
Longitude: -122.19484
Office: Cleanup Berkeley
Project Mgr: JAYANTHA RANDENI
Project Code: 201357
If Satisfied: Not reported
Date Satisfied: Not reported
Site Status: Referred to Other Agency
Site Type: CSITES
Completed: 05/02/2003

ROBERTS TIRES (Continued) **S107027295**

Description: Not reported

RESPONSE:

Facility ID:	01550004
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.6
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, ALAMEDA COUNTY
Lead Agency:	ALAMEDA COUNTY,SMBRP
Lead Agency Description:	ALAMEDA COUNTY
Lead Agency Description:	DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager:	Jayantha Randeni
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	201357
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	18
Senate:	09
Special Program Status:	Not reported
Status:	Refer: Other Agency
Status Date:	04/28/2005
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	37.78700
Longitude:	-122.1948
APN:	30-1982-121, 30-1982-122
Past Use:	RETAIL - SERVICE STATION
Potential COC:	30003, 30013, 30024, 30025, 3002502, 30272, 30550, 30593
Confirmed COC:	30550,30024,30025,30272,30003,30013,3002502,30593
Potential Description:	OTH, SOIL
Alias Name:	30-1982-121
Alias Type:	APN
Alias Name:	30-1982-122
Alias Type:	APN
Alias Name:	110033606989
Alias Type:	EPA (FRS #)
Alias Name:	T0600193302
Alias Type:	GeoTracker Global ID
Alias Name:	201357
Alias Type:	Project Code (Site Code)
Alias Name:	01550004
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Lien
Completed Date:	12/15/2005
Comments:	Lien recorded in the amount of $3,199.31.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	06/20/2002
Comments:	Approved the notice of exemption for the Removal Action Workplan.

ROBERTS TIRES (Continued) **S107027295**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 01/17/2002
Comments: Issued Final Determination of Non Compliance based on a meeting with the property owners where they indicated they are not financially capable of meeting the Order requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 12/11/2001
Comments: Issued an order to the property owner which requires investigation of the site related to lead contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 05/02/2003
Comments: A lien was recorded in the amount of $65,972.84.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 10/27/2003
Comments: A lien was recorded in the amount of $27,233.61.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien Satisfaction
Completed Date: 01/23/2004
Comments: Satisfaction of lien was recorded for the amounts of $65,972.84 and $27,233.61.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 11/18/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/25/2010
Comments: Final demand letter sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/29/2003
Comments: Completed RA. 60 cubic yards of lead contaminated soil was excavated and disposed off-site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/20/2002

ROBERTS TIRES (Continued) **S107027295**

Comments:	Approved RAW for the lead contamination which requires the excavation and offsite disposal.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/01/2001
Comments:	PA was completed under the PA/SI Grant. The assessment recommends further action due to high concentrations of lead (36,400 ppm) in surface soils and because there are nearby residences.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	01/24/2005
Comments:	The soil has been cleaned to residential land use levels using the Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for motor oil and diesel. About 5000 tons of soil has been excavated and disposed at a non-hazardous landfill. Therefore, DTSC has determined that no further action is necessary for the soil at the Property.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	04/28/2005
Comments:	The soil in the Property has been cleaned to residential standards for lead using 350 mg/Kg clean up level and for motor oil and diesel using the Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs). Therefore, DTSC has determined that no further action is necessary for the soil at the Property. However, groundwater at the Property is contaminated with motor oil, diesel, gasoline, benzene, toluene, ethylbenzene and xylene. DTSC is referring this Property to the County.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	05/15/2002
Comments:	Fact Sheet for Draft RAW
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	05/15/2002
Comments:	Public Notice for Draft RAW
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
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

ROBERTS TIRES (Continued) **S107027295**

ENVIROSTOR:

Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	0.6
NPL:	NO
Regulatory Agencies:	SMBRP, ALAMEDA COUNTY
Lead Agency:	ALAMEDA COUNTY,SMBRP
Program Manager:	Jayantha Randeni
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Facility ID:	01550004
Site Code:	201357
Assembly:	18
Senate:	09
Special Program:	Not reported
Status:	Refer: Other Agency
Status Date:	04/28/2005
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	Orphan Funds
Latitude:	37.78700
Longitude:	-122.1948
APN:	30-1982-121, 30-1982-122
Past Use:	RETAIL - SERVICE STATION
Potential COC:	30003, 30013, 30024, 30025, 3002502, 30272, 30550, 30593
Confirmed COC:	30550,30024,30025,30272,30003,30013,3002502,30593
Potential Description:	OTH, SOIL
Alias Name:	30-1982-121
Alias Type:	APN
Alias Name:	30-1982-122
Alias Type:	APN
Alias Name:	110033606989
Alias Type:	EPA (FRS #)
Alias Name:	T0600193302
Alias Type:	GeoTracker Global ID
Alias Name:	201357
Alias Type:	Project Code (Site Code)
Alias Name:	01550004
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Lien
Completed Date:	12/15/2005
Comments:	Lien recorded in the amount of $3,199.31.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	06/20/2002
Comments:	Approved the notice of exemption for the Removal Action Workplan.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Final Determination of Non-Compliance
Completed Date:	01/17/2002

ROBERTS TIRES (Continued) **S107027295**

Comments:	Issued Final Determination of Non Compliance based on a meeting with the property owners where they indicated they are not financially capable of meeting the Order requirements.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Imminent and/or Subst. Endangerment Determination
Completed Date:	12/11/2001
Comments:	Issued an order to the property owner which requires investigation of the site related to lead contamination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Lien
Completed Date:	05/02/2003
Comments:	A lien was recorded in the amount of $65,972.84.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Lien
Completed Date:	10/27/2003
Comments:	A lien was recorded in the amount of $27,233.61.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Lien Satisfaction
Completed Date:	01/23/2004
Comments:	Satisfaction of lien was recorded for the amounts of $65,972.84 and $27,233.61.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Notice
Completed Date:	11/18/2005
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	10/25/2010
Comments:	Final demand letter sent.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	01/29/2003
Comments:	Completed RA. 60 cubic yards of lead contaminated soil was excavated and disposed off-site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	06/20/2002
Comments:	Approved RAW for the lead contamination which requires the excavation and offsite disposal.
Completed Area Name:	PROJECT WIDE

ROBERTS TIRES (Continued) **S107027295**

Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/01/2001
Comments:	PA was completed under the PA/SI Grant. The assessment recommends further action due to high concentrations of lead (36,400 ppm) in surface soils and because there are nearby residences.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	01/24/2005
Comments:	The soil has been cleaned to residential land use levels using the Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for motor oil and diesel. About 5000 tons of soil has been excavated and disposed at a non-hazardous landfill. Therefore, DTSC has determined that no further action is necessary for the soil at the Property.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	04/28/2005
Comments:	The soil in the Property has been cleaned to residential standards for lead using 350 mg/Kg clean up level and for motor oil and diesel using the Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs). Therefore, DTSC has determined that no further action is necessary for the soil at the Property. However, groundwater at the Property is contaminated with motor oil, diesel, gasoline, benzene, toluene, ethylbenzene and xylene. DTSC is referring this Property to the County.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	05/15/2002
Comments:	Fact Sheet for Draft RAW
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	05/15/2002
Comments:	Public Notice for Draft RAW
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
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

D12 **93676** **HIST CORTESE** **S101624512**
NW **4300 MACARTHUR BLVD** **LUST** **N/A**
1/4-1/2 **OAKLAND, CA 94619** **CA FID UST**
0.410 mi. **Alameda County CS**
2163 ft. **Site 2 of 4 in cluster D** **SWEEPS UST**

Relative:
Higher

Actual:
181 ft.

CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0371

LUST:
Region: STATE
Global Id: T0600100340
Latitude: 37.7872259
Longitude: -122.194368
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/02/1999
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: ML
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-0371
LOC Case Number: RO0001094
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0600100340
Contact Type: Local Agency Caseworker
Contact Name: MADHULLA LOGAN
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: Not reported
Phone Number: Not reported

Global Id: T0600100340
Contact Type: Regional Board Caseworker
Contact Name: Cherie McCaulou
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: cmccaulou@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0600100340
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0600100340
Action Type: REMEDIATION

93676 (Continued) **S101624512**

Date: 01/01/1950
Action: Excavation

Global Id: T0600100340
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: 01-0371
Facility Status: Case Closed
Case Number: 1185
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 2/28/1989
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CA FID UST:
Facility ID: 01000499
Regulated By: UTNKI
Regulated ID: 00062485
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155319810
Mail To: Not reported
Mailing Address: 4300 MACARTHUR BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94619
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

Alameda County CS:
Status: Verificaiton Monitoring Underway
Record Id: RO0001094
Site Contact: LOGAN, MADHULLA
PE: 5602

Status: Case Closed
Record Id: RO0001094
Site Contact: LOGAN, MADHULLA
PE: 5602

93676 (Continued) **S101624512**

SWEEPS UST:

Status:	Not reported
Comp Number:	62485
Number:	Not reported
Board Of Equalization:	44-000662
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	01-000-062485-000001
Actv Date:	Not reported
Capacity:	10000
Tank Use:	UNKNOWN
Stg:	PRODUCT
Content:	Not reported
Number Of Tanks:	4

Status:	Not reported
Comp Number:	62485
Number:	Not reported
Board Of Equalization:	44-000662
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	01-000-062485-000002
Actv Date:	Not reported
Capacity:	10000
Tank Use:	UNKNOWN
Stg:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	62485
Number:	Not reported
Board Of Equalization:	44-000662
Ref Date:	Not reported
Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	01-000-062485-000003
Actv Date:	Not reported
Capacity:	5000
Tank Use:	UNKNOWN
Stg:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	62485
Number:	Not reported
Board Of Equalization:	44-000662
Ref Date:	Not reported

93676 (Continued) **S101624512**

Act Date:	Not reported
Created Date:	Not reported
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	01-000-062485-000004
Actv Date:	Not reported
Capacity:	1000
Tank Use:	UNKNOWN
Stg:	WASTE
Content:	Not reported
Number Of Tanks:	Not reported

D13 **ROBERTS TIRES** **LUST** **S107138444**
NW **4311-4333 MACARTHUR AVE.** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94619**
0.411 mi.
2171 ft. **Site 3 of 4 in cluster D**

Relative:
Higher

Actual:
181 ft.

LUST:

Region:	STATE
Global Id:	T0600193302
Latitude:	37.7866611695817
Longitude:	-122.194452881813
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	11/14/2006
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	MD
Local Agency:	Not reported
RB Case Number:	NA
LOC Case Number:	RO0002877
File Location:	Stored electronically as an E-file
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Xylene, Toluene, Diesel, Benzene, Lead, Waste Oil / Motor / Hydraulic / Lubricating, Gasoline
Site History:	In 1999, a magnetometer survey detected the presence of five metal objects, including two located in MacArthur Boulevard (near center median). Three were believed to be USTs, and uncertainty was present regarding the other two objects. The property appears to have been a service station since the 1940?s, and a brake shop between the early 1960?s and the mid 1990?s; the site is currently unoccupied. Soil bores installed in 2000 documented concentrations in groundwater up to 14,000 |g/l TPHd, 13,000 |g/l TPHg, and 4,100 |g/l benzene. No soil samples were collected. DTSC conducted a preliminary assessment in 2001 and up to 36,400 mg/kg TPHmo and 6,900 mg/kg lead was documented in soil. Soil bores installed in March 2003 documented concentrations up to 4,000 |g/l TPHd, 37,000 |g/l TPHg, and 5,800 |g/l benzene. In 2002 and 2004 DTSC required remediation of shallow soil to remove lead, TPH diesel, and TPH motor oil from soil. An approximately 100 gallon waste oil UST was removed from the ground at the site in October 2004; however, the previous 1999 geophysical survey located additional buried metallic objects both onsite and offsite in MacArthur Boulevard; all may not be USTs. The soil case received closure form DTSC on January 24, 2005 and the groundwater case was transferred to Alameda County at that time. The downgradient, lateral, and vertical extent of contamination is undefined. Additional work was requested but has not been performed. Not all historic documents for the fuel leak case are available on

ROBERTS TIRES (Continued) **S107138444**

GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0600193302
Contact Type:	Regional Board Caseworker
Contact Name:	CHUCK HEADLEE
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cheadlee@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0600193302
Action Type:	ENFORCEMENT
Date:	08/31/2011
Action:	Notice of Responsibility - #20110831
Global Id:	T0600193302
Action Type:	ENFORCEMENT
Date:	04/20/2012
Action:	Referral to Regional Board - #20120420
Global Id:	T0600193302
Action Type:	ENFORCEMENT
Date:	12/11/2006
Action:	Staff Letter - #20061211
Global Id:	T0600193302
Action Type:	ENFORCEMENT
Date:	07/03/2008
Action:	Staff Letter - #20080703
Global Id:	T0600193302
Action Type:	ENFORCEMENT
Date:	08/26/2011
Action:	Notice of Violation - #20110826
Global Id:	T0600193302
Action Type:	RESPONSE
Date:	02/09/2007
Action:	Correspondence
Global Id:	T0600193302
Action Type:	RESPONSE
Date:	06/02/2011
Action:	Correspondence
Global Id:	T0600193302
Action Type:	RESPONSE
Date:	09/14/2011
Action:	Verbal Communication

ROBERTS TIRES (Continued) **S107138444**

Global Id: T0600193302
Action Type: RESPONSE
Date: 12/19/2000
Action: Other Report / Document

Global Id: T0600193302
Action Type: RESPONSE
Date: 06/16/2011
Action: Correspondence

Global Id: T0600193302
Action Type: RESPONSE
Date: 03/30/2004
Action: Soil and Water Investigation Report

Global Id: T0600193302
Action Type: RESPONSE
Date: 11/27/2002
Action: Other Report / Document

Global Id: T0600193302
Action Type: RESPONSE
Date: 11/14/2006
Action: Soil and Water Investigation Report

Global Id: T0600193302
Action Type: RESPONSE
Date: 12/01/2004
Action: Other Report / Document

Global Id: T0600193302
Action Type: RESPONSE
Date: 03/31/2003
Action: Preliminary Site Assessment Report

Global Id: T0600193302
Action Type: RESPONSE
Date: 09/14/1999
Action: Other Report / Document

Global Id: T0600193302
Action Type: RESPONSE
Date: 11/03/2000
Action: Unknown

Global Id: T0600193302
Action Type: RESPONSE
Date: 11/03/2000
Action: Unknown

Global Id: T0600193302
Action Type: RESPONSE
Date: 11/03/2000
Action: Other Report / Document

Global Id: T0600193302
Action Type: RESPONSE

ROBERTS TIRES (Continued) **S107138444**

Date: 01/29/2007
Action: Soil and Water Investigation Workplan

Global Id: T0600193302
Action Type: RESPONSE
Date: 11/03/2000
Action: Unknown

Global Id: T0600193302
Action Type: RESPONSE
Date: 03/17/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600193302
Action Type: RESPONSE
Date: 11/18/2011
Action: Soil and Water Investigation Workplan

Global Id: T0600193302
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0600193302
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0600193302
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600193302
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600193302
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0600193302
Action Type: RESPONSE
Date: 09/30/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600193302
Action Type: ENFORCEMENT
Date: 04/24/2008
Action: Staff Letter - #20080424

Global Id: T0600193302
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

ROBERTS TIRES (Continued) **S107138444**

Global Id: T0600193302
Action Type: ENFORCEMENT
Date: 02/16/2011
Action: Notice of Violation - #20110216

Global Id: T0600193302
Action Type: RESPONSE
Date: 06/23/2008
Action: Soil and Water Investigation Report

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0002877
Site Contact: DETTERMAN, MARK
PE: 5602

Status: Pollution Characterization
Record Id: RO0002877
Site Contact: DETTERMAN, MARK
PE: 5602

D14 **UNOCAL SERVICE STATION #1156** **HIST CORTESE** **1000167201**
NW **4276 MACARTHUR BLVD** **LUST** **N/A**
1/4-1/2 **OAKLAND, CA 94619** **Alameda County CS**
0.442 mi. **HIST UST**
2333 ft. **Site 4 of 4 in cluster D** **SWEEPS UST**
HAZNET

Relative:
Higher

Actual:
181 ft.

CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2474

LUST:
Region: STATE
Global Id: T0600102279
Latitude: 37.787509
Longitude: -122.194857
Case Type: LUST Cleanup Site
Status: Open - Site Assessment
Status Date: 10/11/1999
Lead Agency: ALAMEDA COUNTY LOP
Case Worker: JTW
Local Agency: ALAMEDA COUNTY LOP
RB Case Number: 01-2474
LOC Case Number: RO0000409
File Location: Stored electronically as an E-file
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Fuel hydrocaronbs were detected in soil and groundwater during the removal and replacement of two 10,000-gallon USTs in 1998. Site investigation activities have delineated a plume of fuel hydrocarbons and oxygenates that extends southwest from the site across MacArthur Boulevard to a former Shell service station at 4255 MacArthur Boulevard. The plume from the Unocal Station at 4276 MacArthur

UNOCAL SERVICE STATION #1156 (Continued) **1000167201**

Boulevard commingles with a plume from the Shell station at 4255 MacArthur Boulevard.

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0600102279
Contact Type:	Local Agency Caseworker
Contact Name:	JERRY WICKHAM
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 HARBOR BAY PARKWAY
City:	ALAMEDA
Email:	Not reported
Phone Number:	5105676791

Global Id:	T0600102279
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cmccaulou@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0600102279
Action Type:	ENFORCEMENT
Date:	11/24/2010
Action:	Staff Letter - #20101124

Global Id:	T0600102279
Action Type:	ENFORCEMENT
Date:	01/24/2008
Action:	* NEL - #20080124

Global Id:	T0600102279
Action Type:	ENFORCEMENT
Date:	06/18/2008
Action:	* NEL - #20080618

Global Id:	T0600102279
Action Type:	RESPONSE
Date:	04/28/2008
Action:	Corrective Action Plan / Remedial Action Plan

Global Id:	T0600102279
Action Type:	RESPONSE
Date:	05/26/2010
Action:	Correspondence

Global Id:	T0600102279
Action Type:	RESPONSE
Date:	09/30/2010
Action:	Site Assessment Report

Global Id:	T0600102279
Action Type:	ENFORCEMENT

UNOCAL SERVICE STATION #1156 (Continued) **1000167201**

Date: 09/24/2008
Action: Staff Letter - #20080924

Global Id: T0600102279
Action Type: ENFORCEMENT
Date: 09/23/2008
Action: Staff Letter - #20080923

Global Id: T0600102279
Action Type: ENFORCEMENT
Date: 05/01/2009
Action: Staff Letter - #20090501

Global Id: T0600102279
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0600102279
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0600102279
Action Type: ENFORCEMENT
Date: 10/15/2009
Action: Staff Letter - #20091015

Global Id: T0600102279
Action Type: ENFORCEMENT
Date: 01/21/2009
Action: Staff Letter - #20090121

Global Id: T0600102279
Action Type: ENFORCEMENT
Date: 07/23/2009
Action: Staff Letter - #20090723

Global Id: T0600102279
Action Type: ENFORCEMENT
Date: 04/05/2010
Action: Staff Letter - #20100405

Global Id: T0600102279
Action Type: ENFORCEMENT
Date: 10/14/2009
Action: Technical Correspondence / Assistance / Other - #20091014

Global Id: T0600102279
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0600102279
Action Type: RESPONSE
Date: 03/01/2010
Action: Soil and Water Investigation Workplan

UNOCAL SERVICE STATION #1156 (Continued) **1000167201**

Global Id: T0600102279
Action Type: RESPONSE
Date: 07/29/2011
Action: Site Assessment Report

Global Id: T0600102279
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0600102279
Action Type: ENFORCEMENT
Date: 03/10/2011
Action: Staff Letter - #20110310

Global Id: T0600102279
Action Type: RESPONSE
Date: 01/24/2011
Action: Soil and Water Investigation Workplan

LUST REG 2:
Region: 2
Facility Id: 01-2474
Facility Status: Preliminary site assessment workplan submitted
Case Number: 1163
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 8/3/2000
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000409
Site Contact: WICKHAM, JERRY
PE: 5602

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000409
Site Contact: WICKHAM, JERRY
PE: 5602

Status: Preliminary Site Assessment Underway
Record Id: RO0000409
Site Contact: WICKHAM, JERRY
PE: 5602

Status: Pollution Characterization
Record Id: RO0000409

UNOCAL SERVICE STATION #1156 (Continued) **1000167201**

Site Contact: WICKHAM, JERRY
PE: 5602

HIST UST:
Region: STATE
Facility ID: 00000031731
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0003
Contact Name: CONRAD J. PELUSO
Telephone: 4155306823
Owner Name: UNION OIL CO.
Owner Address: 1 CALIFORNIA ST. SUITE 2700
Owner City,St,Zip: SAN FRANCISCO, CA 94111

Tank Num: 001
Container Num: 1156-1-1
Year Installed: 1966
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 1156-2-1
Year Installed: 1966
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 1156-4-1
Year Installed: Not reported
Tank Capacity: 00000280
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: Stock Inventor

SWEEPS UST:
Status: A
Comp Number: 301163
Number: 1
Board Of Equalization: 44-000051
Ref Date: 07-23-91
Act Date: 12-16-93
Created Date: 11-30-93
Tank Status: A
Owner Tank Id: 1156-WO-1
Swrcb Tank Id: 01-000-301163-000001
Actv Date: 11-17-92
Capacity: 300
Tank Use: OIL

UNOCAL SERVICE STATION #1156 (Continued) **1000167201**

Stg: W
Content: WASTE OIL
Number Of Tanks: 3

Status: A
Comp Number: 301163
Number: 1
Board Of Equalization: 44-000051
Ref Date: 07-23-91
Act Date: 12-16-93
Created Date: 11-30-93
Tank Status: A
Owner Tank Id: 1156-SU-1
Swrcb Tank Id: 01-000-301163-000002
Actv Date: 11-17-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 301163
Number: 1
Board Of Equalization: 44-000051
Ref Date: 07-23-91
Act Date: 12-16-93
Created Date: 11-30-93
Tank Status: A
Owner Tank Id: 1156-RU-1
Swrcb Tank Id: 01-000-301163-000003
Actv Date: 11-17-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HAZNET:
Year: 2008
Gepaid: CAL000176010
Contact: HAZMAT SPECIALIST
Telephone: 6027284180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
Mailing City,St,Zip: PHOENIX, AZ 850722085
Gen County: Alameda
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.21
Facility County: Alameda

Year: 2006
Gepaid: CAL000176010

UNOCAL SERVICE STATION #1156 (Continued) **1000167201**

Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Alameda
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Treatment, Tank
Tons:	0.14
Facility County:	1

Year:	2003
Gepaid:	CAL000176010
Contact:	HAZMAT SPECIALIST
Telephone:	6027284180
Mailing Name:	Not reported
Mailing Address:	PO BOX 52085
Mailing City,St,Zip:	PHOENIX, AZ 850722085
Gen County:	Alameda
TSD EPA ID:	CAD028409019
TSD County:	Alameda
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Treatment, Tank
Tons:	0.2
Facility County:	1

Year:	1995
Gepaid:	CAD982055428
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	1
TSD EPA ID:	CAD009452657
TSD County:	San Mateo
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Recycler
Tons:	.1668
Facility County:	1

Year:	1993
Gepaid:	CAD982055428
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	7144286560
Mailing Name:	Not reported
Mailing Address:	PO BOX 25376
Mailing City,St,Zip:	SANTA ANA, CA 927995376
Gen County:	1
TSD EPA ID:	CAD980883177
TSD County:	Kern
Waste Category:	Oil/water separation sludge
Disposal Method:	Recycler
Tons:	.8340
Facility County:	1

UNOCAL SERVICE STATION #1156 (Continued) **1000167201**

Click this hyperlink while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

E15
NW
1/4-1/2
0.464 mi.
2450 ft.

Relative:
Higher

Actual:
181 ft.

SHIVRAM SHELL
4255 MACARTHUR
OAKLAND, CA 94619

Site 1 of 2 in cluster E

HIST CORTESE **S101580146**
LUST **N/A**
CA FID UST
Alameda County CS
SWEEPS UST
HAZNET

CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1366

LUST:

Region:	STATE
Global Id:	T0600101261
Latitude:	37.7873945972143
Longitude:	-122.195219993591
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	03/15/1994
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	JTW
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-1366
LOC Case Number:	RO0000486
File Location:	Stored electronically as an E-file
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	The site is a former Shell service station located in a mixed commercial and residential area of Oakland, CA.. Various site investigation activities and groundwater monitoring have taken place since 1993.

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0600101261
Contact Type:	Local Agency Caseworker
Contact Name:	JERRY WICKHAM
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 HARBOR BAY PARKWAY
City:	ALAMEDA
Email:	Not reported
Phone Number:	5105676791

Global Id:	T0600101261
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cmccaulou@waterboards.ca.gov
Phone Number:	Not reported

SHIVRAM SHELL (Continued) **S101580146**

LUST:

Global Id:	T0600101261
Action Type:	RESPONSE
Date:	04/29/2011
Action:	Site Assessment Report
Global Id:	T0600101261
Action Type:	RESPONSE
Date:	06/06/2012
Action:	Other Workplan
Global Id:	T0600101261
Action Type:	RESPONSE
Date:	07/09/2012
Action:	Site Assessment Report
Global Id:	T0600101261
Action Type:	ENFORCEMENT
Date:	05/23/2011
Action:	Staff Letter - #20110523
Global Id:	T0600101261
Action Type:	ENFORCEMENT
Date:	09/12/2011
Action:	Staff Letter - #20110912
Global Id:	T0600101261
Action Type:	ENFORCEMENT
Date:	04/09/2012
Action:	Staff Letter - #20120409
Global Id:	T0600101261
Action Type:	RESPONSE
Date:	05/26/2010
Action:	Correspondence
Global Id:	T0600101261
Action Type:	RESPONSE
Date:	01/13/2012
Action:	Site Assessment Report
Global Id:	T0600101261
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724
Global Id:	T0600101261
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0600101261
Action Type:	ENFORCEMENT
Date:	12/13/2010
Action:	Staff Letter - #20101213
Global Id:	T0600101261

SHIVRAM SHELL (Continued) **S101580146**

Action Type: ENFORCEMENT
Date: 03/19/2009
Action: Meeting

Global Id: T0600101261
Action Type: ENFORCEMENT
Date: 10/14/2009
Action: Technical Correspondence / Assistance / Other - #20091014

Global Id: T0600101261
Action Type: RESPONSE
Date: 07/29/2011
Action: Soil and Water Investigation Workplan

CA FID UST:
Facility ID: 01001478
Regulated By: UTNKA
Regulated ID: 00067177
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4154823192
Mail To: Not reported
Mailing Address: 4255 MACARTHUR
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94619
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000486
Site Contact: WICKHAM, JERRY
PE: 5602

Status: Preliminary Site Assessment Workplan Submitted
Record Id: RO0000486
Site Contact: WICKHAM, JERRY
PE: 5602

Status: Pollution Characterization
Record Id: RO0000486
Site Contact: WICKHAM, JERRY
PE: 5602

SWEEPS UST:
Status: A
Comp Number: 67177
Number: 9
Board Of Equalization: 44-000737
Ref Date: 05-16-91

SHIVRAM SHELL (Continued) **S101580146**

Act Date:	05-16-91
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	1
Swrcb Tank Id:	01-000-067177-000001
Actv Date:	07-01-85
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	4
Status:	A
Comp Number:	67177
Number:	9
Board Of Equalization:	44-000737
Ref Date:	05-16-91
Act Date:	05-16-91
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	2
Swrcb Tank Id:	01-000-067177-000002
Actv Date:	07-01-85
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	LEADED
Number Of Tanks:	Not reported
Status:	A
Comp Number:	67177
Number:	9
Board Of Equalization:	44-000737
Ref Date:	05-16-91
Act Date:	05-16-91
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	3
Swrcb Tank Id:	01-000-067177-000003
Actv Date:	07-01-85
Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	A
Comp Number:	67177
Number:	9
Board Of Equalization:	44-000737
Ref Date:	05-16-91
Act Date:	05-16-91
Created Date:	02-29-88
Tank Status:	A
Owner Tank Id:	4
Swrcb Tank Id:	01-000-067177-000004
Actv Date:	07-01-85

SHIVRAM SHELL (Continued) **S101580146**

Capacity:	10000
Tank Use:	M.V. FUEL
Stg:	P
Content:	DIESEL
Number Of Tanks:	Not reported

HAZNET:

Year:	2011
Gepaid:	CAR000096909
Contact:	J. Traylor/ENV REPORTING ANALYST
Telephone:	7132416992
Mailing Name:	Not reported
Mailing Address:	PO Box 3127
Mailing City,St,Zip:	HOUSTON, TX 772530000
Gen County:	Not reported
TSD EPA ID:	CAD059494310
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.189
Facility County:	Alameda

E16 **SHELL** **LUST** **S105194199**
NW **4255 MACARTHUR BLVD** **N/A**
1/4-1/2 **OAKLAND, CA 94619**
0.464 mi.
2450 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
181 ft.

LUST REG 2:

Region:	2
Facility Id:	01-1366
Facility Status:	Preliminary site assessment underway
Case Number:	3769
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	7/26/1985
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 Post Remedial Action Monitoring Began:	Not reported

17
ESE
1/2-1
0.777 mi.
4100 ft.

ARCO SERVICE STATION NO. 6002
6235 SEMINARY AVENUE
OAKLAND, CA 92626

Notify 65

S100179347
N/A

Relative:
Higher

Actual:
244 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:	92626

18
SSW
1/2-1
0.928 mi.
4899 ft.

TUNE-UP MASTERS #314
5525 BANCROFT
OAKLAND, CA 94605

HIST CORTESE
LUST
Alameda County CS
Notify 65
HAZNET

1000224705
N/A

Relative:
Lower

Actual:
62 ft.

CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1507

LUST:

Region:	STATE
Global Id:	T0600101391
Latitude:	37.771325
Longitude:	-122.196807
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/24/1996
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	JS
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-1507
LOC Case Number:	RO0001192
File Location:	Stored electronically as an E-file
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0600101391
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cmccaulou@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0600101391
Contact Type:	Local Agency Caseworker
Contact Name:	JULIET SHIN
Organization Name:	ALAMEDA COUNTY LOP

TUNE-UP MASTERS #314 (Continued) **1000224705**

Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101391
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0600101391
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 2:
Region: 2
Facility Id: 01-1507
Facility Status: Case Closed
Case Number: 1126
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 9/8/1994
Oversight Program: LUST
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 Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0001192
Site Contact: SHIN, JULIET
PE: 5602

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: 92626

HAZNET:
Year: 2002
Gepaid: CAL000235828
Contact: TERRANCE CHRISTY- OWNER
Telephone: 5105337331
Mailing Name: Not reported
Mailing Address: 5848 FOOTHILL BLVD

TUNE-UP MASTERS #314 (Continued) **1000224705**

Mailing City,St,Zip:	OAKLAND, CA 946050000
Gen County:	Alameda
TSD EPA ID:	Not reported
TSD County:	Sacramento
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Transfer Station
Tons:	0.01
Facility County:	Not reported

Year:	1994
Gepaid:	CAD982003980
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	21031 VENTURA BLVD SUITE 1100
Mailing City,St,Zip:	WOODLAND HILLS, CA 913640000
Gen County:	1
TSD EPA ID:	CAD980887418
TSD County:	1
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Transfer Station
Tons:	.0834
Facility County:	1

---

19 **UNOCAL #6129** **HIST CORTESE** **S100179293**
NW **3420 35TH AVE** **LUST** **N/A**
1/2-1 **OAKLAND, CA 94619** **Alameda County CS**
0.978 mi. **SWEEPS UST**
5165 ft. **Notify 65**

Relative:
Higher

Actual:
188 ft.

CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1590

LUST:

Region:	STATE
Global Id:	T0600101465
Latitude:	37.792388494728
Longitude:	-122.202408313751
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	02/05/1990
Lead Agency:	ALAMEDA COUNTY LOP
Case Worker:	KEN
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	01-1590
LOC Case Number:	RO0000058
File Location:	Stored electronically as an E-file
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Two 10,000-gallon gasoline underground storage tanks (USTs) and one 550-gallon waste-oil UST were excavated and removed from the site September 11, 1989. The cause of the release is listed on the unauthorized release form as unknown. Maximum petroleum hydrocarbon concentrations of 690 milligrams per kilogram (mg/Kg)

UNOCAL #6129 (Continued) **S100179293**

total petroleum hydrocarbons as gasoline (TPHg) and 3.2 mg/Kg benzene were detected from initial piping soil samples collected during the tank removal. Groundwater monitoring wells were installed in December 1989 and subsequent borings and wells were installed at the site. In November 2003 a due diligence investigation discovered 2,100 |g/L MTBE in groundwater. Currently evaluating the lateral and vertical extent of contamination in coordination with the adjacent Exxon.

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0600101465
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cmccaulou@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0600101465
Contact Type:	Local Agency Caseworker
Contact Name:	KEITH NOWELL
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	keith.nowell@acgov.org
Phone Number:	5105676764

LUST:

Global Id:	T0600101465
Action Type:	RESPONSE
Date:	12/17/2009
Action:	Soil and Water Investigation Report

Global Id:	T0600101465
Action Type:	ENFORCEMENT
Date:	12/30/2008
Action:	Staff Letter - #20081230

Global Id:	T0600101465
Action Type:	RESPONSE
Date:	09/22/2008
Action:	Soil and Water Investigation Workplan

Global Id:	T0600101465
Action Type:	RESPONSE
Date:	11/06/2009
Action:	Soil and Water Investigation Report

Global Id:	T0600101465
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id: T0600101465

UNOCAL #6129 (Continued) **S100179293**

Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0600101465
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0600101465
Action Type: ENFORCEMENT
Date: 07/06/2009
Action: Staff Letter - #20090706

Global Id: T0600101465
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101465
Action Type: ENFORCEMENT
Date: 09/17/2009
Action: Staff Letter - #20090917

Global Id: T0600101465
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0600101465
Action Type: ENFORCEMENT
Date: 06/20/2008
Action: Staff Letter - #20080620

LUST REG 2:
Region: 2
Facility Id: 01-1590
Facility Status: Preliminary site assessment underway
Case Number: 518
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 12/12/1989
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0000058
Site Contact: JAKUB, BARBARA

UNOCAL #6129 (Continued) **S100179293**

PE: 5602

Status: Preliminary Site Assessment Underway
Record Id: RO0000058
Site Contact: JAKUB, BARBARA
PE: 5602

Status: Pollution Characterization
Record Id: RO0000058
Site Contact: JAKUB, BARBARA
PE: 5602

SWEEPS UST:
Status: A
Comp Number: 21124
Number: 2
Board Of Equalization: 44-000051
Ref Date: 11-18-93
Act Date: 11-22-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 6129-RU-1
Swrcb Tank Id: 01-000-021124-000001
Actv Date: 11-18-90
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 6

Status: A
Comp Number: 21124
Number: 2
Board Of Equalization: 44-000051
Ref Date: 11-18-93
Act Date: 11-22-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 6129-SU-1
Swrcb Tank Id: 01-000-021124-000002
Actv Date: 11-18-90
Capacity: 12000
Tank Use: M.V. FUEL
Stg: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 21124
Number: 2
Board Of Equalization: 44-000051
Ref Date: 11-18-93
Act Date: 11-22-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 6129-WO-1
Swrcb Tank Id: 01-000-021124-000003

UNOCAL #6129 (Continued) **S100179293**

Actv Date: 11-18-92
Capacity: 600
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: A
Comp Number: 21124
Number: 2
Board Of Equalization: 44-000051
Ref Date: 11-18-93
Act Date: 11-22-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 6129-1-1
Swrcb Tank Id: 01-000-021124-000004
Actv Date: 07-01-85
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 21124
Number: 2
Board Of Equalization: 44-000051
Ref Date: 11-18-93
Act Date: 11-22-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 6129-2-1
Swrcb Tank Id: 01-000-021124-000005
Actv Date: 07-01-85
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 21124
Number: 2
Board Of Equalization: 44-000051
Ref Date: 11-18-93
Act Date: 11-22-93
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: 6129-4-1
Swrcb Tank Id: 01-000-021124-000006
Actv Date: 07-01-85
Capacity: 550
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

UNOCAL #6129 (Continued) **S100179293**

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: 92626

20
NW
1/2-1
0.988 mi.
5219 ft.

NONE **HIST CORTESE** **S100179787**
3432 MACARTHUR **Notify 65** **N/A**
OAKLAND, CA 94602

Relative:
Higher

Actual:
226 ft.

CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0410

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: 94602

Count: 8 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OAKLAND	1010313504	ALA COUNTY STORM WATER TRTMT SYS P	ROUTE 80 KP 1.6 TO 3.5	94619	RCRA-LQG
OAKLAND	S106234893	OAKLAND TERMINAL RAILWAY PROPERTY	HWY 80/HWY 580 INTERCHANGE S O		SLIC
OAKLAND	1001404270	LEONA HEIGHTS SULPHUR MINE	END OF MCDONNELL AVE NEAR	94619	CERCLIS, FINDS
OAKLAND	A100346174	T-HANGARS, INSIDE AIRPORT OPERATIO	FIELD, OAKLAND INT AIRPORT		AST
OAKLAND	1003879523	LAKE CHABOT LANDFILL	GOLF LINKS ROAD	94605	CERC-NFRAP
OAKLAND	S106235212	CYPRESS FREEWAY RECONSTRUCTION	I-80/I-580/I-980		SLIC
OAKLAND	S103992086	TOSCO CORPORATION STATION #30982	3535 PIERSON ST	94619	HAZNET
OAKLAND	S108223686	UNITED BROTHERS ENTERPRISE INC DBA	3535 PIERSON ST	94619	HAZNET

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.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
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

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

NPL LIENS: 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: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

Federal CERCLIS list

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: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

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: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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. 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). 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.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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. 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.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

Federal ERNS list

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: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/06/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/21/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

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: 08/06/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/21/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 30

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

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: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
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: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

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: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

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: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

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: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/25/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/06/2012
Number of Days to Update: 18

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-5092
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 69

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/28/2012
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 76

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/12/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 08/06/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 30
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/21/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 02/17/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 42
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/25/2012
Date Data Arrived at EDR: 06/25/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: No Update Planned

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

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: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/19/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 07/09/2012
Date Data Arrived at EDR: 07/12/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 56
Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/16/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 34

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

HIST 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: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
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: 08/06/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/21/2012
Next Scheduled EDR Contact: 11/19/2012
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: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

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: 12/31/2011
Date Data Arrived at EDR: 02/14/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/06/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/29/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: 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

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 1990'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

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/27/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

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: 06/11/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/11/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Annually

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: 03/28/2012
Date Data Arrived at EDR: 05/01/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 24

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 49

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
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: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

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: 06/01/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
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: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Varies

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: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/20/2012
Next Scheduled EDR Contact: 12/10/2012
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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/27/2012
Next Scheduled EDR Contact: 11/12/2012
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: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 06/21/2012
Next Scheduled EDR Contact: 10/08/2012
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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/11/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/11/2012
Next Scheduled EDR Contact: 12/24/2012
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: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
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: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/31/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Biennially

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

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 12/09/2011
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 35

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/19/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
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).

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 69

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site 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 [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

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: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: No Update Planned

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: 01/19/2012
Date Data Arrived at EDR: 01/19/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 33

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 12/24/2012
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: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 11/12/2012
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: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/29/2012
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: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/24/2012
Date Data Arrived at EDR: 06/05/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 9
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: N/A

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/23/2012
Date Data Arrived at EDR: 05/24/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 43

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/31/2012
Date Data Arrived at EDR: 06/01/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/16/2012
Date Data Arrived at EDR: 07/17/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/14/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 06/01/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 24

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/19/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

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

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

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: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

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: Varies

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: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Semi-Annually

Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
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: 06/13/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/06/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
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: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 05/29/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 23

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/26/2012
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/23/2012
Date Data Arrived at EDR: 07/26/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 42

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/29/2011
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 19
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 07/24/2012
Date Data Arrived at EDR: 07/27/2012
Date Made Active in Reports: 09/14/2012
Number of Days to Update: 49
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

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: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/12/2012
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 08/02/2012
Number of Days to Update: 10
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/12/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 07/24/2012
Date Data Arrived at EDR: 07/31/2012
Date Made Active in Reports: 09/14/2012
Number of Days to Update: 45
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/23/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/29/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 24
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 24
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/14/2012
Number of Days to Update: 32
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/12/2012
Date Data Arrived at EDR: 06/13/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 23
Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 49
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/06/2012
Number of Days to Update: 18
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 04/16/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 22
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2012
Date Data Arrived at EDR: 04/17/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 21
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/22/2012
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: 05/30/2012
Date Data Arrived at EDR: 05/31/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 36
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/13/2012
Next Scheduled EDR Contact: 11/26/2012
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: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 39

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
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: 06/25/2012
Date Data Arrived at EDR: 06/27/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 34

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
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: 07/09/2012
Date Data Arrived at EDR: 07/16/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 52
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/19/2012
Date Data Arrived at EDR: 06/20/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 16
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - 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: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 06/04/2012
Date Data Arrived at EDR: 06/08/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 28
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/15/2012
Date Data Arrived at EDR: 05/15/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 10
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/18/2012
Date Data Arrived at EDR: 06/21/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 15
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/18/2012
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 03/31/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 08/09/2012
Number of Days to Update: 41

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 24

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
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: 03/30/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 42

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/24/2012
Next Scheduled EDR Contact: 12/03/2012
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: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 06/28/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 35

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/30/2012
Next Scheduled EDR Contact: 11/12/2012
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: 06/27/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 32

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/29/2012
Date Data Arrived at EDR: 07/09/2012
Date Made Active in Reports: 08/02/2012
Number of Days to Update: 24

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Annually

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: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
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: 05/01/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 36
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57
Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27
Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
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: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 2003 & 2011 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CHEVRON #351640 FORMER UNOCAL #5781
3535 PIERSON STREET
OAKLAND, CA 94619

TARGET PROPERTY COORDINATES

Latitude (North):	37.7835 - 37° 47' 0.60''
Longitude (West):	122.1886 - 122° 11' 18.96''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	571450.1
UTM Y (Meters):	4181899.2
Elevation:	153 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37122-G2 OAKLAND EAST, 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 principal 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).

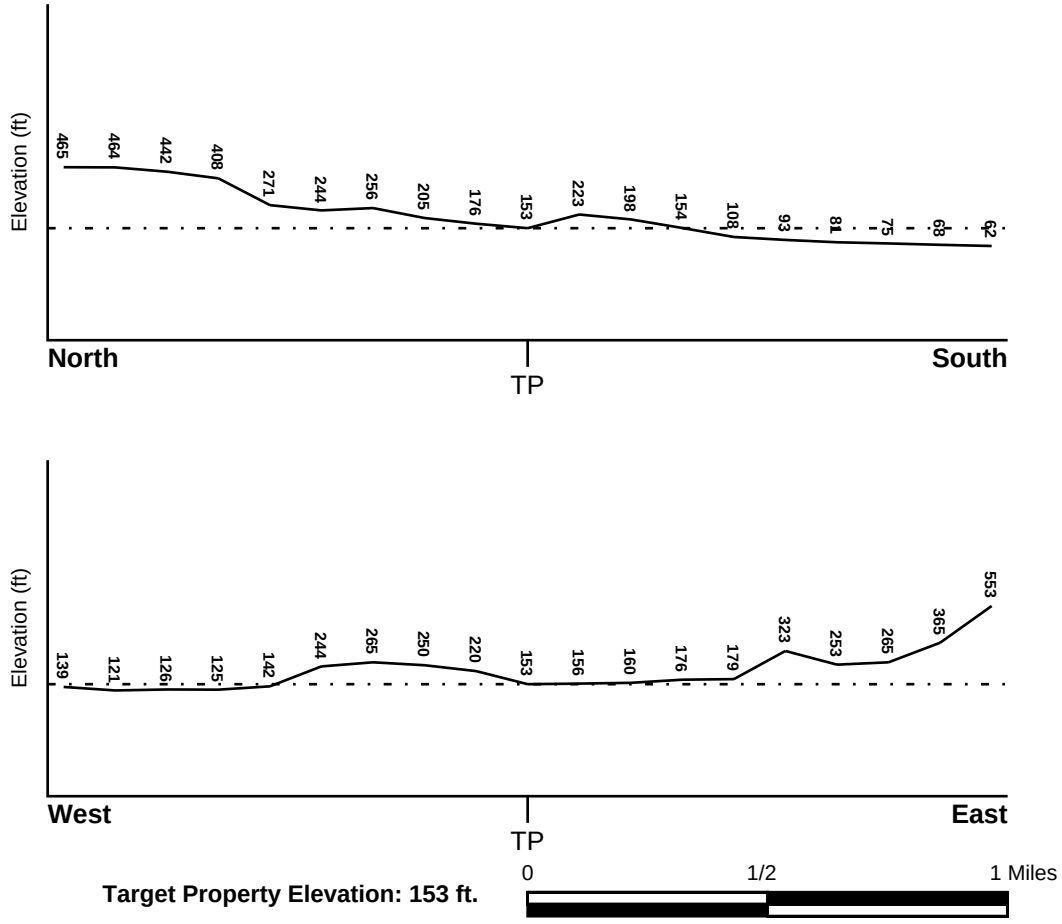
TOPOGRAPHIC INFORMATION

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 ESE

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: 06001C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
OAKLAND EAST	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
A1	0 - 1/8 Mile SW	N
A2	0 - 1/8 Mile SSE	WSW
3	1/4 - 1/2 Mile NW	NE
B4	1/2 - 1 Mile WNW	NW
B5	1/2 - 1 Mile WNW	Varies
6	1/2 - 1 Mile SSE	E
7	1/2 - 1 Mile West	NE
C8	1/2 - 1 Mile ESE	NE
C9	1/2 - 1 Mile ESE	NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
D11	1/2 - 1 Mile NW	Varies
D12	1/2 - 1 Mile NW	N

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

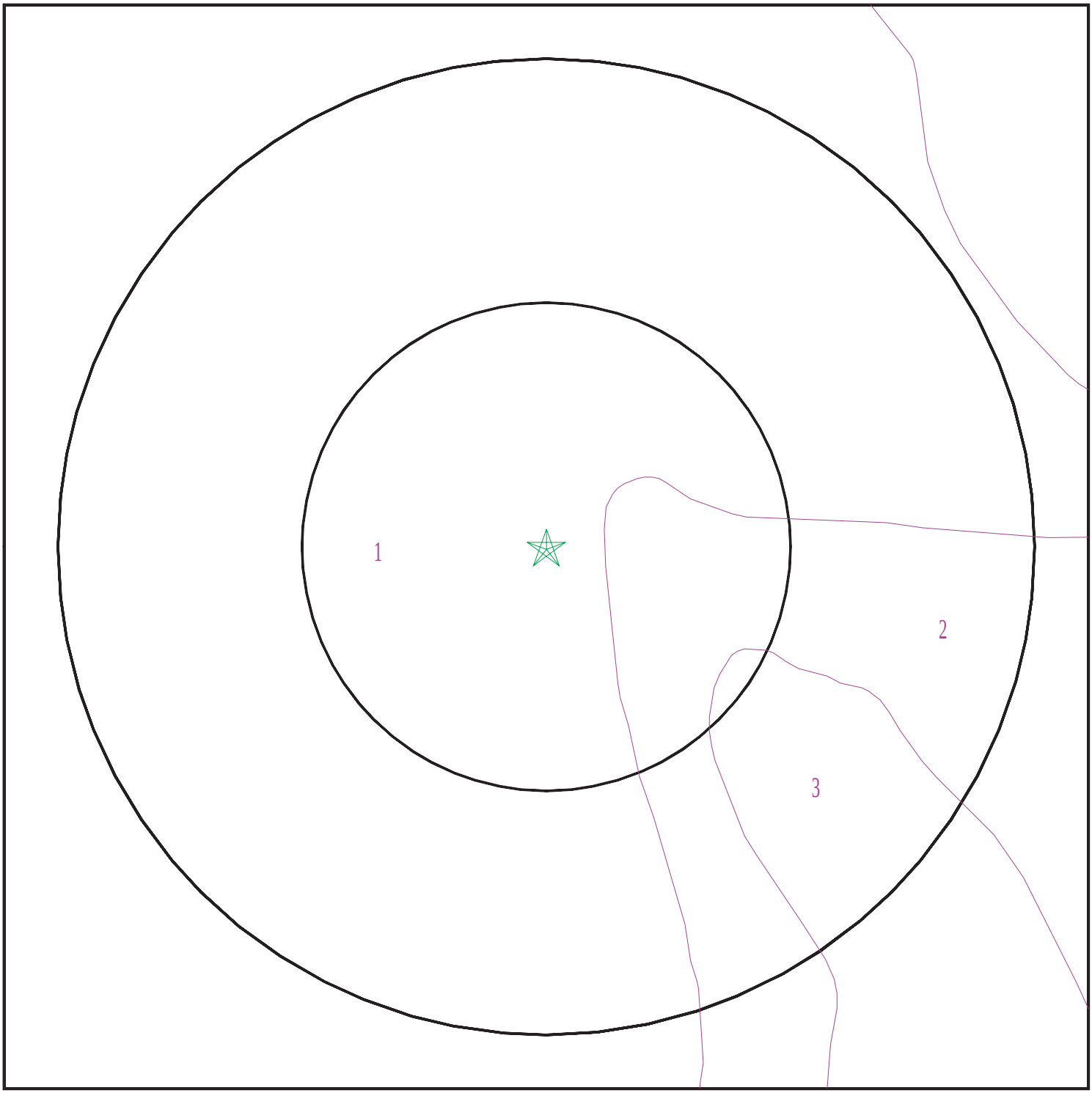
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

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 - 3410953.7s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Chevron #351640 Former Unocal #5781	CLIENT:	AECOM
ADDRESS:	3535 Pierson Street Oakland CA 94619	CONTACT:	Chris Drabandt
		INQUIRY #:	3410953.7s
LAT/LONG:	37.7835 / 122.1886	DATE:	September 25, 2012 2:58 pm

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: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Tierra

Soil Surface Texture: loam

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: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	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: 1.4 Min: 0.42	Max: 8.4 Min: 5.6
2	11 inches	31 inches	clay	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: 1.4 Min: 0.42	Max: 8.4 Min: 5.6
3	31 inches	59 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: 1.4 Min: 0.42	Max: 8.4 Min: 5.6

Soil Map ID: 3

Soil Component Name: Los Osos

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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 51 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:
2	7 inches	29 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:
3	29 inches	33 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0 Min: 0	Max: Min:

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

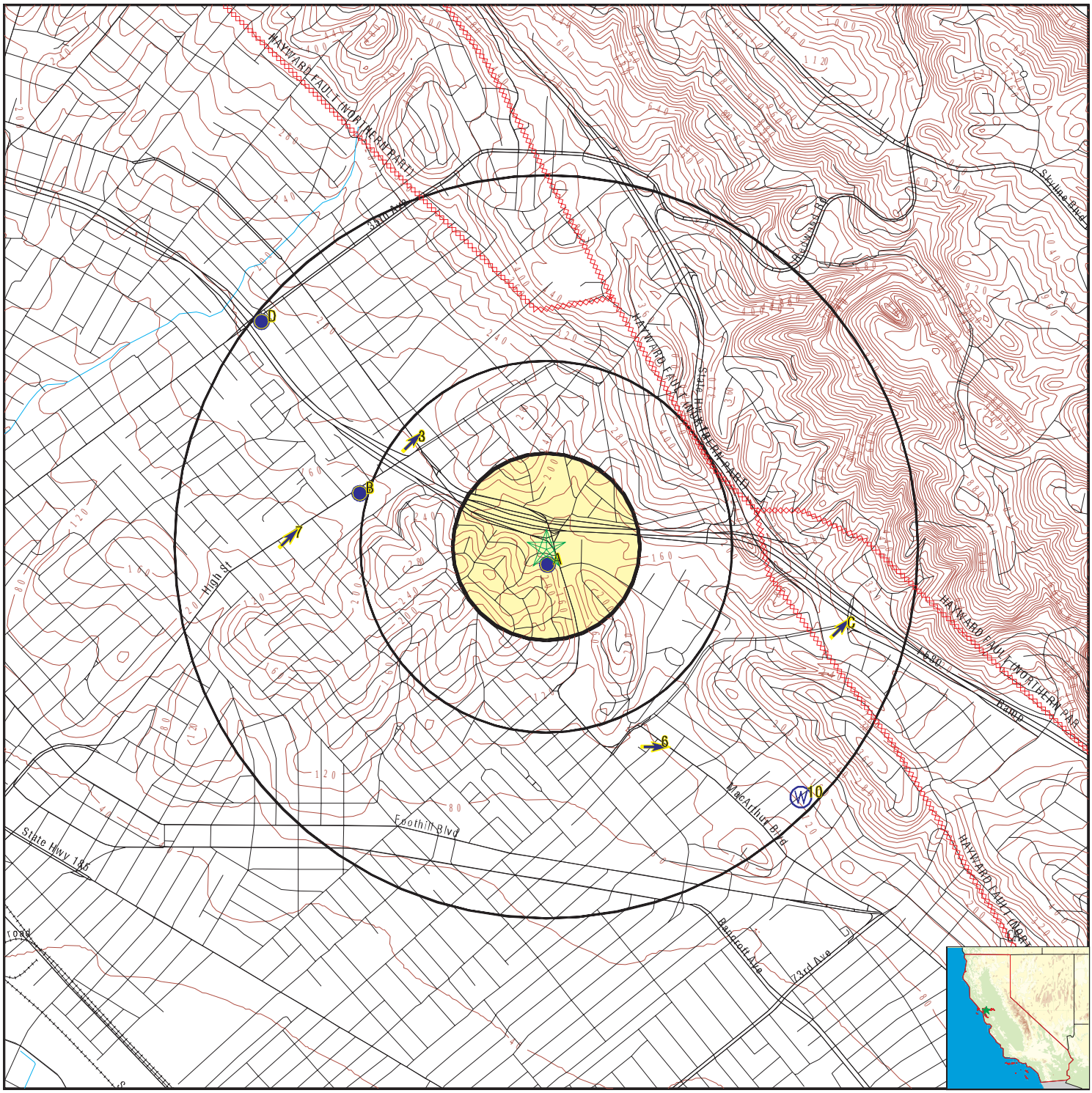
No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
10	CADW40000038381	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 3410953.7s



- 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:	Chevron #351640 Former Unocal #5781	CLIENT:	AECOM
ADDRESS:	3535 Pierson Street Oakland CA 94619	CONTACT:	Chris Drabandt
LAT/LONG:	37.7835 / 122.1886	INQUIRY #:	3410953.7s
		DATE:	September 25, 2012 2:58 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A1 **SW** **0 - 1/8 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1592 N Not Reported Not Reported 30 05/27/1997	**AQUIFLOW**	**63698**
A2 **SSE** **0 - 1/8 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0976 WSW 10 13 Not Reported 11/06/1994	**AQUIFLOW**	**67426**
3 **NW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1366 NE 8.00 20 Not Reported 06/30/1992	**AQUIFLOW**	**63795**
B4 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0996 NW 12.0 15.0 Not Reported 01/21/1997	**AQUIFLOW**	**52379**
B5 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0996 Varies 2.0 5.0 Not Reported 10/06/1986	**AQUIFLOW**	**52378**
6 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1217 E Not Reported Not Reported Not Reported 04/29/1991	**AQUIFLOW**	**65434**
7 **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0100 NE Not Reported Not Reported 12 06/14/1996	**AQUIFLOW**	**64095**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
C8 **ESE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0113 NE 6.77 15.83 Not Reported 12/30/1998	**AQUIFLOW**	**53509**
C9 **ESE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0113 NE Not Reported Not Reported 2.6 11/16/1993	**AQUIFLOW**	**53510**
10 **SE** **1/2 - 1 Mile** **Lower**			**CA WELLS**	**CADW40000038381**

Longitude: -122.175
Latiude: 37.7738
Stwellno: 02S03W10G001M
Districtco: 7
Welluseco: I
Countyco: 1
Gwcode: 200901
Site id: CADW40000038381

			Database	EDR ID Number
D11 **NW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0587 Varies Not Reported Not Reported 12 03/26/1992	**AQUIFLOW**	**63678**
D12 **NW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1590 N Not Reported Not Reported 20 05/19/1997	**AQUIFLOW**	**63666**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94619	30	0

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: 94619

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.633 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

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

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

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
Oil and Gas well locations in the state.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

STREET AND ADDRESS INFORMATION

Appendix D

Historical Soil Analytical Data

Historical Soil Analytical Data
RO0253, Unocal No.5781 (351640)
3535 Pierson St., Oakland, California

Sample ID	Date	Sample Depth (ft bgs)	TPH-D	TPH-G	TOG	TPPH	TPH-mo	BENZENE	TOLUENE	Ethyl-Benzene	Total Xylenes	MTBE	TBA	1,2-DCA	EDB	ETHANOL	DIPE	ETBE	TAME	OTHER
UST and Product Piping Samples																				
A1	12/14/1989	12.5	NA	**3.5**	NA	NA	NA	<0.05	<0.1	<0.1	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	
B1	12/14/1989	12.5	NA	<1.0	NA	NA	NA	<0.05	<0.1	<0.1	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	
A2/B2	12/14/1989	12.5	NA	**5.8**	NA	NA	NA	**0.1**	<0.1	<0.1	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	
SW1	12/14/1989	10.5	NA	**15**	NA	NA	NA	<0.05	<0.1	<0.1	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	
SW2	12/14/1989	10.5	NA	**46**	NA	NA	NA	**0.65**	<0.1	<0.1	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	
P1	12/14/1989	5.5	NA	<1.0	NA	NA	NA	<0.05	<0.1	<0.1	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	
P2	12/14/1989	6	NA	<1.0	NA	NA	NA	<0.05	<0.1	<0.1	<0.1	NA	NA	NA	NA	NA	NA	NA	NA	
WO1 (Overexcavated)	12/14/1989	6	**8,300**	**670**	**48,000**	NA	NA	**5.4**	**15**	**2.3**	**17**		NA	NA	NA	NA	NA	NA	NA	1,2-DCB (10), PCE (77), 1,1,1-TCA (15), Cr (8.3), Pb (340), Zn (70)
Over-Excavation Samples																				
WO (16) (Post Overexcavation)	2/22/1990	16	**74**	**15**	**910**	NA	NA	**0.06**	<0.10	**0.10**	**2**	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
SWA	2/22/1990	9	**1,400**	**220**	**17,000**	NA	NA	**2.3**	**2.1**	**7.3**	**23**	NA	NA	NA	NA	NA	NA	NA	NA	**PCE (160)**
SWB	2/22/1990	10	<1	**2**	<50	NA	NA	<0.05	<0.10	<0.10	**0.1**	NA	NA	NA	NA	NA	NA	NA	NA	**PCE (56); 1,1,-TCA (5.8)**
SWC	2/22/1990	10	**460**	**63**	**4,100**	NA	NA	**0.31**	**0.33**	**1.3**	**2.2**	NA	NA	NA	NA	NA	NA	NA	NA	**PCE (56)**
SWD	2/22/1990	10	**360**	**40**	**6,400**	NA	NA	**0.32**	<0.10	**0.49**	**4**	NA	NA	NA	NA	NA	NA	NA	NA	**PCE (40), 1,1,1-TCA (5.8)**
Soil Borings																				
MW1	4/9/1990	5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
MW1	4/9/1990	9.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
MW1	4/9/1990	15	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
MW1	4/9/1990	20	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
MW1	4/9/1990	25	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
MW1	4/9/1990	30	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
MW1	4/9/1990	35	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
MW1	4/9/1990	40	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
MW1	4/9/1990	45	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
MW1	4/9/1990	50	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
MW2	4/9/1990	5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW2	4/9/1990	9.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW2	4/9/1990	15	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW2	4/9/1990	20	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW2	4/9/1990	25	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW2	4/9/1990	30	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW2	4/9/1990	35	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW2	4/9/1990	39.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW3	4/10/1990	5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW3	4/10/1990	10	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW3	4/10/1990	15	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW3	4/10/1990	20	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW3	4/10/1990	25	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW3	4/10/1990	30	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW3	4/10/1990	35	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW3	4/10/1990	40	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
EB1	7/5/1990	8.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
EB1	7/5/1990	13.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
EB1	7/5/1990	18.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
EB1	7/5/1990	23.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
EB1	7/5/1990	28.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**1,1,1-TCA (6.2)**
EB2	7/6/1990	9.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
EB2	7/6/1990	12.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
EB2	7/6/1990	16.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
EB2	7/6/1990	22	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
EB2	7/6/1990	26.5	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
EB2	7/6/1990	32.0	<1.0	<1.0	ND	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	
MW-A	12/11/1990	32.5	<1.0	<1.0	**36**	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	**All HVOCs below detection limit**
SB-1	10/30/2003	35.0	<1.0	<1.0	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	ND	<0.005	<0.005	<0.1	NA	NA	NA	
SB-2	10/30/2003	15.0	<1.0	<1.0	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	ND	<0.005	<0.005	<0.1	NA	NA	NA	
SB-2	10/30/2003	50.0	<1.0	<1.0	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	ND	<0.005	<0.005	<0.1	NA	NA	NA	
SB-3	10/30/2003	15.0	**1,100**	<1.0	NA	NA	NA	<0.005	<0.005	**16**	**50**	NA	ND	<0.005	<0.005	<0.1	NA	NA	NA	

Historical Soil Analytical Data
RO0253, Unocal No.5781 (351640)
3535 Pierson St., Oakland, California

Sample ID	Date	Sample Depth (ft bgs)	TPH-D	TPH-G	TOG	TPPH	TPH-mo	BENZENE	TOLUENE	Ethyl-Benzene	Total Xylenes	MTBE	TBA	1,2-DCA	EDB	ETHANOL	DIPE	ETBE	TAME	OTHER
SB-3	10/30/2003	45.0	<1.0	<1.0	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	ND	<0.005	<0.005	<0.1	NA	NA	NA	
SB-4	10/30/2003	15.0	<1.0	<1.0	NA	NA	NA	<0.005	<0.005	<0.005	<0.005	NA	ND	<0.005	<0.005	<0.1	NA	NA	NA	
SB-5	10/30/2003	20.0	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Northwest Waste Oil Tank Pit Sampling																				
WO1	4/23/2008	9	NA	<0.25	NA	NA	NA	<0.005	<0.005	<0.005	<0.0099	<0.005	ND	<0.005	<0.005	<1.2	ND	ND	ND	All Oxys below reportring limits
WO2	4/23/2008	7	NA	<0.24	NA	NA	NA	<.0048	<0.0048	<0.0048	<0.0096	<0.0048	ND	<0.0048	<0.0048	<1.2	ND	ND	ND	All Oxys below reportring limits
WO3	4/23/2008	6.5	NA	<0.24	NA	NA	NA	<.0048	<0.0048	<0.0048	<.0095	<0.0048	ND	<0.0048	<0.0048	<1.2	ND	ND	ND	All Oxys below reportring limits
WO4	4/23/2008	6.5	NA	<0.24	NA	NA	NA	<.0048	<0.0048	<0.0048	<.0096	<0.0048	ND	<0.0048	<0.0048	<1.2	ND	ND	ND	All Oxys below reportring limits
SWC-2	3/12/2010	10.0	62	0.23	**7700**	NA	NA	<0.005	<0.005	<0.005	0.025	<0.005	ND	NA	NA	NA	ND	ND	ND	
SWC-2	3/12/2010	15.0	2.5	<0.2	<50	NA	NA	<0.005	<0.005	<0.005	<0.01	<0.005	ND	NA	NA	NA	ND	ND	ND	
SWC-2	3/12/2010	20.0	<2.0	<0.2	<50	NA	NA	<0.005	<0.005	<0.005	<0.01	<0.005	ND	NA	NA	NA	ND	ND	ND	
SWD-2	3/12/2010	10.0	270	0.58	**870**	NA	NA	<0.005	<0.005	<0.005	<0.01	<0.005	ND	NA	NA	NA	ND	ND	ND	
SWD-2	3/12/2010	15.0	<2.0	<0.2	<50	NA	NA	<0.005	<0.005	<0.005	<0.01	<0.005	ND	NA	NA	NA	ND	ND	ND	
SWD-2	3/12/2010	20.0	<2.0	<0.2	<50	NA	NA	<0.005	<0.005	<0.005	<0.01	<0.005	ND	NA	NA	NA	ND	ND	ND	
SB-6	3/12/2010	5.0	NA	<0.2	NA	NA	NA	<0.005	<0.005	<0.005	<0.01	<0.005	ND	<0.005	<0.005	<1	ND	ND	ND	
SB-6	3/12/2010	10.0	NA	<0.2	NA	NA	NA	<0.005	<0.005	<0.005	<0.01	<0.005	ND	<0.005	<0.005	<1	ND	ND	ND	
SB-6	3/12/2010	25.0	NA	<0.2	NA	NA	NA	<0.005	<0.005	<0.005	<0.01	**0.02**	ND	<0.005	<0.005	<1	ND	ND	ND	
SB-6	3/12/2010	40.0	NA	<0.2	NA	NA	NA	<0.005	<0.005	<0.005	<0.01	<0.005	ND	<0.005	<0.005	<1	ND	ND	ND	
SB-7	3/12/2010	5.0	<2.0	<0.2	<50	NA	NA	<0.005	<0.005	<0.005	<0.01	<0.005	ND	NA	NA	NA	ND	ND	ND	
SB-7	3/12/2010	10.0	<2.0	<0.2	<50	NA	NA	<0.005	<0.005	<0.005	<0.01	<0.005	ND	NA	NA	NA	ND	ND	ND	
MW-5@5'	6/3/2010	5.0	<1.0	<2.0	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
MW5@12'	6/3/2010	12.0	<1.0	<2.0	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
MW-5@15'	6/3/2010	15.0	<1.0	<2.0	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
MW-5@20'	6/3/2010	20.0	<1.0	<2.0	NA	NA	NA	<0.050	<0.050	<0.050	<0.10	<0.050	ND	<0.050	<0.050	<10	ND	ND	ND	Methanol also below reporting limit.
MW-5@24'	6/3/2010	24.0	**73**	**99**	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	**53**	ND	**0.50**	0<0.50	<250	ND	ND	ND	Methanol also below reporting limit.
SB-8@6'	6/3/2010	6.0	<1.0	**2.1**	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
SB-8@10'	6/3/2010	10.0	<1.0	<2.0	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
SB-8@15'	6/3/2010	15.0	<1.0	**2.4**	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
SB-8@20'	6/3/2010	20.0	<1.0	<2.0	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
SB-8@24'	6/3/2010	24.0	<1.0	<2.0	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
MW-4@5'	6/4/2010	5.0	<1.0	<2.0	NA	NA	NA	<0.010	<0.010	<0.010	<0.020	<0.010	ND	<0.010	<0.010	<2.0	ND	ND	ND	Methanol also below reporting limit.
MW4@10'	6/4/2010	10.0	<1.0	<2.0	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
MW-4@15'	6/4/2010	15.0	<1.0	<2.0	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	**0.0051**	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
MW-4@20'	6/4/2010	20.0	<1.0	<2.0	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
MW-4@25'	6/4/2010	25.0	<1.0	<2.0	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	ND	<0.0050	<0.0050	<1.0	ND	ND	ND	Methanol also below reporting limit.
SB-10-S-2-20150616	6/16/2015	2	<2.0	<4.0	NA	<0.20	**6.7**	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-10-S-N-5-20150616	6/16/2015	5	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-10-S-N-10-20150616	6/16/2015	10	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-10-S-N-14.5-20150616	6/16/2015	14.5	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-11-S-2-20150616	6/16/2015	2	<170	<350	NA	<0.20	**1,300**	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-11-S-N-5-20150616	6/16/2015	5	<190	<380	NA	<0.20	**2,600**	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-11-S-N-10-20150616	6/16/2015	10	**370**	<740	NA	<0.20	**6,100**	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-11-S-N-15-20150616	6/16/2015	15	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-12-S-N-2-20150616	6/16/2015	2	<2.0	<4.0	NA	<0.20	**6.1**	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-12-S-N-5-20150616	6/16/2015	5	<2.0	<4.0	NA	<0.20	**27**	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-12-S-N-10-20150616	6/16/2015	10	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-12-S-N-15-20150616	6/16/2015	15	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-13-S-N-2-20150617	6/17/2015	2	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-13-S-Y-2-20150617*	6/17/2015	2	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-13-S-N-5-20150617	6/17/2015	5	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-13-S-N-10-20150617	6/17/2015	10	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-13-S-N-12-20150617	6/17/2015	12	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-13-S-N-17-20150617	6/17/2015	17	<2.0	<4.0	NA	**8.5**	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-13-S-N-19-20150617	6/17/2015	19	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-14-S-N-2-20150617	6/17/2015	2	<10	<20	NA	<0.20	**65**	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-14-S-N-5-20150617	6/17/2015	5	<2.0	<4.0	NA	<0.20	**14**	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-14-S-N-10-20150617	6/17/2015	10	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-14-S-N-14-20150617	6/17/2015	14	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-14-S-N-16-20150617	6/17/2015	16	**3.6**	<4.0	NA	<0.20	**7.4**	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-15-S-N-2-20150616	6/16/2015	2	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	

Historical Soil Analytical Data
RO0253, Unocal No.5781 (351640)
3535 Pierson St., Oakland, California

Sample ID	Date	Sample Depth (ft bgs)	TPH-D	TPH-G	TOG	TPPH	TPH-mo	BENZENE	TOLUENE	Ethyl-Benzene	Total Xylenes	MTBE	TBA	1,2-DCA	EDB	ETHANOL	DIPE	ETBE	TAME	OTHER
SB-15-S-N-5-20150616	6/16/2015	5	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-15-S-N-10-20150616	6/16/2015	10	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-15-S-N-17.5-20150616	6/16/2015	17.5	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	
SB-15-S-N-19-20150616	6/16/2015	19	<2.0	<4.0	NA	<0.20	<4.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050	NA	NA	<1.0	<0.050	<0.050	<0.050	

Notes:
* = Duplicate sample
(ft bgs) = Feet below ground surface
All analytical results are presented in milligrams/kilogram (mg/kg)
BTEX and Oxygenate compounds analyzed by EPA Method 8260B
TPH-d, TPH-g, and TPH-mo analyzed by EPA Method 8015B/FFP
TPPH analyzed by Luft/GC/MS method
<# = Analyte not detected at or above indicated method detection limit

TPPH = Total purgeable petroleum hydrocarbons
TPH-g = Total petroleum hydrocarbons as gasoline
TPH-d = Total petroleum hydrocarbons as diesel
TPH-mo = Total petroleum hydrocarbons as motor oil
TOG= Total oil and grease
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes

MTBE = Methyl t-Butyl Ether
TBA = Tert-Butyl Alcohol
DIPE = Diisopropyl Ether
ETBE = Ethyl t-Butyl Ether
TAME = Tert-Amyl-Methyl Ether

1,2,4 =	1,2,4- Trimethylbenzene
DIPE =	Di-isopropyl ether by EPA Method 8260B
TAME =	Tertiary amyl methyl ether by EPA Method 8260B
1,2-DCA =	1,2-dichloroethane (also known as ethylene dichloride) by EPA Method 8260B
EDB =	Ethylene dibromide (also known as 1,2-dibromoethane) by EPA Method 8260B
1,1 DCB =	1,1-dichlorobromide
PCE=	tetrachloroethene
1,1,1-TCE=	1,1,1-trichloroethene
HVOCs=	Halogenated volatile organic compounds by EPA Method 8010

NA = Not analyzed
ND = Not detected (detection limit not given)

Appendix E

Groundwater Analytical Data

HISTORICAL GRAB GROUNDWATER ANALYTICAL DATA

ConocoPhillips Station No. 5781
3535 Pierson Street, Oakland, California

Sample ID	Date	TPPH (µg/L)	TPH-D (µg/L)	TPH-G (µg/L)	TOG (µg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	TAME (µg/L)	DIPE (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	ETHANOL (µg/L)	METHANOL (µg/L)
EB1	7/6/1990	NA	**6.7**	<30	ND	<0.3	**1.5**	<0.3	**1.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA
EB2	7/6/1990	NA	<50	<30	ND	**0.61**	**1.5**	<0.3	**1.0**	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-A	12/18/1990	NA	**73**	<30	ND	<0.3	<0.3	<0.3	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-1	10/30/2003	<50	NA	NA	NA	<0.05	<0.05	<0.05	<1.0	<2	<100	<2	<2	<2	<2	<2	<500	NA
SB-4	10/30/2003	<50	NA	NA	NA	<0.05	<0.05	<0.05	<1.0	<2	<100	<2	<2	<2	<2	<2	<500	NA
SB-5	10/30/2003	<50	NA	NA	**180**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SWC-2	3/12/2010	NA	**200**	<50	<5	<0.5	<0.5	<0.5	<1.0	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
SB-6	3/12/2010	NA	NA	**2,500**	NA	**160**	**310**	**110**	**690**	<2.5	<50	<2.5	<2.5	<2.5	<2.5	<2.5	<1200	NA
SB-7	3/12/2010	NA	**65**	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
SB-8	6/3/2010	NA	**99**	**73**	NA	<0.50	<0.050	<0.050	<1.0	**53**	<10	<0.50	<0.50	<0.50	**0.5**	<0.50	<250	<100
MW-4	6/24/2010	NA	<50	<50	NA	<0.50	<0.50	<0.50	<1.0	**4.7**	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<250	<100

TPPH = Total purgeable petroleum hydrocarbons
TPH-D = Total petroleum hydrocarbons as Diesel Range Organics
TPH-G= Total petroleum hydrocarbons as Gasoline Range Organics-C6-C12
TOG = Total oil and grease by method 1664
BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8260B
MTBE = Methyl tertiary butyl ether by EPA Method 8260B
TBA = Tertiary butyl alcohol by EPA Method 8260B
DIPE = Di-isopropyl ether by EPA Method 8260B
TAME = Tertiary amyl methyl ether by EPA Method 8260B
1,2-DCA = 1,2-dichloroethane (also known as ethylene dichloride) by EPA Method 8260B
EDB = Ethylene dibromide (also known as 1,2-dibromoethane) by EPA Method 8260B
Ethanol analyzed by EPA Method 8260B

ug/l = micrograms per liter
ND = not detected above the laboratory detection limit
NA = not applicable / not analyzed
Bold = detected compound concentration

EPA = Environmental Protection Agency

Table 1
Current Groundwater Monitoring Data and Analytical Results
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
MW-A	154.79	9/7/2015	18.18	136.61	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
MW-4	153.48	9/7/2015	13.18	140.30	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
MW-5	153.66	9/7/2015	16.63	137.03	0	3,800	4,100	<5.0	<5.0	130	540	
MW-6	154.62	9/7/2015	16.08	138.54	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
MW-7	155.38	9/7/2015	16.17	139.21	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
MW-8	153.71	9/7/2015	14.19	139.52	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
MW-9	153.37	9/7/2015	14.05	139.32	0	<50	<50	<0.50	<0.50	<0.50	<1.0	

NOTES:

* TOC and GWE are in feet above mean sea level

BTEX compounds analyzed by Environmental Protection Agency Method (EPA) 8260B

TPH-DRO analyzed by Leaking Underground Fueld Tank/TPHd Method with silica gel cleanup

TPH-GRO analyzed by Environmental Protection Agency Method 8015B

µg/L = Micrograms per liter

<# = Analyte not detected at or above indicated laboratory practical quantitation limit

-- = Not analyzed/applicable

B = Benzene

DTW = Depth to water

E = Ethylbenzene

ft = Feet

GWE = Groundwater elevation

ID = Identification

LNAPL = Light non-aqueous phase liquid

T = Toluene

TOC = Top of casing

TPH-DRO = Total petroleum hydrocarbons as diesel/diesel range organics

TPH-GRO = Total petroleum hydrocarbons as gasoline/gasoline range organics

X = Total xylenes

Table 2
Current Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)
MW-A	9/7/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
MW-4	9/7/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
MW-5	9/7/2015	<5.0	<100	<2,500	<5.0	<5.0	<5.0	<5.0	<5.0
MW-6	9/7/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
MW-7	9/7/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
MW-8	9/7/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50
MW-9	9/7/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50

NOTES:
Oxygenate compounds analyzed by Environmental Protection Agency Method 8260B
µg/L = Micrograms per liter
<# = Analyte not detected at or above indicated laboratory practical quantitation limit
DIPE = Diisopropyl ether
EDB = 1,2-Dibromoethane
EDC = 1,2-Dichloroethane
ETBE = Ethyl t-butyl ether
ID = Identification
MTBE = Methyl t-butyl ether
TAME = t-amyl methyl ether
TBA = t-butyl alcohol

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
MW-A	--	12/18/1990	--	--	--	73	ND	ND	ND	ND	ND	
	--	5/3/1991	--	--	--	ND	ND	ND	ND	ND	ND	
	--	8/7/1991	--	--	--	ND	ND	ND	ND	ND	ND	
	--	11/8/1991	--	--	--	ND	ND	ND	ND	ND	ND	
	151.80	2/6/1992	19.88	131.92	0	ND	ND	ND	ND	ND	ND	
	151.80	8/4/1992	18.95	132.85	0	ND	ND	ND	ND	ND	0.51	
	151.80	2/10/1993	17.71	134.09	0	ND	ND	ND	ND	ND	ND	
	151.80	2/10/1994	15.25	136.55	0	ND	ND	ND	0.52	ND	0.92	
	151.80	2/9/1995	15.68	136.12	0	ND	ND	ND	ND	ND	ND	
	151.80	2/6/1996	12.52	139.28	0	120	ND	ND	ND	ND	2.1	
	151.80	2/5/1997	13.01	138.79	0	61	ND	ND	ND	ND	ND	
	151.80	2/2/1998	11.91	139.89	0	ND	ND	ND	ND	ND	ND	
	151.80	2/22/1999	11.24	140.56	0	ND	ND	ND	ND	ND	ND	
	151.80	2/26/2000	12.16	139.64	0	ND	ND	ND	1.01	ND	ND	
	151.80	3/7/2001	11.91	139.89	0	131	ND	ND	ND	ND	ND	
	151.80	2/22/2002	14.08	137.72	0	<50	<50	<0.50	<0.50	<0.50	<0.50	
	151.80	2/22/2003	14.41	137.39	0	93	<50	<0.50	<0.50	<0.50	<0.50	
	151.80	2/3/2004	14.32	137.48	0	60	<50	<0.50	<0.50	<0.50	<0.50	
	151.80	2/18/2005	14.21	137.59	0	<50	<50	<0.50	<0.50	<0.50	<0.50	
	151.80	3/29/2006	12.72	139.08	0	<200	<50	<0.30	<0.30	<0.30	<0.60	
	151.80	3/28/2007	13.98	137.82	0	92	<50	<0.30	<0.30	<0.30	<0.60	
	151.80	3/22/2008	12.68	139.12	0	<50	<50	<0.30	<0.30	<0.30	<0.60	
	151.80	3/27/2009	14.35	137.45	0	53	<50	<0.30	<0.30	<0.30	<0.60	
	151.80	3/23/2010	19.55	132.25	0	<58	--	--	--	--	--	
	154.79	6/16/2010	17.85	136.94	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	9/29/2010	15.50	139.29	0	<1200	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	12/21/2010	14.43	140.36	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	3/10/2011	17.70	137.09	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	06/07/2011	13.92	140.87	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	08/18/2011	18.83	135.96	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	10/04/2011	14.67	140.12	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	01/24/2012	16.75	138.04	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	04/06/2012	17.14	137.65	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	07/02/2012	14.79	140.00	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	10/4/2012	17.52	137.27	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	1/23/2013	15.08	139.71	0	<50	<50	<0.50	<0.50	<0.50	<1.0	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
	154.79	4/22/2013	15.60	139.19	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	7/31/2013	16.42	138.37	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	10/17/2013	16.57	138.22	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	2/24/2014	17.33	137.46	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	4/17/2014	16.65	138.14	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	7/18/2014	18.02	136.77	0	--	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	10/21/2014	18.41	136.38	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	1/20/2015	17.95	136.84	0	<50	<50	<0.50	<0.50	<0.50	<1.0	pre-purge
	154.79	1/20/2015	--	--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	post-purge
	154.79	6/3/2015	18.70	136.09	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.79	**9/7/2015**	**18.18**	**136.61**	**0**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	
MW-4	153.48	6/16/2010	11.13	142.35	0	<50	58	<0.50	9.7	1.3	16	
	153.48	9/29/2010	12.62	140.86	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	12/21/2010	11.17	142.31	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	3/10/2011	10.57	142.91	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	06/07/2011	10.94	142.54	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	08/18/2011	12.07	141.41	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	10/04/2011	12.70	140.78	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	01/24/2012	12.40	141.08	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	04/06/2012	11.10	142.38	0	<40	390	<0.50	3.8	11	150	
	153.48	07/02/2012	12.14	141.34	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	10/4/2012	13.43	140.05	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	1/23/2013	11.64	141.84	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	4/22/2013	12.22	141.26	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	7/31/2013	13.24	140.24	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	10/17/2013	13.85	139.63	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	2/24/2014	13.06	140.42	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	4/17/2014	11.96	141.52	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	7/18/2014	12.90	140.58	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	10/21/2014	13.68	139.80	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	1/20/2015	11.98	141.50	0	<50	<50	<0.50	<0.50	<0.50	<1.0	pre-purge
	153.48	1/20/2015	--	--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	post-purge
	153.48	6/3/2015	12.42	141.06	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.48	**9/7/2015**	**13.18**	**140.30**	**0**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
MW-5	153.66	6/16/2010	11.95	141.71	0	3,000	29,000	580	6,800	850	7,200	
	153.66	9/29/2010	13.67	139.99	0	64,000	29,000	220	4,100	2,500	23,000	
	153.66	12/21/2010	11.17	142.49	0	11,000	50,000	81	4,800	2,200	22,000	
	153.66	3/10/2011	11.35	142.31	0	4,900	48,000	69	3,600	1,700	20,000	
	153.66	06/07/2011	11.45	142.21	0	3,700	40,000	32	2,300	1,500	16,000	
	153.66	08/18/2011	12.30	141.36	0	5,400	30,000	29	1,000	980	7,200	
	153.66	10/04/2011	13.72	139.94	0	20,000	42,000	21	2,400	2,400	20,000	
	153.66	01/24/2012	12.20	141.46	0	46,000	71,000	<25	1,100	1,400	10,000	
	153.66	04/06/2012	11.88	141.78	0	21,000	58,000	9.9	880	660	9,800	
	153.66	07/02/2012	12.75	140.91	0	30,000	53,000	89	590	1,000	12,000	
	153.66	10/4/2012	16.03	137.34	0.39	No Sample Collected - Free Product in Well						
	153.66	1/23/2013	12.02	141.64	0	22,000	54,000	<25	160	1,100	13,000	
	153.66	4/22/2013	12.37	141.29	0	7,600	39,000	0.70	65	330	4,500	
	153.66	7/31/2013	15.62	138.04	0	11,000	35,000	1.0	59	470	3,500	
	153.66	10/17/2013	16.41	137.25	0	<50	86,000	<10	66	770	9,300	
	153.66	2/24/2014	15.27	138.39	0	1,700	3,900	<0.50	4.5	240	1,800	
	153.66	4/17/2014	12.02	141.64	0	960	27,000	<0.50	2.5	160	1,100	
	153.66	7/18/2014	15.28	138.38	0	2,100	6,600	<0.50	0.97	84	330	
	153.66	10/21/2014	17.03	136.63	0	3,000	27,000	<0.50	40	370	2,900	
	153.66	1/20/2015	12.24	141.42	0	880	9,100	<0.50	0.65	85	400	pre-purge
	153.66	1/20/2015	--	--	--	1,800	10,000	<0.50	0.54	85	370	post-purge
	153.66	6/3/2015	14.70	138.96	0	760	5,100	<0.50	<0.50	39	120	
	153.66	**9/7/2015**	**16.63**	**137.03**	**0**	**3,800**	**4,100**	**<5.0**	**<5.0**	**130**	**540**	
MW-6	154.62	12/21/2010	12.10	142.52	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	3/10/2011	11.36	143.26	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	06/07/2011	11.33	143.29	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	08/18/2011	13.00	141.62	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	10/04/2011	14.02	140.60	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	01/24/2012	11.94	142.68	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	04/06/2012	11.39	143.23	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	07/02/2012	11.49	143.13	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	10/4/2012	16.09	138.53	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	1/23/2013	11.41	143.21	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	4/22/2013	11.43	143.19	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	7/31/2013	15.71	138.91	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	10/17/2013	16.83	137.79	0	<50	<50	<0.50	<0.50	<0.50	<1.0	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
	154.62	2/24/2014	15.22	139.40	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	4/17/2014	11.43	143.19	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	7/18/2014	14.96	139.66	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	10/21/2014	16.70	137.92	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	1/20/2015	11.61	143.01	0	<50	<50	<0.50	<0.50	<0.50	<1.0	pre-purge
	154.62	1/20/2015	--	--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	post-purge
	154.62	6/3/2015	11.76	142.86	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	154.62	**9/7/2015**	**16.08**	**138.54**	**0**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	
MW-7	155.38	12/21/2010	13.46	141.92	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	3/10/2011	12.07	143.31	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	06/07/2011	12.59	142.79	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	08/18/2011	14.37	141.01	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	10/04/2011	15.22	140.16	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	01/24/2012	15.32	140.06	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	04/06/2012	13.09	142.29	0	<49	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	07/02/2012	14.42	140.96	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	10/4/2012	16.20	139.18	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	1/23/2013	13.27	142.11	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	4/22/2013	14.30	141.08	0	<50	52	<0.50	<0.50	<0.50	<1.0	
	155.38	7/31/2013	16.30	139.08	0	Insufficient Water to Sample						
	155.38	10/17/2013	16.77	138.61	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	2/24/2014	15.33	140.05	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	4/17/2014	13.82	141.56	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	7/18/2014	15.70	139.68	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	10/21/2014	16.67	138.71	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	1/20/2015	14.13	141.25	0	<50	<50	<0.50	<0.50	<0.50	<1.0	pre-purge
	155.38	1/20/2015	--	--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	post-purge
	155.38	6/3/2015	15.13	140.25	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	155.38	**9/7/2015**	**16.17**	**139.21**	**0**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	
MW-8	153.71	12/21/2010	11.63	142.08	0	81	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	3/10/2011	11.38	142.33	0	61	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	06/07/2011	11.54	142.17	0	71	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	08/18/2011	12.47	141.24	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	10/04/2011	12.90	140.81	0	<40	<50	<0.50	<0.50	<0.50	<1.0	

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
	153.71	01/24/2012	12.52	141.19	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	04/06/2012	11.35	142.36	0	160	270	<0.50	3.7	7.8	91	
	153.71	07/02/2012	12.50	141.21	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	10/4/2012	13.89	139.82	0	<50	<50	<0.50	<0.50	<0.50	2.4	
	153.71	1/23/2013	13.06	140.65	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	4/22/2013	12.82	140.89	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	7/31/2013	13.63	140.08	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	10/17/2013	14.48	139.23	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	2/24/2014	13.56	140.15	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	4/17/2014	11.90	141.81	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	7/18/2014	13.78	139.93	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	10/21/2014	14.38	139.33	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	1/20/2015	13.28	140.43	0	<50	<50	<0.50	<0.50	<0.50	<1.0	pre-purge
	153.71	1/20/2015	--	--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	post-purge
	153.71	6/3/2015	12.88	140.83	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.71	**9/7/2015**	**14.19**	**139.52**	**0**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	
MW-9	153.37	12/21/2010	10.53	142.84	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	3/10/2011	10.86	142.51	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	06/07/2011	11.36	142.01	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	08/18/2011	12.52	140.85	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	10/04/2011	13.32	140.05	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	01/24/2012	11.23	142.14	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	04/06/2012	10.98	142.39	0	<40	340	<0.50	4.4	9	120	
	153.37	07/02/2012	12.58	140.79	0	<40	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	10/4/2012	14.31	139.06	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	1/23/2013	11.11	142.26	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	4/22/2013	12.22	141.15	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	7/31/2013	14.10	139.27	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	10/17/2013	14.56	138.81	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	2/24/2014	12.85	140.52	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	4/17/2014	11.73	141.64	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	7/18/2014	13.69	139.68	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	10/21/2014	14.32	139.05	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	1/20/2015	11.80	141.57	0	<50	<50	<0.50	<0.50	<0.50	<1.0	pre-purge
	153.37	1/20/2015	--	--	--	<50	<50	<0.50	<0.50	<0.50	<1.0	post-purge

Table 3
Historical Groundwater Monitoring Data and Analytical Results
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	TOC* (ft)	DATE	DTW (ft)	GWE* (ft)	LNAPL (ft)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	COMMENTS
	153.37	6/3/2015	13.30	140.07	0	<50	<50	<0.50	<0.50	<0.50	<1.0	
	153.37	**9/7/2015**	**14.05**	**139.32**	**0**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	

NOTES:

* TOC and GWE are in feet above mean sea level.

Free product correlates to light non-aqueous phase liquid

µg/L = Micrograms per liter

-- = Not analyzed/applicable

<# = Analyte not detected at or above indicated laboratory practical quantitation limit

B = Benzene

DTW = Depth to water

E = Ethylbenzene

ft = Feet

GWE = Groundwater elevation

ID = Identification

LNAPL = Light non-aqueous phase liquid

ND = Non-detect

T = Toluene

TPH-DRO = Total petroleum hydrocarbons as diesel/diesel range organics

TPH-GRO = Total petroleum hydrocarbons as gasoline/gasoline range organics

TOC = Top of casing

X = Total xylenes

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)	METHANOL (µg/L)	METHANE (mg/L)	FERROUS IRON (mg/L)	NITRATE (AS N) (mg/L)	SULFATE (mg/L)
MW-A	12/18/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/3/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/7/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/8/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/6/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/4/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/10/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/10/1994	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/9/1995	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/6/1996	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/5/1997	ND	--	--	--	--	--	--	--	--	--	--	--	--
	2/2/1998	ND	--	--	--	--	--	--	--	--	--	--	--	--
	2/22/1999	ND	--	--	--	--	--	--	--	--	--	--	--	--
	2/26/2000	ND	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/2001	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--
	2/22/2002	<0.50	--	--	--	--	--	--	--	--	--	--	--	--
	2/22/2003	<2.0	<100	<500	<2.0	<2.0	<2.0	<2.0	<0.50	--	--	--	--	--
	2/3/2004	<2.0	<5.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	2/18/2005	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	3/29/2006	0.54	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	3/28/2007	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	3/22/2008	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	3/27/2009	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	3/23/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/2010	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	9/29/2010	0.63	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	12/21/2010	0.65	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	3/10/2011	0.56	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	06/07/2011	0.57	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	08/18/2011	0.61	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<0.0010	140	11	69
	10/04/2011	0.72	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<0.0010	<100	13	69
	01/24/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	04/06/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	07/02/2012	0.56	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/4/2012	0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/23/2013	0.55	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/22/2013	0.59	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/31/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)	METHANOL (µg/L)	METHANE (mg/L)	FERROUS IRON (mg/L)	NITRATE (AS N) (mg/L)	SULFATE (mg/L)
	10/17/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	2/24/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/17/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/18/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/21/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	6/3/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	9/7/2015	**<0.50**	**<10**	**<250**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**--**	**--**	**--**	**--**	**--**
MW-4	6/16/2010	5.4	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	9/29/2010	7.3	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	12/21/2010	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	3/10/2011	2.2	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	06/07/2011	1.6	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	08/18/2011	4	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	0.04	<100	4.6	52
	10/04/2011	3.8	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	0.03	100	4.3	50
	01/24/2012	1.5	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	04/06/2012	2.2	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	07/02/2012	2.4	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/4/2012	1.3	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/23/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/22/2013	2.5	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/31/2013	0.95	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/17/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	2/24/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/17/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/18/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/21/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	6/3/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	9/7/2015	**<0.50**	**<10**	**<250**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**--**	**--**	**--**	**--**	**--**
MW-5	6/16/2010	<50	<1000	<25000	<50	<50	<50	<50	<50	<100	--	--	--	--
	9/29/2010	52	<1000	<25000	<50	<50	<50	<50	<50	<1000	--	--	--	--
	12/21/2010	<50	<1000	<25000	<50	<50	<50	<50	<50	<100	--	--	--	--
	3/10/2011	<50	<1000	<25000	<50	<50	<50	<50	<50	<100	--	--	--	--

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)	METHANOL (µg/L)	METHANE (mg/L)	FERROUS IRON (mg/L)	NITRATE (AS N) (mg/L)	SULFATE (mg/L)
	06/07/2011	24	150	330	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	08/18/2011	56	44	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	9.7	15,000	<0.44	<1.0
	10/04/2011	42	<250	<6,200	<12	<12	<12	<12	<12	<100	1.9	17,000	<0.44	1.3
	01/24/2012	<25	<500	<12,000	<25	<25	<25	<25	<25	--	--	--	--	--
	04/06/2012	12	<120	<3,100	<6.2	<6.2	<6.2	<6.2	<6.2	--	--	--	--	--
	07/02/2012	26	<500	<12,000	<25	<25	<25	<25	<25	--	--	--	--	--
	10/4/2012	No Sample Collected - Free Product in Well												
	1/23/2013	<25	<500	<12,000	<25	<25	<25	<25	<25	--	--	--	--	--
	4/22/2013	2.9	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/31/2013	9.8	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/17/2013	<10	<200	<5,000	<10	<10	<10	<10	<10	--	--	--	--	--
	2/24/2014	1.7	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/17/2014	1.4	310	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/18/2014	3.6	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/21/2014	7.7	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	2.2	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	2.0	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	6/3/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	9/7/2015	**<5.0**	**<100**	**<2,500**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**--**	**--**	**--**	**--**	**--**
MW-6	12/21/2010	32	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	3/10/2011	4.6	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	06/07/2011	4.3	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	08/18/2011	2.4	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	0.0027	<200	18	66
	10/04/2011	3.1	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<0.0010	100	24	78
	01/24/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	04/06/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	07/02/2012	0.56	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/4/2012	0.75	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/23/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/22/2013	0.53	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/31/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/17/2013	16	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	2/24/2014	47	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/17/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/18/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/21/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)	METHANOL (µg/L)	METHANE (mg/L)	FERROUS IRON (mg/L)	NITRATE (AS N) (mg/L)	SULFATE (mg/L)
	1/20/2015	0.83	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	6/3/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	9/7/2015	**<0.50**	**<10**	**<250**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**--**	**--**	**--**	**--**	**--**
MW-7	12/21/2010	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	3/10/2011	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	06/07/2011	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	08/18/2011	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	0.0012	<500	3.8	100
	10/04/2011	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<0.0010	<500	4.2	100
	01/24/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	04/06/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	07/02/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/4/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/23/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/22/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/30/2013	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/17/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	2/24/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/17/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/18/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/21/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	6/3/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	9/7/2015	**<0.50**	**<10**	**<250**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**--**	**--**	**--**	**--**	**--**
MW-8	12/21/2010	3.9	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	3/10/2011	2.3	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	06/07/2011	3.6	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	08/18/2011	2.1	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<0.0010	140	1.5	65
	10/04/2011	1.5	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<0.0010	190	2.8	67
	01/24/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	04/06/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	07/02/2012	1.5	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/4/2012	0.69	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/23/2013	1.0	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/22/2013	0.88	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/31/2013	0.79	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)	METHANOL (µg/L)	METHANE (mg/L)	FERROUS IRON (mg/L)	NITRATE (AS N) (mg/L)	SULFATE (mg/L)
	10/17/2013	0.78	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	2/24/2014	1.1	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/17/2014	1.1	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/18/2014	0.94	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/21/2014	2.0	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	1.4	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/20/2015	1.1	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	6/3/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	9/7/2015	**<0.50**	**<10**	**<250**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**--**	**--**	**--**	**--**	**--**
MW-9	12/21/2010	1.2	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	3/10/2011	0.90	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	06/07/2011	1.4	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	--	--	--	--
	08/18/2011	2.1	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	0.001	<500	2.7	47
	10/04/2011	2.4	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<0.0010	<200	3.2	47
	01/24/2012	1.3	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	04/06/2012	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	07/02/2012	2.0	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/4/2012	1.3	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	1/23/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/22/2013	0.83	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/31/2013	1.8	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/17/2013	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	2/24/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	4/17/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	7/18/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	10/21/2014	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
pre-purge	1/20/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
post-purge	1/20/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	6/3/2015	<0.50	<10	<250	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
	9/7/2015	**<0.50**	**<10**	**<250**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**--**	**--**	**--**	**--**	**--**

Table 4
Historical Groundwater Analytical Results - Oxygenate Compounds
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	DATE	MTBE (µg/L)	TBA (µg/L)	ETHANOL (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	EDB (µg/L)	EDC (µg/L)	METHANOL (µg/L)	METHANE (mg/L)	FERROUS IRON (mg/L)	NITRATE (AS N) (mg/L)	SULFATE (mg/L)

NOTES:

Free product correlates to light non-aqueous phase liquid

µg/L = Micrograms per liter

<# = Analyte not detected at or above indicated laboratory practical quantitation limit

-- = Not analyzed/applicable

DIPE = Diisopropyl ether

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

ETBE = Ethyl t-butyl ether

ID = Identification

mg/L = Milograms per liter

MTBE = Methyl t-butyl ether

ND = Non-detect

TAME = t-amyl methyl ether

TBA = t-butyl alcohol

Table 5
Additional Historical Analytical Results
Unocal No. 5781 (351640)
3535 Pierson Street
Oakland, California

WELL ID	DATE	DICHLORO-dIFLUORO-METHANE (µg/L)	1,1-DCA (µg/L)	1,1-DCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	1,2-DICHLORO-PROPANE (µg/L)	cis-1,3-DICHLORO-PROPANE (µg/L)
MW-A	2/3/2004	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	2/18/2005	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3/29/2006	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3/28/2007	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3/22/2008	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3/27/2009	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

WELL ID	DATE	1,1,2,2-TETRACHLORO-ETHANE (µg/L)	TETRACHLORO-ETHENE (µg/L)	TRICHLORO-TRIFLUORO-ETHANE (µg/L)	1,1,1-TRICHLORO-ETHANE (µg/L)	1,1,2-TRICHLORO-ETHANE (µg/L)	TRICHLORO-ETHENE (µg/L)	TRICHLORO-FLUORO-METHANE (µg/L)	VINYL CHLORIDE (µg/L)
MW-A	2/3/2004	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
	2/18/2005	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
	3/29/2006	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3/28/2007	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3/22/2008	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3/27/2009	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

NOTES:

µg/L = Micrograms per liter

ID = Identification

ND<# = Analyte not detected at or above indicated laboratory practical quantitation limit