



**Shell Oil Products US**

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8:49 am, Apr 20, 2010

Alameda County  
Environmental Health

April 19, 2010

**Re: Soil Vapor Gas Investigation Report**  
Former Shell-Branded Service Station  
15275 Washington Avenue  
San Leandro, California

Dear Mr. Jerry Wickham:

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,  
Shell Oil Products US

A handwritten signature in black ink, appearing to read "Denis L. Brown", with a long horizontal flourish extending to the right.

Denis L. Brown  
Project Manager

April 19, 2010  
Delta Project SCA152751D  
SAP: 129460

Mr. Jerry Wickham  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**RE: FIRST QUARTER 2010 SOIL GAS INVESTIGATION REPORT**  
Former Shell-Branded Service Station  
15275 Washington Avenue  
San Leandro, California

Dear Mr. Wickham:

On behalf of Equilon Enterprises LLC *dba* Shell Oil Products US (Shell), Delta Consultants (Delta) has prepared this *First Quarter 2010 Soil Gas Investigation Report* for work completed at the site referenced above. Delta conducted soil gas sampling following the installation of vapor wells. The vapor wells were constructed in accordance with the work plan dated May 29, 2009 and approved by Alameda County Health Care Services Agency (ACHCSA) in a letter dated November 3, 2009 (Appendix A).

### **SITE DESCRIPTION AND BACKGROUND**

The subject site is located on the northwest corner of the intersection of Washington Avenue and Lewelling Boulevard in San Leandro (Figure 1). The area is a mix of residential (predominantly multi-family units) and commercial properties. A mobile home park is directly adjacent the site to the west. An Arco service station is still in operation across Lewelling Boulevard at the southwest corner of the intersection, and is currently an open leaking underground fuel tank (LUFT) case. The subject site, formerly a Shell-branded service station, is currently an automotive emission testing facility (*Speedy Smog Check*), with a tire service center (*Big O Tires*) to the immediate north. Site details are shown on Figure 2. Soil vapor samples have been collected previously on and near the site in 1988, 1997, 2008 and 2009.

### **HISTORICAL LAND USE**

Delta obtained an Environmental Data Resource (EDR) report in order to assess and evaluate the environmental risk associated with the adjacent property at 747 Lewelling Boulevard, San Leandro. Aerial photographs dated from 1939 to 2005 indicate the area did not begin development until between 1946 and 1958. The aerial photograph from 1946 displays structures or trailers on the target property. The EDR report identifies the target property as Salel Automotive Services, and identified four underground storage tanks



a member of:



(USTs) associated with the site, two 5,000-gallon unleaded fuel tanks, one 7,500-gallon premium fuel tank, and one 8,000-gallon diesel fuel tank. The LUFT case was opened in 1985 and the tanks were reportedly removed in 1987. The report indicates the tanks are owned by Shell, and the four USTs removed in 1987 under the supervision of Kaprealian Engineering, Inc. matched the size of those tanks but did not indicate what type of fuel each held historically. A review of the Sanborn library produced no fire insurance maps for the neighboring property (747 Lewelling). A copy of the EDR report is included as Appendix B.

There are several LUFT sites within one-quarter mile of the site, one to the north (up gradient), two to the east (cross gradient), and one to the south (down gradient).

## **VAPOR WELL INSTALLATION**

Nine soil vapor gas (SVG) wells were installed on the subject site and the adjacent property (Salel's Mobile Home Park). The vapor wells were installed using an air knife to a total depth of 8 feet below ground surface (bgs) (vapor wells SVG-1 through SVG-3) and 8.5 feet bgs (SVG-4 through SVG-9). Delta marked the location of each proposed soil vapor boring and contacted Underground Service Alert a minimum of 48 hours prior to drilling. In addition, a utility locating contractor was utilized to perform a geophysical survey of the proposed boring locations. The nested wells were constructed using 0.25-inch diameter Teflon<sup>®</sup> tubing and probes with a 3-inch long steel screen. A 1-inch diameter Polyvinyl chloride (PVC) casing screened from 7 to 8 feet bgs with 0.010-inch machine-slotted well screen was installed within the vapor wells in order to take soundings to determine whether groundwater elevations are impacting the deeper vapor wells. The vapor wells have probes set at 3 feet, 5 feet, and 7.5 feet bgs. The annular space of each probe consists of one to 1.5 foot of sand pack (#2/12 Monterey silica sand) overlain by dry granular bentonite, followed by hydrated bentonite grout. The wells are topped with concrete from 0.5 to 1 foot bgs and capped with an 8 inch diameter well box. Well construction details are provided on Figures 3A and 3B, and the location of the vapor wells is shown on Figure 2. RSI Drilling of Woodland, California was the drilling contractor used for the work (C57 License # 802334). All waste generated during installation of the vapor wells (construction debris and non-hazardous soil) was transported offsite by Belshire Environmental and properly disposed of at a Shell-approved landfill. Department of Water Resources Well Completion Reports were prepared and submitted for each well; copies are included as Appendix C.

## **SOIL VAPOR GAS INVESTIGATION**

The following sections describe work that was completed during soil gas sample collection conducted on March 18, 2010. The well locations were selected in order evaluate potential vapor intrusion concerns at the site and adjacent property. Delta collected soil gas samples from all nine wells, SVG-1 through SVG-9, indicated on Figure 2. Soil gas samples were collected from two discrete depths, 3 feet bgs and 5 feet bgs, at each well location with the exception of SVG-4 and SVG-7, which had groundwater in the annual well space at 5 feet. Delta was unable to collect any samples from the 7.5 foot vapor probes due to the seasonal high groundwater elevation. All samples were collected in accordance with the approved work plan and Department of Toxic Substance Control (DTSC) guidance documents. Guidelines for soil gas collection using Tedlar<sup>®</sup> bags are provided as Appendix D.

## **Prefield Activities**

Delta obtained the necessary drilling and installation permit from the Alameda County Public Works Agency (Appendix E).

## **Leak Test**

Delta field staff continually applied a vapor leak tracer compound, isopropanol (IPA) during sample collection in order to evaluate the integrity of the sample collection system. IPA was applied to cotton swabs and then placed in the vicinity of all tubing joints within the sampling system. The laboratory analytical results for IPA were used to determine the air-tightness of the sampling system. Tracer gas results are included in Table 1.

## **Vapor Purging**

Prior to sample collection, the pump was turned on and three casing volumes of air from the sample tubing (dead air volume) was purged in order to remove stagnant vapor from within the sample tubing and equipment with minimal subsurface air influence, in accordance with DTSC guidelines. The purge time for one casing volume was calculated based on the length and diameter of the tubing and the flow rate, preset by the laboratory at an average of 200 milliliters/minute. Upon completion of purging, the pump was turned off.

## **Soil Vapor Gas Sample Collection**

Samples were collected following the completion of leak testing and purging. During sample collection, a Tedlar® bag was attached inside a Pelican® 1200 case that is air and water tight. Connectors extending from either side of the airtight case connect at one end to a pump set at a flow rate of approximately 200 milliliters per minute, and connect at the other end to Teflon tubing connected to the soil gas probe. After turning on the pump, the soil vapors were collected. When the Tedlar® bag was filled to capacity, the pump was turned off and the valve to the Tedlar® bag was closed. Approximately one liter of soil gas was collected from each vapor probe location. Delta was unable to obtain soil gas samples from the following locations due to high groundwater elevations: 7.5-foot samples at all well locations, SVG-4 (5'), and SVG-7 (5').

## **Soil Vapor Gas Analytical Results**

Tedlar® sample bags were submitted within 24 hours of sample collection to Calscience Environmental Laboratories, Inc., a California state-certified laboratory, under proper chain-of-custody documentation. Samples were analyzed for total petroleum hydrocarbon calculated as gasoline (TPH-g), benzene, toluene, ethylbenzene and total xylenes (BTEX compounds), methyl tert-butyl ether (MTBE), tert-butyl alcohol (TBA) and the leak test compound IPA by EPA Method 8260, and for carbon dioxide and oxygen by ASTM D-1946. Vapor results from the latest sampling event were compared to Table E-2, shallow soil gas screening levels for evaluation of potential vapor intrusion concerns, from the Interim Final *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, issued November 2007 by the California Regional Water Quality Control Board, San Francisco Bay Region. A TPH-g isoconcentration map showing all concentrations of TPH-g is included on Figure 4. Certified analytical reports with chain-of-custody documentation are included as Appendix F, with results expressed in parts per million by volume (ppmv) as well as in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). Historical soil vapor analytical results are included as Appendix G and the Table E-2 environmental screening levels (ESLs) are included as Appendix H.

Soil vapor gas analytical results for all compounds are summarized in Table 1. A review of the soil gas results concludes the following:

- Petroleum hydrocarbons were detected in all of the soil gas samples. TPH-g was detected at concentrations ranging from 28,000 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) to 110,000,000  $\mu\text{g}/\text{m}^3$ . All reported concentrations except SVG-4 (3') were above both the lowest residential and commercial environmental screening levels (ESLs) of 10,000 and 29,000  $\mu\text{g}/\text{m}^3$ , respectively. A TPH-g isoconcentration map is included on Figure 4; it indicates that the center of the soil gas plume is offsite in the vicinity of vapor well SVG-6, in close proximity to monitoring well S-9 which is the remaining focus of persistent groundwater contamination.
- Benzene was detected in only one sample, SVG-2 (3'), at a concentration of 21,000  $\mu\text{g}/\text{m}^3$ ; all other samples reported no detectable concentration at detection limits ranging from 16 to 130,000  $\mu\text{g}/\text{m}^3$  (the reporting limit is elevated by dilution for certain samples due to high levels of non-target hydrocarbons).
- Oxygenates MTBE and TBA were not detected in any samples.
- The tracer compound IPA was detected in only two soil gas samples, SVG-4 (3') and SVG-8 (5'), at concentrations of 100  $\mu\text{g}/\text{m}^3$  and 210  $\mu\text{g}/\text{m}^3$  respectively, which fall within an acceptable range.

In addition to the contaminant and tracer analyses, samples were collected for biogenic gases carbon dioxide ( $\text{CO}_2$ ) and oxygen ( $\text{O}_2$ ) in order to evaluate vertical attenuation and determine whether the subsurface environment in relation to existing areas of contamination is aerobic or anaerobic. Bacteria that attack hydrocarbons generate carbon dioxide under aerobic conditions and methane under anaerobic conditions. Not only do bacterial activities occur, but percent levels of carbon dioxide and methane are often generated. These biogenic gases are often the largest magnitude components in the entire soil gas mixture. In general, the longer the pollution is present in the subsurface environment, the higher are these biogenic gas levels. Carbon dioxide is generated by the biodegradation of all types of organic materials; the presence of a concentrated petroleum source such as gasoline, diesel, kerosene, etc., causes a concentrated buildup of carbon dioxide in the subsurface. Carbon dioxide is generated at the top, edges, and possibly the bottom of the contaminant mass where oxygen dominates.<sup>1</sup>

Carbon dioxide and oxygen results are summarized in Table 2, and Graphs 1 and 2 show sample results for each biogenic gas as percent by volume (%v) in comparison to the TPH-g values reported for each sample. The results are incomplete, but the percentage of carbon dioxide in general appears lower in the presence of petroleum contamination, suggesting the subsurface environment may be anaerobic where contamination persists. Oxygen concentrations are a good indicator of an aerobic environment, though it should be noted that barometric pressure changes in the atmosphere can increase atmospheric gas ( $\text{CO}_2/\text{O}_2$ ) concentrations in highly permeable surfaces based on the new draft DTSC guidelines (Appendix G). Because this site surface is generally impermeable, this is unlikely to have a measurable effect, though soil gas samples collected during the rainy season are subject to increased barometric pressure changes. In general, the graphs show higher percentages of  $\text{O}_2$  in areas of low petroleum contamination, again suggesting that the center of the plume is anaerobic.

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<sup>1</sup> Victor T. Jones, III and Patrick N. Agostino, "Case Studies of Anaerobic Methane Generation at a Variety of Hydrocarbon Fuel Contaminated Sites", November 11-13, 1998, National Ground Water Association 1998 Petroleum Hydrocarbons and Organic Chemicals in Ground Water: Prevention, Detection, and Remediation, Houston, TX.

## **CONCLUSIONS AND RECOMMENDATIONS**

Soil gas samples were collected from each vapor well location from vapor probes at depths of 3 and 5 feet bgs, with the exception of wells SVG-4 (5'), and SVG-7 (5'). Delta was unable to collect soil gas samples from the deepest probes at 7.5 feet bgs due to elevated groundwater levels, resulting from a unusually high rainfall to date. Samples were analyzed for petroleum compounds to evaluate the potential for indoor air intrusion from additional shallow offsite soils. TPH-g was detected in all samples, but benzene was detected in only one sample; oxygenates MTBE and TBA were not detected in any samples. The TPH-g soil gas plume appears to be centered offsite, with the highest concentrations of TPH-g reported from samples collected at vapor well SVG-6 (in close proximity to monitoring well S-9, which is the center of the small dissolved-phase plume which persists at the site). Elevated sample concentrations indicate the presence of offsite source material or migration through a permeable layer in near-surface soils.

Delta submitted a work plan to verify the extent of impacted soil February 26, 2010, which proposed advancing soil borings both on- and off-site in order to define the extent and location of the remaining source material. It is also recommended that a second round of vapor samples from the nested wells be collected in the late summer or early fall in order to obtain deeper soil gas samples and investigate seasonal variation.

## **REMARKS**

The recommendations contained in this document represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This document is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this document were performed. This document is intended only for the use of Delta's Client and anyone else specifically listed on this document. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this document.

If you have any questions or comments regarding this report, please contact Suzanne McClurkin-Nelson (Delta) at (408) 826-1875 or Denis Brown (Shell) at (707) 865-0251.

Sincerely,  
**Delta Consultants, Inc.**



Abhik Dutta  
Senior Staff Geologist

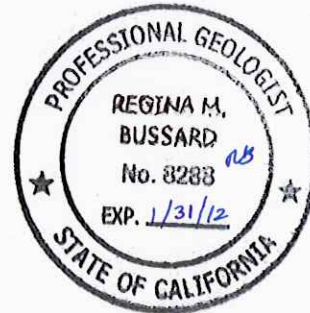


Suzanne McClurkin-Nelson  
Senior Project Manager



Regina Bussard, P.G.  
Senior Project Specialist

cc: Denis Brown, Shell Oil Products US, Carson  
Mike Bakaldin, San Leandro Fire Department, San Leandro  
Salel Enterprises c/o Foothill Hardware, Oakland



#### ATTACHMENTS:

- Figure 1 – Site Location Map
- Figure 2 – Site Layout with Soil Gas Well Locations
- Figure 3A – Soil Gas Well Construction Detail (SVG-1 to SVG-3)
- Figure 3B – Soil Gas Well Construction Detail (SVG-4 to SVG-9)
- Figure 4 – Shallow TPH-d Soil Gas Concentration Map – 3/18/2010
- Graph 1 – Soil Gas Concentrations Compared to Attenuation Factors – 3-foot Samples
- Graph 2 – Soil Gas Concentrations Compared to Attenuation Factors – 5-foot Samples
- Table 1 – Soil Gas Analytical Data
- Table 2 – Biogenic Gas Analytical Data
- Appendix A - Alameda County Health Care Services Agency Correspondence
- Appendix B – Environmental Data Resources Report
- Appendix C – Department of Water Resources Well Completion Reports
- Appendix D – Guidelines for Soil Gas Collection in Tedlar® Bags
- Appendix E - Alameda County Public Works Well Permit
- Appendix F - Certified Analytical Reports with Chain-of-Custody Documentation
- Appendix G – Historical Soil Vapor Data
- Appendix H – Table E-2 – RWQCB Shallow Soil Gas Environmental Screening Levels for Evaluation of Potential Vapor Intrusion Concerns

## **FIGURES**



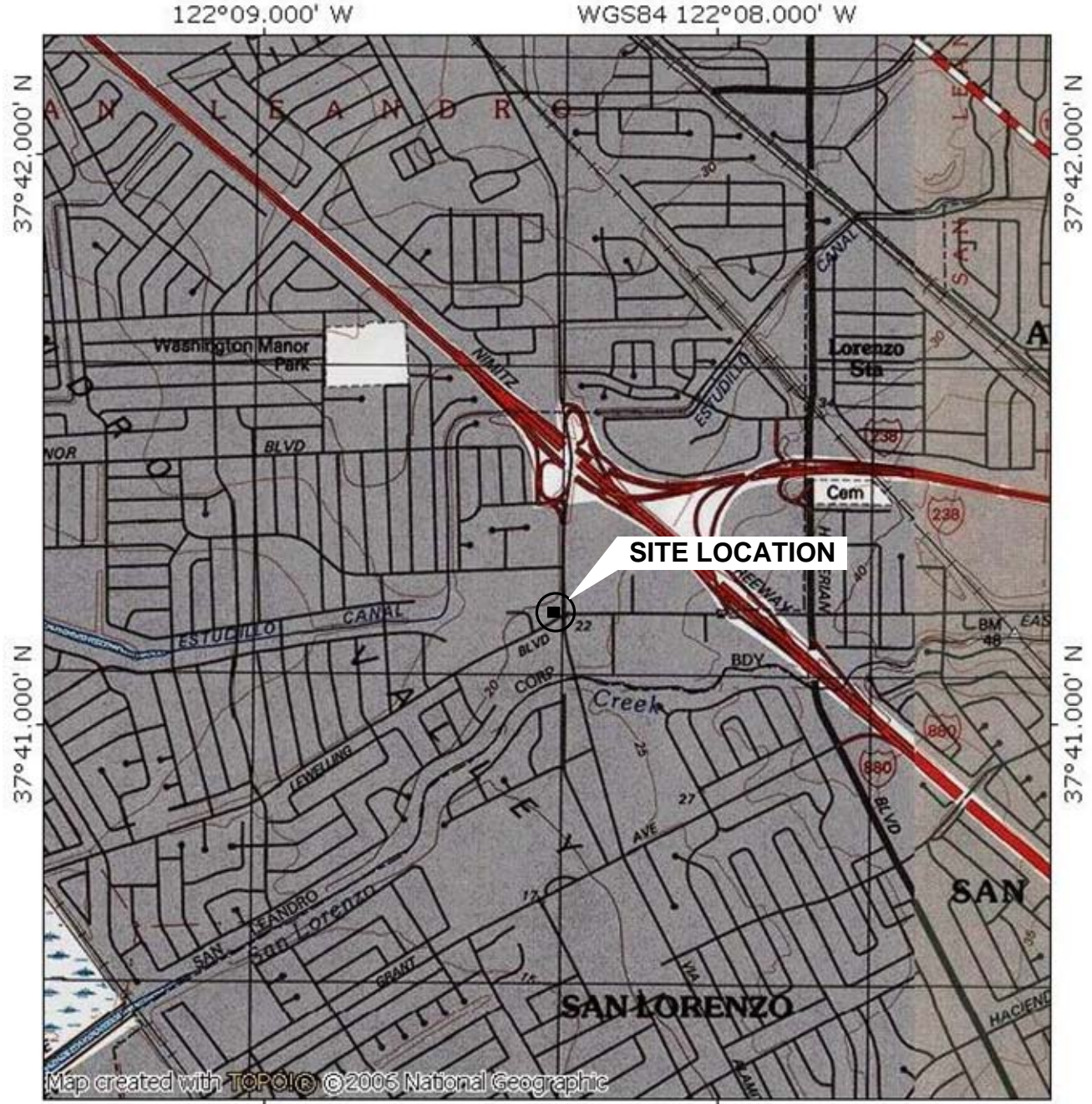
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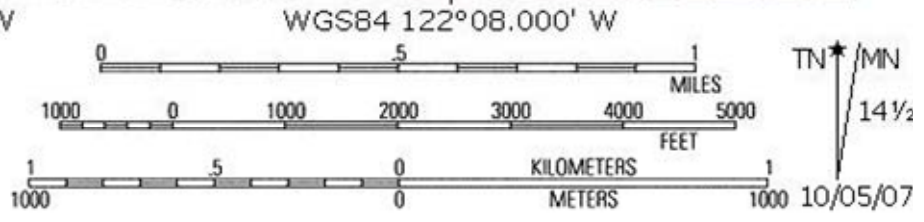
APPROVED BY

CHECKED BY

DRAWN BY  
J.F.F.



Map created with TOPO! © 2006 National Geographic



SHELL OIL PRODUCTS US  
FORMER SHELL SERVICE STATION  
SAN LEANDRO, CALIFORNIA

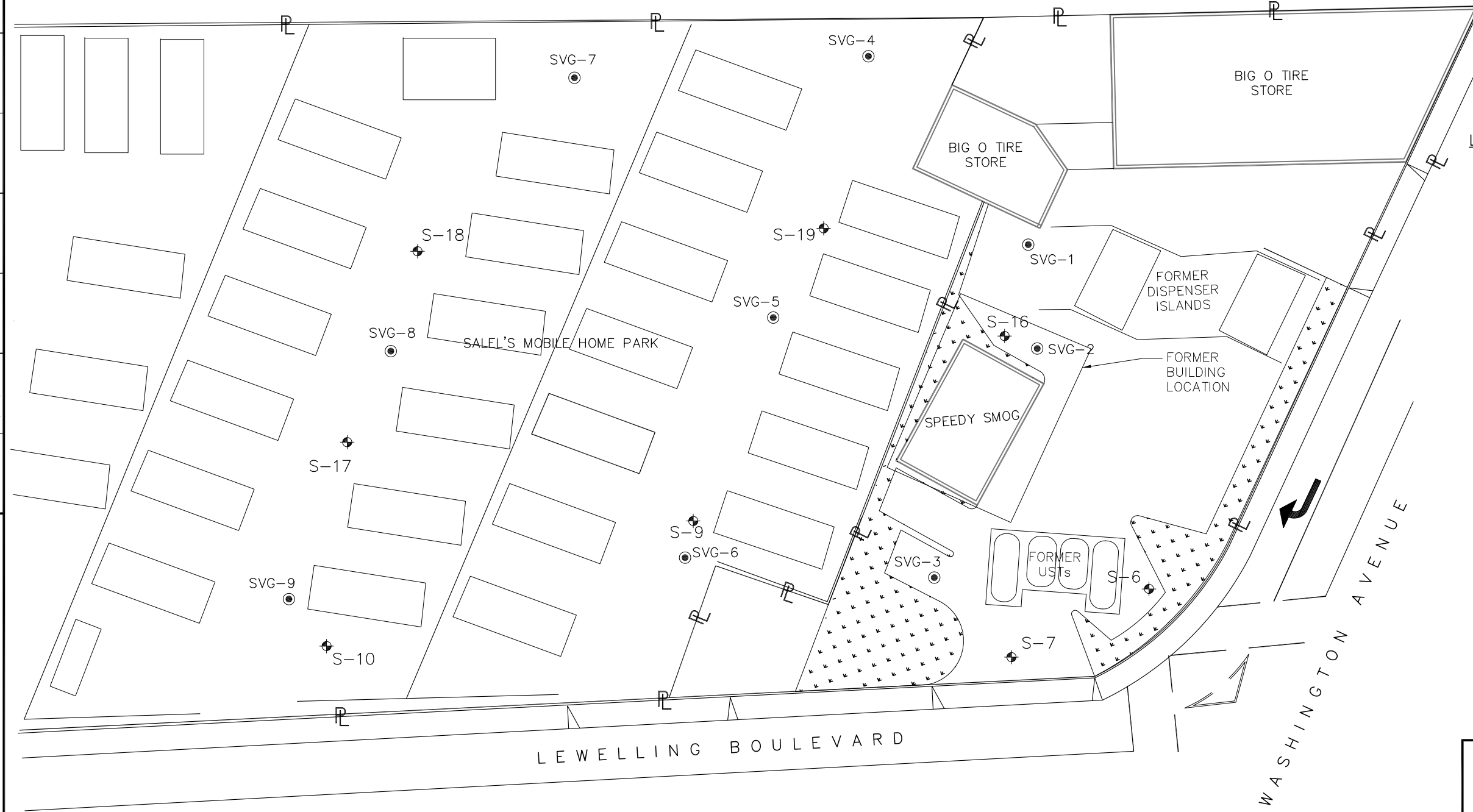
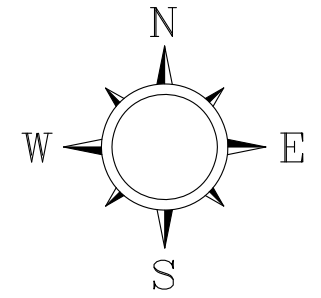
FIGURE 1  
SITE LOCATION MAP  
15275 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA

PROJECT NUMBER  
SCA15275-1

APPROVED BY


CHECKED BY

DRAWN BY  
AD  
4/09/2010



- LEGEND**
- S-6 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
  - SVG-1 SOIL VAPOR WELL LOCATION AND DESIGNATION
  - TRAILER PARK STRUCTUR
  - FORMER BUILDING
  - FORMER UST LOCATION
  - PROPERTY LINE
  - FENCING



  
**DELTA CONSULTANTS**

SHELL OIL PRODUCTS U.S.  
FORMER SHELL-BRANDED SERVICE STATION  
SAN LEANDRO, CALIFORNIA

**FIGURE 2**

SITE LAYOUT WITH  
SOIL GAS WELL LOCATIONS  
15275 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA

MATERIAL OF WELL: TEFLON TUBING

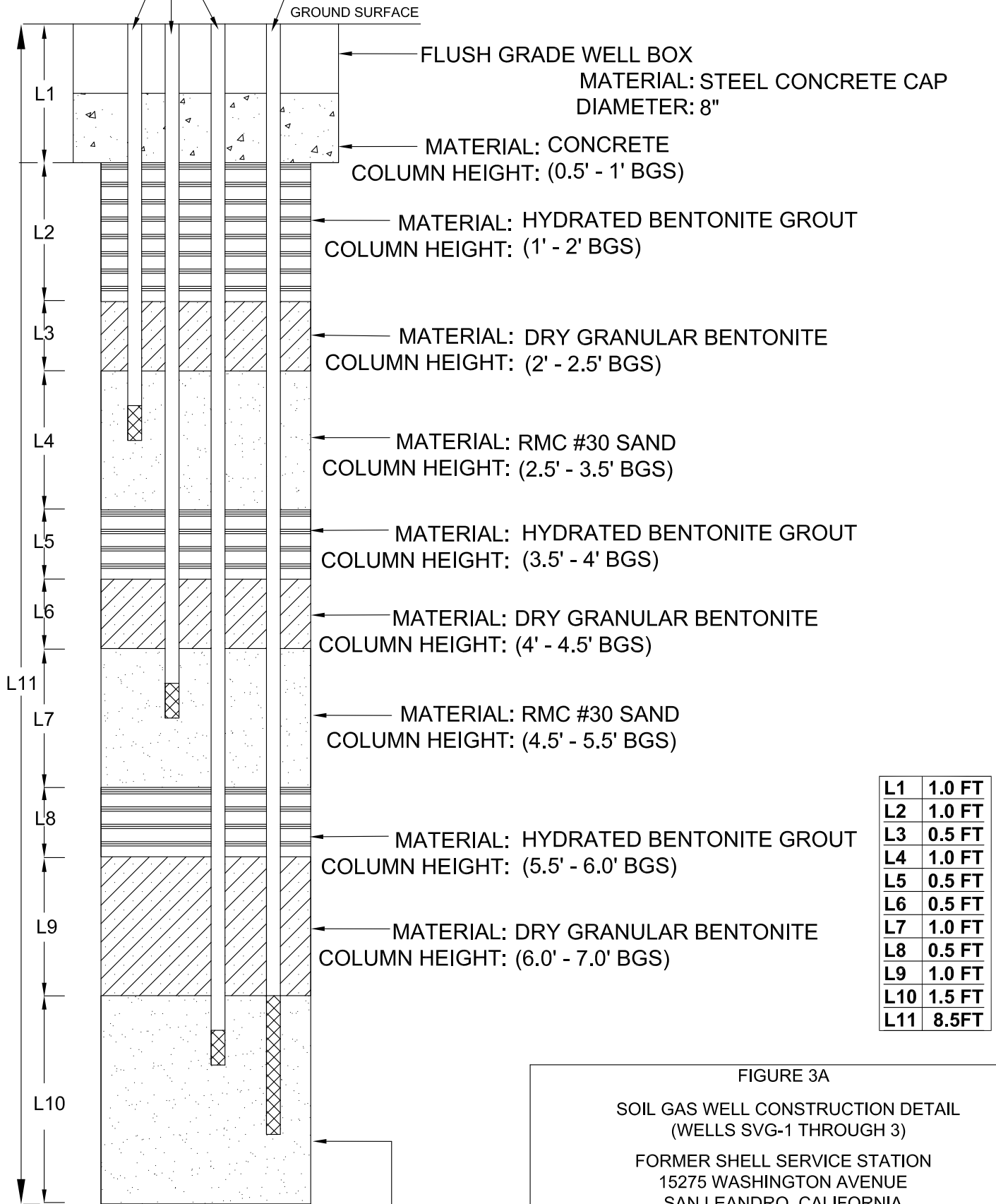
DIAMETER: 0.25"

PROBE TIP: 3.0"

MATERIAL OF WELL: PVC

DIAMETER: 1.00"

SCREENED: 7.0' - 8.0'



L1	1.0 FT
L2	1.0 FT
L3	0.5 FT
L4	1.0 FT
L5	0.5 FT
L6	0.5 FT
L7	1.0 FT
L8	0.5 FT
L9	1.0 FT
L10	1.5 FT
L11	8.5 FT

FIGURE 3A

SOIL GAS WELL CONSTRUCTION DETAIL  
(WELLS SVG-1 THROUGH 3)

FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA

PROJECT NO. SCA15275	DRAWN BY 12/30/09
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MATERIAL: RMC #30 SAND  
COLUMN HEIGHT: (7.0' - 8.5' BGS)

**MATERIAL OF WELL: TEFLON TUBING**

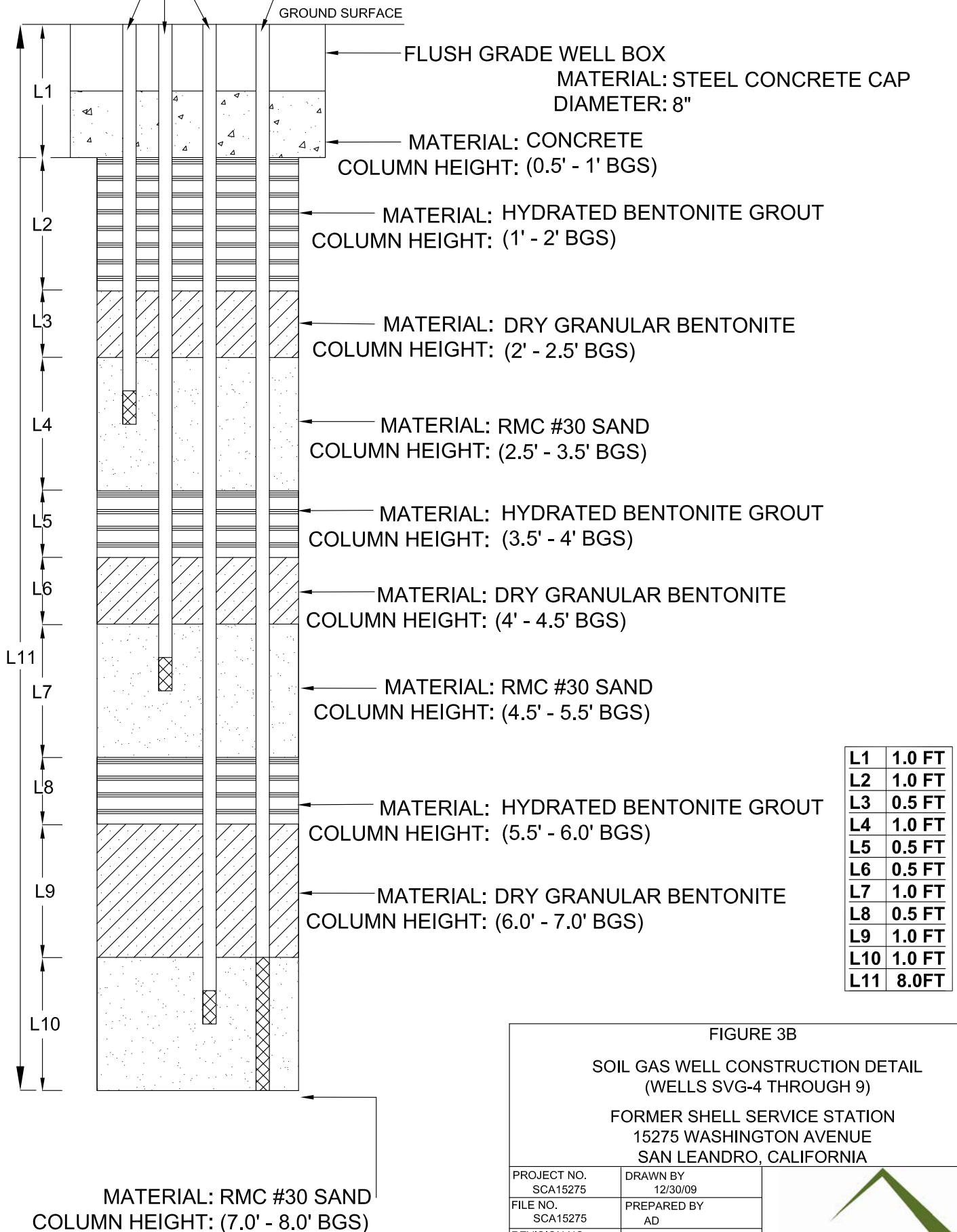
**DIAMETER: 0.25"**

**PROBE TIP: 3.0"**

**MATERIAL OF WELL: PVC**

**DIAMETER: 1.00"**

**SCREENED: 7.0' - 8.0'**



**FIGURE 3B**

**SOIL GAS WELL CONSTRUCTION DETAIL  
(WELLS SVG-4 THROUGH 9)**

**FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA**

PROJECT NO. SCA15275	DRAWN BY 12/30/09
FILE NO. SCA15275	PREPARED BY AD
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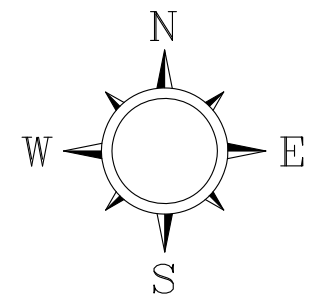


PROJECT NUMBER  
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SVG-8	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	70,000
5	140,000
7.5	NS

SVG-7	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	170,000
5	NS
7.5	NS

SVG-4	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	28,000
5	NS
7.5	NS

SVG-1	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	8,700,000
5	8,200,000
7.5	NS

SVG-9	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	67,000
5	55,000
7.5	NS

SVG-6	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	110,000,000
5	75,000,000
7.5	NS

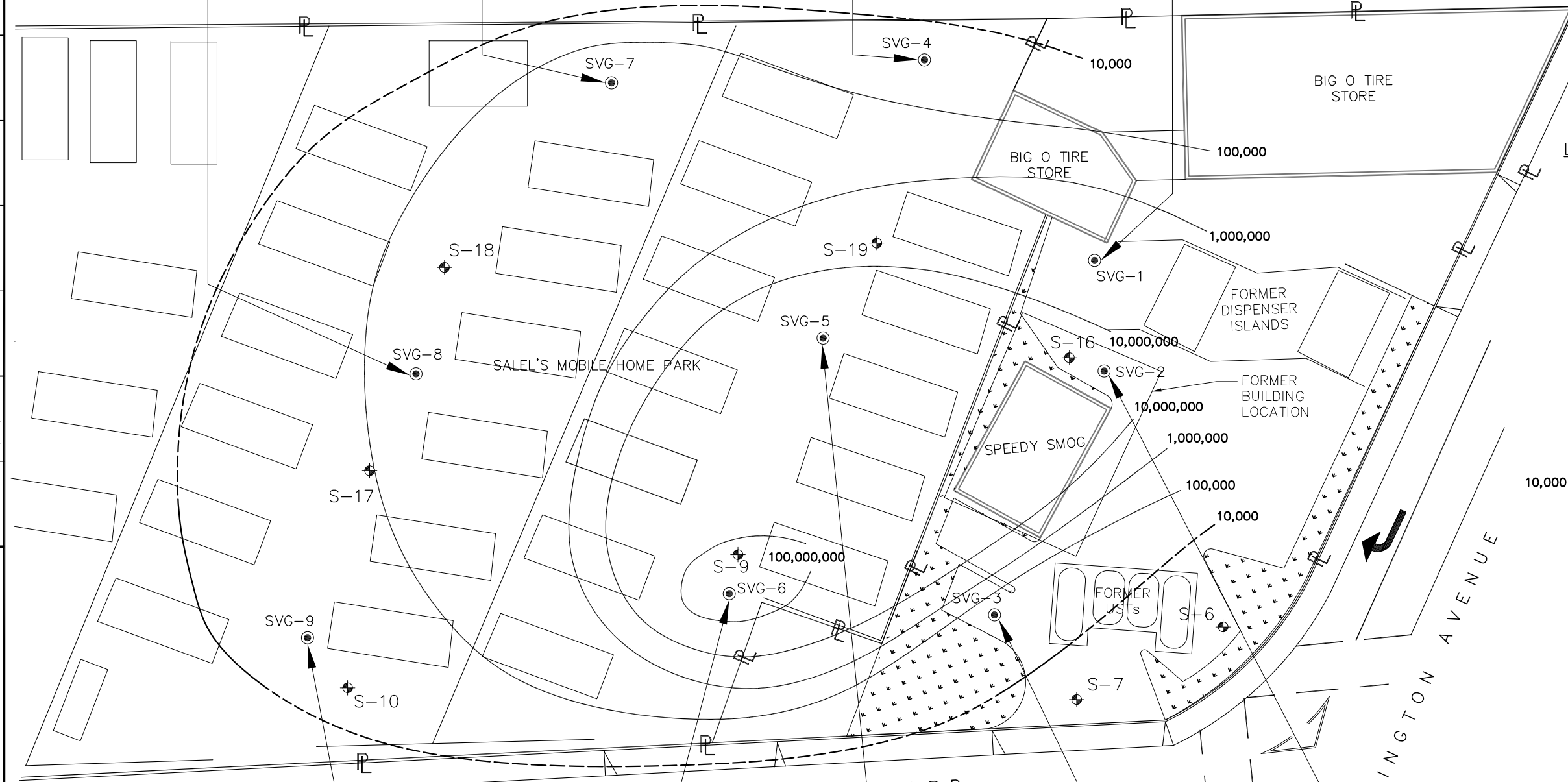
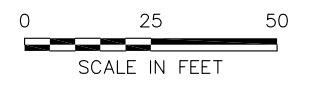
SVG-5	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	27,000,000
5	13,000,000
7.5	NS

SVG-3	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	39,000
5	49,000
7.5	NS

SVG-2	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	11,000,000
5	7,500,000
7.5	NS

**LEGEND**

- S-6 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- SVG-1 SOIL VAPOR WELL LOCATION AND DESIGNATION
- TRAILER PARK STRUCTUR
- FORMER BUILDING
- FORMER UST LOCATION
- PROPERTY LINE
- FENCING
- NS NOT SAMPLED
- ( $\mu\text{g}/\text{m}^3$ ) MICROGRAMS PER METER CUBED
- 10,000 TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- ISOCONTOUR LINE



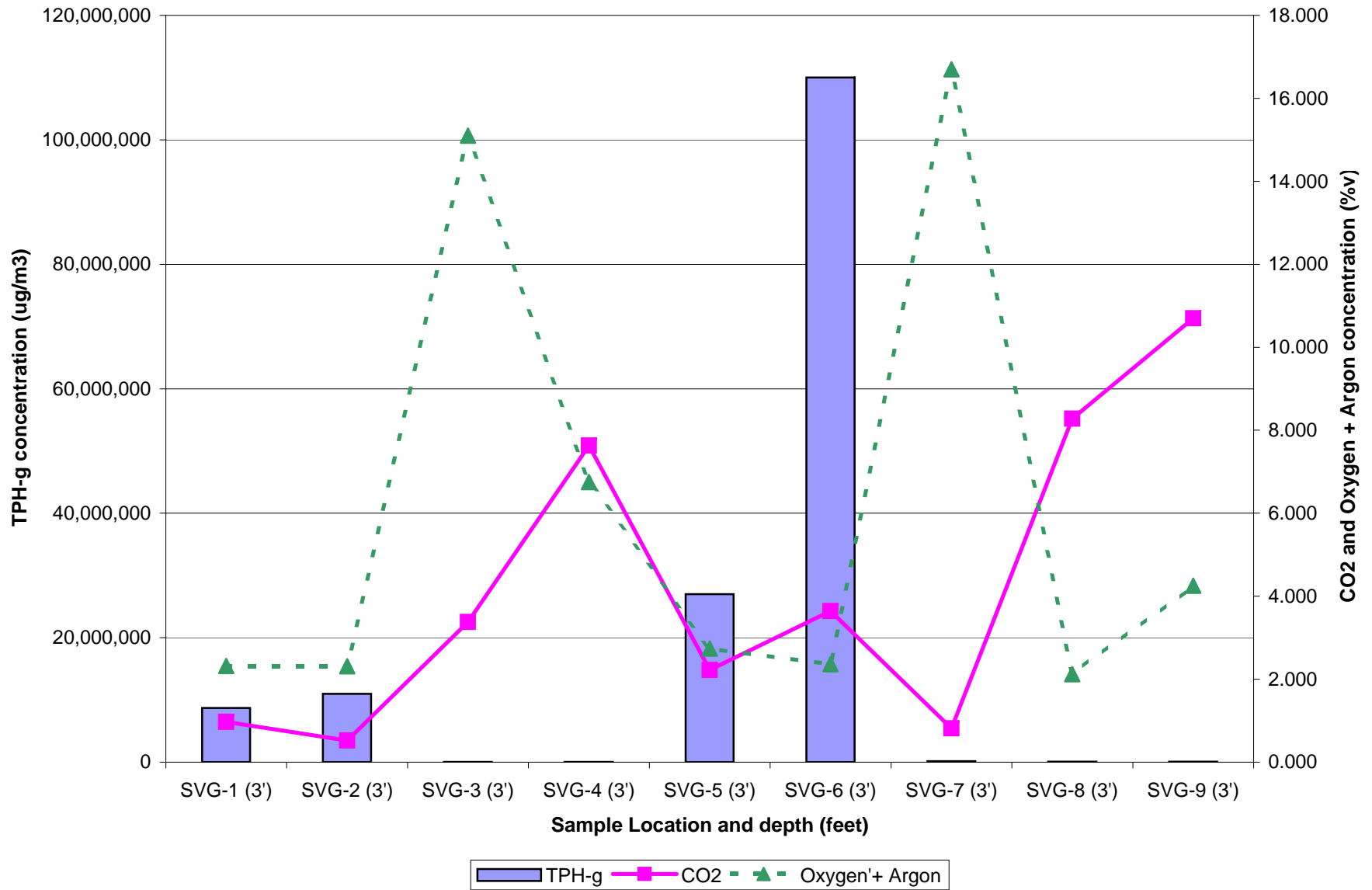
SHELL OIL PRODUCTS U.S.  
FORMER SHELL-BRANDED SERVICE STATION  
SAN LEANDRO, CALIFORNIA

FIGURE 4

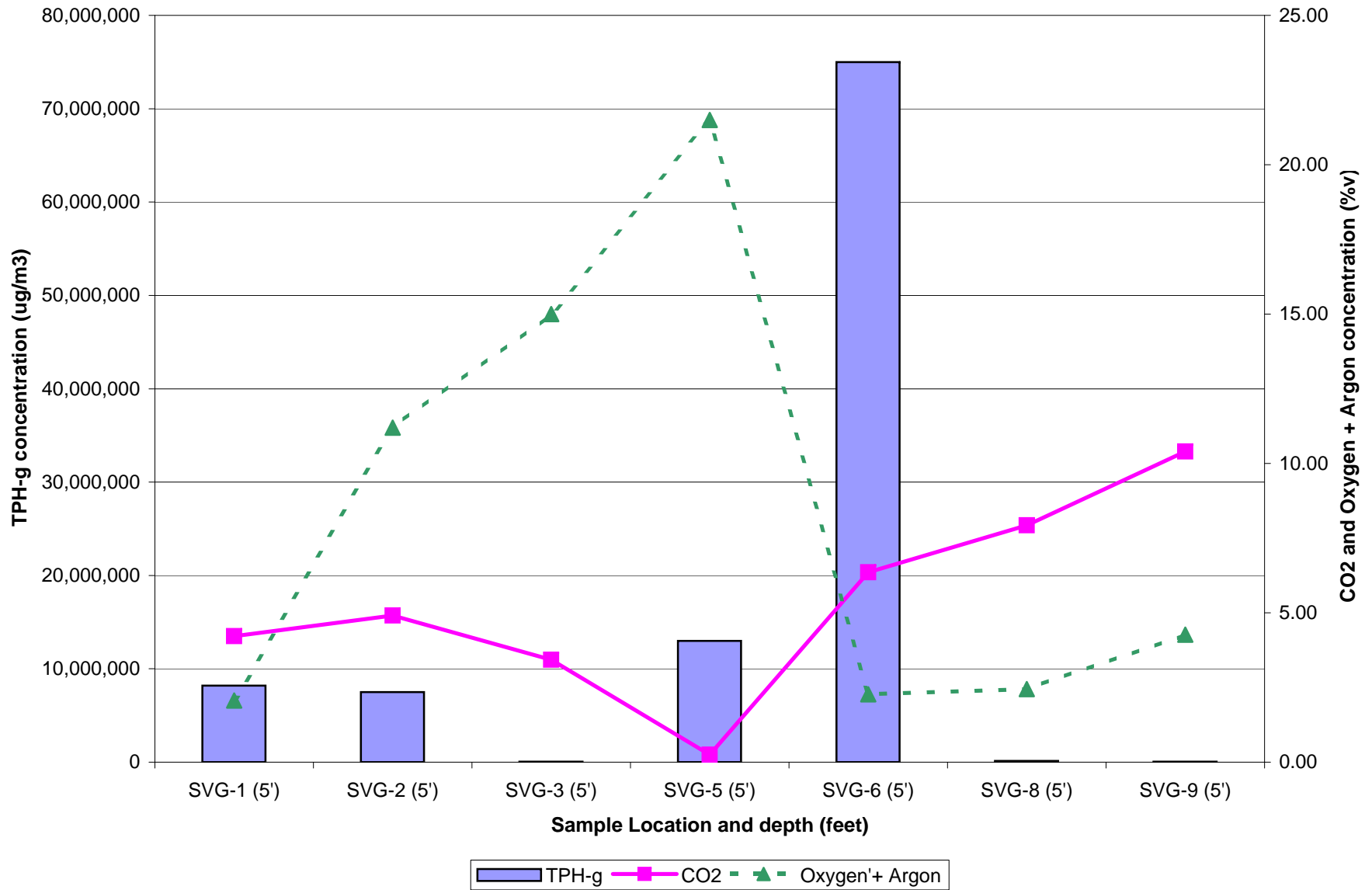
SHALLOW THP-g SOIL GAS  
CONCENTRATION MAP - 3/18/2010  
15275 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA

## **GRAPHS**

**GRAPH 1**  
**SOIL GAS CONCENTRATIONS COMPARED TO ATTENUATION FACTORS - 3-FOOT SAMPLES**  
 Former Shell Service Station  
 15275 Washington Avenue, San Leandro, California



**GRAPH 2**  
**SOIL GAS CONCENTRATIONS COMPARED TO ATTENUATION FACTORS - 5-FOOT SAMPLES**  
 Former Shell Service Station  
 15275 Washington Avenue, San Leandro, California





## **TABLES**

**TABLE 1**  
**SOIL GAS ANALYTICAL DATA**

Former Shell Service Station  
15275 Washington Avenue  
San Leandro, California

Sample Location (depth, feet)	Date	TPH-g ( $\mu\text{g}/\text{m}^3$ )	Benzene ( $\mu\text{g}/\text{m}^3$ )	Toluene ( $\mu\text{g}/\text{m}^3$ )	Ethyl-benzene ( $\mu\text{g}/\text{m}^3$ )	Total Xylenes ( $\mu\text{g}/\text{m}^3$ )	MTBE ( $\mu\text{g}/\text{m}^3$ )	TBA ( $\mu\text{g}/\text{m}^3$ )	Isopropanol ( $\mu\text{g}/\text{m}^3$ )
<b>SVG-1 (3')</b>	03/18/10	<b>8,700,000</b>	ND(<8,000)	ND(<9,400)	<b>11,000</b>	ND(<22,000)	ND(<18,000)	ND(<15,000)	ND(<6,100)
<b>SVG-1 (5')</b>	03/18/10	<b>8,200,000</b>	ND(<8,000)	ND(<9,400)	ND(<11,000)	ND(<22,000)	ND(<18,000)	ND(<15,000)	ND(<6,100)
<b>SVG-2 (3')</b>	03/18/10	<b>11,000,000</b>	<b>21,000</b>	ND(<19,000)	<b>62,000</b>	ND(<43,000)	ND(<36,000)	ND(<30,000)	ND(<12,000)
<b>SVG-2 (5')</b>	03/18/10	<b>7,500,000</b>	ND(<8,000)	ND(<9,400)	<b>54,000</b>	ND(<22,000)	ND(<18,000)	ND(<15,000)	ND(<6,100)
<b>SVG-3 (3')</b>	03/18/10	<b>39,000</b>	ND(<51)	ND(<60)	460	230	ND(<120)	ND(<97)	ND(<39)
<b>SVG-3 (5')</b>	03/18/10	<b>49,000</b>	ND(<64)	ND(<75)	520	250	ND(<140)	ND(<120)	ND(<49)
<b>SVG-4 (3')</b>	03/18/10	<b>28,000</b>	ND(<16)	ND(<19)	420	250	ND(<36)	ND(<30)	100
<b>SVG-5 (3')</b>	03/18/10	<b>27,000,000</b>	ND(<32,000)	ND(<38,000)	ND(<43,000)	ND(<87,000)	ND(<72,000)	ND(<61,000)	ND(<25,000)
<b>SVG-5 (5')</b>	03/18/10	<b>13,000,000</b>	ND(<16,000)	ND(<19,000)	ND(<22,000)	ND(<43,000)	ND(<36,000)	ND(<30,000)	ND(<12,000)
<b>SVG-6 (3')</b>	03/18/10	<b>110,000,000</b>	ND(<130,000)	ND(<150,000)	ND(<170,000)	ND(<350,000)	ND(<290,000)	ND(<240,000)	ND(<98,000)
<b>SVG-6 (5')</b>	03/18/10	<b>75,000,000</b>	ND(<8,000)	ND(<9,400)	ND(<11,000)	ND(<22,000)	ND(<18,000)	ND(<15,000)	ND(<6,100)
<b>SVG-7 (3')</b>	03/18/10	<b>170,000</b>	ND(<160)	ND(<190)	ND(<220)	ND(<430)	ND(<360)	ND(<300)	ND(<120)
<b>SVG-8 (3')</b>	03/18/10	<b>70,000</b>	ND(<80)	ND(<94)	170	ND(<220)	ND(<180)	ND(<150)	ND(<61)
<b>SVG-8 (5')</b>	03/18/10	<b>140,000</b>	ND(<80)	ND(<94)	300	ND(<220)	ND(<180)	ND(<150)	210
<b>SVG-9 (3')</b>	03/18/10	<b>67,000</b>	ND(<80)	ND(<94)	250	ND(<220)	ND(<180)	ND(<150)	ND(<61)
<b>SVG-9 (5')</b>	03/18/10	<b>55,000</b>	ND(<64)	ND(<75)	220	ND(<170)	ND(<140)	ND(<120)	ND(<49)
<b>Residential ESL<sup>1</sup></b>		10,000	84	63,000	980	21,000	9,400	NA	
<b>Commercial ESL<sup>1</sup></b>		29,000	280	180,000	3,300	58,000	31,000	NA	
<b>Abbreviations and Notes:</b>									
TPH-g - Total petroleum hydrocarbons as gasoline									
MTBE - Methyl-tert butyl ether									
TBA - Tert-butyl alcohol									
$\mu\text{g}/\text{m}^3$ = Micrograms per cubic meter									
ND - Not detected above shown detection limit									
1. Environmental Screening Levels (ESLs), Table E-2: Indoor Air and Soil Gas (Vapor Intrusion Concerns), Shallow soil gas, Regional Water Quality Control Board, San Francisco Bay Region, Interim Final (Revised May 2008)									

**TABLE 2**  
**BIOGENIC GAS ANALYTICAL DATA**

Former Shell Service Station  
15275 Washington Avenue  
San Leandro, California

Sample Location (depth in feet)	Date	TPH-g ( $\mu\text{g}/\text{m}^3$ )	Carbon Dioxide (%v)	Oxygen + Argon (%v)
SVG-1 (3')	03/18/10	8,700,000	0.971	2.32
SVG-1 (5')	03/18/10	8,200,000	4.22	2.06
SVG-2 (3')	03/18/10	11,000,000	0.519	2.31
SVG-2 (5')	03/18/10	7,500,000	4.91	11.2
SVG-3 (3')	03/18/10	39,000	3.38	15.1
SVG-3 (5')	03/18/10	49,000	3.43	15.0
SVG-4 (3')	03/18/10	28,000	7.63	6.75
SVG-5 (3')	03/18/10	27,000,000	2.22	2.74
SVG-5 (5')	03/18/10	13,000,000	ND(<0.500)	21.5
SVG-6 (3')	03/18/10	110,000,000	3.64	2.36
SVG-6 (5')	03/18/10	75,000,000	6.36	2.27
SVG-7 (3')	03/18/10	170,000	0.816	16.7
SVG-8 (3')	03/18/10	70,000	8.28	2.12
SVG-8 (5')	03/18/10	140,000	7.93	2.45
SVG-9 (3')	03/18/10	67,000	10.7	4.25
SVG-9 (5')	03/18/10	55,000	10.4	4.27
<b>Abbreviations and Notes:</b>				
$\mu\text{g}/\text{m}^3$ = Micrograms per cubic meter				
%v = Percent by volume				
ND = Not detected above shown detection limit				

**APPENDIX A**  
**ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY**  
**CORRESPONDENCE**

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

ALEX BRISCOE, Acting Director



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

November 3, 2009

RECEIVED  
NOV 11 2009

BY: MP/CO

Mr. Denis Brown  
Shell Oil Products US  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039

Mr. Frank Salel  
Salel Enterprises  
P.O. Box 5099  
Oakland, CA 94605

Subject: Fuel Leak Case No. RO0000372 and Geotracker Global ID T0600101226, Shell#129460, 15275 Washington Avenue, San Leandro, CA 94579

Dear Mr. Brown and Mr. Salel:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the recent report entitled, "2009 Off-site Soil Vapor Investigation Report," dated October 16, 2009, prepared on Shell's behalf by Delta Consultants, Inc. (Report). The Report presents the results from soil vapor sampling in an off-site area to evaluate the potential for vapor intrusion. TPHg was detected in 15 of the 18 soil vapor samples collected and benzene was detected in four soil vapor samples. The tracer gas 1,1-difluoroethane, was detected in all soil vapor samples at concentrations ranging from 28 to 4,800,000 micrograms per cubic meter.

Based on the detections of tracer gas, the Report recommends a repeated sampling event using fixed soil vapor sampling probes. The proposed locations and the use of fixed sampling probes are acceptable. The probes are to be constructed in accordance with the requirements in the joint DTSC and Los Angeles Regional Water Quality Control Board Advisory - Active Soil Gas Investigations (2003) and must be constructed such that each discrete vertical sampling interval is isolated from the surface and other sampling intervals.

We have also reviewed the recent report entitled, "Third Quarter 2009 Semi-Annual Groundwater Monitoring Report," dated October 28, 2009. The "Third Quarter 2009 Semi-Annual Groundwater Monitoring Report," dated October 28, 2009 recommends that prior to sampling, all monitoring wells be purged of three casing volumes with stabilization of water quality parameters before sample collection. We concur with this recommendation for future groundwater sampling at the site.

We request that you perform the proposed work and send us the reports described below.

### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **November 19, 2009** – SVE Pilot Report
- **February 16, 2010** – Soil Vapor Sampling Report
- **April 9, 2010** – Semi-Annual Groundwater Monitoring Report – First Quarter 2010
- **October 8, 2010** – Semi-Annual Groundwater Monitoring Report – Third Quarter 2010

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

### ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements ([http://www.swrcb.ca.gov/ust/cleanup/electronic\\_reporting](http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting)).

### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

Responsible Parties  
RO0000372  
November 3, 2009  
Page 3

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

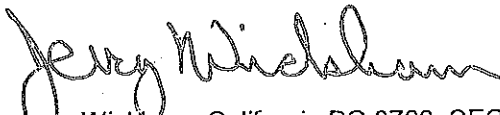
The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at 510-567-6791 or send me an electronic mail message at [jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org).

Sincerely,



Jerry Wickham, California PG 3766, CEG 1177, and CHG 297  
Senior Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Suzanne McClurkin-Nelson, Delta Environmental, 312 Piercy Road, San Jose, CA 95138

Regina Bussard, Delta Environmental, 312 Piercy Road, San Jose, CA 95138

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
Geotracker, File

<b>Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)</b>	<b>ISSUE DATE:</b> July 5, 2005
	<b>REVISION DATE:</b> March 27, 2009
	<b>PREVIOUS REVISIONS:</b> December 16, 2005, October 31, 2005
<b>SECTION:</b> Miscellaneous Administrative Topics & Procedures	<b>SUBJECT:</b> Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

**REQUIREMENTS**

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:  
RO#\_Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

**Additional Recommendations**

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

**Submission Instructions**

- 1) Obtain User Name and Password:
  - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
    - i) Send an e-mail to [dehloptoxic@acgov.org](mailto:dehloptoxic@acgov.org)
    - Or
    - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of My Le Huynh.
  - b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**
  
- 2) Upload Files to the ftp Site
  - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
    - (i) Note: Netscape and Firefox browsers will not open the FTP site.
  - b) Click on File, then on Login As.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
  - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
  
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
  - a) Send email to [dehloptoxic@acgov.org](mailto:dehloptoxic@acgov.org) notify us that you have placed a report on our ftp site.
  - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
  - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO# use the street address instead.
  - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.



## Suzanne McClurkin-Nelson

---

**From:** Wickham, Jerry, Env. Health [jerry.wickham@acgov.org]  
**Sent:** Wednesday, January 20, 2010 8:26 AM  
**To:** Suzanne McClurkin-Nelson  
**Cc:** Regina Bussard; denis.l.brown@shell.com; Scott Pearson  
**Subject:** ROE: 15275 Washington, San Leandro - Request deadline extension

Hi Suzanne,

I concur in delaying the sampling until conditions return to more normal in order to collect representative data. In order to allow for possible continued rainfall and delays in sampling, the schedule for report submittal for the above referenced case is extended to April 19, 2010.

Regards,  
Jerry Wickham  
Alameda County Environmental Health

---

**From:** Suzanne McClurkin-Nelson [SMcClurkin-Nelson@deltaenv.com]  
**Sent:** Tuesday, January 19, 2010 6:30 PM  
**To:** Wickham, Jerry, Env. Health  
**Cc:** Suzanne McClurkin-Nelson; Regina Bussard; denis.l.brown@shell.com; Scott Pearson  
**Subject:** 15275 Washington, San Leandro - Request deadline extension

Hello Jerry;

Delta has installed nine vapor wells as was recommended in our 2009 Offsite Soil Vapor Gas Investigation Report dated October 16, 2009. The wells were completed December 28 and 29, 2009; however, we were unable to schedule sampling of the wells prior to the current storm system traveling through California. Based on DTSC guidance, for any rainfall equal or greater to 0.5 inch, we must delay sampling a minimum of 5 days following cessation of rainfall. This storm is currently projected to last at least through Saturday based on the current 5-day forecast. We will try to schedule a tentative sampling event at the end of January or early February, but we will not be able to get analytical data back and complete a vapor sampling report by February 16, 2010 as has been requested due to the postponement of sampling.

We request an extension to the report deadline of approximately 30 days, or March 19, 2010; please let us know if that is acceptable.

Thanks!

Suzanne McClurkin-Nelson | Senior Project Manager | North American Operations Delta Consultants, an Oranjewoud N.V. Company Direct +1 408 826 1875 | Mobile +1 408 796 8889 | Alternate +1 408 582 4422 smcclurkin-nelson@deltaenv.com<mailto:smcclurkin-nelson@deltaenv.com> | www.deltaenv.com<http://www.deltaenv.com/>  
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**APPENDIX B**  
**ENVIRONMENTAL DATA RESOURCES REPORT**



**747 Lewelling Ave**

747 Lewelling Ave

San Leandro, CA 94579

Inquiry Number: 2731037.4

March 30, 2010

## The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

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***Thank you for your business.***  
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**Date EDR Searched Historical Sources:**

Aerial Photography March 30, 2010

**Target Property:**

747 Lewelling Ave

San Leandro, CA 94579

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=555'	Flight Year: 1939	Fairchild
1946	Aerial Photograph. Scale: 1"=655'	Flight Year: 1946	Jack Ammann
1958	Aerial Photograph. Scale: 1"=555'	Flight Year: 1958	Cartwright
1965	Aerial Photograph. Scale: 1"=333'	Flight Year: 1965	Cartwright
1974	Aerial Photograph. Scale: 1"=601'	Flight Year: 1974	NASA
1982	Aerial Photograph. Scale: 1"=690'	Flight Year: 1982	USGS
1993	Aerial Photograph. Scale: 1"=666'	Flight Year: 1993	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS
2005	Aerial Photograph. 1" = 604'	Flight Year: 2005	EDR



**INQUIRY #:** 2731037.4

**YEAR:** 1939

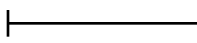
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**INQUIRY #:** 2731037.4

**YEAR:** 1946

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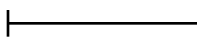


 Environmental Data Resources Inc.



**INQUIRY #:** 2731037.4

**YEAR:** 1958

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**INQUIRY #:** 2731037.4

**YEAR:** 1965

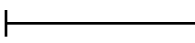
**|—————| = 333'**





**INQUIRY #:** 2731037.4

**YEAR:** 1974

 = 601'





**INQUIRY #:** 2731037.4

**YEAR:** 1982

| = 690'





INQUIRY #: 2731037.4

YEAR: 1993

| = 666'





INQUIRY #: 2731037.4

YEAR: 1998

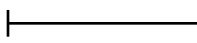
| = 666'





**INQUIRY #:** 2731037.4

**YEAR:** 2005

 = 604'





**747 Lewelling Ave**

747 Lewelling Ave

San Leandro, CA 94579

Inquiry Number: 2731037.3

March 29, 2010

## Certified Sanborn® Map Report

# Certified Sanborn® Map Report

3/29/10

**Site Name:**

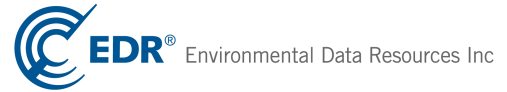
747 Lewelling Ave  
747 Lewelling Ave  
San Leandro, CA 94579

**Client Name:**

Delta Consultants  
2300 Contra Costra Blvd.  
Pleasant Hill, CA 94523

EDR Inquiry # 2731037.3

Contact: Abhik Dutta



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## Certified Sanborn Results:

**Site Name:** 747 Lewelling Ave  
**Address:** 747 Lewelling Ave  
**City, State, Zip:** San Leandro, CA 94579  
**Cross Street:**  
**P.O. #** NA  
**Project:** NA  
**Certification #** E887-4D7B-AD88



Sanborn® Library search results  
Certification # E887-4D7B-AD88

## UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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**747 Lewelling Ave**

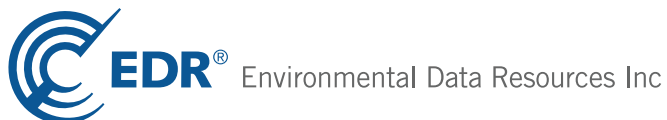
747 Lewelling Ave

San Leandro, CA 94579

Inquiry Number: 2731037.2s

March 29, 2010

## The EDR Radius Map™ Report with GeoCheck®



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# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	8
Orphan Summary .....	77
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-11
Physical Setting Source Map Findings .....	A-12
Physical Setting Source Records Searched .....	A-26

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with any questions or comments.

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## EXECUTIVE SUMMARY

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

747 LEWELLING AVE  
SAN LEANDRO, CA 94579

#### COORDINATES

Latitude (North): 37.686200 - 37° 41' 10.3"  
Longitude (West): 122.140100 - 122° 8' 24.4"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 575820.1  
UTM Y (Meters): 4171142.0  
Elevation: 24 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

### AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2005  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

NPL..... National Priority List

## EXECUTIVE SUMMARY

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

### ***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 - equivalent NPL***

RESPONSE..... State Response Sites

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

SWF/LF..... Solid Waste Information System

### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

## EXECUTIVE SUMMARY

VCP..... Voluntary Cleanup Program Properties

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
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  
CHMIRS..... California Hazardous Material Incident Report System  
LDS..... Land Disposal Sites Listing  
MCS..... Military Cleanup Sites Listing

#### **Other Ascertainable Records**

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

## EXECUTIVE SUMMARY

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
CA WDS.....	Waste Discharge System
NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
WIP.....	Well Investigation Program Case List
HAZNET.....	Facility and Manifest Data
EML.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
MWMP.....	Medical Waste Management Program Listing
PROC.....	Certified Processors Database

### 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

#### *Federal RCRA generators list*

## EXECUTIVE SUMMARY

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 01/13/2010 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CALTRANS DISTRICT 4</b>	<b>600 LEWELLING BLVD</b>	<b>E 1/8 - 1/4 (0.158 mi.)</b>	<b>F23</b>	<b>42</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SALEL AUTOMOTIVE SERVICE</b>	<b>15245 WASHINGTON AVENUENE 0 - 1/8 (0.083 mi.)</b>	<b>C5</b>	<b>13</b>	
<b>TOSCO NORTHWEST CO NO 11106</b>	<b>15199 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D17</b>	<b>32</b>

RCRA-CESQG: 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 01/13/2010 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EBMUD SOUTH AREA SERVICE CENTE</b>	<b>589 EAST LEWELLING BLVD</b>	<b>E 1/8 - 1/4 (0.239 mi.)</b>	<b>29</b>	<b>52</b>

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 02/08/2010 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>LIFE CHIROPRACTIC COLLEGE WEST</b>	<b>2005 VIA BARRETT</b>	<b>SW 1/2 - 1 (0.961 mi.)</b>	<b>43</b>	<b>71</b>
Status: No Further Action				

## EXECUTIVE SUMMARY

### ***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.

A review of the LUST list, as provided by EDR, and dated 02/05/2010 has revealed that there are 15 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ARCO # 00601</b> Status: Open - Site Assessment	<b>712 LEWELLING BLVD</b>	<b>ENE 0 - 1/8 (0.020 mi.)</b>	<b>A3</b>	<b>9</b>
<b>GREENHOUSE PLAZA</b> Status: Completed - Case Closed	<b>699 LEWELLING BLVD</b>	<b>ENE 0 - 1/8 (0.092 mi.)</b>	<b>B8</b>	<b>19</b>
<b>CALTRANS</b> Status: Completed - Case Closed	<b>600 LEWELLING BLVD</b>	<b>E 1/8 - 1/4 (0.158 mi.)</b>	<b>F25</b>	<b>45</b>
<b>DOMINGO RONCONI PROPERTY</b> Status: Completed - Case Closed	<b>15550 WASHINGTON AVE</b>	<b>SSE 1/8 - 1/4 (0.213 mi.)</b>	<b>G28</b>	<b>51</b>
<b>MAHDI MOHAMMADIAN</b> Status: Open - Site Assessment	<b>15595 WASHINGTON AVE</b>	<b>SSE 1/4 - 1/2 (0.260 mi.)</b>	<b>H30</b>	<b>54</b>
<b>SAN LORENZO SCHOOL</b> Status: Completed - Case Closed	<b>15701 LORENZO AVE</b>	<b>SSE 1/4 - 1/2 (0.383 mi.)</b>	<b>36</b>	<b>60</b>
<b>ROTO ROOTER SEWER SERVICE</b> Status: Completed - Case Closed	<b>14985 WASHINGTON AVE</b>	<b>N 1/4 - 1/2 (0.454 mi.)</b>	<b>I38</b>	<b>62</b>
SANACT, INC. DBA ROTO ROOTER Status: Completed - Case Closed	14985 WASHINGTON	N 1/4 - 1/2 (0.454 mi.)	I40	66
<b>CHEVRON STATION #5630</b> Status: Completed - Case Closed	<b>997 GRANT AVE</b>	<b>SSE 1/4 - 1/2 (0.482 mi.)</b>	<b>41</b>	<b>67</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SHELL</b> Status: Open - Site Assessment	<b>15275 WASHINGTON AVE</b>	<b>NE 0 - 1/8 (0.083 mi.)</b>	<b>C6</b>	<b>18</b>
<b>GASCO</b> Status: Open - Remediation	<b>15201 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D14</b>	<b>27</b>
MASH PETROLEUM Status: Open - Site Assessment	15201 WASHINGTON	NNE 1/8 - 1/4 (0.138 mi.)	D18	33
<b>BP</b> Status: Completed - Case Closed Status: Completed - Case Closed	<b>15199 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D19</b>	<b>33</b>
<b>FARIA BROTHERS HARDWARE</b> Status: Completed - Case Closed	<b>519 MANOR BLVD</b>	<b>N 1/4 - 1/2 (0.375 mi.)</b>	<b>34</b>	<b>57</b>
<b>FAITH FELLOWSHIP CHURCH</b> Status: Completed - Case Closed	<b>577 MANOR BLVD</b>	<b>NNW 1/4 - 1/2 (0.381 mi.)</b>	<b>35</b>	<b>59</b>



## EXECUTIVE SUMMARY

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

A review of the SLIC list, as provided by EDR, and dated 02/05/2010 has revealed that there is 1 SLIC site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DOMINGO RONCONI PROPERTY (TOXI Facility Status: Completed - Case Closed)	15550 WASHINGTON	SSE 1/8 - 1/4 (0.213 mi.)	G27	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).

A review of the Alameda County CS list, as provided by EDR, and dated 01/19/2010 has revealed that there are 9 Alameda County CS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ARCO # 00601</b>	<b>712 LEWELLING BLVD</b>	<b>ENE 0 - 1/8 (0.020 mi.)</b>	<b>A3</b>	<b>9</b>
<b>DOMINGO RONCONI PROPERTY</b>	<b>15550 WASHINGTON AVE</b>	<b>SSE 1/8 - 1/4 (0.213 mi.)</b>	<b>G28</b>	<b>51</b>
CHEVRON #21-1285 / CAL GAS	15595 WASHINGTON AVE	SSE 1/4 - 1/2 (0.260 mi.)	H31	57
<b>SAN LORENZO SCHOOL</b>	<b>15701 LORENZO AVE</b>	<b>SSE 1/4 - 1/2 (0.383 mi.)</b>	<b>36</b>	<b>60</b>
<b>ROTO ROOTER</b>	<b>14985 WASHINGTON AVE</b>	<b>N 1/4 - 1/2 (0.454 mi.)</b>	<b>I39</b>	<b>64</b>
<b>CHEVRON STATION #5630</b>	<b>997 GRANT AVE</b>	<b>SSE 1/4 - 1/2 (0.482 mi.)</b>	<b>41</b>	<b>67</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SHELL</b>	<b>15275 WASHINGTON AVE</b>	<b>NE 0 - 1/8 (0.083 mi.)</b>	<b>C6</b>	<b>18</b>
<b>GASCO</b>	<b>15201 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D14</b>	<b>27</b>
<b>BP</b>	<b>15199 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D19</b>	<b>33</b>

### 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.

A review of the UST list, as provided by EDR, and dated 02/05/2010 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ENGINE RESEARCH COMPANY	610 E LEWELLING BLVD	E 1/8 - 1/4 (0.148 mi.)	F21	38
<b>EBMUD SOUTH AREA SERVICE CENTE</b>	<b>589 EAST LEWELLING BLVD</b>	<b>E 1/8 - 1/4 (0.239 mi.)</b>	<b>29</b>	<b>52</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TECHCO GAS	15201 WASHINGTON AVE.	NNE 1/8 - 1/4 (0.138 mi.)	D13	27
<b>TOSCO NORTHWEST CO NO 11106</b>	<b>15199 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D17</b>	<b>32</b>

## EXECUTIVE SUMMARY

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

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN LEANDRO CALTRANS MAINT STA	600 LEWELLING BLVD	E 1/8 - 1/4 (0.158 mi.)	F24	45

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Lists of Registered Storage Tanks**

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

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 5 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CALTRANS</b>	<b>600 LEWELLING BLVD</b>	<b>E 1/8 - 1/4 (0.158 mi.)</b>	<b>F25</b>	<b>45</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SALEL AUTOMOTIVE SERVICE</b>	<b>15245 WASHINGTON AVENUENE 0 - 1/8 (0.083 mi.)</b>		<b>C5</b>	<b>13</b>
<b>FIRE STATION #5</b>	<b>637 FARGO AVE</b>	<b>N 1/8 - 1/4 (0.128 mi.)</b>	<b>E11</b>	<b>26</b>
<b>GASCO</b>	<b>15201 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D14</b>	<b>27</b>
<b>BP</b>	<b>15199 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D19</b>	<b>33</b>

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 6 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KRISHAN GOYAL	712 LEWELLING BLVD	ENE 0 - 1/8 (0.020 mi.)	A1	8
SAN LEANDRO	600 LEWELLING BLVD	E 1/8 - 1/4 (0.158 mi.)	F26	50
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SALEL AUTOMOTIVE SERVICE</b>	<b>15245 WASHINGTON AVENUENE 0 - 1/8 (0.083 mi.)</b>		<b>C5</b>	<b>13</b>
<b>FIRE STATION #5</b>	<b>637 FARGO AVE</b>	<b>N 1/8 - 1/4 (0.128 mi.)</b>	<b>E10</b>	<b>26</b>
<b>MOBIL SERVICE STATION</b>	<b>15199 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D15</b>	<b>30</b>
<b>CLOSED #798</b>	<b>15201 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D16</b>	<b>31</b>

## EXECUTIVE SUMMARY

SWEEPS UST: 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.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 7 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO # 00601	712 LEWELLING BLVD	ENE 0 - 1/8 (0.020 mi.)	A3	9
CALTRANS	600 LEWELLING BLVD	E 1/8 - 1/4 (0.158 mi.)	F25	45
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SALEL AUTOMOTIVE SERVICE	15245 WASHINGTON AVENUE	ENE 0 - 1/8 (0.083 mi.)	C5	13
FIRE STATION #5	637 FARGO AVE	N 1/8 - 1/4 (0.128 mi.)	E11	26
GASCO	15201 WASHINGTON AVE	NNE 1/8 - 1/4 (0.138 mi.)	D14	27
BP	15199 WASHINGTON AVE	NNE 1/8 - 1/4 (0.138 mi.)	D19	33
BP OIL CO FACILITY NO 11106	15199 WASHINGTON	NNE 1/8 - 1/4 (0.138 mi.)	D20	37

### **Other Ascertainable Records**

RCRA-NonGen: 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.

A review of the RCRA-NonGen list, as provided by EDR, and dated 01/13/2010 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WALGREENS 2426	15500 WASHINGTON AVE	SE 1/8 - 1/4 (0.148 mi.)	22	39

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 [CALSTITES].

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 12 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO # 00601	712 LEWELLING BLVD	ENE 0 - 1/8 (0.020 mi.)	A3	9
GREENHOUSE PLAZA	699 LEWELLING BLVD	ENE 0 - 1/8 (0.092 mi.)	B8	19
CALTRANS	600 LEWELLING BLVD	E 1/8 - 1/4 (0.158 mi.)	F25	45
DOMINGO RONCONI PROPERTY	15550 WASHINGTON AVE	SSE 1/8 - 1/4 (0.213 mi.)	G28	51
MAHDI MOHAMMADIAN	15595 WASHINGTON	SSE 1/4 - 1/2 (0.260 mi.)	H32	57
SAN LORENZO SCHOOL	15701 LORENZO AVE	SSE 1/4 - 1/2 (0.383 mi.)	36	60
ROTO ROOTER SEWER SERVICE	14985 WASHINGTON AVE	N 1/4 - 1/2 (0.454 mi.)	I38	62
CHEVRON STATION #5630	997 GRANT AVE	SSE 1/4 - 1/2 (0.482 mi.)	41	67
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHELL	15275 WASHINGTON AVE	NE 0 - 1/8 (0.083 mi.)	C6	18

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GASCO</b>	<b>15201 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D14</b>	<b>27</b>
<b>BP</b>	<b>15199 WASHINGTON AVE</b>	<b>NNE 1/8 - 1/4 (0.138 mi.)</b>	<b>D19</b>	<b>33</b>
<b>FARIA BROTHERS HARDWARE</b>	<b>519 MANOR BLVD</b>	<b>N 1/4 - 1/2 (0.375 mi.)</b>	<b>34</b>	<b>57</b>

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ARCO STATION #601	712 LEWELLING BOULEVARD	SE 0 - 1/8 (0.091 mi.)	7	19
CALTRANS MAINTENANCE YARD	600 LEWELLING BOULEVARD	E 1/4 - 1/2 (0.273 mi.)	33	57
ROTO-ROOTER	14985 WASHINGTON AVE	N 1/4 - 1/2 (0.436 mi.)	I37	62
FOUR STAR LUMBER CO	15444 HESPERIAN BOULEVA	ENE 1/2 - 1 (0.653 mi.)	42	70

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

A review of the DRYCLEANERS list, as provided by EDR, and dated 12/22/2009 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>LOUIES CLEANERS</b>	<b>15225 WASHINGTON AVE</b>	<b>NNE 0 - 1/8 (0.120 mi.)</b>	<b>D9</b>	<b>22</b>

### 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.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are 3 EDR Historical Auto Stations sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COX RICHFIELD SERVICE	712 LEWELLING BLVD	ENE 0 - 1/8 (0.020 mi.)	A2	9
TUCKER S TEXACO SERVICE	698 LEWELLING BLVD	ENE 0 - 1/8 (0.069 mi.)	B4	13
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PETE S HYDRAMATIC SERVICE	620 FARGO AVE	NNE 1/8 - 1/4 (0.137 mi.)	D12	27

## EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
IMPROVEMENT OF LEWELLING BLVD E LE	NPDES
VERN'S SERVICE OF SAN LORENZO	SWEEPS UST
MODERN VEGETABLE CO.	SWEEPS UST
ALVARDO & ST JOHNS STS	CERC-NFRAP
TROJAN POWDER WORKS	CERC-NFRAP
ROBERTS LANDING	VCP, ENVIROSTOR
PASEO GRANDE AVE.	ERNS
PASEO GRANDE AVE.	ERNS
CHERRY GLEN PROPERTY	SLIC
UNKNOWN	SLIC
1735 138TH AVE	US CDL

# OVERVIEW MAP - 2731037.2s



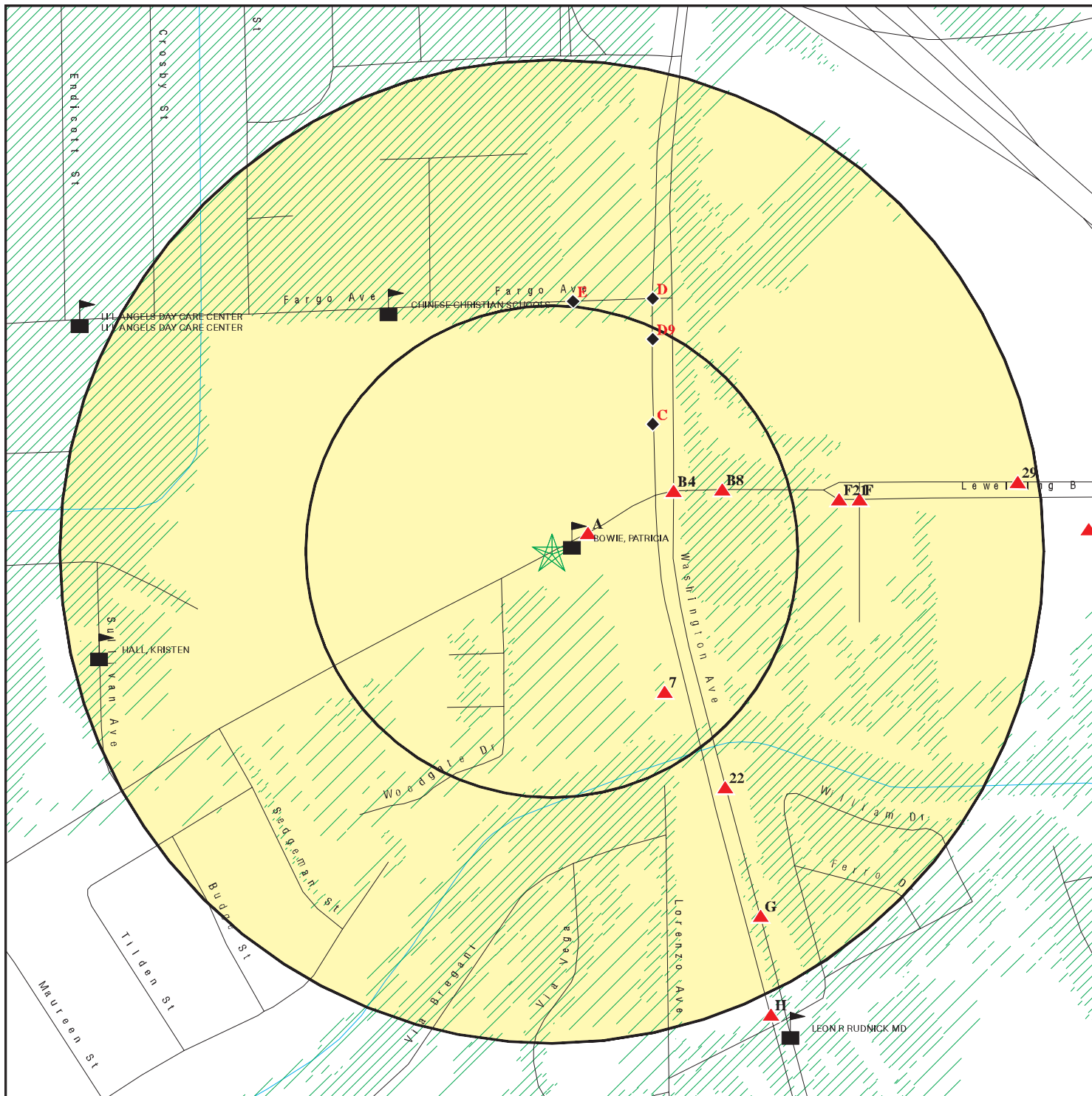
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- ▨ Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- 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: 747 Lewelling Ave  
 ADDRESS: 747 Lewelling Ave  
 San Leandro CA 94579  
 LAT/LONG: 37.6862 / 122.1401

CLIENT: Delta Consultants  
 CONTACT: Abhik Dutta  
 INQUIRY #: 2731037.2s  
 DATE: March 29, 2010 12:30 pm

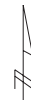
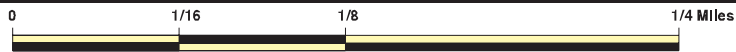
# DETAIL MAP - 2731037.2s



- ★ 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

- ▨ Indian Reservations BIA
- ⚡ Oil & Gas pipelines
- ▨ 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: 747 Lewelling Ave  
 ADDRESS: 747 Lewelling Ave  
 San Leandro CA 94579  
 LAT/LONG: 37.6862 / 122.1401

CLIENT: Delta Consultants  
 CONTACT: Abhik Dutta  
 INQUIRY #: 2731037.2s  
 DATE: March 29, 2010 12:41 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Federal NPL site list</i></b>								
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
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS		1.000	0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	1	2	NR	NR	NR	3
RCRA-CESQG		0.250	0	1	NR	NR	NR	1
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS		TP	NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
RESPONSE		1.000	0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
ENVIROSTOR		1.000	0	0	0	1	NR	1
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF		0.500	0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST		0.500	3	5	7	NR	NR	15
SLIC		0.500	0	1	0	NR	NR	1



## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Alameda County CS		0.500	2	3	4	NR	NR	9
INDIAN LUST		0.500	0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
UST		0.250	0	4	NR	NR	NR	4
AST		0.250	0	1	NR	NR	NR	1
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		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
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
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
<b>Local Lists of Registered Storage Tanks</b>								
CA FID UST	0.250		1	4	NR	NR	NR	5
HIST UST	0.250		2	4	NR	NR	NR	6
SWEEPS UST	0.250		2	5	NR	NR	NR	7
<b>Local Land Records</b>								
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
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS		TP	NR	NR	NR	NR	NR	0
MCS		TP	NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA-NonGen		0.250	0	1	NR	NR	NR	1
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
CA WDS		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	3	4	5	NR	NR	12
Notify 65		1.000	1	0	2	1	NR	4
DRYCLEANERS		0.250	1	0	NR	NR	NR	1
WIP		0.250	0	0	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
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
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
HWP		1.000	0	0	0	0	NR	0
HWT		0.250	0	0	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
PROC		0.500	0	0	0	NR	NR	0
<b>EDR PROPRIETARY RECORDS</b>								
<b>EDR Proprietary Records</b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	2	1	NR	NR	NR	3
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A1  
ENE  
< 1/8  
0.020 mi.  
108 ft.

**KRISHAN GOYAL**  
**712 LEWELLING BLVD**  
**SAN LEANDRO, CA 94579**

**HIST UST**    **U001598540**  
                  **N/A**

**Site 1 of 3 in cluster A**

**Relative:**  
**Equal**

HIST UST:  
Region: STATE  
Facility ID: 00000026944  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0005  
Contact Name: Not reported  
Telephone: 0000000000  
Owner Name: ARCO PETROLEUM PRODUCTS CO.  
Owner Address: 515 SOUTH FLOWER STREET  
Owner City,St,Zip: LOS ANGELES, CA 90071

**Actual:**  
**24 ft.**

Tank Num: 001  
Container Num: 0000000001  
Year Installed: 1961  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Tank Construction: 0000167 inches  
Leak Detection: Stock Inventor, 10

Tank Num: 002  
Container Num: 0000000002  
Year Installed: 1961  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Tank Construction: 0000167 inches  
Leak Detection: Stock Inventor, 10

Tank Num: 003  
Container Num: 0000000003  
Year Installed: 1961  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Tank Construction: 0000240 inches  
Leak Detection: Stock Inventor, 10

Tank Num: 004  
Container Num: 0000000004  
Year Installed: 1961  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Tank Construction: 0000240 inches  
Leak Detection: Stock Inventor, 10

Tank Num: 005  
Container Num: 0000000005  
Year Installed: 1958  
Tank Capacity: 00000120  
Tank Used for: PRODUCT

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**KRISHAN GOYAL (Continued)**

**U001598540**

Type of Fuel: WASTE OIL  
 Tank Construction: 0000093 inches  
 Leak Detection: Stock Inventor

**A2**  
**ENE**  
 < 1/8  
 0.020 mi.  
 108 ft.

**COX RICHFIELD SERVICE**  
**712 LEWELLING BLVD**  
**SAN LEANDRO, CA**

**EDR Historical Auto Stations**

**1009011745**  
**N/A**

**Site 2 of 3 in cluster A**

**Relative:**  
**Equal**

EDR Historical Auto Stations:  
 Name: COX RICHFIELD SERVICE  
 Year: 1959

**Actual:**  
**24 ft.**

Type: GASOLINE STATIONS

**A3**  
**ENE**  
 < 1/8  
 0.020 mi.  
 108 ft.

**ARCO # 00601**  
**712 LEWELLING BLVD**  
**SAN LEANDRO, CA 94579**

**HIST CORTESE**  
**LUST**  
**Alameda County CS**  
**SWEEPS UST**  
**HAZNET**

**S100929897**  
**N/A**

**Site 3 of 3 in cluster A**

**Relative:**  
**Equal**

CORTESE:  
 Region: CORTESE  
 Facility County Code: 1  
 Reg By: LTNKA  
 Reg Id: 01-0116

**Actual:**  
**24 ft.**

**LUST:**

Region: STATE  
 Global Id: T0600100108  
 Latitude: 37.6861212869577  
 Longitude: -122.139440774918  
 Case Type: LUST Cleanup Site  
 Status: Open - Site Assessment  
 Status Date: 2008-11-14 00:00:00  
 Lead Agency: ALAMEDA COUNTY LOP  
 Case Worker: Not reported  
 Local Agency: ALAMEDA COUNTY LOP  
 RB Case Number: 01-0116  
 LOC Case Number: RO0000309  
 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: In January 1990, GeoStrategies, Inc. removed five underground storage tanks (USTs) from the site. In June of 1990, Applied Geosystems installed groundwater monitoring wells MW-1 through MW-3. Soil sample analytical results detected elevated concentrations of TPH-g and benzene, with sheen observed in groundwater monitoring wells MW-1 and MW-3. To further define the extent of contamination, RESNA installed groundwater monitoring wells MW-4 through MW-8 in May 1991. In October 1992, RESNA installed four additional groundwater monitoring wells (MW-11 through MW-14). Soil sample analytical results detected elevated concentrations of TPH-g, TPH-d, and benzene. In June 2003, URS oversaw the dispenser upgrades and associated piping excavation and sampling. Soil sample analytical results detected elevated concentrations of in soil samples. According to URS, approximately

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO # 00601 (Continued)**

**S100929897**

21,000 gallons of water was pumped from the existing UST pit during upgrade work.

LUST REG 2:

Region: 2  
Facility Id: 01-0116  
Facility Status: Pollution Characterization  
Case Number: 4275  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: 9/25/1989  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 6/29/1990  
Pollution Characterization Began: 12/1/1998  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Status: Pollution Characterization  
Record Id: RO0000309  
PE: 5602  
  
Status: Post remedial action monitoring  
Record Id: RO0000309  
PE: 5602

SWEEPS UST:

Status: Not reported  
Comp Number: 26944  
Number: Not reported  
Board Of Equalization: 44-000506  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-026944-000005  
Actv Date: Not reported  
Capacity: 550  
Tank Use: OIL  
Stg: WASTE  
Content: WASTE OIL  
Number Of Tanks: 1  
  
Status: A  
Comp Number: 26944  
Number: 3  
Board Of Equalization: 44-000506  
Ref Date: 06-18-92  
Act Date: 06-18-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: 1-UNL-R

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO # 00601 (Continued)**

**S100929897**

Swrcb Tank Id: 01-007-026944-000001  
Actv Date: 06-18-92  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 4

Status: A  
Comp Number: 26944  
Number: 3  
Board Of Equalization: 44-000506  
Ref Date: 06-18-92  
Act Date: 06-18-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: 2-UNL-R  
Swrcb Tank Id: 01-007-026944-000002  
Actv Date: 06-18-92  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 26944  
Number: 3  
Board Of Equalization: 44-000506  
Ref Date: 06-18-92  
Act Date: 06-18-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: 3-UNL-R  
Swrcb Tank Id: 01-007-026944-000003  
Actv Date: 06-18-92  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 26944  
Number: 3  
Board Of Equalization: 44-000506  
Ref Date: 06-18-92  
Act Date: 06-18-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: 4-UNL-P  
Swrcb Tank Id: 01-007-026944-000004  
Actv Date: 06-18-92  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: PRM UNLEADED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO # 00601 (Continued)**

**S100929897**

Number Of Tanks: Not reported

HAZNET:

Gepaid: CAL000244146  
Contact: RUTH HA / WASTE SPECIALIST  
Telephone: 5035246191  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 80249  
Mailing City,St,Zip: RCHO STA MARG, CA 926880000  
Gen County: Alameda  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Other organic solids  
Disposal Method: H132  
Tons: 0.075  
Facility County: Alameda

Gepaid: CAL000244146  
Contact: RUTH HA / WASTE SPECIALIST  
Telephone: 5035246191  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 80249  
Mailing City,St,Zip: RCHO STA MARG, CA 926880000  
Gen County: Alameda  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: H039  
Tons: 0.2226  
Facility County: Alameda

Gepaid: CAL000244146  
Contact: JACK OMAN WASTE SPECIALIST  
Telephone: 7146703958  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 80249  
Mailing City,St,Zip: RCHO STA MARG, CA 926880000  
Gen County: Alameda  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: H13  
Tons: 0.22  
Facility County: 1

Gepaid: CAL000244146  
Contact: JACK OMAN WASTE SPECIALIST  
Telephone: 7146703958  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 80249  
Mailing City,St,Zip: RCHO STA MARG, CA 926880000  
Gen County: Alameda  
TSD EPA ID: CAT080013352



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ARCO # 00601 (Continued)**

**S100929897**

TSD County: Los Angeles  
 Waste Category: Aqueous solution with less than 10% total organic residues  
 Disposal Method: Recycler  
 Tons: 1.58  
 Facility County: Not reported

Gepaid: CAL000244146  
 Contact: RUTH HA / WASTE SPECIALIST  
 Telephone: 5035246191  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: PO BOX 80249  
 Mailing City,St,Zip: RCHO STA MARG, CA 926880000  
 Gen County: Alameda  
 TSD EPA ID: CAT080013352  
 TSD County: Los Angeles  
 Waste Category: Aqueous solution with less than 10% total organic residues  
 Disposal Method: H135  
 Tons: 1.47  
 Facility County: Alameda

[Click this hyperlink](#) while viewing on your computer to access  
 4 additional CA\_HAZNET: record(s) in the EDR Site Report.

**B4  
 ENE  
 < 1/8  
 0.069 mi.  
 364 ft.**

**TUCKER S TEXACO SERVICE  
 698 LEWELLING BLVD  
 SAN LEANDRO, CA**

**EDR Historical Auto Stations**

**1009014712  
 N/A**

**Site 1 of 2 in cluster B**

**Relative:  
 Equal**

EDR Historical Auto Stations:  
 Name: TUCKER S TEXACO SERVICE  
 Year: 1959  
 Type: GASOLINE STATIONS

**Actual:  
 24 ft.**

**C5  
 NE  
 < 1/8  
 0.083 mi.  
 436 ft.**

**SALEL AUTOMOTIVE SERVICE  
 15245 WASHINGTON AVENUE  
 SAN LEANDRO, CA 94579**

**RCRA-SQG 1000203755  
 FINDS CAD982466088  
 CA FID UST  
 HIST UST  
 SWEEPS UST  
 HAZNET**

**Site 1 of 2 in cluster C**

**Relative:  
 Lower**

RCRA-SQG:  
 Date form received by agency: 09/01/1996  
 Facility name: SALEL AUTOMOTIVE SERVICE  
 Facility address: 15245 WASHINGTON AVENUE  
 SAN LEANDRO, CA 94579  
 EPA ID: CAD982466088  
 Contact: Not reported  
 Contact address: Not reported  
 Not reported  
 Contact country: Not reported  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 09  
 Classification: Small Small Quantity Generator

**Actual:  
 23 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SALEL AUTOMOTIVE SERVICE (Continued)**

**1000203755**

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: LAWRENCE J NOBRIGA  
Owner/operator address: 450 VIN ROSE WAY  
MANTECA, CA 95337  
Owner/operator country: Not reported  
Owner/operator telephone: (209) 823-8676  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: Unknown  
Furnace exemption: Unknown  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Historical Generators:

Date form received by agency: 09/30/1993  
Facility name: SALEL AUTOMOTIVE SERVICE  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002817998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SALEL AUTOMOTIVE SERVICE (Continued)**

**1000203755**

Environmental Interest/Information System

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

CA FID UST:

Facility ID: 01001443  
Regulated By: UTNKI  
Regulated ID: 00010970  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4153518961  
Mail To: Not reported  
Mailing Address: 15275 WASHINGTON AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: SAN LEANDRO 94579  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

HIST UST:

Region: STATE  
Facility ID: 00000010970  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0004  
Contact Name: Not reported  
Telephone: 4153518961  
Owner Name: SHELL OIL COMPANY  
Owner Address: P.O. BOX 4848  
Owner City,St,Zip: ANAHEIM, CA 92803

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor, 10

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: 1/4 inches

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SALEL AUTOMOTIVE SERVICE (Continued)**

**1000203755**

Leak Detection: Stock Inventor, 10

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00007500  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor, 10

Tank Num: 004  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor, 10

**SWEEPS UST:**

Status: Not reported  
Comp Number: 10970  
Number: Not reported  
Board Of Equalization: Not reported  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-010970-000001  
Actv Date: Not reported  
Capacity: 5000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: 4

Status: Not reported  
Comp Number: 10970  
Number: Not reported  
Board Of Equalization: Not reported  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-010970-000002  
Actv Date: Not reported  
Capacity: 5000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: LEADED  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 10970

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SALEL AUTOMOTIVE SERVICE (Continued)**

**1000203755**

Number: Not reported  
Board Of Equalization: Not reported  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-010970-000003  
Actv Date: Not reported  
Capacity: 7500  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 10970  
Number: Not reported  
Board Of Equalization: Not reported  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-010970-000004  
Actv Date: Not reported  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

**HAZNET:**

Gepaid: CAD982466088  
Contact: LAWRENCE J NOBRIGA  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15275 WASHINGTON AVENUE  
Mailing City,St,Zip: SAN LEANDRO, CA 945790000  
Gen County: 1  
TSD EPA ID: CAD980887418  
TSD County: 1  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Transfer Station  
Tons: 1.0425  
Facility County: 1

Gepaid: CAD982466088  
Contact: LAWRENCE J NOBRIGA  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15275 WASHINGTON AVENUE  
Mailing City,St,Zip: SAN LEANDRO, CA 945790000  
Gen County: 1  
TSD EPA ID: CAD980887418

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SALEL AUTOMOTIVE SERVICE (Continued)**

**1000203755**

TSD County: 1  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Transfer Station  
Tons: 1.5846  
Facility County: 1

**C6  
NE  
< 1/8  
0.083 mi.  
436 ft.**

**SHELL  
15275 WASHINGTON AVE  
SAN LEANDRO, CA 94579**

**HIST CORTESE  
LUST  
Alameda County CS**

**S105126368  
N/A**

**Site 2 of 2 in cluster C**

**Relative:  
Lower**

**CORTESE:**  
Region: CORTESE  
Facility County Code: Not reported  
Reg By: Not reported  
Reg Id: Not reported

**Actual:  
23 ft.**

**LUST:**  
Region: STATE  
Global Id: T0600101226  
Latitude: 37.686690542  
Longitude: -122.1391195  
Case Type: LUST Cleanup Site  
Status: Open - Site Assessment  
Status Date: 1987-06-24 00:00:00  
Lead Agency: ALAMEDA COUNTY LOP  
Case Worker: Not reported  
Local Agency: ALAMEDA COUNTY LOP  
RB Case Number: 01-1331  
LOC Case Number: RO0000372  
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

**LUST REG 2:**

Region: 2  
Facility Id: 01-1331  
Facility Status: Remediation Plan  
Case Number: 1507  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 6/18/1985  
Pollution Characterization Began: 11/4/1988  
Pollution Remediation Plan Submitted: 1/22/1998  
Date Remediation Action Underway: Not reported  
Date Post Remedial Action Monitoring Began: Not reported

**Alameda County CS:**

Status: Pollution Characterization  
Record Id: RO0000372

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SHELL (Continued)**

**S105126368**

PE: 5602

Status: Preliminary site assessment workplan submitted  
 Record Id: RO0000372  
 PE: 5602

Status: Leak being confirmed  
 Record Id: RO0000372  
 PE: 5602

Status: Preliminary site assessment underway  
 Record Id: RO0000372  
 PE: 5602

**7**  
**SE**  
 < 1/8  
 0.091 mi.  
 481 ft.

**ARCO STATION #601**  
**712 LEWELLING BOULEVARD**  
**SAN LEANDRO, CA 92584**

**Notify 65** **S100179225**  
**N/A**

**Relative:**  
**Higher**

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

**Actual:**  
**26 ft.**

**B8**  
**ENE**  
 < 1/8  
 0.092 mi.  
 485 ft.

**GREENHOUSE PLAZA**  
**699 LEWELLING BLVD**  
**SAN LEANDRO, CA 94579**

**HIST CORTESE** **S101306756**  
**LUST** **N/A**  
**HAZNET**

**Site 2 of 2 in cluster B**

**Relative:**  
**Higher**

CORTESE:  
 Region: CORTESE  
 Facility County Code: 1  
 Reg By: LTNKA  
 Reg Id: 01-0720

**Actual:**  
**25 ft.**

**LUST:**

Region: STATE  
 Global Id: T0600100664  
 Latitude: 37.6840406  
 Longitude: -122.144779  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 1995-10-11 00:00:00  
 Lead Agency: SAN LEANDRO, CITY OF  
 Case Worker: Not reported  
 Local Agency: SAN LEANDRO, CITY OF  
 RB Case Number: 01-0720  
 LOC Case Number: 01-0720  
 File Location: Not reported  
 Potential Media Affect: Under Investigation  
 Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENHOUSE PLAZA (Continued)**

**S101306756**

Site History: Not reported

LUST REG 2:

Region: 2  
Facility Id: 01-0720  
Facility Status: Case Closed  
Case Number: 01-0720  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment 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

HAZNET:

Gepaid: CAC002627404  
Contact: PETER OGDEN  
Telephone: 5102341912  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 1090 FACTORY ST  
Mailing City,St,Zip: RICHMOND, CA 948012160  
Gen County: Alameda  
TSD EPA ID: CAD980884183  
TSD County: Sacramento  
Waste Category: Unspecified oil-containing waste  
Disposal Method: H141  
Tons: 0.69305  
Facility County: Alameda

Gepaid: CAL930275887  
Contact: LONGS DRUG STORE CALIF, INC  
Telephone: 9259371170  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 141 N CIVIC DR  
Mailing City,St,Zip: WALNUT CREEK, CA 945960000  
Gen County: 1  
TSD EPA ID: CAD003963592  
TSD County: Santa Clara  
Waste Category: Other inorganic solid waste  
Disposal Method: Not reported  
Tons: .0100  
Facility County: 1

Gepaid: CAL930275887  
Contact: LONGS DRUG STORE CALIF, INC  
Telephone: 9259371170  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 141 N CIVIC DR



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREENHOUSE PLAZA (Continued)**

**S101306756**

Mailing City,St,Zip: WALNUT CREEK, CA 945960000  
Gen County: 1  
TSD EPA ID: CAD003963592  
TSD County: Santa Clara  
Waste Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals  
(antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt,  
copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium,  
vanadium, and zinc)  
Disposal Method: Recycler  
Tons: .1000  
Facility County: 1  
  
Gepaid: CAL930275887  
Contact: LONGS DRUG STORE CALIF, INC  
Telephone: 9259371170  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 141 N CIVIC DR  
Mailing City,St,Zip: WALNUT CREEK, CA 945960000  
Gen County: 1  
TSD EPA ID: CAD003963592  
TSD County: Santa Clara  
Waste Category: Metal sludge - Alkaline solution (pH <UN-> 12.5) with metals  
(antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt,  
copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium,  
vanadium, and zinc)  
Disposal Method: Not reported  
Tons: .1025  
Facility County: 1  
  
Gepaid: CAL930275887  
Contact: LONGS DRUG STORE CALIF, INC  
Telephone: 9259371170  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 141 N CIVIC DR  
Mailing City,St,Zip: WALNUT CREEK, CA 945960000  
Gen County: 1  
TSD EPA ID: CA0000084517  
TSD County: Sacramento  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Not reported  
Tons: .0208  
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access  
14 additional CA\_HAZNET: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D9  
NNE  
< 1/8  
0.120 mi.  
631 ft.

**LOUIES CLEANERS**  
**15225 WASHINGTON AVE**  
**SAN LEANDRO, CA 94579**

**DRYCLEANERS** 1000249643  
**HAZNET** N/A

**Site 1 of 10 in cluster D**

**Relative:**  
**Lower**

DRYCLEANERS:

**Actual:**  
**23 ft.**

EPA Id: CAD981657190  
NAICS Code: Not reported  
NAICS Description: Not reported  
SIC Code: Not reported  
SIC Description: Not reported  
Create Date: 4/10/1987  
Facility Active: No  
Inactive Date: 6/30/1997  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15225 WASHINGTON AVE  
Mailing Address 2: Not reported  
Mailing State: CA  
Mailing Zip: 945791810  
Region Code: 2  
Owner Name: LOUIES CLEANERS  
Owner Address: 15225 WASHINGTON AVE  
Owner Address 2: Not reported  
Owner Telephone: 4153526156  
Contact Name: UNDELIVERABLE PER VF97 AH  
Contact Address: 15225 WASHINGTON AVE  
Contact Address 2: Not reported  
Contact Telephone: 4153526156

EPA Id: CAL000316679  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7212  
SIC Description: Garment Pressing, and Agents for Laundries and Drycleaners  
Create Date: 2/21/2007 1:25:00 PM  
Facility Active: Yes  
Inactive Date: Not reported  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15225 WASHINGTON AVE  
Mailing Address 2: Not reported  
Mailing State: CA  
Mailing Zip: 945791810  
Region Code: 2  
Owner Name: ROBERT UM  
Owner Address: 2303 CLEMENTE LN  
Owner Address 2: Not reported  
Owner Telephone: 5108256131  
Contact Name: ROBERT UM  
Contact Address: 15225 WASHINGTON AVE  
Contact Address 2: Not reported  
Contact Telephone: 5103526156

EPA Id: CAL000048455  
NAICS Code: Not reported  
NAICS Description: Not reported  
SIC Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUIES CLEANERS (Continued)**

**1000249643**

SIC Description: Not reported  
Create Date: 6/25/1991  
Facility Active: No  
Inactive Date: 6/30/2008  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15225 WASHINGTON AVE  
Mailing Address 2: Not reported  
Mailing State: CA  
Mailing Zip: 945791810  
Region Code: 2  
Owner Name: SUNG Y. YOO  
Owner Address: 15225 WASHINGTON AVE  
Owner Address 2: Not reported  
Owner Telephone: 5103526156  
Contact Name: SUNG Y YOO OWNER  
Contact Address: 15225 WASHINGTON AVE  
Contact Address 2: Not reported  
Contact Telephone: 5103526156

EPA Id: CAL000316679  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7216  
SIC Description: Drycleaning Plants, Except Rug Cleaning  
Create Date: 2/21/2007 1:25:00 PM  
Facility Active: Yes  
Inactive Date: Not reported  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15225 WASHINGTON AVE  
Mailing Address 2: Not reported  
Mailing State: CA  
Mailing Zip: 945791810  
Region Code: 2  
Owner Name: ROBERT UM  
Owner Address: 2303 CLEMENTE LN  
Owner Address 2: Not reported  
Owner Telephone: 5108256131  
Contact Name: ROBERT UM  
Contact Address: 15225 WASHINGTON AVE  
Contact Address 2: Not reported  
Contact Telephone: 5103526156

EPA Id: CAL000316679  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7389  
SIC Description: Business Services, NEC (apparel pressing service for the trade)  
Create Date: 2/21/2007 1:25:00 PM  
Facility Active: Yes  
Inactive Date: Not reported  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15225 WASHINGTON AVE  
Mailing Address 2: Not reported  
Mailing State: CA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUIES CLEANERS (Continued)**

**1000249643**

Mailing Zip: 945791810  
Region Code: 2  
Owner Name: ROBERT UM  
Owner Address: 2303 CLEMENTE LN  
Owner Address 2: Not reported  
Owner Telephone: 5108256131  
Contact Name: ROBERT UM  
Contact Address: 15225 WASHINGTON AVE  
Contact Address 2: Not reported  
Contact Telephone: 5103526156

EPA Id: CAL000316679  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7211  
SIC Description: Power Laundries, Family and Commercial  
Create Date: 2/21/2007 1:25:00 PM  
Facility Active: Yes  
Inactive Date: Not reported  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15225 WASHINGTON AVE  
Mailing Address 2: Not reported  
Mailing State: CA  
Mailing Zip: 945791810  
Region Code: 2  
Owner Name: ROBERT UM  
Owner Address: 2303 CLEMENTE LN  
Owner Address 2: Not reported  
Owner Telephone: 5108256131  
Contact Name: ROBERT UM  
Contact Address: 15225 WASHINGTON AVE  
Contact Address 2: Not reported  
Contact Telephone: 5103526156

EPA Id: CAL000316679  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7219  
SIC Description: Laundry and Garment Services, NEC (except diaper service and clothing alteration and repair)  
Create Date: 2/21/2007 1:25:00 PM  
Facility Active: Yes  
Inactive Date: Not reported  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15225 WASHINGTON AVE  
Mailing Address 2: Not reported  
Mailing State: CA  
Mailing Zip: 945791810  
Region Code: 2  
Owner Name: ROBERT UM  
Owner Address: 2303 CLEMENTE LN  
Owner Address 2: Not reported  
Owner Telephone: 5108256131  
Contact Name: ROBERT UM  
Contact Address: 15225 WASHINGTON AVE  
Contact Address 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LOUIES CLEANERS (Continued)**

**1000249643**

Contact Telephone: 5103526156

HAZNET:

Gepaid: CAD981657190  
Contact: LOUIES CLEANERS  
Telephone: 4153526156  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15225 WASHINGTON AVE  
Mailing City,St,Zip: SAN LEANDRO, CA 945791810  
Gen County: 1  
TSD EPA ID: CAD053044053  
TSD County: 1  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Not reported  
Tons: .3900  
Facility County: 1

Gepaid: CAD981657190  
Contact: LOUIES CLEANERS  
Telephone: 4153526156  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15225 WASHINGTON AVE  
Mailing City,St,Zip: SAN LEANDRO, CA 945791810  
Gen County: 1  
TSD EPA ID: CAD053044053  
TSD County: 1  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Transfer Station  
Tons: .3900  
Facility County: 1

Gepaid: CAD981657190  
Contact: LOUIES CLEANERS  
Telephone: 4153526156  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15225 WASHINGTON AVE  
Mailing City,St,Zip: SAN LEANDRO, CA 945791810  
Gen County: 1  
TSD EPA ID: CAD053044053  
TSD County: 1  
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Not reported  
Tons: .1675  
Facility County: 1

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E10**      **FIRE STATION #5**  
**North**    **637 FARGO AVE**  
**1/8-1/4**   **SAN LEANDRO, CA 94578**  
**0.128 mi.**  
**674 ft.**    **Site 1 of 2 in cluster E**

**HIST UST**    **U001598512**  
                   **N/A**

**Relative:**      HIST UST:  
**Lower**            Region:            STATE  
                      Facility ID:        00000032180  
**Actual:**        Facility Type:     Other  
**22 ft.**            Other Type:        FIRE STATION  
                      Total Tanks:      0001  
                      Contact Name:    Not reported  
                      Telephone:        4155773309  
                      Owner Name:      CITY OF SAN LEANDRO  
                      Owner Address:   835 EAST 14TH STREET  
                      Owner City,St,Zip: SAN LEANDRO, CA 94577

                     Tank Num:         001  
                      Container Num:   STATION 5-  
                      Year Installed:   Not reported  
                      Tank Capacity:   00000550  
                      Tank Used for:    PRODUCT  
                      Type of Fuel:     DIESEL  
                      Tank Construction: Not reported  
                      Leak Detection:   None

**E11**      **FIRE STATION #5**  
**North**    **637 FARGO AVE**  
**1/8-1/4**   **SAN LEANDRO, CA 94578**  
**0.128 mi.**  
**674 ft.**    **Site 2 of 2 in cluster E**

**CA FID UST**    **S101630335**  
**SWEEPS UST**   **N/A**

**Relative:**      CA FID UST:  
**Lower**            Facility ID:        01002395  
                      Regulated By:    UTKNI  
**Actual:**        Regulated ID:     00032180  
**22 ft.**            Cortese Code:     Not reported  
                      SIC Code:         Not reported  
                      Facility Phone:    4155773309  
                      Mail To:           Not reported  
                      Mailing Address:  637 FARGO AVE  
                      Mailing Address 2: Not reported  
                      Mailing City,St,Zip: SAN LEANDRO 94578  
                      Contact:           Not reported  
                      Contact Phone:    Not reported  
                      DUNs Number:    Not reported  
                      NPDES Number:   Not reported  
                      EPA ID:            Not reported  
                      Comments:        Not reported  
                      Status:            Inactive

                     SWEEPS UST:  
                      Status:            Not reported  
                      Comp Number:    32180  
                      Number:           Not reported  
                      Board Of Equalization: 44-001115  
                      Ref Date:         Not reported  
                      Act Date:         Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRE STATION #5 (Continued)**

**S101630335**

Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-032180-000001  
Actv Date: Not reported  
Capacity: 550  
Tank Use: M.V. FUEL  
Stg: PRODUCT  
Content: DIESEL  
Number Of Tanks: 1

D12  
NNE  
1/8-1/4  
0.137 mi.  
723 ft.

**PETE S HYDRAMATIC SERVICE  
620 FARGO AVE  
SAN LEANDRO, CA**

**EDR Historical Auto Stations 1009014693  
N/A**

**Site 2 of 10 in cluster D**

**Relative:  
Lower**

EDR Historical Auto Stations:  
Name: PETE S HYDRAMATIC SERVICE  
Year: 1959  
Type: AUTOMOBILE REPAIRING

**Actual:  
23 ft.**

D13  
NNE  
1/8-1/4  
0.138 mi.  
731 ft.

**TECHCO GAS  
15201 WASHINGTON AVE.  
SAN LEANDRO, CA 94579**

**UST U003776630  
N/A**

**Site 3 of 10 in cluster D**

**Relative:  
Lower**

UST:  
Global ID: 1131  
Latitude: 37.68794  
Longitude: -122.13918

**Actual:  
23 ft.**

D14  
NNE  
1/8-1/4  
0.138 mi.  
731 ft.

**GASCO  
15201 WASHINGTON AVE  
SAN LEANDRO, CA 94578**

**HIST CORTESE S101624173  
LUST N/A  
CA FID UST  
Alameda County CS  
SWEEPS UST**

**Site 4 of 10 in cluster D**

**Relative:  
Lower**

CORTESE:  
Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-0684

**Actual:  
23 ft.**

LUST:  
Region: STATE  
Global Id: T0600100629  
Latitude: 37.687658904  
Longitude: -122.139259  
Case Type: LUST Cleanup Site  
Status: Open - Remediation  
Status Date: 2009-12-07 00:00:00  
Lead Agency: SAN LEANDRO, CITY OF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASCO (Continued)**

**S101624173**

Case Worker: Not reported  
Local Agency: SAN LEANDRO, CITY OF  
RB Case Number: 01-0684  
LOC Case Number: 1176  
File Location: Not reported  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

**LUST REG 2:**

Region: 2  
Facility Id: 01-0684  
Facility Status: Preliminary site assessment underway  
Case Number: 1176  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: 4/27/1990  
Oversight Program: LUST  
Prelim. Site Assessment Wokplan Submitted: 9/6/1988  
Preliminary Site Assessment Began: 4/15/2003  
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: 01000807  
Regulated By: UTNKA  
Regulated ID: 00009206  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4153519816  
Mail To: Not reported  
Mailing Address: P O BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: SAN LEANDRO 94579  
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: Case Transferred  
Record Id: RO0000799  
PE: 5602

**SWEEPS UST:**

Status: A  
Comp Number: 9206  
Number: 3  
Board Of Equalization: 44-001067



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASCO (Continued)**

**S101624173**

Ref Date: 03-09-93  
Act Date: 06-09-93  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: #1  
Swrcb Tank Id: 01-007-009206-000001  
Actv Date: 07-01-85  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: P  
Content: LEADED  
Number Of Tanks: 4

Status: A  
Comp Number: 9206  
Number: 3  
Board Of Equalization: 44-001067  
Ref Date: 03-09-93  
Act Date: 06-09-93  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: #2  
Swrcb Tank Id: 01-007-009206-000002  
Actv Date: 07-01-85  
Capacity: 3000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 9206  
Number: 3  
Board Of Equalization: 44-001067  
Ref Date: 03-09-93  
Act Date: 06-09-93  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: #3  
Swrcb Tank Id: 01-007-009206-000003  
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: 9206  
Number: 3  
Board Of Equalization: 44-001067  
Ref Date: 03-09-93  
Act Date: 06-09-93  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: #4  
Swrcb Tank Id: 01-007-009206-000004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GASCO (Continued)**

**S101624173**

Actv Date: 07-01-85  
Capacity: 280  
Tank Use: OIL  
Stg: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

**D15  
NNE  
1/8-1/4  
0.138 mi.  
731 ft.**

**MOBIL SERVICE STATION  
15199 WASHINGTON AVE  
SAN LEANDRO, CA 94579**

**HIST UST U001598542  
N/A**

**Site 5 of 10 in cluster D**

**Relative:  
Lower**

HIST UST:

Region: STATE  
Facility ID: 00000039551  
Facility Type: Gas Station  
Other Type: MOTOR VEHICLE FUEL S  
Total Tanks: 0004  
Contact Name: KENNETH WRIGHT  
Telephone: 4153518640  
Owner Name: MOBIL OIL CORPORATION  
Owner Address: 612 SO. FLOWER STREET  
Owner City,St,Zip: LOS ANGELES, CA 90017

**Actual:  
23 ft.**

Tank Num: 001  
Container Num: 1  
Year Installed: 1983  
Tank Capacity: 00012000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 002  
Container Num: 2  
Year Installed: 1983  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 003  
Container Num: 3  
Year Installed: 1983  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 004  
Container Num: 4  
Year Installed: 1963  
Tank Capacity: 00000280  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL SERVICE STATION (Continued)**

**U001598542**

Tank Construction: Not reported  
Leak Detection: Visual

**D16**  
**NNE**  
**1/8-1/4**  
**0.138 mi.**  
**731 ft.**

**CLOSED #798**  
**15201 WASHINGTON AVE**  
**SAN LEANDRO, CA 94579**

**HIST UST** **U001598538**  
**N/A**

**Site 6 of 10 in cluster D**

**Relative:**  
**Lower**

HIST UST:

**Actual:**  
**23 ft.**

Region: STATE  
Facility ID: 00000009206  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0004  
Contact Name: ARCHULETA, NEDDIE  
Telephone: 4153519816  
Owner Name: DESERT PETROLEUM, INC.  
Owner Address: POST OFFICE BOX 1601  
Owner City,St,Zip: OXNARD, CA 93032

Tank Num: 001  
Container Num: #1  
Year Installed: Not reported  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: #2  
Year Installed: Not reported  
Tank Capacity: 00003000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: #3  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: #4  
Year Installed: Not reported  
Tank Capacity: 00000280  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: 1/4 inches  
Leak Detection: None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D17  
NNE  
1/8-1/4  
0.138 mi.  
731 ft.

**TOSCO NORTHWEST CO NO 11106**  
**15199 WASHINGTON AVE**  
**SAN LEANDRO, CA 94579**  
**Site 7 of 10 in cluster D**

**RCRA-SQG 1000984901**  
**FINDS CAR000000109**  
**UST**

**Relative:**  
**Lower**

RCRA-SQG:

Date form received by agency: 02/09/1995  
Facility name: TOSCO NORTHWEST CO NO 11106  
Facility address: 15199 WASHINGTON AVE  
SAN LEANDRO, CA 94579  
EPA ID: CAR000000109  
Mailing address: UNION ST STE 2500  
SEATTLE, WA 98101  
Contact: LYNN CHUN  
Contact address: 601 UNION ST STE 2500  
SEATTLE, WA 98101  
Contact country: US  
Contact telephone: (206) 442-7193  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Actual:**  
**23 ft.**

Owner/Operator Summary:

Owner/operator name: TOSCO NORTHWEST CO  
Owner/operator address: 601 UNION ST STE 2500  
SEATTLE, WA 98101  
Owner/operator country: Not reported  
Owner/operator telephone: (206) 442-7000  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TOSCO NORTHWEST CO NO 11106 (Continued)**

**1000984901**

**FINDS:**

Registry ID: 110002904082

**Environmental Interest/Information System**

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

**UST:**

Global ID: 1130  
 Latitude: 37.68818  
 Longitude: -122.13918

**D18**  
**NNE**  
**1/8-1/4**  
**0.138 mi.**  
**731 ft.**

**MASH PETROLEUM**  
**15201 WASHINGTON**  
**SAN LEANDRO, CA 94578**

**Site 8 of 10 in cluster D**

**LUST S107472962**  
**N/A**

**Relative:**  
**Lower**

**LUST:**

Region: STATE  
 Global Id: T0600172631  
 Latitude: 37.687793  
 Longitude: -122.139514  
 Case Type: LUST Cleanup Site  
 Status: Open - Site Assessment  
 Status Date: 2003-10-06 00:00:00  
 Lead Agency: SAN LEANDRO, CITY OF  
 Case Worker: Not reported  
 Local Agency: SAN LEANDRO, CITY OF  
 RB Case Number: Not reported  
 LOC Case Number: CS10281  
 File Location: Not reported  
 Potential Media Affect: Other Groundwater (uses other than drinking water)  
 Potential Contaminants of Concern: Gasoline  
 Site History: Not reported

**Actual:**  
**23 ft.**

**D19**  
**NNE**  
**1/8-1/4**  
**0.138 mi.**  
**731 ft.**

**BP**  
**15199 WASHINGTON AVE**  
**SAN LEANDRO, CA 94579**

**Site 9 of 10 in cluster D**

**HIST CORTESE S101580088**  
**LUST N/A**  
**CA FID UST**  
**Alameda County CS**  
**SWEEPS UST**  
**HAZNET**

**Relative:**  
**Lower**

**CORTESE:**

Region: CORTESE  
 Facility County Code: 1  
 Reg By: LTNKA  
 Reg Id: 01-0990

**Actual:**  
**23 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP (Continued)**

**S101580088**

LUST:

Region: STATE  
Global Id: T0600143927  
Latitude: 37.688289  
Longitude: -122.139555  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 2003-11-12 00:00:00  
Lead Agency: SAN LEANDRO, CITY OF  
Case Worker: Not reported  
Local Agency: SAN LEANDRO, CITY OF  
RB Case Number: 01-0990  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Region: STATE  
Global Id: T0600100913  
Latitude: 37.7063853  
Longitude: -122.1441478  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1997-12-05 00:00:00  
Lead Agency: ALAMEDA COUNTY LOP  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-0990  
LOC Case Number: 1177  
File Location: Not reported  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST REG 2:

Region: 2  
Facility Id: 01-0990  
Facility Status: Case Closed  
Case Number: 1177  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: 3/19/1993  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: 1/30/1986  
Preliminary Site Assessment Began: 5/9/1986  
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: 01001110  
Regulated By: UTNKA  
Regulated ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP (Continued)**

**S101580088**

Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 5104836826  
Mail To: Not reported  
Mailing Address: 2868 PROSPECT DR  
Mailing Address 2: Not reported  
Mailing City,St,Zip: SAN LORENZO 94580  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

Facility ID: 01001110  
Regulated By: UTNKA  
Regulated ID: 00039551  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: Not reported  
Mail To: Not reported  
Mailing Address: 2868 PROSPECT DR  
Mailing Address 2: Not reported  
Mailing City,St,Zip: SAN LEANDRO 94579  
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: Case Transferred  
Record Id: RO0000967  
PE: 5602

SWEEPS UST:

Status: A  
Comp Number: 39551  
Number: 1  
Board Of Equalization: 44-000400  
Ref Date: 07-16-91  
Act Date: 07-16-91  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-039551-000001  
Actv Date: 07-16-91  
Capacity: 12000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP (Continued)**

**S101580088**

Status: A  
Comp Number: 39551  
Number: 1  
Board Of Equalization: 44-000400  
Ref Date: 07-16-91  
Act Date: 07-16-91  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-039551-000002  
Actv Date: 07-16-91  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 39551  
Number: 1  
Board Of Equalization: 44-000400  
Ref Date: 07-16-91  
Act Date: 07-16-91  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-039551-000003  
Actv Date: 07-16-91  
Capacity: 6000  
Tank Use: M.V. FUEL  
Stg: P  
Content: LEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 39551  
Number: 1  
Board Of Equalization: 44-000400  
Ref Date: 07-16-91  
Act Date: 07-16-91  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-039551-000004  
Actv Date: 07-16-91  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**HAZNET:**

Gepaid: CAL000039084  
Contact: TOSCO NORTHWEST COMPANY  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP (Continued)**

**S101580088**

Mailing Address: 601 UNION STREET  
Mailing City,St,Zip: SEATTLE, WA 981010000  
Gen County: 1  
TSD EPA ID: CAD043260702  
TSD County: San Mateo  
Waste Category: Unspecified oil-containing waste  
Disposal Method: Not reported  
Tons: .2919  
Facility County: 1

Gepaid: CAL000035444  
Contact: BP OIL COMPANY  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 2868 PROSPECT PARK DR #360  
Mailing City,St,Zip: RANCHO CORDOVA, CA 956700000  
Gen County: 1  
TSD EPA ID: CAD050806850  
TSD County: Los Angeles  
Waste Category: Alkaline solution without metals (pH > 12.5)  
Disposal Method: Transfer Station  
Tons: .1000  
Facility County: 1

**D20**  
**NNE**  
**1/8-1/4**  
**0.138 mi.**  
**731 ft.**

**BP OIL CO FACILITY NO 11106**  
**15199 WASHINGTON**  
**SAN LORENZO, CA 94580**

**SWEEPS UST** **S106923511**  
**N/A**

**Site 10 of 10 in cluster D**

**Relative:**  
**Lower**

**SWEEPS UST:**  
Status: A  
Comp Number: 503  
Number: 1  
Board Of Equalization: Not reported  
Ref Date: 01-28-92  
Act Date: 01-28-92  
Created Date: 01-28-92  
Tank Status: A  
Owner Tank Id: 1  
Swrcb Tank Id: 01-000-000503-000001  
Actv Date: 01-28-92  
Capacity: 6000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 4

**Actual:**  
**23 ft.**

Status: A  
Comp Number: 503  
Number: 1  
Board Of Equalization: Not reported  
Ref Date: 01-28-92  
Act Date: 01-28-92  
Created Date: 01-28-92  
Tank Status: A  
Owner Tank Id: 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BP OIL CO FACILITY NO 11106 (Continued)**

**S106923511**

Swrcb Tank Id: 01-000-000503-000002  
Actv Date: 01-28-92  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 503  
Number: 1  
Board Of Equalization: Not reported  
Ref Date: 01-28-92  
Act Date: 01-28-92  
Created Date: 01-28-92  
Tank Status: A  
Owner Tank Id: 3  
Swrcb Tank Id: 01-000-000503-000003  
Actv Date: 01-28-92  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 503  
Number: 1  
Board Of Equalization: Not reported  
Ref Date: 01-28-92  
Act Date: 01-28-92  
Created Date: 01-28-92  
Tank Status: A  
Owner Tank Id: 4  
Swrcb Tank Id: 01-000-000503-000004  
Actv Date: 01-28-92  
Capacity: 12000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**F21  
East  
1/8-1/4  
0.148 mi.  
781 ft.**

**ENGINE RESEARCH COMPANY  
610 E LEWELLING BLVD  
SAN LORENZO, CA**

**UST U003996107  
N/A**

**Site 1 of 5 in cluster F**

**Relative:  
Higher**

ALAMEDA CO. UST:  
Facility ID: FA0302707  
Program Element: 4109  
Facility Status: Active  
Description: UST - 9  
Inspection Date: 12/29/2010  
Closed: Not reported  
Owner Name: RICK GOLD

**Actual:  
27 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

22  
SE  
1/8-1/4  
0.148 mi.  
784 ft.

**WALGREENS 2426**  
**15500 WASHINGTON AVE**  
**SAN LEANDRO, CA 94579**

**RCRA-NonGen** 1000857861  
**FINDS** CAD983673112  
**HAZNET**

**Relative:**  
**Higher**

RCRA-NonGen:

Date form received by agency: 02/07/2002  
Facility name: WALGREENS 2426  
Facility address: 15500 WASHINGTON AVE  
SAN LEANDRO, CA 94579  
EPA ID: CAD983673112  
Mailing address: C/O QUALEX INC  
4020 STIRRUP CREEK DR STE 211  
DURHAM, NC 27703  
Contact: KENNETH J MCKEVENY  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (919) 484-3647  
Contact email: Not reported  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:**  
**27 ft.**

Owner/Operator Summary:

Owner/operator name: WALGREENS CO  
Owner/operator address: 200 WILMOT RD  
DEERFIELD, CA 60015  
Owner/operator country: Not reported  
Owner/operator telephone: (708) 940-2500  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: Unknown  
Transporter of hazardous waste: Unknown  
Treater, storer or disposer of HW: No  
Underground injection activity: Unknown  
On-site burner exemption: Unknown  
Furnace exemption: Unknown  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries  
Accumulated waste on-site: Unknown  
Generated waste on-site: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS 2426 (Continued)**

**1000857861**

Waste type: Lamps  
Accumulated waste on-site: Unknown  
Generated waste on-site: Unknown

Waste type: Pesticides  
Accumulated waste on-site: Unknown  
Generated waste on-site: Unknown

Waste type: Thermostats  
Accumulated waste on-site: Unknown  
Generated waste on-site: Unknown

Historical Generators:

Date form received by agency: 02/07/2002  
Facility name: WALGREENS 2426  
Classification: Large Quantity Generator

Date form received by agency: 08/06/1993  
Facility name: WALGREENS 2426  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002902770

Environmental Interest/Information System

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

HAZNET:

Gepaid: CAD983673112  
Contact: WALGREEN COMPANY  
Telephone: 8479143143  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 4020 STIRRUP CREEK DRIVE STE 211  
Mailing City, St, Zip: DURHAM, NC 277031839  
Gen County: 1  
TSD EPA ID: CAD070148432  
TSD County: 1  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Treatment, Incineration  
Tons: 1.0008  
Facility County: 1

Gepaid: CAD983673112  
Contact: WALGREEN COMPANY  
Telephone: 8479143143  
Facility Addr2: Not reported  
Mailing Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS 2426 (Continued)**

**1000857861**

Mailing Address: 4020 STIRRUP CREEK DRIVE STE 211  
Mailing City,St,Zip: DURHAM, NC 277031839  
Gen County: 1  
TSD EPA ID: CAD981402522  
TSD County: Kern  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Recycler  
Tons: 5.6124  
Facility County: 1

Gepaid: CAD983673112  
Contact: WALGREEN COMPANY  
Telephone: 8479143143  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 4020 STIRRUP CREEK DRIVE STE 211  
Mailing City,St,Zip: DURHAM, NC 277031839  
Gen County: 1  
TSD EPA ID: CAD981402522  
TSD County: Kern  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Not reported  
Tons: 0.2502  
Facility County: 1

Gepaid: CAD983673112  
Contact: WALGREEN COMPANY  
Telephone: 8479143143  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 4020 STIRRUP CREEK DRIVE STE 211  
Mailing City,St,Zip: DURHAM, NC 277031839  
Gen County: 1  
TSD EPA ID: CAD981402522  
TSD County: Kern  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Recycler  
Tons: 7.0842  
Facility County: 1

Gepaid: CAD983673112  
Contact: WALGREEN COMPANY  
Telephone: 8479143143  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 4020 STIRRUP CREEK DRIVE STE 211  
Mailing City,St,Zip: DURHAM, NC 277031839  
Gen County: 1  
TSD EPA ID: CAD070148432  
TSD County: 1  
Waste Category: Photochemicals/photoprocessing waste  
Disposal Method: Treatment, Incineration  
Tons: .6879  
Facility County: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS 2426 (Continued)**

**1000857861**

[Click this hyperlink](#) while viewing on your computer to access  
14 additional CA\_HAZNET: record(s) in the EDR Site Report.

**F23**  
**East**  
**1/8-1/4**  
**0.158 mi.**  
**836 ft.**

**CALTRANS DISTRICT 4**  
**600 LEWELLING BLVD**  
**SAN LEANDRO, CA 94577**

**RCRA-SQG**  
**FINDS**  
**HAZNET**

**1000419508**  
**CAD982029381**

**Site 2 of 5 in cluster F**

**Relative:**  
**Higher**

RCRA-SQG:

**Actual:**  
**27 ft.**

Date form received by agency: 10/12/2000  
Facility name: CALTRANS DISTRICT 4  
Site name: CALTRANS- SFOBB  
Facility address: 435 BEALE STREET  
SAN FRANCISCO, CA 94108  
EPA ID: CAD982029381  
Contact: NEIL LUNDGREN  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (510) 286-4492  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: State  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: CALIFORNIA DEPARTMENT OF TRANSPORTATION  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: State  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: Unknown  
Transporter of hazardous waste: Unknown  
Treater, storer or disposer of HW: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALTRANS DISTRICT 4 (Continued)**

**1000419508**

Underground injection activity: Unknown  
On-site burner exemption: Unknown  
Furnace exemption: Unknown  
Used oil fuel burner: Unknown  
Used oil processor: Unknown  
User oil refiner: Unknown  
Used oil fuel marketer to burner: Unknown  
Used oil Specification marketer: Unknown  
Used oil transfer facility: Unknown  
Used oil transporter: Unknown  
Off-site waste receiver: Verified to be non-commercial

Historical Generators:

Date form received by agency: 09/01/1996  
Facility name: CALTRANS DISTRICT 4  
Classification: Small Quantity Generator

Date form received by agency: 07/01/1987  
Facility name: CALTRANS DISTRICT 4  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110009542646

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

HAZNET:

Gepaid: CAD982029381  
Contact: CALTRANS DISTRICT 4  
Telephone: 5102864492  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 111 GRAND AVE 14TH FL  
Mailing City, St, Zip: OAKLAND, CA 946230000  
Gen County: 1  
TSD EPA ID: CAD980884183  
TSD County: Sacramento  
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
Disposal Method: Transfer Station  
Tons: .6255  
Facility County: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALTRANS DISTRICT 4 (Continued)**

**1000419508**

Gepaid: CAD982029381  
Contact: CALTRANS DISTRICT 4  
Telephone: 5102864492  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 111 GRAND AVE 14TH FL  
Mailing City,St,Zip: OAKLAND, CA 946230000  
Gen County: 1  
TSD EPA ID: CAD980884183  
TSD County: Sacramento  
Waste Category: Not reported  
Disposal Method: Transfer Station  
Tons: .1876  
Facility County: 1

Gepaid: CAD982029381  
Contact: CALTRANS DISTRICT 4  
Telephone: 5102864492  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 111 GRAND AVE 14TH FL  
Mailing City,St,Zip: OAKLAND, CA 946230000  
Gen County: 1  
TSD EPA ID: CAD980884183  
TSD County: Sacramento  
Waste Category: Contaminated soil from site clean-ups  
Disposal Method: Transfer Station  
Tons: .0500  
Facility County: 1

Gepaid: CAD982029381  
Contact: CALTRANS DISTRICT 4  
Telephone: 5102864492  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 111 GRAND AVE 14TH FL  
Mailing City,St,Zip: OAKLAND, CA 946230000  
Gen County: 1  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Other organic solids  
Disposal Method: Disposal, Land Fill  
Tons: .8000  
Facility County: 1

Gepaid: CAD982029381  
Contact: CALTRANS DISTRICT 4  
Telephone: 5102864492  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 111 GRAND AVE 14TH FL  
Mailing City,St,Zip: OAKLAND, CA 946230000  
Gen County: 1  
TSD EPA ID: CAT000646117  
TSD County: Kings  
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
Disposal Method: Transfer Station



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALTRANS DISTRICT 4 (Continued)**

**1000419508**

Tons: .4170  
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access 86 additional CA\_HAZNET: record(s) in the EDR Site Report.

**F24**  
**East**  
**1/8-1/4**  
**0.158 mi.**  
**836 ft.**

**SAN LEANDRO CALTRANS MAINT STA**  
**600 LEWELLING BLVD**  
**SAN LEANDRO, CA 94579**

**AST A100150568**  
**N/A**

**Site 3 of 5 in cluster F**

**Relative:**  
**Higher**

AST:  
Owner: DEPARTMENT OF TRANSPORTATION  
Total Gallons: 10,000  
Certified Unified Program Agencies: San Leandro

**Actual:**  
**27 ft.**

**F25**  
**East**  
**1/8-1/4**  
**0.158 mi.**  
**836 ft.**

**CALTRANS**  
**600 LEWELLING BLVD**  
**SAN LEANDRO, CA 94579**

**HIST CORTESE S101580022**  
**LUST N/A**  
**CA FID UST**  
**SWEEPS UST**  
**CHMIRS**  
**HAZNET**

**Site 4 of 5 in cluster F**

**Relative:**  
**Higher**

CORTESE:  
Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-0486

**Actual:**  
**27 ft.**

LUST:  
Region: STATE  
Global Id: T0600100442  
Latitude: 37.686344  
Longitude: -122.133964  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 2008-11-12 00:00:00  
Lead Agency: SAN LEANDRO, CITY OF  
Case Worker: Not reported  
Local Agency: SAN LEANDRO, CITY OF  
RB Case Number: 01-0486  
LOC Case Number: 01-0486  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel, Gasoline  
Site History: CalTrans maintenance yard.

LUST REG 2:

Region: 2  
Facility Id: 01-0486  
Facility Status: Leak being confirmed  
Case Number: 01-0486  
How Discovered: Tank Closure  
Leak Cause: Structure Failure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALTRANS (Continued)**

**S101580022**

Leak Source: Tank  
Date Leak Confirmed: 9/18/1996  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment 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

**CA FID UST:**

Facility ID: 01000619  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: Not reported  
Mail To: Not reported  
Mailing Address: 600 LEWELLING BLVD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: SAN LEANDRO 94579  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**SWEEPS UST:**

Status: A  
Comp Number: 68003  
Number: 9  
Board Of Equalization: 44-001198  
Ref Date: 03-01-93  
Act Date: 04-19-93  
Created Date: 04-19-93  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-068003-000001  
Actv Date: 03-01-93  
Capacity: 6000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: 3

Status: A  
Comp Number: 68003  
Number: 9  
Board Of Equalization: 44-001198  
Ref Date: 03-01-93  
Act Date: 04-19-93  
Created Date: 04-19-93  
Tank Status: A  
Owner Tank Id: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALTRANS (Continued)**

**S101580022**

Swrcb Tank Id: 01-007-068003-000002  
Actv Date: 03-01-93  
Capacity: 7000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 68003  
Number: 9  
Board Of Equalization: 44-001198  
Ref Date: 03-01-93  
Act Date: 04-19-93  
Created Date: 04-19-93  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-068003-000003  
Actv Date: 03-01-93  
Capacity: 250  
Tank Use: OIL  
Stg: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

**CHMIRS:**

OES Incident Number: 99-4428  
OES notification: 10/19/199901:35:43 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALTRANS (Continued)**

**S101580022**

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: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 1999  
Agency: Cal Trans  
Incident Date: 10/15/1999 12:00:00 AM  
Admin Agency: San Leandro Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Merchant/Business  
E Date: Not reported  
Substance: Nitric Acid  
Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 1  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Description: Not reported  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Brought into the Cal Trans yard by a Cal Trans employee. It was disposed of by consolidated waste.

**HAZNET:**

Gepaid: CAD982029381  
Contact: N LUNDGREN DISTRICT HAZMAT MGR  
Telephone: 5102864492  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 23660  
Mailing City,St,Zip: OAKLAND, CA 946230660  
Gen County: Alameda  
TSD EPA ID: UTD981552177  
TSD County: 99

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALTRANS (Continued)**

**S101580022**

Waste Category: Biological waste other than sewage sludge  
Disposal Method: H040  
Tons: 0.06  
Facility County: Alameda

Gepaid: CAD982029381  
Contact: N LUNDGREN DISTRICT HAZMAT MGR  
Telephone: 5102864492  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 23660  
Mailing City,St,Zip: OAKLAND, CA 946230660  
Gen County: Alameda  
TSD EPA ID: CAD059494310  
TSD County: Santa Clara  
Waste Category: Other organic solids  
Disposal Method: H141  
Tons: 0.33  
Facility County: Alameda

Gepaid: CAD982029381  
Contact: N LUNDGREN DISTRICT HAZMAT MGR  
Telephone: 5102864492  
Facility Addr2: Not reported  
Mailing Name: NEIL LUNDGREN/6TH FL  
Mailing Address: PO BOX 23660  
Mailing City,St,Zip: OAKLAND, CA 946230660  
Gen County: Alameda  
TSD EPA ID: CAD980887418  
TSD County: Alameda  
Waste Category: Unspecified oil-containing waste  
Disposal Method: H141  
Tons: 0.0375  
Facility County: Alameda

Gepaid: CAD982029381  
Contact: N LUNDGREN DISTRICT HAZMAT MGR  
Telephone: 5102864492  
Facility Addr2: Not reported  
Mailing Name: NEIL LUNDGREN/6TH FL  
Mailing Address: PO BOX 23660  
Mailing City,St,Zip: OAKLAND, CA 946230660  
Gen County: Alameda  
TSD EPA ID: NED981723513  
TSD County: 99  
Waste Category: Other organic solids  
Disposal Method: H040  
Tons: 0.075  
Facility County: Alameda

Gepaid: CAD982029381  
Contact: N LUNDGREN DISTRICT HAZMAT MGR  
Telephone: 5102864492  
Facility Addr2: Not reported  
Mailing Name: NEIL LUNDGREN/6TH FL  
Mailing Address: PO BOX 23660  
Mailing City,St,Zip: OAKLAND, CA 946230660

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALTRANS (Continued)**

**S101580022**

Gen County: Alameda  
TSD EPA ID: UTD981552177  
TSD County: 99  
Waste Category: Unspecified organic liquid mixture  
Disposal Method: H040  
Tons: 0.255  
Facility County: Alameda

[Click this hyperlink](#) while viewing on your computer to access  
7 additional CA\_HAZNET: record(s) in the EDR Site Report.

**F26**  
**East**  
**1/8-1/4**  
**0.158 mi.**  
**836 ft.**

**SAN LEANDRO**  
**600 LEWELLING BLVD**  
**SAN LEANDRO, CA 94579**

**HIST UST** **U001598543**  
**N/A**

**Site 5 of 5 in cluster F**

**Relative:**  
**Higher**

HIST UST:  
Region: STATE  
Facility ID: 00000068003  
Facility Type: Not reported  
Other Type: Not reported  
Total Tanks: 0003  
Contact Name: Not reported  
Telephone: 4153520636  
Owner Name: CALIF DEPT OF TRANSPORTATION  
Owner Address: 1120 N STREET  
Owner City,St,Zip: SACRAMENTO, CA 95814

**Actual:**  
**27 ft.**

Tank Num: 001  
Container Num: 0000000001  
Year Installed: 1980  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Not reported

Tank Num: 002  
Container Num: 0000000002  
Year Installed: 1969  
Tank Capacity: 00007000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Not reported

Tank Num: 003  
Container Num: 0000000003  
Year Installed: 1969  
Tank Capacity: 00000250  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**G27**      **DOMINGO RONCONI PROPERTY (TOXIC)**  
**SSE**      **15550 WASHINGTON**  
**1/8-1/4**    **SAN LORENZO, CA 94580**  
**0.213 mi.**  
**1125 ft.**    **Site 1 of 2 in cluster G**

**SLIC**    **S108245950**  
**N/A**

**Relative:**  
**Higher**

**SLIC:**  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 1999-01-28 00:00:00  
Global Id: T06019772909  
Lead Agency: ALAMEDA COUNTY LOP  
Lead Agency Case Number: RO0002642  
Latitude: 37.68352  
Longitude: -122.13817  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: NA  
File Location: Stored electronically as an E-file  
Potential Media Affected: Under Investigation  
Potential Contaminants of Concern: Not reported  
General Comments: Not reported

**Actual:**  
**27 ft.**

**G28**      **DOMINGO RONCONI PROPERTY**  
**SSE**      **15550 WASHINGTON AVE**  
**1/8-1/4**    **SAN LORENZO, CA 94580**  
**0.213 mi.**  
**1125 ft.**    **Site 2 of 2 in cluster G**

**HIST CORTESE**    **S103955319**  
**LUST**                **N/A**  
**Alameda County CS**  
**HAZNET**

**Relative:**  
**Higher**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-1260

**Actual:**  
**27 ft.**

**LUST:**  
Region: STATE  
Global Id: T0600101158  
Latitude: 37.6827339  
Longitude: -122.1379673  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1997-01-13 00:00:00  
Lead Agency: ALAMEDA COUNTY LOP  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-1260  
LOC Case Number: RO0001180  
File Location: Stored electronically as an E-file  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

**LUST REG 2:**  
Region: 2  
Facility Id: 01-1260  
Facility Status: Case Closed  
Case Number: 3765

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOMINGO RONCONI PROPERTY (Continued)**

**S103955319**

How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment 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: RO0001180  
PE: 5602

Status: Case Closed  
Record Id: RO0002642  
PE: 5502

HAZNET:

Gepaid: CAC002100056  
Contact: CENTEX HOMES  
Telephone: 5102479381  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 1855 GATEWAY BLVD  
Mailing City,St,Zip: CONCORD, CA 945200000  
Gen County: 1  
TSD EPA ID: CAL000027741  
TSD County: 5  
Waste Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Tons: 1.6856  
Facility County: 1

29  
East  
1/8-1/4  
0.239 mi.  
1262 ft.

**EBMUD SOUTH AREA SERVICE CENTER**  
**589 EAST LEWELLING BLVD**  
**SAN LORENZO, CA 94580**

**RCRA-CESQG 1008194513**  
**UST CAL000082105**

**Relative:**  
**Higher**

RCRA-CESQG:

Date form received by agency: 02/27/2004  
Facility name: EBMUD SOUTH AREA SERVICE CENTER  
Facility address: 589 EAST LEWELLING BLVD  
SAN LORENZO, CA 94580  
EPA ID: CAL000082105  
Mailing address: EBMUD ENVIRONMENTAL COMPLIANCE  
P.O. BOX 24055, MS #704  
OAKLAND, CA 94623  
Contact: JENNIFER R SMITH  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (510) 287-0332

**Actual:**  
**31 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EBMUD SOUTH AREA SERVICE CENTER (Continued)**

**1008194513**

Contact email: JSMITH@EBMUD.COM  
EPA Region: 09  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: EAST BAY MUNICIPAL UTILITY DISTRICT  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: District  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1955  
Owner/Op end date: Not reported

Owner/operator name: EAST BAY MUNICIPAL UTILITY DISTRICT  
Owner/operator address: SAME AS MAILING ADDRESS  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: District  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1955  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Commercial status unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EBMUD SOUTH AREA SERVICE CENTER (Continued)**

**1008194513**

Universal Waste Summary:

Waste type: Batteries  
Accumulated waste on-site: No  
Generated waste on-site: No

Waste type: Lamps  
Accumulated waste on-site: No  
Generated waste on-site: No

Waste type: Pesticides  
Accumulated waste on-site: No  
Generated waste on-site: No

Waste type: Thermostats  
Accumulated waste on-site: No  
Generated waste on-site: No

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

ALAMEDA CO. UST:

Facility ID: FA0302335  
Program Element: 4102  
Facility Status: Active  
Description: UST - 2  
Inspection Date: 10/22/2010  
Closed: Not reported  
Owner Name: EBMUD

H30  
SSE  
1/4-1/2  
0.260 mi.  
1374 ft.

**MAHDI MOHAMMADIAN**  
**15595 WASHINGTON AVE**  
**SAN LORENZO, CA 94580**  
**Site 1 of 3 in cluster H**

**LUST S103472440**  
**SWEEPS UST N/A**  
**HAZNET**

Relative:  
Higher

LUST:

Region: STATE  
Global Id: T0600101374  
Latitude: 37.682942145  
Longitude: -122.138283  
Case Type: LUST Cleanup Site  
Status: Open - Site Assessment  
Status Date: 1998-08-26 00:00:00  
Lead Agency: ALAMEDA COUNTY LOP  
Case Worker: Not reported  
Local Agency: ALAMEDA COUNTY LOP  
RB Case Number: 01-1489  
LOC Case Number: RO0000374

Actual:  
26 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAHDI MOHAMMADIAN (Continued)**

**S103472440**

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

**LUST REG 2:**

Region: 2  
Facility Id: 01-1489  
Facility Status: Preliminary site assessment underway  
Case Number: 1360  
How Discovered: Tank Closure  
Leak Cause: UNK  
Leak Source: Tank  
Date Leak Confirmed: 4/5/1993  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: 10/17/1986  
Preliminary Site Assessment 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

**SWEEPS UST:**

Status: A  
Comp Number: 275  
Number: 2  
Board Of Equalization: Not reported  
Ref Date: 04-02-91  
Act Date: 04-02-91  
Created Date: 04-02-91  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-000-000275-000001  
Actv Date: 04-02-91  
Capacity: 550  
Tank Use: OIL  
Stg: W  
Content: WASTE OIL  
Number Of Tanks: 4

Status: A  
Comp Number: 275  
Number: 2  
Board Of Equalization: Not reported  
Ref Date: 04-02-91  
Act Date: 04-02-91  
Created Date: 04-02-91  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-000-000275-000002  
Actv Date: 04-02-91  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: LEADED  
Number Of Tanks: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAHDI MOHAMMADIAN (Continued)**

**S103472440**

Status: A  
Comp Number: 275  
Number: 2  
Board Of Equalization: Not reported  
Ref Date: 04-02-91  
Act Date: 04-02-91  
Created Date: 04-02-91  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-000-000275-000003  
Actv Date: 04-02-91  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: A  
Comp Number: 275  
Number: 2  
Board Of Equalization: Not reported  
Ref Date: 04-02-91  
Act Date: 04-02-91  
Created Date: 04-02-91  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-000-000275-000004  
Actv Date: 04-02-91  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**HAZNET:**

Gepaid: CAL000286946  
Contact: MEHDI MIHAMMADIAN  
Telephone: 5102760522  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15595 WASHINGTON AVE  
Mailing City,St,Zip: SAN LORENZO, CA 94580  
Gen County: Alameda  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Unspecified oil-containing waste  
Disposal Method: H039  
Tons: 1.66  
Facility County: Alameda

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**H31**  
**SSE**  
**1/4-1/2**  
**0.260 mi.**  
**1374 ft.**

**CHEVRON #21-1285 / CAL GAS**  
**15595 WASHINGTON AVE**  
**SAN LORENZO, CA 94580**

**Alameda County CS**    **S106661255**  
**N/A**

**Relative:**    Alameda County CS:  
**Higher**        Status:            Pollution Characterization  
                    Record Id:        RO0000374  
**Actual:**        PE:                5602  
**26 ft.**

**H32**  
**SSE**  
**1/4-1/2**  
**0.260 mi.**  
**1374 ft.**

**MAHDI MOHAMMADIAN**  
**15595 WASHINGTON**  
**SAN LORENZO, CA 94580**

**HIST CORTESE**    **S102433918**  
**N/A**

**Relative:**    CORTESE:  
**Higher**        Region:            CORTESE  
                    Facility County Code:    1  
**Actual:**        Reg By:            LTNKA  
**26 ft.**            Reg Id:            01-1489

**33**  
**East**  
**1/4-1/2**  
**0.273 mi.**  
**1440 ft.**

**CALTRANS MAINTENANCE YARD**  
**600 LEWELLING BOULEVARD**  
**SAN LEANDRO, CA 92584**

**Notify 65**    **S100178681**  
**N/A**

**Relative:**    Notify 65:  
**Higher**        Date Reported:    Not reported  
                    Staff Initials:    Not reported  
**Actual:**        Board File Number: Not reported  
**32 ft.**            Facility Type:     Not reported  
                    Discharge Date:   Not reported  
                    Incident Description: 92584

**34**  
**North**  
**1/4-1/2**  
**0.375 mi.**  
**1979 ft.**

**FARIA BROTHERS HARDWARE**  
**519 MANOR BLVD**  
**SAN LEANDRO, CA 94579**

**HIST CORTESE**    **S101624174**  
**LUST**                **N/A**  
**CA FID UST**  
**SWEEPS UST**

**Relative:**    CORTESE:  
**Lower**        Region:            CORTESE  
                    Facility County Code:    1  
**Actual:**        Reg By:            LTNKA  
**22 ft.**            Reg Id:            01-2238

**LUST:**  
Region:            STATE  
Global Id:         T0600102055  
Latitude:          37.6912958  
Longitude:        -122.1518509  
Case Type:        LUST Cleanup Site  
Status:            Completed - Case Closed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARIA BROTHERS HARDWARE (Continued)**

**S101624174**

Status Date: 1997-10-16 00:00:00  
Lead Agency: SAN LEANDRO, CITY OF  
Case Worker: Not reported  
Local Agency: SAN LEANDRO, CITY OF  
RB Case Number: 01-2238  
LOC Case Number: 01-2238  
File Location: Not reported  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Kerosene  
Site History: Not reported

**LUST REG 2:**

Region: 2  
Facility Id: 01-2238  
Facility Status: Case Closed  
Case Number: 01-2238  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment 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

**CA FID UST:**

Facility ID: 01002376  
Regulated By: UTKNI  
Regulated ID: 00011684  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4153513077  
Mail To: Not reported  
Mailing Address: 519 MANOR BLVD  
Mailing Address 2: Not reported  
Mailing City, St, Zip: SAN LEANDRO 94579  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**SWEEPS UST:**

Status: Not reported  
Comp Number: 11684  
Number: Not reported  
Board Of Equalization: 44-001077  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FARIA BROTHERS HARDWARE (Continued)**

**S101624174**

Owner Tank Id: Not reported  
Swrcb Tank Id: 01-007-011684-000002  
Actv Date: Not reported  
Capacity: 6000  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: 1

**35  
NNW  
1/4-1/2  
0.381 mi.  
2012 ft.**

**FAITH FELLOWSHIP CHURCH  
577 MANOR BLVD  
SAN LEANDRO, CA 94577**

**LUST S106117784  
HAZNET N/A**

**Relative:  
Lower**

**LUST:**

Region: STATE  
Global Id: T0600184950  
Latitude: 37.692085  
Longitude: -122.14161  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 2004-04-23 00:00:00  
Lead Agency: SAN LEANDRO, CITY OF  
Case Worker: Not reported  
Local Agency: SAN LEANDRO, CITY OF  
RB Case Number: 01-3500  
LOC Case Number: Not reported  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

**Actual:  
21 ft.**

**LUST REG 2:**

Region: 2  
Facility Id: 01-3500  
Facility Status: Not reported  
Case Number: Not reported  
How Discovered: Tank Closure  
Leak Cause: Not reported  
Leak Source: UNK  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Wokplan Submitted: Not reported  
Preliminary Site Assessment 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

**HAZNET:**

Gepaid: CAC002563330  
Contact: ANGELO ZANDONA/ALL ENVIRONMENTAL  
Telephone: 9252866000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 2500 CAMINO DIABLO STE 200

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAITH FELLOWSHIP CHURCH (Continued)**

**S106117784**

Mailing City,St,Zip: WALNUT CREEK, CA 94597  
Gen County: Alameda  
TSD EPA ID: CAL000161743  
TSD County: Alameda  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Tons: 4.73  
Facility County: 1

Gepaid: CAC002563330  
Contact: ANGELO ZANDONA/ALL ENVIRONMENTAL  
Telephone: 9252866000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 2500 CAMINO DIABLO STE 200  
Mailing City,St,Zip: WALNUT CREEK, CA 94597  
Gen County: Alameda  
TSD EPA ID: CAD009466392  
TSD County: Alameda  
Waste Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Tons: 0.85  
Facility County: 1

36  
SSE  
1/4-1/2  
0.383 mi.  
2023 ft.

**SAN LORENZO SCHOOL**  
**15701 LORENZO AVE**  
**SAN LORENZO, CA 94580**

**HIST CORTESE**  
**LUST**  
**Alameda County CS**  
**HAZNET**

**1000344342**  
**N/A**

**Relative:**  
**Equal**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-0126

**Actual:**  
**24 ft.**

**LUST:**  
Region: STATE  
Global Id: T0600100117  
Latitude: 0  
Longitude: 0  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 2000-01-18 00:00:00  
Lead Agency: ALAMEDA COUNTY LOP  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-0126  
LOC Case Number: RO0000312  
File Location: Stored electronically as an E-file  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

**LUST REG 2:**  
Region: 2  
Facility Id: 01-0126



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAN LORENZO SCHOOL (Continued)**

**1000344342**

Facility Status: Preliminary site assessment underway  
Case Number: 4233  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: 7/8/1992  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 1/31/1993  
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: RO0000312  
PE: 5602

HAZNET:

Gepaid: CAL000002347  
Contact: JIM FERRERO  
Telephone: 5103174843  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15510 USHER ST  
Mailing City,St,Zip: SAN LORENZO, CA 945801623  
Gen County: Alameda  
TSD EPA ID: CAD028409019  
TSD County: Los Angeles  
Waste Category: Laboratory waste chemicals  
Disposal Method: H141  
Tons: 0.03  
Facility County: Alameda

Gepaid: CAL000002347  
Contact: JIM FERRERO  
Telephone: 5103174843  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15510 USHER ST  
Mailing City,St,Zip: SAN LORENZO, CA 945801623  
Gen County: Alameda  
TSD EPA ID: CAD028409019  
TSD County: Los Angeles  
Waste Category: Laboratory waste chemicals  
Disposal Method: H061  
Tons: 0.1  
Facility County: Alameda

Gepaid: CAL000002347  
Contact: JIM FERRERO  
Telephone: 5103174843  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15510 USHER ST

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SAN LORENZO SCHOOL (Continued)**

**1000344342**

Mailing City,St,Zip: SAN LORENZO, CA 945801623  
 Gen County: Alameda  
 TSD EPA ID: CAD028409019  
 TSD County: Los Angeles  
 Waste Category: Laboratory waste chemicals  
 Disposal Method: H061  
 Tons: 0.005  
 Facility County: Alameda

Gepaid: CAL000002347  
 Contact: JIM FERRERO  
 Telephone: 5103174843  
 Facility Addr2: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 15510 USHER ST  
 Mailing City,St,Zip: SAN LORENZO, CA 945801623  
 Gen County: Alameda  
 TSD EPA ID: CAD028409019  
 TSD County: Los Angeles  
 Waste Category: Laboratory waste chemicals  
 Disposal Method: H141  
 Tons: 0.014  
 Facility County: Alameda

[Click this hyperlink](#) while viewing on your computer to access  
 -1 additional CA\_HAZNET: record(s) in the EDR Site Report.

**I37**  
**North**  
**1/4-1/2**  
**0.436 mi.**  
**2300 ft.**

**ROTO-ROOTER**  
**14985 WASHINGTON AVE**  
**SAN LEANDRO, CA 92584**

**Notify 65**    **S100179558**  
**N/A**

**Site 1 of 4 in cluster I**

**Relative:**  
**Higher**

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

**Actual:**  
**29 ft.**

**I38**  
**North**  
**1/4-1/2**  
**0.454 mi.**  
**2396 ft.**

**ROTO ROOTER SEWER SERVICE**  
**14985 WASHINGTON AVE**  
**SAN LEANDRO, CA 94578**

**HIST CORTESE**    **S101624166**  
**LUST**    **N/A**  
**CA FID UST**  
**SWEEPS UST**

**Site 2 of 4 in cluster I**

**Relative:**  
**Higher**

CORTESE:  
 Region: CORTESE  
 Facility County Code: 1  
 Reg By: LTNKA  
 Reg Id: 01-1261

**Actual:**  
**28 ft.**

LUST:  
 Region: STATE  
 Global Id: T0600101159

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROTO ROOTER SEWER SERVICE (Continued)**

**S101624166**

Latitude: 0  
Longitude: 0  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1997-01-07 00:00:00  
Lead Agency: ALAMEDA COUNTY LOP  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-1261  
LOC Case Number: RO0000550  
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

**LUST REG 2:**

Region: 2  
Facility Id: 01-1261  
Facility Status: Case Closed  
Case Number: 2432  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: 1/17/1991  
Oversight Program: LUST  
Prelim. Site Assessment Wokplan Submitted: 5/29/1991  
Preliminary Site Assessment Began: 7/2/1991  
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: 01001378  
Regulated By: UTNKA  
Regulated ID: 00064241  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4154832324  
Mail To: Not reported  
Mailing Address: 14985 WASHINGTON AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: SAN LEANDRO 94578  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**SWEEPS UST:**

Status: A  
Comp Number: 64241  
Number: 9  
Board Of Equalization: 44-001180

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROTO ROOTER SEWER SERVICE (Continued)**

**S101624166**

Ref Date: 07-01-85  
Act Date: Not reported  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: 1  
Swrcb Tank Id: 01-007-064241-000001  
Actv Date: 09-08-89  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 2

Status: A  
Comp Number: 64241  
Number: 9  
Board Of Equalization: 44-001180  
Ref Date: 07-01-85  
Act Date: Not reported  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: 2  
Swrcb Tank Id: 01-007-064241-000002  
Actv Date: 09-08-89  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**I39  
North  
1/4-1/2  
0.454 mi.  
2396 ft.**

**ROTO ROOTER  
14985 WASHINGTON AVE  
SAN LEANDRO, CA 94578**

**Alameda County CS S102436042  
HAZNET N/A**

**Site 3 of 4 in cluster I**

**Relative:  
Higher**

Alameda County CS:  
Status: Case Closed  
Record Id: RO0000550  
PE: 5602

**Actual:  
28 ft.**

**HAZNET:**

Gepaid: CAL912343778  
Contact: RODNEY WRAY  
Telephone: 4154832324  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 14985 WASHINGTON AVE  
Mailing City,St,Zip: SAN LEANDRO, CA 945784223  
Gen County: 1  
TSD EPA ID: CAD980887418  
TSD County: 1  
Waste Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Transfer Station  
Tons: .2293  
Facility County: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROTO ROOTER (Continued)**

**S102436042**

Gepaid: CAL912343778  
Contact: RODNEY WRAY  
Telephone: 4154832324  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 14985 WASHINGTON AVE  
Mailing City,St,Zip: SAN LEANDRO, CA 945784223  
Gen County: 1  
TSD EPA ID: CAD980887418  
TSD County: 1  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Tons: .9174  
Facility County: 1

Gepaid: CAL912343778  
Contact: RON SHAW  
Telephone: 4154832324  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 14985 WASHINGTON AVE  
Mailing City,St,Zip: SAN LEANDRO, CA 945784223  
Gen County: Alameda  
TSD EPA ID: CAD980887418  
TSD County: Alameda  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Tons: 0.14  
Facility County: 1

Gepaid: CAL912343778  
Contact: RON SHAW  
Telephone: 4154832324  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 14985 WASHINGTON AVE  
Mailing City,St,Zip: SAN LEANDRO, CA 945784223  
Gen County: Alameda  
TSD EPA ID: NVD980895338  
TSD County: Alameda  
Waste Category: Off-specification, aged, or surplus organics  
Disposal Method: Recycler  
Tons: 0.08  
Facility County: 1

Gepaid: CAL912343778  
Contact: RODNEY WRAY  
Telephone: 4154832324  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 14985 WASHINGTON AVE  
Mailing City,St,Zip: SAN LEANDRO, CA 945784223  
Gen County: 1  
TSD EPA ID: CAD980887418  
TSD County: 1  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROTO ROOTER (Continued)**

**S102436042**

Tons: 1.1467  
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access  
2 additional CA\_HAZNET: record(s) in the EDR Site Report.

**140**  
**North**  
**1/4-1/2**  
**0.454 mi.**  
**2396 ft.**

**SANACT, INC. DBA ROTO ROOTER**  
**14985 WASHINGTON**  
**SAN LEANDRO, CA 94577**

**LUST S106117787**  
**N/A**

**Site 4 of 4 in cluster I**

**Relative:**  
**Higher**

LUST:

Region: STATE  
Global Id: T0600137533  
Latitude: 37.692718  
Longitude: -122.139153  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 2008-02-15 00:00:00  
Lead Agency: SAN LEANDRO, CITY OF  
Case Worker: Not reported  
Local Agency: SAN LEANDRO, CITY OF  
RB Case Number: Not reported  
LOC Case Number: Not reported  
File Location: Not reported  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

**Actual:**  
**28 ft.**

LUST REG 2:

Region: 2  
Facility Id: Not reported  
Facility Status: Leak being confirmed  
Case Number: Not reported  
How Discovered: Subsurface Monitoring  
Leak Cause: Not reported  
Leak Source: UNK  
Date Leak Confirmed: 8/26/2003  
Oversight Program: LUST  
Prelim. Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

41  
SSE  
1/4-1/2  
0.482 mi.  
2546 ft.

**CHEVRON STATION #5630**  
**997 GRANT AVE**  
**SAN LORENZO, CA 94580**

**RCRA-SQG** 1000434450  
**FINDS** CAD981642119  
**HIST CORTESE**  
**LUST**  
**Alameda County CS**  
**SWEEPS UST**

**Relative:**  
**Higher**

RCRA-SQG:

**Actual:**  
**27 ft.**

Date form received by agency: 09/01/1996  
Facility name: CHEVRON STATION #5630  
Facility address: 997 GRANT AVE  
SAN LORENZO, CA 94580  
EPA ID: CAD981642119  
Mailing address: 2 ANNBEL LANE STE #200  
SAN RAMON, CA 94583  
Contact: Not reported  
Contact address: Not reported  
Contact country: Not reported  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: CHEVRON USA INC  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION #5630 (Continued)**

**1000434450**

Furnace exemption: Unknown  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Historical Generators:

Date form received by agency: 03/04/1987  
Facility name: CHEVRON STATION #5630  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110006472879

Environmental Interest/Information System

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

CORTESE:

Region: CORTESE  
Facility County Code: 1  
Reg By: LTNKA  
Reg Id: 01-0389

LUST:

Region: STATE  
Global Id: T0600100358  
Latitude: 0  
Longitude: 0  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 1997-09-19 00:00:00  
Lead Agency: ALAMEDA COUNTY LOP  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 01-0389  
LOC Case Number: RO0001030  
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

LUST REG 2:

Region: 2



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION #5630 (Continued)**

**1000434450**

Facility Id: 01-0389  
Facility Status: Case Closed  
Case Number: 775  
How Discovered: Tank Closure  
Leak Cause: Structure Failure  
Leak Source: Tank  
Date Leak Confirmed: 12/23/1991  
Oversight Program: LUST  
Prelim. Site Assessment Wokplan Submitted: 11/1/1990  
Preliminary Site Assessment Began: 11/13/1990  
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: Case Closed  
Record Id: RO0001030  
PE: 5602

SWEEPS UST:

Status: Not reported  
Comp Number: 62789  
Number: Not reported  
Board Of Equalization: 44-000671  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-000-062789-000001  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: 4

Status: Not reported  
Comp Number: 62789  
Number: Not reported  
Board Of Equalization: 44-000671  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-000-062789-000002  
Actv Date: Not reported  
Capacity: 6000  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION #5630 (Continued)**

**1000434450**

Comp Number: 62789  
Number: Not reported  
Board Of Equalization: 44-000671  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-000-062789-000003  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 62789  
Number: Not reported  
Board Of Equalization: 44-000671  
Ref Date: Not reported  
Act Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 01-000-062789-000004  
Actv Date: Not reported  
Capacity: 1500  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

42  
ENE  
1/2-1  
0.653 mi.  
3450 ft.

**FOUR STAR LUMBER CO  
15444 HESPERIAN BOULEVARD  
SAN LEANDRO, CA 92584**

**Notify 65 S100179438  
N/A**

**Relative:  
Higher**

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

**Actual:  
41 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

43  
SW  
1/2-1  
0.961 mi.  
5075 ft.

**LIFE CHIROPRACTIC COLLEGE WEST**  
**2005 VIA BARRETT**  
**SAN LORENZO, CA 94580**

**RCRA-SQG** 1000195771  
**FINDS** CAD982033813  
**SCH**  
**HAZNET**  
**ENVIROSTOR**

**Relative:**  
**Lower**

RCRA-SQG:

Date form received by agency: 09/08/1987

Facility name: LIFE CHIROPRACTIC COLLEGE WEST

Facility address: 2005 VIA BARRETT  
SAN LORENZO, CA 94580

EPA ID: CAD982033813

Contact: ENVIRONMENTAL MANAGER

Contact address: 2005 VIA BARRETT  
SAN LORENZO, CA 94580

Contact country: US

Contact telephone: (415) 276-9013

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SAN LORENZO SCHOOL DIST  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: (415) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: (415) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): Unknown  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIFE CHIROPRACTIC COLLEGE WEST (Continued)**

**1000195771**

User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

**FINDS:**

Registry ID: 110002783667

**Environmental Interest/Information System**

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

**SCH:**

Facility ID: 60001007  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 11.78  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program  
Project Manager: NEAL HUTCHISON  
Supervisor: Mark Malinowski  
Division Branch: Sacramento  
Site Code: 204226  
Assembly: 18  
Senate: 10  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 2009-12-17 00:00:00  
Restricted Use: NO  
Funding: School District  
Latitude: 37.674925  
Longitude: -122.150934  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS, SCHOOL - HIGH SCHOOL  
Potential COC: , 30001, 30003, 30004, 30006, 30007, 30008, 30010, 30013, 30022, 30023, 30024, 30025, 30026, 30027, 30028  
Confirmed COC: 30001-NO,30003-NO,30004-NO,30022-NO,30024-NO,30025-NO,30026-NO, 30023-NO,30027-NO,30028-NO,30013-NO,30006-NO,30007-NO,30008-NO, 30010-NO,31000  
Potential Description: NMA, OTH, SOIL  
Alias Name: 204226  
Alias Type: Project Code (Site Code)  
Alias Name: 60001007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIFE CHIROPRACTIC COLLEGE WEST (Continued)**

**1000195771**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 2009-12-17 00:00:00  
Comments: DTSC approved the PEA with a no further action determination for Kipp King on December 17, 2009.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 2009-03-16 00:00:00  
Comments: Phase I provided as background - PEA required.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 2009-05-01 00:00:00  
Comments: DTSC received and approved the revised workplan for implementation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Tech Memo  
Completed Date: 2009-07-15 00:00:00  
Comments: DTSC PM and toxicologist reviewed the SSI step-out sampling plan and agreed that is was adequate for delineation of soil around one portable.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 2008-12-17 00:00:00  
Comments: EOA signed by Sacramento Unit Chief.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Inactive Status Letter  
Completed Date: 2009-01-28 00:00:00  
Comments: Signed and processed inactive letter.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 2009-12-23 00:00:00  
Comments: DTSC sent a CRU to the accounting unit to summarize costs associated with the EOA Docket No. HSA-EOA-08/09-072

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIFE CHIROPRACTIC COLLEGE WEST (Continued)**

**1000195771**

HAZNET:

Gepaid: CAD982033813  
Contact: Not reported  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 2005 VIA BARRETT  
Mailing City,St,Zip: SAN LORENZO, CA 945801315  
Gen County: 1  
TSD EPA ID: WAD991281767  
TSD County: 99  
Waste Category: Liquids with mercury > 20 mg/l  
Disposal Method: Recycler  
Tons: .0041  
Facility County: 1

Gepaid: CAD982033813  
Contact: Not reported  
Telephone: 0000000000  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 2005 VIA BARRETT  
Mailing City,St,Zip: SAN LORENZO, CA 945801315  
Gen County: 1  
TSD EPA ID: CAD044429835  
TSD County: Los Angeles  
Waste Category: Unspecified organic liquid mixture  
Disposal Method: Disposal, Other  
Tons: 0.3336  
Facility County: 1

Gepaid: CAC002288657  
Contact: SAN LORENZO USD  
Telephone: 5103174645  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15510 USHER ST  
Mailing City,St,Zip: SAN LORENZO, CA 945800000  
Gen County: 1  
TSD EPA ID: CAD028409019  
TSD County: Los Angeles  
Waste Category: Other organic solids  
Disposal Method: Transfer Station  
Tons: 4.6354  
Facility County: 1

Gepaid: CAC002288657  
Contact: SAN LORENZO USD  
Telephone: 5103174645  
Facility Addr2: Not reported  
Mailing Name: Not reported  
Mailing Address: 15510 USHER ST  
Mailing City,St,Zip: SAN LORENZO, CA 945800000  
Gen County: 1  
TSD EPA ID: CAD981382732  
TSD County: 1  
Waste Category: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIFE CHIROPRACTIC COLLEGE WEST (Continued)**

**1000195771**

Disposal Method: Disposal, Land Fill  
Tons: 4.2140  
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access  
-1 additional CA\_HAZNET: record(s) in the EDR Site Report.

**ENVIROSTOR:**

Site Type: School Investigation  
Site Type Detailed: School  
Acres: 11.78  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: NEAL HUTCHISON  
Supervisor: Mark Malinowski  
Division Branch: Sacramento  
Facility ID: 60001007  
Site Code: 204226  
Assembly: 18  
Senate: 10  
Special Program: Not reported  
Status: No Further Action  
Status Date: 2009-12-17 00:00:00  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: School District  
Latitude: 37.674925  
Longitude: -122.150934  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS, SCHOOL - HIGH SCHOOL  
Potential COC: , 30001, 30003, 30004, 30006, 30007, 30008, 30010, 30013, 30022,  
30023, 30024, 30025, 30026, 30027, 30028  
Confirmed COC: 30001-NO,30003-NO,30004-NO,30022-NO,30024-NO,30025-NO,30026-NO,  
30023-NO,30027-NO,30028-NO,30013-NO,30006-NO,30007-NO,30008-NO,  
30010-NO,31000  
Potential Description: NMA, OTH, SOIL  
Alias Name: 204226  
Alias Type: Project Code (Site Code)  
Alias Name: 60001007  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 2009-12-17 00:00:00  
Comments: DTSC approved the PEA with a no further action determination for Kipp King on December 17, 2009.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 2009-03-16 00:00:00  
Comments: Phase I provided as background - PEA required.

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LIFE CHIROPRACTIC COLLEGE WEST (Continued)**

**1000195771**

Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 2009-05-01 00:00:00  
Comments: DTSC received and approved the revised workplan for implementation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Tech Memo  
Completed Date: 2009-07-15 00:00:00  
Comments: DTSC PM and toxicologist reviewed the SSI step-out sampling plan and agreed that it was adequate for delineation of soil around one portable.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 2008-12-17 00:00:00  
Comments: EOA signed by Sacramento Unit Chief.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Inactive Status Letter  
Completed Date: 2009-01-28 00:00:00  
Comments: Signed and processed inactive letter.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 2009-12-23 00:00:00  
Comments: DTSC sent a CRU to the accounting unit to summarize costs associated with the EOA Docket No. HSA-EOA-08/09-072

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



## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN LEANDRO	1003878920		ALVARDO & ST JOHNS STS	94578	CERC-NFRAP
SAN LEANDRO	1012055741	1735 138TH AVE	1735 138TH AVE	94578	US CDL
SAN LEANDRO	S105689616	ROBERTS LANDING	2205 LEWELLING BLVD	94579	VCP, ENVIROSTOR
SAN LEANDRO	1003878682	TROJAN POWDER WORKS	2205 LEWELLING BLVD	94579	CERC-NFRAP
SAN LEANDRO	S108418365	CHERRY GLEN PROPERTY	14979 WASHINGTON AVE	94578	SLIC
SAN LEANDRO	S108246103	UNKNOWN	ZERO WASHINGTON AVE & HALCYON	94578	SLIC
SAN LORENZO	S110042918	IMPROVEMENT OF LEWELLING BLVD E LE	LEWELLING BOULEVARD LEWELLING	94580	NPDES
SAN LORENZO	S106934072	VERN'S SERVICE OF SAN LORENZO	18 E LEWELLING L	94580	SWEEPS UST
SAN LORENZO	2009897905	PASEO GRANDE AVE.	PASEO GRANDE AVE	94580	ERNS
SAN LORENZO	2008897905	PASEO GRANDE AVE.	PASEO GRANDE AVE	94580	ERNS
SAN LORENZO	S106929546	MODERN VEGETABLE CO.	WASHINGTON AVE	94580	SWEEPS UST

# 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: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 01/14/2010	Telephone: N/A
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 03/03/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2010
	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: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 01/14/2010	Telephone: N/A
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 03/03/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2010
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 03/01/2010
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/31/2010
	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: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 01/14/2010	Telephone: N/A
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 03/03/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/26/2010
	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: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 02/09/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Quarterly

### FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realignment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/26/2010
	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: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/11/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/14/2010
	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: 12/11/2009	Source: EPA
Date Data Arrived at EDR: 12/29/2009	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 02/15/2010
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	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: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	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: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	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: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

## ***Federal institutional controls / engineering controls registries***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/28/2010
	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: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/28/2010
	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: 12/31/2009	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/22/2010	Telephone: 202-267-2180
Date Made Active in Reports: 02/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/19/2010
	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: 02/08/2010	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/09/2010	Telephone: 916-323-3400
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/09/2010
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/24/2010
	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 identifies 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/08/2010  
Date Data Arrived at EDR: 02/09/2010  
Date Made Active in Reports: 02/18/2010  
Number of Days to Update: 9

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/09/2010  
Next Scheduled EDR Contact: 05/24/2010  
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 inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/22/2010  
Date Data Arrived at EDR: 02/24/2010  
Date Made Active in Reports: 03/04/2010  
Number of Days to Update: 8

Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 02/24/2010  
Next Scheduled EDR Contact: 06/07/2010  
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: 03/29/2010  
Next Scheduled EDR Contact: 07/12/2010  
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: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
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: 03/15/2010  
Next Scheduled EDR Contact: 06/28/2010  
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: 02/12/2010  
Next Scheduled EDR Contact: 05/31/2010  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/05/2010  
Next Scheduled EDR Contact: 04/19/2010  
Data Release Frequency: Quarterly

## LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6710  
Last EDR Contact: 03/08/2010  
Next Scheduled EDR Contact: 06/21/2010  
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: 01/18/2010  
Next Scheduled EDR Contact: 05/03/2010  
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: 03/22/2010  
Next Scheduled EDR Contact: 07/05/2010  
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: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
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: 02/05/2010  
Date Data Arrived at EDR: 02/05/2010  
Date Made Active in Reports: 02/18/2010  
Number of Days to Update: 13

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 03/23/2010  
Next Scheduled EDR Contact: 07/05/2010  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/18/2010  
Next Scheduled EDR Contact: 05/03/2010  
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: 02/05/2010  
Date Data Arrived at EDR: 02/05/2010  
Date Made Active in Reports: 02/18/2010  
Number of Days to Update: 13

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/23/2010  
Next Scheduled EDR Contact: 07/05/2010  
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: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
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: 03/22/2010  
Next Scheduled EDR Contact: 07/05/2010  
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: 01/18/2010  
Next Scheduled EDR Contact: 05/03/2010  
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: 01/05/2010  
Next Scheduled EDR Contact: 04/19/2010  
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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/15/2010  
Next Scheduled EDR Contact: 06/28/2010  
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: 12/10/2009  
Next Scheduled EDR Contact: 03/29/2010  
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: 02/15/2010  
Next Scheduled EDR Contact: 05/31/2010  
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: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
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: 03/15/2010  
Next Scheduled EDR Contact: 06/28/2010  
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: 02/08/2010  
Next Scheduled EDR Contact: 05/24/2010  
Data Release Frequency: Annually

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/02/2010	Source: EPA Region 10
Date Data Arrived at EDR: 02/03/2010	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	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: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/17/2010
	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: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6271
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

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

Date of Government Version: 11/12/2009	Source: EPA Region 6
Date Data Arrived at EDR: 11/12/2009	Telephone: 214-665-6597
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	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: 12/07/2009	Source: EPA Region 4
Date Data Arrived at EDR: 12/09/2009	Telephone: 404-562-8677
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Semi-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: 11/24/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/25/2009	Telephone: 415-972-3372
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/17/2010
	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: 03/24/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

***State and tribal registered storage tank lists***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 02/05/2010	Source: SWRCB
Date Data Arrived at EDR: 02/05/2010	Telephone: 916-480-1028
Date Made Active in Reports: 02/23/2010	Last EDR Contact: 03/23/2010
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/05/2010
	Data Release Frequency: Semi-Annually

## AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-341-5712
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 01/11/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/26/2010
	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: 02/02/2010	Source: EPA Region 10
Date Data Arrived at EDR: 02/03/2010	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/17/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	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: 11/12/2009	Source: EPA Region 9
Date Data Arrived at EDR: 11/20/2009	Telephone: 415-972-3368
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/17/2010
	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: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6137
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	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: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/17/2010
	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).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/08/2010  
Date Data Arrived at EDR: 02/09/2010  
Date Made Active in Reports: 02/18/2010  
Number of Days to Update: 9

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
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: 11/05/2009  
Date Data Arrived at EDR: 11/05/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 41

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
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: 12/07/2009  
Date Data Arrived at EDR: 12/09/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 7

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
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: 02/19/2009  
Date Data Arrived at EDR: 02/19/2009  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 25

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 03/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
Data Release Frequency: Varies

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/01/2009  
Date Data Arrived at EDR: 10/29/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 48

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 01/18/2010  
Next Scheduled EDR Contact: 05/03/2010  
Data Release Frequency: Varies

## **State and tribal voluntary cleanup sites**

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/08/2010  
Date Data Arrived at EDR: 02/09/2010  
Date Made Active in Reports: 02/18/2010  
Number of Days to Update: 9

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/09/2010  
Next Scheduled EDR Contact: 02/22/2010  
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: 04/02/2008  
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 1  
Telephone: 617-918-1102  
Last EDR Contact: 01/05/2010  
Next Scheduled EDR Contact: 04/19/2010  
Data Release Frequency: Varies

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2009  
Date Data Arrived at EDR: 11/04/2009  
Date Made Active in Reports: 12/16/2009  
Number of Days to Update: 42

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/23/2010  
Next Scheduled EDR Contact: 04/12/2010  
Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### 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

#### 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: 415-972-3336  
Last EDR Contact: 03/22/2010  
Next Scheduled EDR Contact: 06/21/2010  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 03/15/2010
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Quarterly

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/18/2009	Source: Department of Conservation
Date Data Arrived at EDR: 12/21/2009	Telephone: 916-323-3836
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/24/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/05/2010
	Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 01/11/2010	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 01/12/2010	Telephone: 916-341-6422
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/08/2010
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/07/2010
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/08/2010
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/24/2010
	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: 08/19/2009	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/29/2009	Telephone: 202-307-1000
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 12/14/2009
Number of Days to Update: 43	Next Scheduled EDR Contact: 03/22/2010
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/08/2010  
Date Data Arrived at EDR: 02/09/2010  
Date Made Active in Reports: 02/18/2010  
Number of Days to Update: 9

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/09/2010  
Next Scheduled EDR Contact: 05/24/2010  
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: 12/31/2009  
Date Data Arrived at EDR: 02/25/2010  
Date Made Active in Reports: 03/04/2010  
Number of Days to Update: 7

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 02/09/2010  
Next Scheduled EDR Contact: 04/19/2010  
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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 03/08/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/21/2010
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	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: 11/03/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2009	Telephone: 202-564-6023
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/17/2010
	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	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 03/17/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/07/2010
	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: 01/28/2010	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/29/2010	Telephone: 916-323-3400
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 01/18/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/15/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 12/15/2009	Telephone: 916-323-3400
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/16/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/28/2009
	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: 12/31/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/06/2010	Telephone: 202-366-4555
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 01/06/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/12/2010
	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: 12/31/2007	Source: Office of Emergency Services
Date Data Arrived at EDR: 05/09/2008	Telephone: 916-845-8400
Date Made Active in Reports: 06/20/2008	Last EDR Contact: 02/01/2010
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/17/2010
	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: 02/05/2010	Source: State Water Quality Control Board
Date Data Arrived at EDR: 02/05/2010	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 03/23/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/05/2010
	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: 02/05/2010	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/05/2010	Telephone: 866-480-1028
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 03/23/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/05/2010
	Data Release Frequency: Quarterly

## **Other Ascertainable Records**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: (415) 495-8895
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/19/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 10/13/2009	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 11/10/2009	Telephone: 202-366-4595
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/09/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/24/2010
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/19/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/03/2010
	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: 12/31/2008	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/30/2009	Telephone: 202-528-4285
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 03/18/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/28/2010
	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: 08/03/2009	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/27/2009	Telephone: Varies
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 01/05/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/19/2010
	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: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 12/15/2009	Telephone: 703-416-0223
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 03/17/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009	Source: Department of Energy
Date Data Arrived at EDR: 05/07/2009	Telephone: 505-845-0011
Date Made Active in Reports: 05/08/2009	Last EDR Contact: 01/21/2010
Number of Days to Update: 1	Next Scheduled EDR Contact: 06/14/2010
	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: 11/17/2009	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 12/08/2009	Telephone: 303-231-5959
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 03/10/2010
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/21/2010
	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: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/13/2010	Telephone: 202-566-0250
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 03/02/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Annually

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/20/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Every 4 Years

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/14/2010
	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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	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: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/06/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/17/2010
	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: 11/10/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2009	Telephone: 202-564-5088
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 03/29/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/12/2010
	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: 09/01/2009	Source: EPA
Date Data Arrived at EDR: 10/21/2009	Telephone: 202-566-0500
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 02/16/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/24/2009	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 12/31/2009	Telephone: 301-415-7169
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 03/15/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/28/2010
	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: 01/12/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2010	Telephone: 202-343-9775
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 01/13/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/26/2010
	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: 10/19/2009	Source: EPA
Date Data Arrived at EDR: 10/22/2009	Telephone: (415) 947-8000
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/28/2010
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	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: 12/31/2007	Source: EPA/NTIS
Date Data Arrived at EDR: 02/19/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 02/25/2010
Number of Days to Update: 92	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Biennially

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

## CA 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: 03/01/2010  
Next Scheduled EDR Contact: 06/14/2010  
Data Release Frequency: Quarterly

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/22/2010  
Date Data Arrived at EDR: 02/24/2010  
Date Made Active in Reports: 03/04/2010  
Number of Days to Update: 8

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 02/24/2010  
Next Scheduled EDR Contact: 06/07/2010  
Data Release Frequency: Quarterly

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 01/06/2010  
Date Data Arrived at EDR: 01/06/2010  
Date Made Active in Reports: 01/18/2010  
Number of Days to Update: 12

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 01/06/2010  
Next Scheduled EDR Contact: 04/19/2010  
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 [CAL SITES].

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

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993  
Date Data Arrived at EDR: 11/01/1993  
Date Made Active in Reports: 11/19/1993  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 03/29/2010  
Next Scheduled EDR Contact: 07/12/2010  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/22/2009  
Date Data Arrived at EDR: 01/25/2010  
Date Made Active in Reports: 01/29/2010  
Number of Days to Update: 4

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 03/15/2010  
Next Scheduled EDR Contact: 06/28/2010  
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: 01/07/2010  
Next Scheduled EDR Contact: 04/19/2010  
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: 12/31/2008  
Date Data Arrived at EDR: 10/21/2009  
Date Made Active in Reports: 10/28/2009  
Number of Days to Update: 7

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 01/21/2010  
Next Scheduled EDR Contact: 05/03/2010  
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: 12/31/2007  
Date Data Arrived at EDR: 07/14/2009  
Date Made Active in Reports: 07/23/2009  
Number of Days to Update: 9

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 01/06/2010  
Next Scheduled EDR Contact: 04/12/2010  
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: 01/19/2010  
Next Scheduled EDR Contact: 05/03/2010  
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: 11/16/2009  
Date Data Arrived at EDR: 11/16/2009  
Date Made Active in Reports: 01/19/2010  
Number of Days to Update: 64

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 02/08/2010  
Next Scheduled EDR Contact: 05/10/2010  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/18/2009  
Date Data Arrived at EDR: 12/21/2009  
Date Made Active in Reports: 01/18/2010  
Number of Days to Update: 28

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 03/24/2010  
Next Scheduled EDR Contact: 07/05/2010  
Data Release Frequency: Quarterly

## 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: 11/24/2009  
Date Data Arrived at EDR: 12/17/2009  
Date Made Active in Reports: 01/18/2010  
Number of Days to Update: 32

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 03/15/2010  
Next Scheduled EDR Contact: 06/28/2010  
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: 01/27/2010  
Next Scheduled EDR Contact: 05/03/2010  
Data Release Frequency: Varies

## 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: 11/09/2009  
Date Data Arrived at EDR: 12/18/2009  
Date Made Active in Reports: 02/10/2010  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 03/16/2010  
Next Scheduled EDR Contact: 06/28/2010  
Data Release Frequency: Varies

## 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: 01/18/2010  
Date Data Arrived at EDR: 01/19/2010  
Date Made Active in Reports: 01/29/2010  
Number of Days to Update: 10

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 01/19/2010  
Next Scheduled EDR Contact: 05/03/2010  
Data Release Frequency: Quarterly

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action (a??cleanupsa??) tracked in EnviroStor.

Date of Government Version: 02/08/2010  
Date Data Arrived at EDR: 02/09/2010  
Date Made Active in Reports: 02/18/2010  
Number of Days to Update: 9

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/09/2010  
Next Scheduled EDR Contact: 05/24/2010  
Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 01/11/2010	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 01/12/2010	Telephone: 916-341-6066
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/08/2010
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Varies

## FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/01/2007	Telephone: 916-255-3628
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 03/12/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

## 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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/19/2010
Number of Days to Update: 339	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: N/A

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 02/24/2010
Number of Days to Update: 100	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

## 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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: 01/19/2010	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/21/2010	Telephone: 510-567-6700
Date Made Active in Reports: 01/29/2010	Last EDR Contact: 01/18/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/19/2010	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/21/2010	Telephone: 510-567-6700
Date Made Active in Reports: 02/02/2010	Last EDR Contact: 01/18/2010
Number of Days to Update: 12	Next Scheduled EDR Contact: 04/19/2010
	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: 02/10/2010	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 02/11/2010	Telephone: 925-646-2286
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/08/2010
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/24/2010
	Data Release Frequency: Semi-Annually

### FRESNO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 12/31/2009	Source: Dept. of Community Health
Date Data Arrived at EDR: 01/20/2010	Telephone: 559-445-3271
Date Made Active in Reports: 01/29/2010	Last EDR Contact: 01/18/2010
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Semi-Annually

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 11/18/2009	Source: Kern County Environment Health Services Department
Date Data Arrived at EDR: 11/20/2009	Telephone: 661-862-8700
Date Made Active in Reports: 12/08/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 18	Next Scheduled EDR Contact: 05/31/2010
	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	Source: EPA Region 9
Date Data Arrived at EDR: 03/31/2009	Telephone: 415-972-3178
Date Made Active in Reports: 10/23/2009	Last EDR Contact: 03/29/2010
Number of Days to Update: 206	Next Scheduled EDR Contact: 07/12/2010
	Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/2009	Source: Department of Public Works
Date Data Arrived at EDR: 12/28/2009	Telephone: 626-458-3517
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 01/18/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/25/2010	Source: La County Department of Public Works
Date Data Arrived at EDR: 01/27/2010	Telephone: 818-458-5185
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 01/25/2010
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/10/2010
	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	Source: Engineering & Construction Division
Date Data Arrived at EDR: 03/10/2009	Telephone: 213-473-7869
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 03/02/2010
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/09/2010	Source: Community Health Services
Date Data Arrived at EDR: 02/12/2010	Telephone: 323-890-7806
Date Made Active in Reports: 03/04/2010	Last EDR Contact: 01/25/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/10/2010
	Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/25/2010	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 01/25/2010	Telephone: 310-524-2236
Date Made Active in Reports: 02/02/2010	Last EDR Contact: 01/25/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 05/10/2010
	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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 10/23/2003	Telephone: 562-570-2563
Date Made Active in Reports: 11/26/2003	Last EDR Contact: 02/01/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/21/2010	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 01/25/2010	Telephone: 310-618-2973
Date Made Active in Reports: 02/02/2010	Last EDR Contact: 01/18/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Semi-Annually

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/20/2010	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 02/03/2010	Telephone: 415-499-6647
Date Made Active in Reports: 02/23/2010	Last EDR Contact: 01/11/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/26/2010
	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: 07/09/2008	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 07/09/2008	Telephone: 707-253-4269
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 03/08/2010
Number of Days to Update: 22	Next Scheduled EDR Contact: 06/21/2010
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/08/2010  
Next Scheduled EDR Contact: 06/21/2010  
Data Release Frequency: No Update Planned

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/02/2009  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 03/04/2010  
Number of Days to Update: 16

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/12/2010  
Next Scheduled EDR Contact: 05/31/2010  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/03/2010  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 03/04/2010  
Number of Days to Update: 16

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/12/2010  
Next Scheduled EDR Contact: 05/31/2010  
Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/03/2010  
Date Data Arrived at EDR: 02/12/2010  
Date Made Active in Reports: 02/23/2010  
Number of Days to Update: 11

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/12/2010  
Next Scheduled EDR Contact: 05/31/2010  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/29/2009  
Date Data Arrived at EDR: 12/29/2009  
Date Made Active in Reports: 01/18/2010  
Number of Days to Update: 20

Source: Placer County Health and Human Services  
Telephone: 530-889-7312  
Last EDR Contact: 03/15/2010  
Next Scheduled EDR Contact: 06/28/2010  
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: 01/21/2010  
Date Data Arrived at EDR: 01/27/2010  
Date Made Active in Reports: 02/18/2010  
Number of Days to Update: 22

Source: Department of Public Health  
Telephone: 951-358-5055  
Last EDR Contact: 03/29/2010  
Next Scheduled EDR Contact: 07/12/2010  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/21/2010	Source: Health Services Agency
Date Data Arrived at EDR: 01/27/2010	Telephone: 951-358-5055
Date Made Active in Reports: 02/02/2010	Last EDR Contact: 03/29/2010
Number of Days to Update: 6	Next Scheduled EDR Contact: 07/12/2010
	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: 01/05/2010	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 01/15/2010	Telephone: 916-875-8406
Date Made Active in Reports: 01/29/2010	Last EDR Contact: 01/12/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/26/2010
	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: 01/21/2010	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 02/02/2010	Telephone: 916-875-8406
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 01/22/2010
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/26/2010
	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: 12/08/2009	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 12/09/2009	Telephone: 909-387-3041
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 02/15/2010
Number of Days to Update: 40	Next Scheduled EDR Contact: 05/31/2010
	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: 07/16/2008	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 10/29/2008	Telephone: 619-338-2268
Date Made Active in Reports: 11/26/2008	Last EDR Contact: 03/16/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2009  
Date Data Arrived at EDR: 12/04/2009  
Date Made Active in Reports: 01/18/2010  
Number of Days to Update: 45

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 02/01/2010  
Next Scheduled EDR Contact: 05/17/2010  
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: 09/23/2009  
Date Data Arrived at EDR: 12/15/2009  
Date Made Active in Reports: 01/18/2010  
Number of Days to Update: 34

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 03/16/2010  
Next Scheduled EDR Contact: 06/28/2010  
Data Release Frequency: Varies

## SAN FRANCISCO COUNTY:

### Local Oversight 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: 03/16/2010  
Next Scheduled EDR Contact: 05/31/2010  
Data Release Frequency: Quarterly

### Underground Storage Tank Information

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: 10/01/2008  
Number of Days to Update: 12

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 03/16/2010  
Next Scheduled EDR Contact: 05/31/2010  
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: 10/14/2009  
Date Data Arrived at EDR: 10/15/2009  
Date Made Active in Reports: 11/02/2009  
Number of Days to Update: 18

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 03/29/2010  
Next Scheduled EDR Contact: 07/12/2010  
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: 12/31/2009  
Date Data Arrived at EDR: 01/05/2010  
Date Made Active in Reports: 01/18/2010  
Number of Days to Update: 13

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 03/22/2010  
Next Scheduled EDR Contact: 07/05/2010  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 04/07/2009  
Date Data Arrived at EDR: 04/07/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 03/22/2010  
Next Scheduled EDR Contact: 07/05/2010  
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: 05/29/2009  
Date Data Arrived at EDR: 06/01/2009  
Date Made Active in Reports: 06/15/2009  
Number of Days to Update: 14

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 03/08/2010  
Next Scheduled EDR Contact: 06/21/2010  
Data Release Frequency: Annually

### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/31/2009  
Date Data Arrived at EDR: 08/31/2009  
Date Made Active in Reports: 09/18/2009  
Number of Days to Update: 18

Source: City of San Jose Fire Department  
Telephone: 408-277-4659  
Last EDR Contact: 02/15/2010  
Next Scheduled EDR Contact: 05/31/2010  
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: 12/07/2009  
Date Data Arrived at EDR: 12/10/2009  
Date Made Active in Reports: 01/18/2010  
Number of Days to Update: 39

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 03/08/2010  
Next Scheduled EDR Contact: 06/21/2010  
Data Release Frequency: Quarterly

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/07/2009  
Date Data Arrived at EDR: 12/10/2009  
Date Made Active in Reports: 12/22/2009  
Number of Days to Update: 12

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 03/08/2010  
Next Scheduled EDR Contact: 06/21/2010  
Data Release Frequency: Quarterly

## SONOMA COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/05/2010	Source: Department of Health Services
Date Data Arrived at EDR: 01/06/2010	Telephone: 707-565-6565
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 01/05/2010
Number of Days to Update: 12	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 04/01/2009	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 04/02/2009	Telephone: 530-822-7500
Date Made Active in Reports: 04/09/2009	Last EDR Contact: 03/29/2010
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/28/2010
	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: 01/26/2010	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 02/25/2010	Telephone: 805-654-2813
Date Made Active in Reports: 03/04/2010	Last EDR Contact: 02/23/2010
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Quarterly

### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2009	Source: Environmental Health Division
Date Data Arrived at EDR: 10/05/2009	Telephone: 805-654-2813
Date Made Active in Reports: 10/13/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 8	Next Scheduled EDR Contact: 05/17/2010
	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	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 02/23/2010
Number of Days to Update: 37	Next Scheduled EDR Contact: 06/07/2010
	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: 11/27/2009	Source: Environmental Health Division
Date Data Arrived at EDR: 12/21/2009	Telephone: 805-654-2813
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/24/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/05/2010
	Data Release Frequency: Quarterly

## YOLO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Comprehensive Facility Report  
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/28/2009	Source: Yolo County Department of Health
Date Data Arrived at EDR: 12/31/2009	Telephone: 530-666-8646
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 03/29/2010
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/12/2010
	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: 12/31/2007	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/26/2009	Telephone: 860-424-3375
Date Made Active in Reports: 09/11/2009	Last EDR Contact: 03/02/2010
Number of Days to Update: 16	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Annually

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/20/2010	Telephone: N/A
Date Made Active in Reports: 02/05/2010	Last EDR Contact: 01/20/2010
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/03/2010
	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: 01/04/2010	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/11/2010	Telephone: 518-402-8651
Date Made Active in Reports: 03/17/2010	Last EDR Contact: 02/11/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/24/2010
	Data Release Frequency: Annually

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/01/2009	Telephone: N/A
Date Made Active in Reports: 12/14/2009	Last EDR Contact: 02/23/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 11/03/2009	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/12/2010	Telephone: 401-222-2797
Date Made Active in Reports: 02/22/2010	Last EDR Contact: 03/01/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 07/17/2009  
Date Made Active in Reports: 08/10/2009  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/22/2010  
Next Scheduled EDR Contact: 07/05/2010  
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

## Electric Power Transmission Line Data

Source: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## Daycare Centers: Licensed Facilities

Source: Department of Social Services  
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 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**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

747 LEWELLING AVE  
747 LEWELLING AVE  
SAN LEANDRO, CA 94579

### TARGET PROPERTY COORDINATES

Latitude (North):	37.68620 - 37° 41' 10.3"
Longitude (West):	122.1401 - 122° 8' 24.4"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	575820.1
UTM Y (Meters):	4171142.0
Elevation:	24 ft. above sea level

### USGS TOPOGRAPHIC MAP

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

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

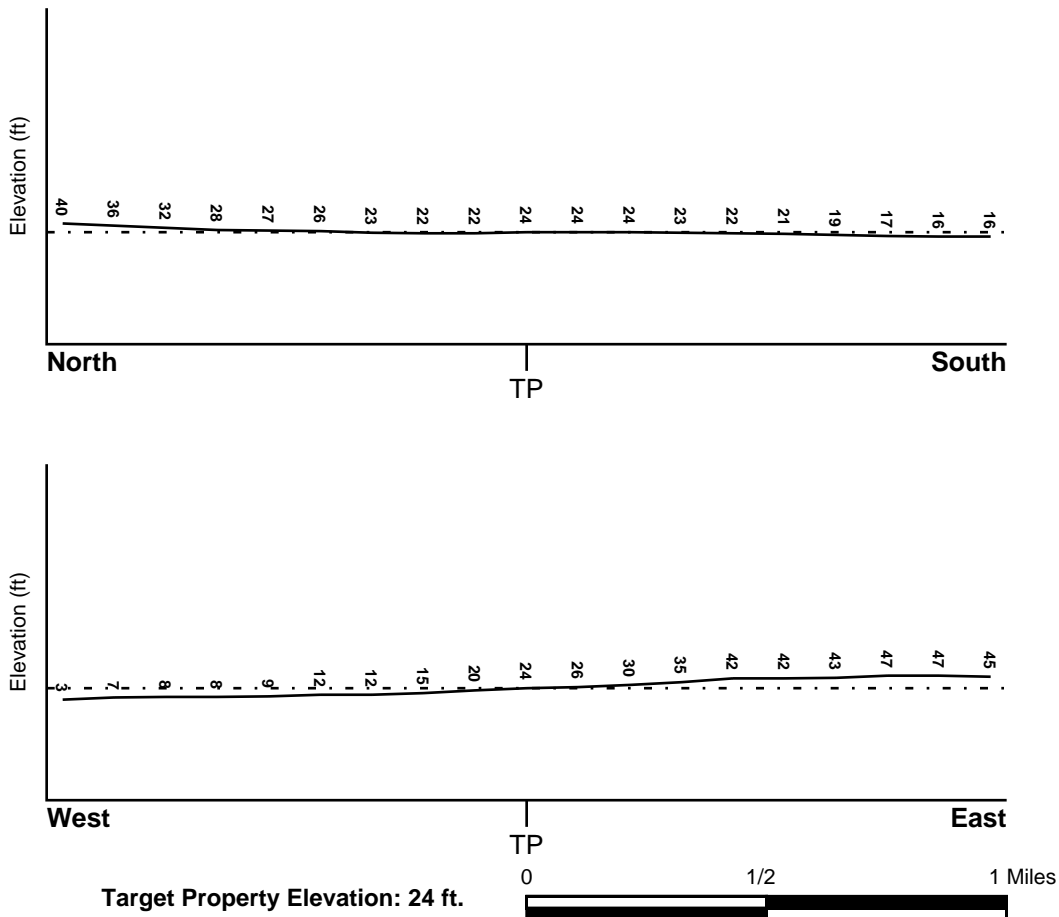
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

## 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

<u>Target Property County</u> ALAMEDA, CA	FEMA Flood <u>Electronic Data</u> 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

<u>NWI Quad at Target Property</u> SAN LEANDRO	NWI Electronic <u>Data Coverage</u> 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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
B4	1/2 - 1 Mile East	SW
B5	1/2 - 1 Mile East	SW
C6	1/2 - 1 Mile ENE	W
C7	1/2 - 1 Mile ENE	W
D9	1/2 - 1 Mile East	SW
D10	1/2 - 1 Mile East	NW
D11	1/2 - 1 Mile East	SW
D12	1/2 - 1 Mile East	SW
13	1/2 - 1 Mile ESE	SW

For additional site information, refer to Physical Setting Source Map Findings.

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## 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*)

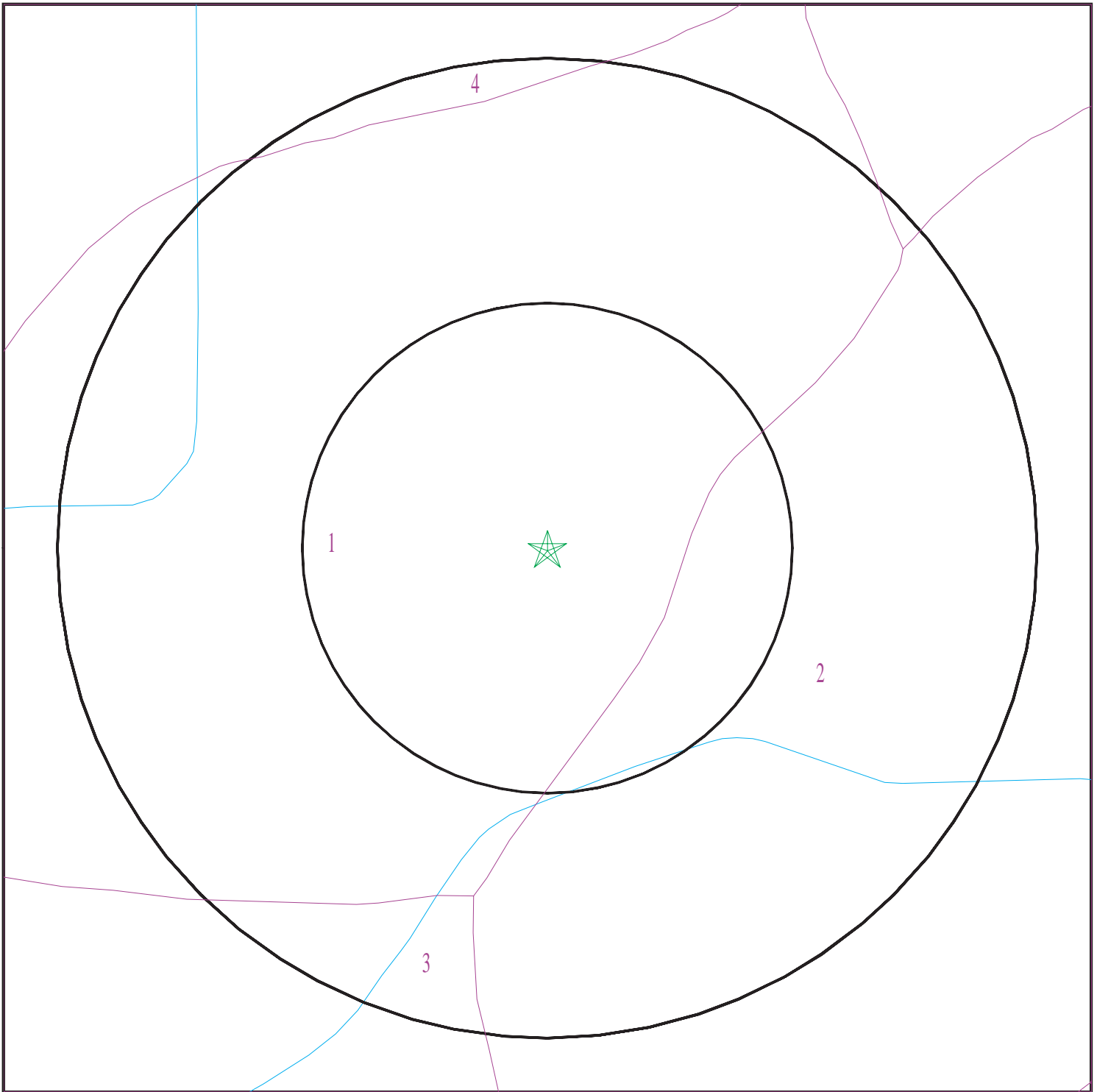
#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

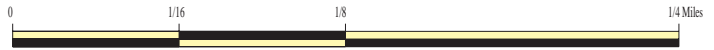
Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).



# SSURGO SOIL MAP - 2731037.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 747 Lewelling Ave  
ADDRESS: 747 Lewelling Ave  
San Leandro CA 94579  
LAT/LONG: 37.6862 / 122.1401

CLIENT: Delta Consultants  
CONTACT: Abhik Dutta  
INQUIRY #: 2731037.2s  
DATE: March 29, 2010 12:41 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: Sycamore

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:  
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	18 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

### Soil Map ID: 2

Soil Component Name: Yolo

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 6.1
2	7 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 6.1

### Soil Map ID: 3

Soil Component Name: Laugenour

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 145 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	7 inches	22 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
3	22 inches	40 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
4	40 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 42 Min: 14	Max: 8.4 Min: 7.9

### Soil Map ID: 4

Soil Component Name: Clear Lake

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
2	25 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

**Soil Map ID: 5**

Soil Component Name: Botella

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	33 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	33 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

## 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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3235824	1/4 - 1/2 Mile NW
A2	USGS3235821	1/4 - 1/2 Mile East
A3	USGS3235820	1/4 - 1/2 Mile East
8	USGS3235993	1/2 - 1 Mile SSE
14	USGS3235992	1/2 - 1 Mile SW
16	USGS3235823	1/2 - 1 Mile East

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
---------------	----------------	-------------------------

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
15	CA1700563	1/2 - 1 Mile ESE

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
17	CADW20000038043	1/2 - 1 Mile North

# PHYSICAL SETTING SOURCE MAP - 2731037.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- 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: 747 Lewelling Ave  
 ADDRESS: 747 Lewelling Ave  
 San Leandro CA 94579  
 LAT/LONG: 37.6862 / 122.1401

CLIENT: Delta Consultants  
 CONTACT: Abhik Dutta  
 INQUIRY #: 2731037.2s  
 DATE: March 29, 2010 12:41 pm



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**NW**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS3235824**

Agency cd:	USGS	Site no:	374123122083901
Site name:	003S003W12C001M		
Latitude:	374123	EDR Site id:	USGS3235824
Longitude:	1220839	Dec lat:	37.68965308
Dec lon:	-122.14524289	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	Not Reported
Location map:	SAN LEANDRO	Map scale:	Not Reported
Altitude:	18		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1958
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	106	Hole depth:	Not Reported
Source of depth data:	other reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

**A2**  
**East**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS3235821**

Agency cd:	USGS	Site no:	374107122075301
Site name:	003S002W07E001M		
Latitude:	374107.20	EDR Site id:	USGS3235821
Longitude:	1220752.56	Dec lat:	37.68533333
Dec lon:	-122.13126667	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	Not Reported
Location map:	SAN LEANDRO	Map scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 34.72  
 Altitude method: Differential Global Positioning System (GPS)  
 Altitude accuracy: 0.2  
 Altitude datum: National Geodetic Vertical Datum of 1929  
 Hydrologic: Not Reported  
 Topographic: Flat surface  
 Site type: Ground-water other than Spring Date construction: 20000101  
 Date inventoried: 20000210 Mean greenwich time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 540 Hole depth: 880  
 Source of depth data: other reported  
 Project number: 470653600  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00  
 Peak flow data count: 0 Water quality data begin date: 2000-02-10  
 Water quality data end date: 2000-02-10 Water quality data count: 1  
 Ground water data begin date: 2002-11-13 Ground water data end date: 2003-08-22  
 Ground water data count: 2

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-08-22	46.10		2002-11-13	43.91	

**A3  
East  
1/4 - 1/2 Mile  
Higher**

**FED USGS USGS3235820**

Agency cd: USGS Site no: 374107122075201  
 Site name: 003S002W07E002M  
 Latitude: 374107.36 EDR Site id: USGS3235820  
 Longitude: 1220752.45 Dec lat: 37.68537778  
 Dec lon: -122.13123611 Coor meth: D  
 Coor acc: 1 Latlong datum: NAD83  
 Dec latlong datum: NAD83 District: 06  
 State: 06 County: 001  
 Country: US Land net: Not Reported  
 Location map: SAN LEANDRO Map scale: 24000  
 Altitude: 33.82  
 Altitude method: Differential Global Positioning System (GPS)  
 Altitude accuracy: 0.2  
 Altitude datum: National Geodetic Vertical Datum of 1929  
 Hydrologic: Not Reported  
 Topographic: Flat surface  
 Site type: Ground-water other than Spring Date construction: 19991222  
 Date inventoried: 20000210 Mean greenwich time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: 540 Hole depth: 560  
 Source of depth data: driller  
 Project number: 470653600  
 Real time data flag: 0 Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0  
 Water quality data end date: 0000-00-00  
 Ground water data begin date: 2002-11-13  
 Ground water data count: 1

Water quality data begin date: 0000-00-00  
 Water quality data count: 0  
 Ground water data end date: 2002-11-13

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2002-11-13	42.89	

<b>B4 East 1/2 - 1 Mile Higher</b>	Site ID:	01-0126		
	Groundwater Flow:	SW	<b>AQUIFLOW</b>	<b>50309</b>
	Shallow Water Depth:	9.73		
	Deep Water Depth:	15.29		
	Average Water Depth:	Not Reported		
	Date:	06/10/1996		

<b>B5 East 1/2 - 1 Mile Higher</b>	Site ID:	01-0126		
	Groundwater Flow:	SW	<b>AQUIFLOW</b>	<b>50310</b>
	Shallow Water Depth:	13.5		
	Deep Water Depth:	25.0		
	Average Water Depth:	Not Reported		
	Date:	09/16/1986		

<b>C6 ENE 1/2 - 1 Mile Higher</b>	Site ID:	01-0328		
	Groundwater Flow:	W	<b>AQUIFLOW</b>	<b>52960</b>
	Shallow Water Depth:	10.87		
	Deep Water Depth:	14.95		
	Average Water Depth:	Not Reported		
	Date:	09/06/1994		

<b>C7 ENE 1/2 - 1 Mile Higher</b>	Site ID:	01-0328		
	Groundwater Flow:	W	<b>AQUIFLOW</b>	<b>52959</b>
	Shallow Water Depth:	14.5		
	Deep Water Depth:	15.0		
	Average Water Depth:	Not Reported		
	Date:	11/17/1992		

<b>8 SSE 1/2 - 1 Mile Higher</b>			<b>FED USGS</b>	<b>USGS3235993</b>
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Agency cd:	USGS	Site no:	374039122080201
Site name:	003S003W13A005M	EDR Site id:	USGS3235993
Latitude:	374039	Dec lat:	37.67743129
Longitude:	1220802	Coor meth:	M
Dec lon:	-122.13496474	Latlong datum:	NAD27
Coor accr:	F	District:	06
Dec latlong datum:	NAD83	County:	001
State:	06	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	San Leandro		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	23		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Francisco Bay. California. Area = 1200 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19900719
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	90	Hole depth:	100
Source of depth data:	logs		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1998-12-09
Water quality data end date:	1998-12-09	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

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<b>D9 East 1/2 - 1 Mile Higher</b>	Site ID:	01-1714		
	Groundwater Flow:	SW	<b>AQUIFLOW</b>	<b>68802</b>
	Shallow Water Depth:	13.82		
	Deep Water Depth:	19.28		
	Average Water Depth:	Not Reported		
	Date:	11/17/1993		

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<b>D10 East 1/2 - 1 Mile Higher</b>	Site ID:	01-1531		
	Groundwater Flow:	NW	<b>AQUIFLOW</b>	<b>52393</b>
	Shallow Water Depth:	15.62		
	Deep Water Depth:	17.62		
	Average Water Depth:	Not Reported		
	Date:	10/08/1987		

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<b>D11 East 1/2 - 1 Mile Higher</b>	Site ID:	01-1531		
	Groundwater Flow:	SW	<b>AQUIFLOW</b>	<b>52391</b>
	Shallow Water Depth:	13.37		
	Deep Water Depth:	22.18		
	Average Water Depth:	Not Reported		
	Date:	11/14/1994		

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<b>D12 East 1/2 - 1 Mile Higher</b>	Site ID:	01-1531		
	Groundwater Flow:	SW	<b>AQUIFLOW</b>	<b>52392</b>
	Shallow Water Depth:	13.35		
	Deep Water Depth:	17.50		
	Average Water Depth:	Not Reported		
	Date:	09/01/1999		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**13**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

Site ID:                    01-1298  
Groundwater Flow:        SW  
Shallow Water Depth:    9.4  
Deep Water Depth:        11  
Average Water Depth:    Not Reported  
Date:                        05/09/1996

**AQUIFLOW      68791**

**14**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

Agency cd:	USGS	Site no:	374034122090601
Site name:	003S003W13D007M	EDR Site id:	USGS3235992
Latitude:	374034.2	Dec lat:	37.67616667
Longitude:	1220906.6	Coor meth:	D
Dec lon:	-122.15183333	Latlong datum:	NAD83
Coor accr:	1	District:	06
Dec latlong datum:	NAD83	County:	001
State:	06	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	SAN LEANDRO, CA		
Altitude:	13.3		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.2		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	200011
Date inventoried:	20020724	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	640	Hole depth:	1025
Source of depth data:	driller		
Project number:	967759600		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

**FED USGS      USGS3235992**

Ground-water levels, Number of Measurements: 0

**15**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**FRDS PWS      CA1700563**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvcconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	1		
Facility name:	WELL 01 - INACTIVE		
Facility type:	Well	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvcconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3		
Facility name:	TREATMENT PLANT - WELL 02		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvcconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA1700563001		
Facility name:	WELL 01 - INACTIVE		
Facility type:	Well	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvccconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA1700563002		
Facility name:	WELL 02		
Facility type:	Well	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvccconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA1700563003		
Facility name:	TREATMENT PLANT - WELL 02		
Facility type:	Treatment_plant	Treatment process:	hypochlorination, post
Treatment objective:	disinfection		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvccconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	1		
Facility name:	WELL 01 - INACTIVE		
Facility type:	Well	Treatment process:	filtration, cartridge
Treatment objective:	particulate removal		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvcconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3		
Facility name:	TREATMENT PLANT - WELL 02		
Facility type:	Treatment_plant	Treatment process:	filtration, cartridge
Treatment objective:	particulate removal		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvcconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA1700563001		
Facility name:	WELL 01 - INACTIVE		
Facility type:	Well	Treatment process:	filtration, cartridge
Treatment objective:	particulate removal		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvcconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA1700563002		
Facility name:	WELL 02		
Facility type:	Well	Treatment process:	filtration, cartridge
Treatment objective:	particulate removal		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid: CA1700563                      Epa region: 09  
 State: CA                                      County: Not Reported  
 Pws name: Lake County CSA 22 - Mt. Hannah  
 Population Served: 88                      Pwssvcconn: 35  
 PWS Source: Groundwater  
 Pws type: CWS  
 Status: Active                                      Owner type: Local\_Govt  
 Facility id: CA1700563003  
 Facility name: TREATMENT PLANT - WELL 02  
 Facility type: Treatment\_plant                      Treatment process: filtration, cartridge  
 Treatment objective: particulate removal  
 Contact name: Mark Dellinger  
 Original name: Lake County CSA 22 - Mt. Hannah  
 Contact phone: 7072630119                      Contact address1: 230A Main Street  
 Contact address2: Not Reported  
 Contact city: Lakeport  
 Contact zip: 95453

Pwsid: CA1700563                      Epa region: 09  
 State: CA                                      County: Not Reported  
 Pws name: Lake County CSA 22 - Mt. Hannah  
 Population Served: 88                      Pwssvcconn: 35  
 PWS Source: Groundwater  
 Pws type: CWS  
 Status: Active                                      Owner type: Local\_Govt  
 Facility id: CA1700563003  
 Facility name: TREATMENT PLANT - WELL 02  
 Facility type: Treatment\_plant                      Treatment process: hypochlorination, post  
 Treatment objective: disinfection  
 Contact name: Mark Dellinger  
 Original name: Lake County CSA 22 - Mt. Hannah  
 Contact phone: 7072630119                      Contact address1: 230A Main Street  
 Contact address2: Not Reported  
 Contact city: Lakeport  
 Contact zip: 95453

Pwsid: CA1700563                      Epa region: 09  
 State: CA                                      County: Not Reported  
 Pws name: Lake County CSA 22 - Mt. Hannah  
 Population Served: 88                      Pwssvcconn: 35  
 PWS Source: Groundwater  
 Pws type: CWS  
 Status: Active                                      Owner type: Local\_Govt  
 Facility id: 1  
 Facility name: WELL 01 - INACTIVE  
 Facility type: Well                                      Treatment process: filtration, cartridge  
 Treatment objective: particulate removal  
 Contact name: Mark Dellinger  
 Original name: Lake County CSA 22 - Mt. Hannah  
 Contact phone: 7072630119                      Contact address1: 230A Main Street  
 Contact address2: Not Reported  
 Contact city: Lakeport  
 Contact zip: 95453

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvccconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	3		
Facility name:	TREATMENT PLANT - WELL 02		
Facility type:	Treatment_plant	Treatment process:	filtration, cartridge
Treatment objective:	particulate removal		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvccconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA1700563001		
Facility name:	WELL 01 - INACTIVE		
Facility type:	Well	Treatment process:	filtration, cartridge
Treatment objective:	particulate removal		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

Pwsid:	CA1700563	Epa region:	09
State:	CA	County:	Not Reported
Pws name:	Lake County CSA 22 - Mt. Hannah		
Population Served:	88	Pwssvccconn:	35
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	CA1700563002		
Facility name:	WELL 02		
Facility type:	Well	Treatment process:	filtration, cartridge
Treatment objective:	particulate removal		
Contact name:	Mark Dellinger		
Original name:	Lake County CSA 22 - Mt. Hannah		
Contact phone:	7072630119	Contact address1:	230A Main Street
Contact address2:	Not Reported		
Contact city:	Lakeport		
Contact zip:	95453		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid: CA1700563                      Epa region: 09  
 State: CA                                      County: Not Reported  
 Pws name: Lake County CSA 22 - Mt. Hannah  
 Population Served: 88                      Pwssvcconn: 35  
 PWS Source: Groundwater  
 Pws type: CWS  
 Status: Active                                      Owner type: Local\_Govt  
 Facility id: CA1700563003  
 Facility name: TREATMENT PLANT - WELL 02  
 Facility type: Treatment\_plant                      Treatment process: filtration, cartridge  
 Treatment objective: particulate removal  
 Contact name: Mark Dellinger  
 Original name: Lake County CSA 22 - Mt. Hannah  
 Contact phone: 7072630119                      Contact address1: 230A Main Street  
 Contact address2: Not Reported  
 Contact city: Lakeport  
 Contact zip: 95453

Pwsid: CA1700563                      Epa region: 09  
 State: CA                                      County: Not Reported  
 Pws name: Lake County CSA 22 - Mt. Hannah  
 Population Served: 88                      Pwssvcconn: 35  
 PWS Source: Groundwater  
 Pws type: CWS  
 Status: Active                                      Owner type: Local\_Govt  
 Facility id: 1  
 Facility name: WELL 01 - INACTIVE  
 Facility type: Well                                      Treatment process: hypochlorination, post  
 Treatment objective: disinfection  
 Contact name: Mark Dellinger  
 Original name: Lake County CSA 22 - Mt. Hannah  
 Contact phone: 7072630119                      Contact address1: 230A Main Street  
 Contact address2: Not Reported  
 Contact city: Lakeport  
 Contact zip: 95453

Pwsid: CA1700563                      Epa region: 09  
 State: CA                                      County: Not Reported  
 Pws name: Lake County CSA 22 - Mt. Hannah  
 Population Served: 88                      Pwssvcconn: 35  
 PWS Source: Groundwater  
 Pws type: CWS  
 Status: Active                                      Owner type: Local\_Govt  
 Facility id: 3  
 Facility name: TREATMENT PLANT - WELL 02  
 Facility type: Treatment\_plant                      Treatment process: hypochlorination, post  
 Treatment objective: disinfection  
 Contact name: Mark Dellinger  
 Original name: Lake County CSA 22 - Mt. Hannah  
 Contact phone: 7072630119                      Contact address1: 230A Main Street  
 Contact address2: Not Reported  
 Contact city: Lakeport  
 Contact zip: 95453

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid: CA1700563                      Epa region: 09  
 State: CA                                      County: Not Reported  
 Pws name: Lake County CSA 22 - Mt. Hannah  
 Population Served: 88                      Pwssvcconn: 35  
 PWS Source: Groundwater  
 Pws type: CWS  
 Status: Active                                      Owner type: Local\_Govt  
 Facility id: CA1700563001  
 Facility name: WELL 01 - INACTIVE  
 Facility type: Well                                      Treatment process: hypochlorination, post  
 Treatment objective: disinfection  
 Contact name: Mark Dellinger  
 Original name: Lake County CSA 22 - Mt. Hannah  
 Contact phone: 7072630119                      Contact address1: 230A Main Street  
 Contact address2: Not Reported  
 Contact city: Lakeport  
 Contact zip: 95453

Pwsid: CA1700563                      Epa region: 09  
 State: CA                                      County: Not Reported  
 Pws name: Lake County CSA 22 - Mt. Hannah  
 Population Served: 88                      Pwssvcconn: 35  
 PWS Source: Groundwater  
 Pws type: CWS  
 Status: Active                                      Owner type: Local\_Govt  
 Facility id: CA1700563002  
 Facility name: WELL 02  
 Facility type: Well                                      Treatment process: hypochlorination, post  
 Treatment objective: disinfection  
 Contact name: Mark Dellinger  
 Original name: Lake County CSA 22 - Mt. Hannah  
 Contact phone: 7072630119                      Contact address1: 230A Main Street  
 Contact address2: Not Reported  
 Contact city: Lakeport  
 Contact zip: 95453

PWS ID: CA1700563  
 Date Initiated: Not Reported                      Date Deactivated: Not Reported  
 PWS Name: LAKE COUNTY CSA 22 - MT. HANNAH  
 LAKEPORT, CA 95453

Addressee / Facility: System Owner/Responsible Party  
 MT HANNAH MUTUAL  
 17153 VIA ALAMITOS  
 SAN LORENZO, CA 94580

Facility Latitude: 37 40 51                      Facility Longitude: 122 07 23  
 City Served: Not Reported  
 Treatment Class: Untreated                      Population: 100

Violations information not reported.

**16**  
**East**  
**1/2 - 1 Mile**  
**Higher**

FED USGS      USGS3235823

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	374113122071901
Site name:	003S002W07G012M	EDR Site id:	USGS3235823
Latitude:	374118.1	Dec lat:	37.68836111
Longitude:	1220721.9	Coor meth:	D
Dec lon:	-122.12275	Latlong datum:	NAD83
Coor accr:	1	District:	06
Dec latlong datum:	NAD83	County:	001
State:	06	Land net:	Not Reported
Country:	US	Map scale:	24000
Location map:	HAYWARD		
Altitude:	35.7		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	.2		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Francisco Bay. California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19910812
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	595	Hole depth:	610
Source of depth data:	driller		
Project number:	470653600		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	1999-11-15	Water quality data count:	1
Water quality data end date:	1999-11-15	Ground water data begin date:	2002-11-13
Ground water data begin date:	2002-11-13	Ground water data end date:	2002-11-13
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
2002-11-13	30.14	

**17  
North  
1/2 - 1 Mile  
Higher**

**CA WELLS      CADW20000038043**

Longitude:	122.1417
Latitude:	37.7003
Stwellno:	03S03W01G001M
Districtco:	7
Welluseco:	I
Countycode:	1
Gwcode:	200901
Site id:	CADW20000038043

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
94579	4	0	0.00

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: 94579

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.700 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 & 2009 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<sup>R</sup> 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

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**APPENDIX C**  
**DEPARTMENT OF WATER RESOURCES**  
**WELL COMPLETION REPORTS**

**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**

**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**

**CONFIDENTIAL**

**STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)**

**REMOVED**

**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**

**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**

**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**



**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**

**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**

**CONFIDENTIAL**

**STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)**

**REMOVED**

**APPENDIX D**  
**GUIDELINES FOR SOIL GAS COLLECTION IN TEDLAR® BAGS**

## INSTRUCTIONS FOR SOIL GAS COLLECTION IN TEDLAR BAGS FULFILLING MISSOURI DNR GUIDELINES

### Collecting Samples into Tedlar Bags

1. Connect a 2-way valve on to the soil gas probe using flex tubing. Connect the vacuum gauge to the 2-way valve and to a 3-way valve on 60 cc syringe as shown in Figure 1. BEWARE, STEM ON 3-WAY VALVE POINTS TO THE OFF DIRECTION.



Fig 1: Attach syringe & vacuum gauge to soil gas probe tubing using 2-way & 3-way valves. Be sure to zip tie the connections.



2. Leak test the sampling train by pulling on the syringe with the 2-way valve on the soil gas probe in off position. The vacuum gauge should deflect to ~10" to 15" of HG.
3. Turn the 3-way valve on the syringe so that the flow-path to the vacuum gauge is off. Watch the vacuum gauge. If vacuum remains steady for 30 seconds, sampling train is leak-tight. If the vacuum does not remain steady, find the leak, correct, and repeat leak test.
4. Open the 3-way and 2-way valves so that the soil gas probe is open to the syringe and purge appropriate volume from probe using 60 cc syringe). Use 3 internal dead-volumes unless otherwise instructed to do so. Dead volume of 1/8" nylaflo is 1 cc per foot. Dead volume of 1/4" tubing is 5 cc/foot.

5. After purging, leave the syringe connected to the vapor gauge & vapor probe and connect a tedlar bag to the side port of the 3-way valve using flex tubing (figure 2).



Fig 2: Connect tedlar to the side port of the 3-way valve and fill bag with 300-450 cc vapor sample.

6. If a leak/tracer compound is required, place leak compound around base of probe where it enters the ground. An easy way to do this is to dampen a paper towel with isopropyl alcohol (rubbing alcohol) or difluoroethane (duster spray) and place around the base of probe.
7. Open valve on the tedlar bag. Fill tedlar bag with 300 cc to 400 cc using the syringe and switching the position of the 3-way valve from the probe to the tedlar bag. Note: if tedlar bags are to be shipped by air, only fill them with 300 cc. If the samples in the tedlar will be transferred to mini-canisters on-site, put 450 cc into the tedlar.
8. Once filled, close valve on tedlar bag and remove from 3-way valve.

*Note: When filling with a syringe, you control the flow rate by how fast you pull on the syringe. Hence, a flow meter should not be necessary. If you wish to install a flow meter, place it between the 60 cc syringe and the vacuum gauge.*

**APPENDIX E**  
**ALAMEDA COUNTY PUBLIC WORKS WELL PERMIT**

# Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street  
Hayward, CA 94544-1395  
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 12/22/2009 By Jamesy

Permit Numbers: W2009-1144  
Permits Valid from 12/28/2009 to 12/29/2009

Application Id: 1260925141536  
Site Location: 15275 Washington Ave  
Project Start Date: 12/28/2009  
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

City of Project Site: San Leandro

Completion Date: 12/29/2009

Applicant: Delta Consultants - Abhik Dutta  
312 Piercy Rd, San Jose, CA 95138  
Property Owner: SHELL OPUS Shell Oil Products US  
20945 S. Wilmington Ave., Carson, CA 90810  
Client: DELTA Delta Consultants  
312 Piercy Rd, San Jose, CA 95138  
Contact: Suzanne McClurkin-Nelson

Phone: 408-826-1869

Phone: --

Phone: 408-826-1869

Phone: 408-826-1875  
Cell: --

	<b>Total Due:</b>	\$265.00
<b>Receipt Number: WR2009-0455</b>	<b>Total Amount Paid:</b>	\$265.00
<b>Payer Name : Delta Consultants</b>	<b>Paid By: CHECK</b>	<b>PAID IN FULL</b>

## Works Requesting Permits:

Remediation Well Construction-Vapor Remediation Well - 9 Wells  
Driller: RSI Drilling - Lic #: 802334 - Method: other

**Work Total: \$265.00**

### Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2009-1144	12/22/2009	03/28/2010	SVG-1	8.00 in.	8.00 in.	0.50 ft	8.50 ft
W2009-1144	12/22/2009	03/28/2010	SVG-2	8.00 in.	8.00 in.	0.50 ft	8.50 ft
W2009-1144	12/22/2009	03/28/2010	SVG-3	8.00 in.	8.00 in.	0.50 ft	8.50 ft
W2009-1144	12/22/2009	03/28/2010	SVG-4	8.00 in.	8.00 in.	0.50 ft	8.50 ft
W2009-1144	12/22/2009	03/28/2010	SVG-5	8.00 in.	8.00 in.	0.50 ft	8.50 ft
W2009-1144	12/22/2009	03/28/2010	SVG-6	8.00 in.	8.00 in.	0.50 ft	8.50 ft
W2009-1144	12/22/2009	03/28/2010	SVG-7	8.00 in.	8.00 in.	0.50 ft	8.50 ft
W2009-1144	12/22/2009	03/28/2010	SVG-8	8.00 in.	8.00 in.	0.50 ft	8.50 ft
W2009-1144	12/22/2009	03/28/2010	SVG-9	8.00 in.	8.00 in.	0.50 ft	8.50 ft

### Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled,



# PROGRAMS AND SERVICES

## Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:

399 Elmhurst Street

Hayward, CA 94544

For Driving Directions or General Info, Please Contact 510-670-5480 or [wells@acpwa.org](mailto:wells@acpwa.org)

For Drilling Permit information and process contact James Yoo at

Phone: 510-670-6633

FAX: 510-782-1939

Email: [Jamesy@acpwa.org](mailto:Jamesy@acpwa.org)

Alameda County Public Works is the administering agency of General Ordinance Code, Chapter 6.88 . The purpose of this chapter is to provide for the regulation of groundwater wells and exploratory holes as required by California Water Code. The provisions of these laws are administered and enforced by Alameda County Public Works Agency through its Well Standards Program.

**Drilling Permit Jurisdictions in Alameda County:** There are four jurisdictions in Alameda County.

### Location: Agency with Jurisdiction Contact Number

Berkeley City of Berkeley Ph: 510-981-7460

Fax: 510-540-5672

Fremont, Newark, Union City Alameda County Water District Ph: 510-668-4460

Fax: 510-651-1760

Pleasanton, Dublin, Livermore, Sunol Zone 7 Water Agency Ph: 925-454-5000

Fax: 510-454-5728

The Alameda County Public Works Agency, Water Resources has the responsibility and authority to issue drilling permits and to enforce the County Water Well Ordinance 73-68. This jurisdiction covers the western Alameda County area of **Oakland, Alameda, Piedmont, Emeryville, Albany, San Leandro, San Lorenzo, Castro Valley, and Hayward** . The purpose of the drilling permits are to ensure that any new well or the destruction of wells, including geotechnical investigations and environmental sampling within the above jurisdiction and within Alameda County will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of Alameda County.

Permits are required for all work pertaining to wells and exploratory holes at any depth within the jurisdiction of the Well Standards Program. A completed permit application (30 Kb)\* , along with a site map, should be submitted at least **ten (10) working days prior to the planned start of work**. Submittals should be sent to the address or fax number provided on the application form. When submitting an application via fax, please use a high resolution scan to retain legibility.

### Fees

**Beginning April 11, 2005** , the following fees shall apply:

A permit to construct, rehabilitate, or destroy wells, including cathodic protection wells, but excluding dewatering wells (\*Horizontal hillside dewatering and dewatering for construction period only), shall cost \$300.00 per well.

A permit to bore exploratory holes, including temporary test wells, shall cost \$200 per site. A site includes the project parcel as well as any adjoining parcels.

Please make checks payable to: **Treasurer, County of Alameda**

### Permit Fees are exempt to State & Federal Projects

Applicants shall submit a letter from the agency requesting the fee exemption.

violation is committed, continued, or permitted, and shall be subject to the same punishment as for the original offense. (Prior gen. code §3-160.6)

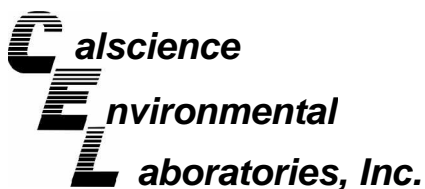
**Enforcement actions will be determined by this office on a case-by-case basis**

Drilling without a permit shall be the cost of the permit(s) and a fine of \$500.00 (Five Hundred Dollars).

**Well Completion Reports** (State DWR-188 forms) must be filed with the Well Standards Program within 60 days of completing work. Staff will review the report, assign a state well number, and then forward it to the California Department of Water Resources (DWR). Drillers should not send completed reports to DWR directly. Failure to file a Well Completion Report or deliberate falsification of the information is a misdemeanor; it is also grounds for disciplinary action by the Contractors' State License Board. Also note that filed Well Completion Reports are considered private record protected by state law and can only be released to the well owner or those specifically authorized by government agencies.

See our website ([www.acgov.org/pwa/wells/index.shtml](http://www.acgov.org/pwa/wells/index.shtml)) for links to additional forms.

**APPENDIX F**  
**CERTIFIED ANALYTICAL REPORTS**  
**WITH CHAIN-OF-CUSTODY DOCUMENTATION**



## Supplemental Report 1

March 31, 2010

The original report has been revised/corrected.

Suzanne McClurkin  
Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Subject: **CalScience Work Order No.: 10-03-1575**  
**Client Reference: 15275 Washington, San Leandro, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/19/2010 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard CalScience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in cursive script that reads 'Philip Samelle for'.

CalScience Environmental  
Laboratories, Inc.  
Xuan H. Dang  
Project Manager

## Analytical Report



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: ASTM D-1946  
Units: %v

Project: 15275 Washington, San Leandro, CA

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-1(3)	10-03-1575-1-A	03/18/10 07:00	Air	GC 36	N/A	03/19/10 00:00	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	0.971	0.500	1		Oxygen + Argon	2.32	0.500	1	

SVG-1(5)	10-03-1575-2-A	03/18/10 06:30	Air	GC 36	N/A	03/19/10 00:00	100319L01
----------	----------------	-------------------	-----	-------	-----	-------------------	-----------

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	4.22	0.500	1		Oxygen + Argon	2.06	0.500	1	

SVG-2(3)	10-03-1575-3-A	03/18/10 08:00	Air	GC 36	N/A	03/19/10 00:00	100319L01
----------	----------------	-------------------	-----	-------	-----	-------------------	-----------

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	0.519	0.500	1		Oxygen + Argon	2.31	0.500	1	

SVG-2(5)	10-03-1575-4-A	03/18/10 07:30	Air	GC 36	N/A	03/19/10 00:00	100319L01
----------	----------------	-------------------	-----	-------	-----	-------------------	-----------

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	4.91	0.500	1		Oxygen + Argon	11.2	0.500	1	

SVG-3(3)	10-03-1575-5-A	03/18/10 08:40	Air	GC 36	N/A	03/19/10 00:00	100319L01
----------	----------------	-------------------	-----	-------	-----	-------------------	-----------

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	3.38	0.500	1		Oxygen + Argon	15.1	0.500	1	

SVG-3(5)	10-03-1575-6-A	03/18/10 08:20	Air	GC 36	N/A	03/19/10 00:00	100319L01
----------	----------------	-------------------	-----	-------	-----	-------------------	-----------

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	3.43	0.500	1		Oxygen + Argon	15.0	0.500	1	

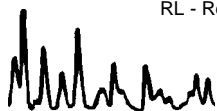
SVG-4(3)	10-03-1575-7-A	03/18/10 09:20	Air	GC 36	N/A	03/19/10 00:00	100319L01
----------	----------------	-------------------	-----	-------	-----	-------------------	-----------

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	7.63	0.500	1		Oxygen + Argon	6.75	0.500	1	

SVG-5(3)	10-03-1575-8-A	03/18/10 10:15	Air	GC 36	N/A	03/19/10 00:00	100319L01
----------	----------------	-------------------	-----	-------	-----	-------------------	-----------

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	2.22	0.500	1		Oxygen + Argon	2.74	0.500	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: ASTM D-1946  
Units: %v

Project: 15275 Washington, San Leandro, CA

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-5(5)	10-03-1575-9-A	03/18/10 10:00	Air	GC 36	N/A	03/19/10 00:00	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	ND	0.500	1		Oxygen + Argon	21.5	0.500	1	

SVG-6(3)	10-03-1575-10-A	03/18/10 11:15	Air	GC 36	N/A	03/19/10 00:00	100319L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	3.64	0.500	1		Oxygen + Argon	2.36	0.500	1	

SVG-6(5)	10-03-1575-11-A	03/18/10 10:45	Air	GC 36	N/A	03/19/10 00:00	100319L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	6.36	0.500	1		Oxygen + Argon	2.27	0.500	1	

SVG-7(3)	10-03-1575-12-A	03/18/10 11:40	Air	GC 36	N/A	03/19/10 00:00	100319L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	0.816	0.500	1		Oxygen + Argon	16.7	0.500	1	

SVG-8(3)	10-03-1575-13-A	03/18/10 12:40	Air	GC 36	N/A	03/19/10 00:00	100319L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	8.28	0.500	1		Oxygen + Argon	2.12	0.500	1	

SVG-8(5)	10-03-1575-14-A	03/18/10 12:15	Air	GC 36	N/A	03/19/10 00:00	100319L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	7.93	0.500	1		Oxygen + Argon	2.45	0.500	1	

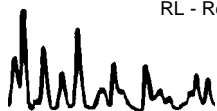
SVG-9(3)	10-03-1575-15-A	03/18/10 13:30	Air	GC 36	N/A	03/19/10 00:00	100319L01
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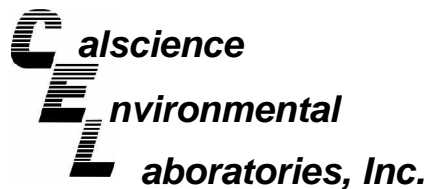
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	10.7	0.500	1		Oxygen + Argon	4.25	0.500	1	

SVG-9(5)	10-03-1575-16-A	03/18/10 13:05	Air	GC 36	N/A	03/19/10 00:00	100319L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	10.4	0.500	1		Oxygen + Argon	4.27	0.500	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



Delta Environmental Consultants, Inc.  
 312 Piercy Rd.  
 San Jose, CA 95138-1401

Date Received: 03/19/10  
 Work Order No: 10-03-1575  
 Preparation: N/A  
 Method: ASTM D-1946  
 Units: %v

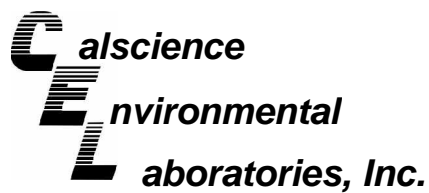
Project: 15275 Washington, San Leandro, CA

Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-03-002-1,016	N/A	Air	GC 36	N/A	03/19/10 00:00	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Carbon Dioxide	ND	0.500	1		Oxygen + Argon	ND	0.500	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA TO-3M

Project: 15275 Washington, San Leandro, CA

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-1(3)	10-03-1575-1-A	03/18/10 07:00	Air	GC 13	N/A	03/19/10 11:45	100319L01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	8700000	57000	10		ug/m3

SVG-1(5)	10-03-1575-2-A	03/18/10 06:30	Air	GC 13	N/A	03/19/10 12:13	100319L01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	8200000	57000	10		ug/m3

SVG-2(3)	10-03-1575-3-A	03/18/10 08:00	Air	GC 13	N/A	03/19/10 12:24	100319L01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	11000000	57000	10		ug/m3

SVG-2(5)	10-03-1575-4-A	03/18/10 07:30	Air	GC 13	N/A	03/19/10 12:36	100319L01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	7500000	57000	10		ug/m3

SVG-3(3)	10-03-1575-5-A	03/18/10 08:40	Air	GC 13	N/A	03/19/10 13:43	100319L01
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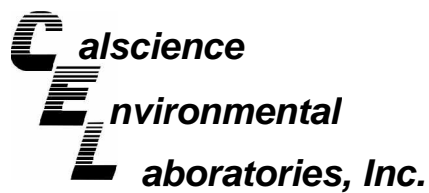
Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	39000	5700	1		ug/m3

SVG-3(5)	10-03-1575-6-A	03/18/10 08:20	Air	GC 13	N/A	03/19/10 13:53	100319L01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	49000	5700	1		ug/m3

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





## Analytical Report



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA TO-3M

Project: 15275 Washington, San Leandro, CA

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-4(3)	10-03-1575-7-A	03/18/10 09:20	Air	GC 13	N/A	03/19/10 14:04	100319L01

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	28000	5700	1		ug/m3

SVG-5(3)	10-03-1575-8-A	03/18/10 10:15	Air	GC 13	N/A	03/19/10 15:51	100319L01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	27000000	110000	20		ug/m3

SVG-5(5)	10-03-1575-9-A	03/18/10 10:00	Air	GC 13	N/A	03/19/10 14:47	100319L01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	13000000	57000	10		ug/m3

SVG-6(3)	10-03-1575-10-A	03/18/10 11:15	Air	GC 13	N/A	03/19/10 16:30	100319L01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	110000000	570000	100		ug/m3

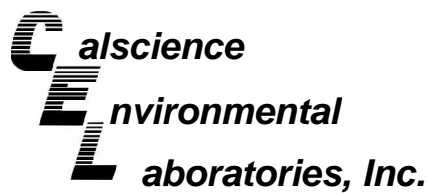
SVG-6(5)	10-03-1575-11-A	03/18/10 10:45	Air	GC 13	N/A	03/19/10 16:41	100319L01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	75000000	570000	100		ug/m3

SVG-7(3)	10-03-1575-12-A	03/18/10 11:40	Air	GC 13	N/A	03/19/10 17:51	100319L01
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	170000	5700	1		ug/m3

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA TO-3M

Project: 15275 Washington, San Leandro, CA

Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-8(3)	10-03-1575-13-A	03/18/10 12:40	Air	GC 13	N/A	03/19/10 18:02	100319L01

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	70000	5700	1		ug/m3

SVG-8(5)	10-03-1575-14-A	03/18/10 12:15	Air	GC 13	N/A	03/19/10 18:12	100319L01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	140000	5700	1		ug/m3

SVG-9(3)	10-03-1575-15-A	03/18/10 13:30	Air	GC 13	N/A	03/19/10 18:26	100319L01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	67000	5700	1		ug/m3

SVG-9(5)	10-03-1575-16-A	03/18/10 13:05	Air	GC 13	N/A	03/19/10 18:39	100319L01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	55000	5700	1		ug/m3

Method Blank	098-01-005-2,162	N/A	Air	GC 13	N/A	03/19/10 07:40	100319L01
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Gasoline	ND	5700	1		ug/m3

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

## Analytical Report



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA 8260B (M)  
Units: ug/m3

Project: 15275 Washington, San Leandro, CA

Page 1 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-1(3)	10-03-1575-1-A	03/18/10 07:00	Air	GC/MS K	N/A	03/19/10 18:37	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	8000	500		Methyl-t-Butyl Ether (MTBE)	ND	18000	500	
Toluene	ND	9400	500		Tert-Butyl Alcohol (TBA)	ND	15000	500	
Ethylbenzene	11000	11000	500		Isopropanol	ND	6100	500	
Xylenes (total)	ND	22000	500						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	117	47-156			1,2-Dichloroethane-d4	100	47-156		
Toluene-d8	102	47-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-1(5)	10-03-1575-2-A	03/18/10 06:30	Air	GC/MS K	N/A	03/19/10 19:24	100319L01

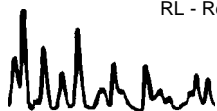
Comment(s): -Reporting limit is elevated due to high levels of non-target hydrocarbons.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	8000	500		Methyl-t-Butyl Ether (MTBE)	ND	18000	500	
Toluene	ND	9400	500		Tert-Butyl Alcohol (TBA)	ND	15000	500	
Ethylbenzene	ND	11000	500		Isopropanol	ND	6100	500	
Xylenes (total)	ND	22000	500						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	112	47-156			1,2-Dichloroethane-d4	98	47-156		
Toluene-d8	100	47-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-2(3)	10-03-1575-3-A	03/18/10 08:00	Air	GC/MS K	N/A	03/19/10 20:11	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	21000	16000	1000		Methyl-t-Butyl Ether (MTBE)	ND	36000	1000	
Toluene	ND	19000	1000		Tert-Butyl Alcohol (TBA)	ND	30000	1000	
Ethylbenzene	62000	22000	1000		Isopropanol	ND	12000	1000	
Xylenes (total)	ND	43000	1000						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	109	47-156			1,2-Dichloroethane-d4	97	47-156		
Toluene-d8	98	47-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



**Analytical Report**



Delta Environmental Consultants, Inc.  
 312 Piercy Rd.  
 San Jose, CA 95138-1401

Date Received: 03/19/10  
 Work Order No: 10-03-1575  
 Preparation: N/A  
 Method: EPA 8260B (M)  
 Units: ug/m3

Project: 15275 Washington, San Leandro, CA

Page 2 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-2(5)	10-03-1575-4-A	03/18/10 07:30	Air	GC/MS K	N/A	03/19/10 20:58	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	8000	500		Methyl-t-Butyl Ether (MTBE)	ND	18000	500	
Toluene	ND	9400	500		Tert-Butyl Alcohol (TBA)	ND	15000	500	
Ethylbenzene	54000	11000	500		Isopropanol	ND	6100	500	
Xylenes (total)	ND	22000	500						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	113	47-156			1,2-Dichloroethane-d4	96	47-156		
Toluene-d8	97	47-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-3(3)	10-03-1575-5-A	03/18/10 08:40	Air	GC/MS K	N/A	03/19/10 21:44	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	51	3.2		Methyl-t-Butyl Ether (MTBE)	ND	120	3.2	
Toluene	ND	60	3.2		Tert-Butyl Alcohol (TBA)	ND	97	3.2	
Ethylbenzene	460	69	3.2		Isopropanol	ND	39	3.2	
Xylenes (total)	230	140	3.2						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	110	47-156			1,2-Dichloroethane-d4	99	47-156		
Toluene-d8	103	47-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-3(5)	10-03-1575-6-A	03/18/10 08:20	Air	GC/MS K	N/A	03/19/10 22:30	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	64	4		Methyl-t-Butyl Ether (MTBE)	ND	140	4	
Toluene	ND	75	4		Tert-Butyl Alcohol (TBA)	ND	120	4	
Ethylbenzene	520	87	4		Isopropanol	ND	49	4	
Xylenes (total)	250	170	4						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	110	47-156			1,2-Dichloroethane-d4	99	47-156		
Toluene-d8	103	47-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

## Analytical Report



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA 8260B (M)  
Units: ug/m3

Project: 15275 Washington, San Leandro, CA

Page 3 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-4(3)	10-03-1575-7-A	03/18/10 09:20	Air	GC/MS K	N/A	03/19/10 23:20	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	16	1		Methyl-t-Butyl Ether (MTBE)	ND	36	1	
Toluene	ND	19	1		Tert-Butyl Alcohol (TBA)	ND	30	1	
Ethylbenzene	420	22	1		Isopropanol	100	12	1	
Xylenes (total)	250	43	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	92	47-156			1,2-Dichloroethane-d4	96	47-156		
Toluene-d8	92	47-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-5(3)	10-03-1575-8-A	03/18/10 10:15	Air	GC/MS V	N/A	03/20/10 12:39	100319L01

Comment(s): -Reporting limit is elevated due to high levels of non-target hydrocarbons.

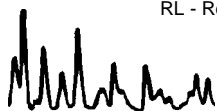
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	32000	2000		Methyl-t-Butyl Ether (MTBE)	ND	72000	2000	
Toluene	ND	38000	2000		Tert-Butyl Alcohol (TBA)	ND	61000	2000	
Ethylbenzene	ND	43000	2000		Isopropanol	ND	25000	2000	
Xylenes (total)	ND	87000	2000						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	111	47-156			1,2-Dichloroethane-d4	95	47-156		
Toluene-d8	101	47-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-5(5)	10-03-1575-9-A	03/18/10 10:00	Air	GC/MS K	N/A	03/20/10 01:54	100319L01

Comment(s): -Reporting limit is elevated due to high levels of non-target hydrocarbons.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	16000	1000		Methyl-t-Butyl Ether (MTBE)	ND	36000	1000	
Toluene	ND	19000	1000		Tert-Butyl Alcohol (TBA)	ND	30000	1000	
Ethylbenzene	ND	22000	1000		Isopropanol	ND	12000	1000	
Xylenes (total)	ND	43000	1000						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	105	47-156			1,2-Dichloroethane-d4	97	47-156		
Toluene-d8	90	47-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA 8260B (M)  
Units: ug/m3

Project: 15275 Washington, San Leandro, CA

Page 4 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-6(3)	10-03-1575-10-A	03/18/10 11:15	Air	GC/MS K	N/A	03/20/10 02:41	100319L01

Comment(s): -Reporting limit is elevated due to high levels of non-target hydrocarbons.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	130000	8000		Methyl-t-Butyl Ether (MTBE)	ND	290000	8000	
Toluene	ND	150000	8000		Tert-Butyl Alcohol (TBA)	ND	240000	8000	
Ethylbenzene	ND	170000	8000		Isopropanol	ND	98000	8000	
Xylenes (total)	ND	350000	8000						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	109	47-156			1,2-Dichloroethane-d4	97	47-156		
Toluene-d8	97	47-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-6(5)	10-03-1575-11-A	03/18/10 10:45	Air	GC/MS K	N/A	03/20/10 03:28	100319L01

Comment(s): -Reporting limit is elevated due to high levels of non-target hydrocarbons.

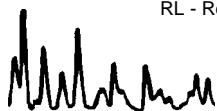
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	8000	500		Methyl-t-Butyl Ether (MTBE)	ND	18000	500	
Toluene	ND	9400	500		Tert-Butyl Alcohol (TBA)	ND	15000	500	
Ethylbenzene	ND	11000	500		Isopropanol	ND	6100	500	
Xylenes (total)	ND	22000	500						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	108	47-156			1,2-Dichloroethane-d4	98	47-156		
Toluene-d8	93	47-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-7(3)	10-03-1575-12-A	03/18/10 11:40	Air	GC/MS K	N/A	03/20/10 04:13	100319L01

Comment(s): -Reporting limit is elevated due to high levels of non-target hydrocarbons.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	160	10		Methyl-t-Butyl Ether (MTBE)	ND	360	10	
Toluene	ND	190	10		Tert-Butyl Alcohol (TBA)	ND	300	10	
Ethylbenzene	ND	220	10		Isopropanol	ND	120	10	
Xylenes (total)	ND	430	10						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	112	47-156			1,2-Dichloroethane-d4	98	47-156		
Toluene-d8	99	47-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA 8260B (M)  
Units: ug/m3

Project: 15275 Washington, San Leandro, CA

Page 5 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-8(3)	10-03-1575-13-A	03/18/10 12:40	Air	GC/MS K	N/A	03/20/10 04:57	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	80	5		Methyl-t-Butyl Ether (MTBE)	ND	180	5	
Toluene	ND	94	5		Tert-Butyl Alcohol (TBA)	ND	150	5	
Ethylbenzene	170	110	5		Isopropanol	ND	61	5	
Xylenes (total)	ND	220	5						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	96	47-156			1,2-Dichloroethane-d4	99	47-156		
Toluene-d8	94	47-156							

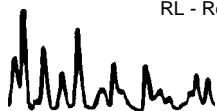
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-8(5)	10-03-1575-14-A	03/18/10 12:15	Air	GC/MS K	N/A	03/20/10 06:26	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	80	5		Methyl-t-Butyl Ether (MTBE)	ND	180	5	
Toluene	ND	94	5		Tert-Butyl Alcohol (TBA)	ND	150	5	
Ethylbenzene	300	110	5		Isopropanol	210	61	5	
Xylenes (total)	ND	220	5						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	97	47-156			1,2-Dichloroethane-d4	96	47-156		
Toluene-d8	93	47-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-9(3)	10-03-1575-15-A	03/18/10 13:30	Air	GC/MS V	N/A	03/20/10 10:56	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	80	5		Methyl-t-Butyl Ether (MTBE)	ND	180	5	
Toluene	ND	94	5		Tert-Butyl Alcohol (TBA)	ND	150	5	
Ethylbenzene	250	110	5		Isopropanol	ND	61	5	
Xylenes (total)	ND	220	5						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	118	47-156			1,2-Dichloroethane-d4	99	47-156		
Toluene-d8	98	47-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA 8260B (M)  
Units: ug/m3

Project: 15275 Washington, San Leandro, CA

Page 6 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SVG-9(5)	10-03-1575-16-A	03/18/10 13:05	Air	GC/MS V	N/A	03/20/10 11:44	100319L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	64	4		Methyl-t-Butyl Ether (MTBE)	ND	140	4	
Toluene	ND	75	4		Tert-Butyl Alcohol (TBA)	ND	120	4	
Ethylbenzene	220	87	4		Isopropanol	ND	49	4	
Xylenes (total)	ND	170	4						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	119	47-156			1,2-Dichloroethane-d4	101	47-156		
Toluene-d8	96	47-156							

Method Blank	099-13-041-7	N/A	Air	GC/MS V	N/A	03/20/10 01:11	100319L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	16	1		Methyl-t-Butyl Ether (MTBE)	ND	36	1	
Toluene	ND	19	1		Tert-Butyl Alcohol (TBA)	ND	30	1	
Ethylbenzene	ND	22	1		Isopropanol	ND	12	1	
Xylenes (total)	ND	43	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	97	47-156			1,2-Dichloroethane-d4	98	47-156		
Toluene-d8	96	47-156							

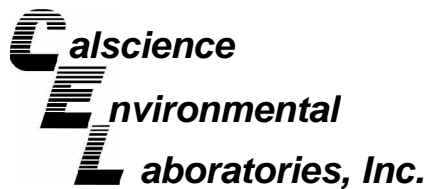
Method Blank	099-13-041-8	N/A	Air	GC/MS K	N/A	03/19/10 16:17	100319L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	16	1		Methyl-t-Butyl Ether (MTBE)	ND	36	1	
Toluene	ND	19	1		Tert-Butyl Alcohol (TBA)	ND	30	1	
Ethylbenzene	ND	22	1		Isopropanol	ND	12	1	
Xylenes (total)	ND	43	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
1,4-Bromofluorobenzene	100	47-156			1,2-Dichloroethane-d4	101	47-156		
Toluene-d8	102	47-156							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers







## Quality Control - Duplicate



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

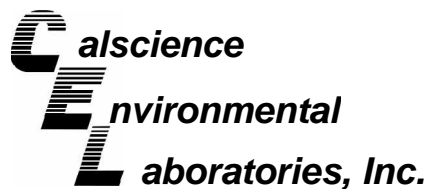
Date Received: 03/19/10  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA TO-3M

Project: 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
<b>SVG-1(3)</b>	<b>Air</b>	<b>GC 13</b>	<b>N/A</b>	<b>03/19/10</b>	<b>100319D01</b>

<u>Parameter</u>	<u>Sample Conc.</u>	<u>DUP Conc</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
TPH as Gasoline	8700000	8800000	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

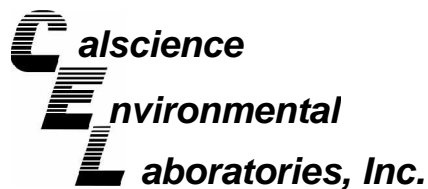
Date Received: N/A  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: ASTM D-1946

Project: 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-03-002-1,016	Air	GC 36	N/A	03/19/10	100319L01

<u>Parameter</u>	<u>LCS Conc</u>	<u>LCSD Conc</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Carbon Dioxide	5.321	5.329	0	0-30	
Oxygen + Argon	19.64	19.66	0	0-30	
Nitrogen	74.00	74.06	0	0-30	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

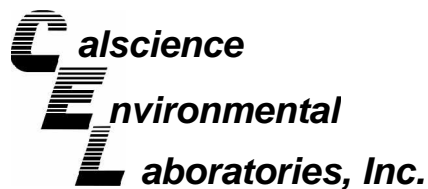
Date Received: N/A  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA 8260B (M)

Project: 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-13-041-8	Air	GC/MS K	N/A	03/19/10	100319L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	80	79	60-156	1	0-40	
Toluene	80	81	56-146	1	0-43	
Ethylbenzene	80	80	52-154	0	0-38	
p/m-Xylene	80	80	42-156	1	0-41	
o-Xylene	79	80	52-148	1	0-38	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



Delta Environmental Consultants, Inc.  
312 Piercy Rd.  
San Jose, CA 95138-1401

Date Received: N/A  
Work Order No: 10-03-1575  
Preparation: N/A  
Method: EPA 8260B (M)

Project: 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-13-041-7	Air	GC/MS V	N/A	03/19/10	100319L01

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	111	101	60-156	9	0-40	
Toluene	106	98	56-146	8	0-43	
Ethylbenzene	118	109	52-154	8	0-38	
p/m-Xylene	61	58	42-156	5	0-41	
o-Xylene	112	103	52-148	8	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 10-03-1575
 

---

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis. Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.



LAB (LOCATION)



Shell Oil Products Chain Of Custody Record

- CALSCIENCE ( \_\_\_\_\_ )
- SPL ( \_\_\_\_\_ )
- XENCO ( \_\_\_\_\_ )
- TEST AMERICA ( \_\_\_\_\_ )
- OTHER ( \_\_\_\_\_ )

Please Check Appropriate Box:

<input type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SD&CM	<input checked="" type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER _____	

Print Bill To Contact Name: SUZANNE MCCLURKIN-NELSON

INCIDENT # (ENV SERVICES): 9 7 0 9 3 4 1 2

PO #: \_\_\_\_\_ SAP #: \_\_\_\_\_

DATE: 3/18/2010

PAGE: 1 of 2

SAMPLING COMPANY: Delta Consultants

ADDRESS: 312 Piercy Rd, San Jose, CA. 95138

PROJECT CONTACT (Hardcopy or PDF Report to): Suzanne McClurkin-Nelson

TELEPHONE: 408-826-1869 FAX: 408-225-8506 E-MAIL: smcclurkin-nelson@deltaenv.com

LOG CODE: \_\_\_\_\_

SITE ADDRESS: Street and City: 15275 Washington, San Leandro State: CA GLOBAL ID NO.: T0600101226

EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico, Delta Consultant San Jose, CA PHONE NO.: 408-826-1862 E-MAIL: apico@deltaenv.com CONSULTANT PROJECT NO.: SCA152751A

SAMPLER NAME(S) (Print): Abhik Dutta

LAB USE ONLY: 10-03-1575

TURNAROUND TIME (CALENDAR DAYS):

STANDARD (14 DAY)  5 DAYS  3 DAYS  2 DAYS  24 HOURS  RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT  UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

please also email results to: adutta@deltaenv.com

SHELL CONTRACT RATE APPLIES

STATE REIMBURSEMENT RATE APPLIES

EDD NOT NEEDED

RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

Air Analysis										Waste Characterization			TEMPERATURE ON RECEIPT °C	
TPH-G Purgeable (8260)	BTEX (8260)	MTBE (8260)	TBA (8260)	Carbon Dioxide (ASTM 1945-96)	Oxygen (ASTM 1945-96)	IPA	CAM 17 Metals (6010)	Run STLCTCLP Metals/Org Pb if needed	Run Bioassay if Benzene >5000 ppm.	Container PID Readings or Laboratory Notes				
X	X	X	X	X	X	X								

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	REQUESTED ANALYSIS										TEMPERATURE ON RECEIPT °C						
		DATE	TIME		HCL	HN03	H2SO4	NONE	OTHER		TPH-G Purgeable (8260)	BTEX (8260)	MTBE (8260)	TBA (8260)	Carbon Dioxide (ASTM 1945-96)	Oxygen (ASTM 1945-96)	IPA	CAM 17 Metals (6010)	Run STLCTCLP Metals/Org Pb if needed	Run Bioassay if Benzene >5000 ppm.							
1	SVG-1 (3)	3/18/10	7:00	AIR				X		X	X	X	X	X	X	X											
2	SVG-1 (5)		6:30																								
3	SVG-2 (3)		8:00																								
4	SVG-2 (5)		7:30																								
5	SVG-3 (3)		8:40																								
6	SVG-3 (5)		8:20																								
7	SVG-4 (3)		9:10																								
8	SVG-5 (3)		10:15																								
9	SVG-5 (5)		10:00																								
10	SVG-6 (3)		11:15																								

\*Note 48 hr. hold time used IPA as leak tracer use 10-15 if needed although standard turn around time, please be aware of the hold time of samples

Relinquished by: (Signature) <i>[Signature]</i> Date: 3/18/10	Received by: (Signature) _____ Date: _____	Date: _____	Time: _____
Relinquished by: (Signature) GSO	Received by: (Signature) <i>[Signature]</i> Date: _____	Date: 031910	Time: 1030
Relinquished by: (Signature)	Received by: (Signature)	Date: _____	Time: _____

LAB (LOCATION)



Shell Oil Products Chain Of Custody Record

- CALSCIENCE (\_\_\_\_\_)
- SPL (\_\_\_\_\_)
- XENCO (\_\_\_\_\_)
- TEST AMERICA (\_\_\_\_\_)
- OTHER (\_\_\_\_\_)

Please Check Appropriate Box:

<input type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SD&CM	<input checked="" type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER _____	

Print Bill To Contact Name:

SUZANNE MCCLURKIN-NELSON

PO # \_\_\_\_\_

INCIDENT # (ENV SERVICES):

9 7 0 9 3 4 1 2

SAP # \_\_\_\_\_

CHECK IF NO INCIDENT # APPLIES

DATE: 3/18/2010

PAGE: 2 of 2

SAMPLING COMPANY: Delta Consultants

ADDRESS: 312 Piercy Rd, San Jose, CA. 95138

PROJECT CONTACT (Hardcopy or PDF Report to): Suzanne McClurkin-Nelson

TELEPHONE: 408-826-1869 FAX: 408-225-8506 E-MAIL: smcclurkin-nelson@deltaenv.com

SITE ADDRESS: Street and City: 15275 Washington, San Leandro State: CA GLOBAL ID NO.: T0600101226

EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico, Delta Consultant San Jose, CA PHONE NO.: 408-826-1862 E-MAIL: apico@deltaenv.com CONSULTANT PROJECT NO.: SCA152751A

SAMPLER NAME(S) (Print): Abhik Dutta

TURNAROUND TIME (CALENDAR DAYS):

STANDARD (14 DAY)  5 DAYS  3 DAYS  2 DAYS  24 HOURS  RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT  UST AGENCY:

REQUESTED ANALYSIS

Air Analysis								Waste Characterization			TEMPERATURE ON RECEIPT C°
TPH-G Purgeable (8260)	BTEX (8260)	MTBE (8260)	TBA (8260)	Carbon Dioxide (ASTM 1945-96)	Oxygen (ASTM 1945-96)	IPA		CAM 17 Metals (6010)	Run STL/TCLP Metals/Org Pb if needed	Run Bioassay if Benzene >5000 ppm.	Container PID Readings or Laboratory Notes

SPECIAL INSTRUCTIONS OR NOTES :

please also email results to: adutta@deltaenv.com

SHELL CONTRACT RATE APPLIES

STATE REIMBURSEMENT RATE APPLIES

EDD NOT NEEDED

RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	REQUESTED ANALYSIS							TEMPERATURE ON RECEIPT C°	Container PID Readings or Laboratory Notes				
		DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER		TPH-G Purgeable (8260)	BTEX (8260)	MTBE (8260)	TBA (8260)	Carbon Dioxide (ASTM 1945-96)	Oxygen (ASTM 1945-96)	IPA			CAM 17 Metals (6010)	Run STL/TCLP Metals/Org Pb if needed	Run Bioassay if Benzene >5000 ppm.	
	11 SVG-6 (5)	3/18/10	10:45	AIR				X			X	X	X	X	X	X							
	12 SVG-7 (3)		11:40																				
	13 SVG-8 (3)		12:40																				
	14 SVG-8 (5)		12:15																				
	15 SVG-9 (3)		13:30																				
	16 SVG-9 (5)		13:08																				

Relinquished by: (Signature) <i>[Signature]</i> Date: 3/18/10	Received by: (Signature) _____ Date: _____
Relinquished by: (Signature) <i>GRW</i> Date: _____	Received by: (Signature) <i>[Signature]</i> Date: 031910
Relinquished by: (Signature) _____ Date: _____	Received by: (Signature) _____ Date: 1030

\* Note 48 hour hold time

used IPA as leak tracer use T0-15 if needed although standard turn around time, please be aware of the hold time of the samples

PLEASE PRESS FIRMLY

1 FROM

DATE 3/18/01  
 COMPANY Delta Consultants  
 ADDRESS 512 Piercy Rd  
 ADDRESS  
 CITY San Jose  
 STATE/ROOM  
 ZIP CODE 95138  
 SENDERS NAME Abhik Dutta  
 PHONE NUMBER 408-874-5859

2 TO

COMPANY CAL SCIENCE  
 NAME  
 PHONE NUMBER 714 955 5454  
 ADDRESS 7400 LINCOLN WAY  
 ADDRESS  
 CITY GARDEN GROVE  
 STATE/ROOM  
 ZIP CODE 92841

3

YOUR INTERNAL BILLING  
 REFERENCE WILL APPEAR  
 ON YOUR INVOICE

SPECIAL INSTRUCTIONS



GOLDEN STATE OVERNIGHT

1-800-322-5555

WWW.GSO.COM

SHIPPING AIR BILL

- 4 PACKAGE INFORMATION
- LETTER (MAX 8 OZ)
  - PACKAGE (WT) \_\_\_\_\_
  - DECLARED VALUE \$ \_\_\_\_\_
  - COD AMOUNT \$ \_\_\_\_\_  
(CASH NOT ACCEPTED)

PACKAGE LABEL

- 5 DELIVERY SERVICE  PRIORITY OVERNIGHT BY 10:30 AM  EARLY PRIORITY BY 8:00 AM  SATURDAY DELIVERY

\*DELIVERY TIMES MAY BE LATER IN SOME AREAS • CONSULT YOUR SERVICE GUIDE OR CALL GOLDEN STATE OVERNIGHT.

6 RELEASE SIGNATURE

SIGN TO AUTHORIZE DELIVERY WITHOUT OBTAINING SIGNATURE

7

8 PICK UP INFORMATION

TIME

DRIVER #

ROUTE #

105866729

PEEL OFF HERE



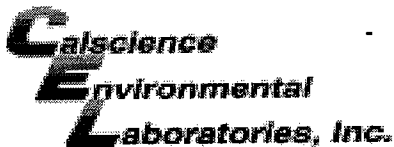
105866729

9 GSO TRACKING NUMBER

105866729

1578





WORK ORDER #: 10-03-11575

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Delta

DATE: 03/19/10

**TEMPERATURE:** Thermometer ID: SC1 (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature \_\_\_\_ . \_\_\_\_ °C + 0.5°C (CF) = \_\_\_\_ . \_\_\_\_ °C  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature:  Air  Filter  Metals Only  PCBs Only Initial: NC

**CUSTODY SEALS INTACT:**

Cooler  \_\_\_\_\_  No (Not Intact)  Not Present  N/A Initial: NC

Sample  \_\_\_\_\_  No (Not Intact)  Not Present Initial: YL

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**CONTAINER TYPE:**

**Solid:**  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (\_\_\_\_)  EnCores®  TerraCores®  \_\_\_\_\_

**Water:**  VOA  VOA<sub>h</sub>  VOA<sub>na2</sub>  125AGB  125AGB<sub>h</sub>  125AGB<sub>p</sub>  1AGB  1AGB<sub>na2</sub>  1AGB<sub>s</sub>

500AGB  500AGJ  500AGJ<sub>s</sub>  250AGB  250CGB  250CGB<sub>s</sub>  1PB  500PB  500PB<sub>na</sub>

250PB  250PB<sub>n</sub>  125PB  125PB<sub>z<sub>na</sub></sub>  100PJ  100PJ<sub>na2</sub>  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

**Air:**  Tedlar®  Summa® **Other:**  \_\_\_\_\_ **Trip Blank Lot#:** \_\_\_\_\_ **Checked by:** YL

**Container:** C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** \_\_\_\_\_

**Preservative:** h: HCL n: HNO3 na<sub>2</sub>:Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Na: NaOH p: H<sub>3</sub>PO<sub>4</sub> s: H<sub>2</sub>SO<sub>4</sub> z<sub>na</sub>: ZnAc<sub>2</sub>+NaOH f: Field-filtered **Scanned by:** YL

**APPENDIX G**  
**HISTORICAL SOIL VAPOR DATA**

**Table 1**  
**Soil Vapor Sampling Analytical Data**  
Former Shell Service Station  
15275 Washington Avenue  
San Leandro, California

Sample Location (depth, feet)	Date	TPH-g ( $\mu\text{g}/\text{m}^3$ )	Benzene ( $\mu\text{g}/\text{m}^3$ )	Toluene ( $\mu\text{g}/\text{m}^3$ )	Ethyl-benzene ( $\mu\text{g}/\text{m}^3$ )	Total Xylenes ( $\mu\text{g}/\text{m}^3$ )	MTBE ( $\mu\text{g}/\text{m}^3$ )	TBA ( $\mu\text{g}/\text{m}^3$ )	1,1-difluoroethane ( $\mu\text{g}/\text{m}^3$ ) <sup>a</sup>
P-24 (3)	09/23/09	160,000	1.9	25	ND<2.2	ND<8.7	ND<7.2	ND<15	570,000
P-24 (5)	09/23/09	340,000	ND<3.2	ND<38	ND<4.3	ND<17	ND<14	ND<30	1,000,000
P-24 (8)	09/23/09	48,000	1.7	ND<19	ND<2.2	ND<8.7	ND<7.2	ND<15	3,900,000
P-25 (3)	09/23/09	2,900,000	ND<64	ND<750	ND<87	ND<350	ND<7.2	ND<610	2,600,000
P-25 (5)	09/23/09	ND<5,700	ND<1.6	ND<19	ND<2.2	ND<8.7	ND<19	ND<15	4,300
P-25 (8)	09/23/09	ND<5,700	ND<1.6	ND<19	ND<2.2	ND<8.7	ND<7.2	ND<15	210
P-26 (3)	09/23/09	ND<5,700	1.8	21	ND<2.2	ND<8.7	ND<7.2	ND<15	28
P-26 (5)	09/23/09	610,000	ND<6.4	ND<75	ND<8.7	ND<35	ND<29	ND<61	1,300,000
P-26 (8)	09/23/09	2,600,000	ND<64	ND<750	ND<87	ND<350	ND<350	ND<610	4,800,000
P-27 (3)	09/24/09	410,000	ND<4.0	ND<47	ND<5.4	ND<22	ND<18	ND<38	710,000
P-27 (5)	09/24/09	120,000	ND<1.6	ND<19	ND<2.2	ND<8.7	ND<7.2	ND<15	14,000
P-27 (8)	09/24/09	570,000	ND<4.0	ND<47	ND<5.4	ND<22	ND<18	ND<38	860,000
P-28 (3)	09/24/09	1,200,000	ND<8.0	ND<94	ND<11	ND<43	ND<36	ND<76	2,200,000
P-28 (5)	09/24/09	58,000	1.8	ND<19	ND<2.2	ND<8.7	ND<7.2	ND<15	11,000
P-28 (8) <sup>b</sup>	09/24/09	270,000	ND<3.2	ND<38	ND<4.3	ND<17	ND<14	ND<30	42,000
P-29 (3)	09/24/09	1,200,000	ND<8.0	ND<94	ND<11	ND<43	ND<36	ND<76	2,000,000
P-29 (5)	09/24/09	660,000	ND<6.4	ND<75	ND<8.7	ND<35	ND<29	ND<61	1,300,000
P-29 (8) <sup>b</sup>	09/24/09	46,000	ND<1.6	ND<19	ND<2.2	ND<8.7	ND<7.2	ND<15	83,000

**Abbreviations and Notes:**

TPH-g - Total petroleum hydrocarbons as gasoline

MTBE - Methyl-tert butyl ether

TBA - Tert-butyl alcohol

( $\mu\text{g}/\text{m}^3$ ) - micrograms per cubic meter

ND - Not detected above shown detection limit

a. Concentrations exceeding 10,000  $\mu\text{g}/\text{m}^3$  generally indicate the presence of a leak

b. Dilution analysis was performed outside the recommended holding time for tracer gas compound (1,1-difluoroethane)

PROJECT NUMBER SCA152751A  
 APPROVED BY  
 CHECKED BY  
 DRAWN BY AD  
 10/09/09

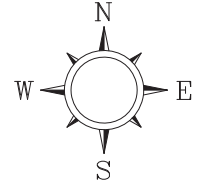
40  
 20  
 0  
 SCALE IN FEET

P-27		P-25		P-26	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )	DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )	DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	410,000	3	2,900,000	3	ND<5,700
5	120,000	5	ND<5,700	5	610,000
8	570,000	8	ND<5,700	8	2,600,000

P-28	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	1,200,000
5	58,000
8	270,000

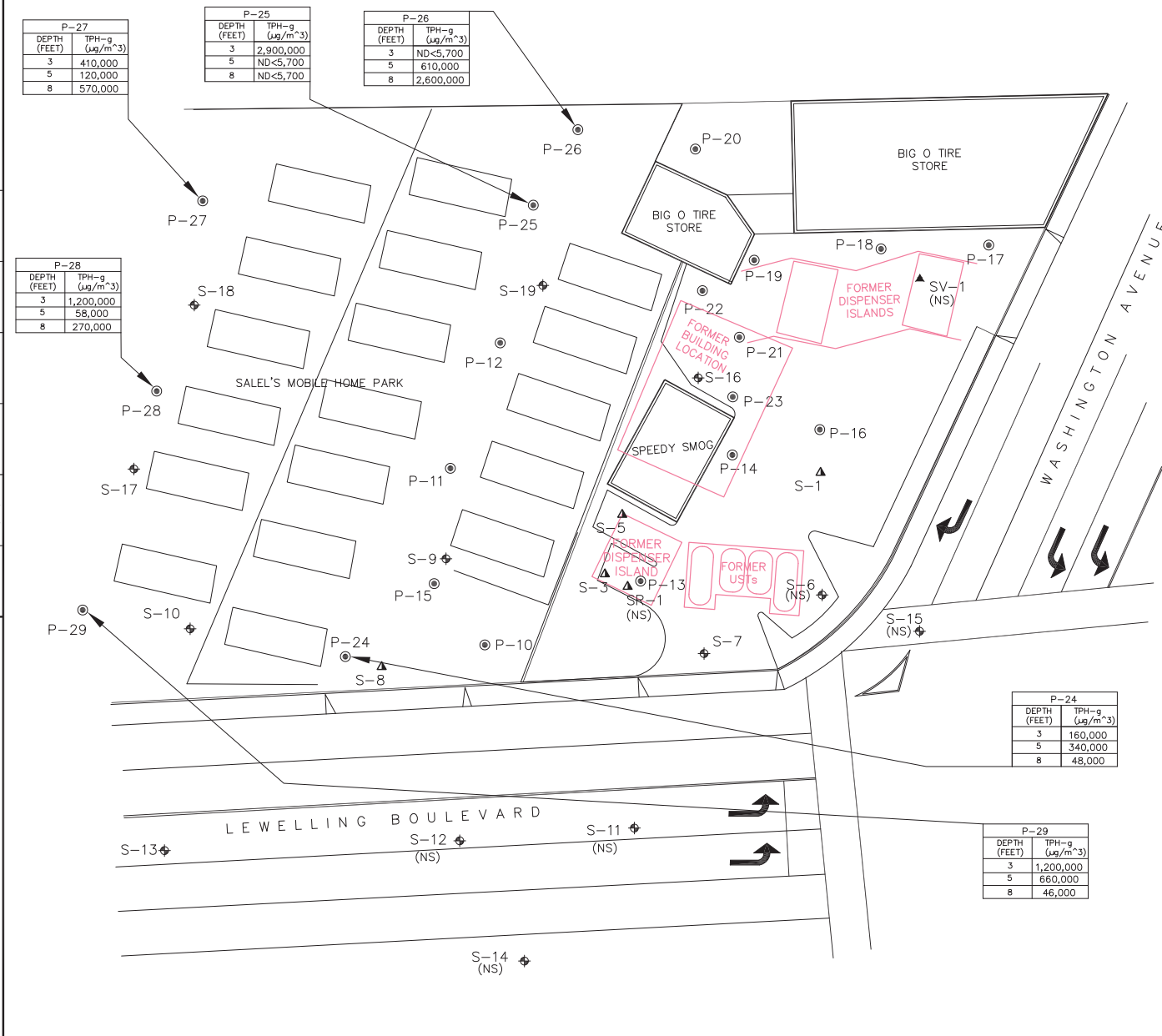
P-24	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	160,000
5	340,000
8	48,000

P-29	
DEPTH (FEET)	TPH-g ( $\mu\text{g}/\text{m}^3$ )
3	1,200,000
5	660,000
8	46,000



LEGEND

- S-6 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- S-1 GROUNDWATER MONITORING WELL MODIFIED FOR SOIL VAPOR EXTRACTION
- SV-1 SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
- P-18 SOIL VAPOR SAMPLE LOCATIONS
- ND< NOT DETECTED ABOVE LIMIT NOTED
- ( $\mu\text{g}/\text{m}^3$ ) MICROGRAMS PER METER CUBED
- TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE



**DELTA CONSULTANTS**

SHELL OIL PRODUCTS  
 FORMER SHELL-BRANDED SERVICE STATION  
 SAN LEANDRO, CALIFORNIA

**FIGURE 3**

**THP-g CONCENTRATION MAP**

15275 WASHINGTON AVENUE  
 SAN LEANDRO, CALIFORNIA

PROJECT NUMBER  
SCA152751A

APPROVED BY

CHECKED BY

DRAWN BY  
AD

SCALE IN FEET  
0 20 40

P-27	
DEPTH (FEET)	BENZENE ( $\mu\text{g}/\text{m}^3$ )
3	ND<4.0
5	ND<1.6
8	ND<4.0

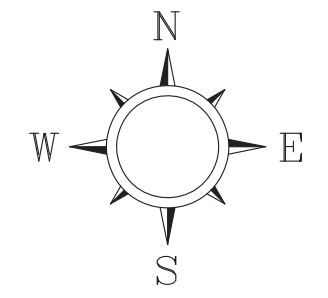
P-25	
DEPTH (FEET)	BENZENE ( $\mu\text{g}/\text{m}^3$ )
3	ND<6.4
5	ND<1.6
8	ND<1.6

P-26	
DEPTH (FEET)	BENZENE ( $\mu\text{g}/\text{m}^3$ )
3	1.8
5	ND<6.4
8	ND<6.4

P-28	
DEPTH (FEET)	BENZENE ( $\mu\text{g}/\text{m}^3$ )
3	ND<8.0
5	1.8
8	ND<3.2

P-24	
DEPTH (FEET)	BENZENE ( $\mu\text{g}/\text{m}^3$ )
3	1.9
5	ND<3.2
8	1.7

P-29	
DEPTH (FEET)	BENZENE ( $\mu\text{g}/\text{m}^3$ )
3	ND<8.0
5	ND<6.4
8	ND<1.6



- LEGEND**
- S-6 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
  - S-1 GROUNDWATER MONITORING WELL MODIFIED FOR SOIL VAPOR EXTRACTION
  - SV-1 SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
  - P-18 SOIL VAPOR SAMPLE LOCATIONS
  - ND< NOT DETECTED ABOVE LIMIT NOTED
  - ( $\mu\text{g}/\text{m}^3$ ) MICROGRAMS PER METER CUBED



SHELL OIL PRODUCTS  
FORMER SHELL-BRANDED SERVICE STATION  
SAN LEANDRO, CALIFORNIA

FIGURE 4

BENZENE CONCENTRATION MAP

15275 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA

**TABLE 1**  
**SOIL VAPOR SAMPLING ANALYTICAL DATA**  
**Former Shell Service Station**  
**15275 Washington Boulevard**  
**San Leandro, CA**

Well ID	Date	Depth (feet)	TPH-g (ug/m3)	B (ug/m3)	T (ug/m3)	E (ug/m3)	X (ug/m3)	MTBE (ug/m3)	TBA (ug/m3)	2-Propanol
P-10	6/11/2008	5.5 ft	100,000	<2.7	14	3.9	11.8	<3.0	43	<8.2
P-11	6/11/2008	5.5 ft	8,000,000	1,100	240	<180	<180	<150	<520	<420
P-12	6/11/2008	5.5 ft	7,800,000	810	<630	<730	<730	<600	<5,100	<1,600
P-13	6/10/2008	5.5 ft	5,300	<2.5	5.6	<3.4	3.6	<2.8	<24	<7.8
P-14	6/10/2008	5.5 ft	2,100,000	1400	<130	4,700	280	<120	<1,000	<340
P-15	6/11/2008	5.5 ft	160,000	<54	<63	<73	<73	<60	<150	<160
P-16	6/10/2008	5.5 ft	130,000	<13	<15	26	<17	<14	<120	<120
P-17	6/10/2008	5.5 ft	450	<2.5	5.4	<3.4	3.6	<2.8	<23	<7.6
P-17D	6/10/2008	5.5 ft	1,100	<2.5	4.0	<3.4	<3.4	<2.8	<24	<7.8
P-18	6/10/2008	5.5 ft	13,000	3.2	6.0	<3.6	4.0	<3.0	36	<8.2
P-19	6/10/2008	5.5 ft	9,000,000	600	270	<180	<180	<150	<510	<410
P-20	6/10/2008	5.5 ft	26,000	<2.5	240	<3.4	<3.4	<2.8	55	27
P-20LD	6/10/2008	5.5 ft	26,000	<2.5	230	<3.4	<3.4	<2.8	52	29
P-21	6/10/2008	5.5 ft	8,200,000	6,400	280	27,000	3,500	<100	<340	<280
P-22	6/10/2008	5.5 ft	8,200,000	1,400	<320	14,000	<360	<300	<1,000	<820
P-23	6/10/2008	5.5 ft	6,500,000	12,000	190	46,000	25,120	<56	<190	<150
P-23LD	6/10/2008	5.5 ft	6,500,000	11,000	180	44,000	23,110	<56	<190	<150

Abbreviations:

TPH-g = Total petroleum hydrocarbons as gasoline by EPA Method T0-14/T0-15

BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method T0-14A/T0-15

MTBE = Methyl tert-butyl ether

TBA = Tert-butyl-alcohol

2-Propanol= Isopropyl alcohol

ug/m3 = Microgram per cubic meter

<n = Not detected, below method detection limit

D = Duplicate sample

LD = Lab duplicate

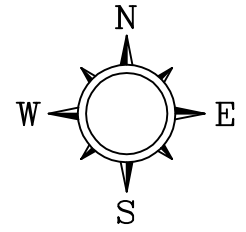
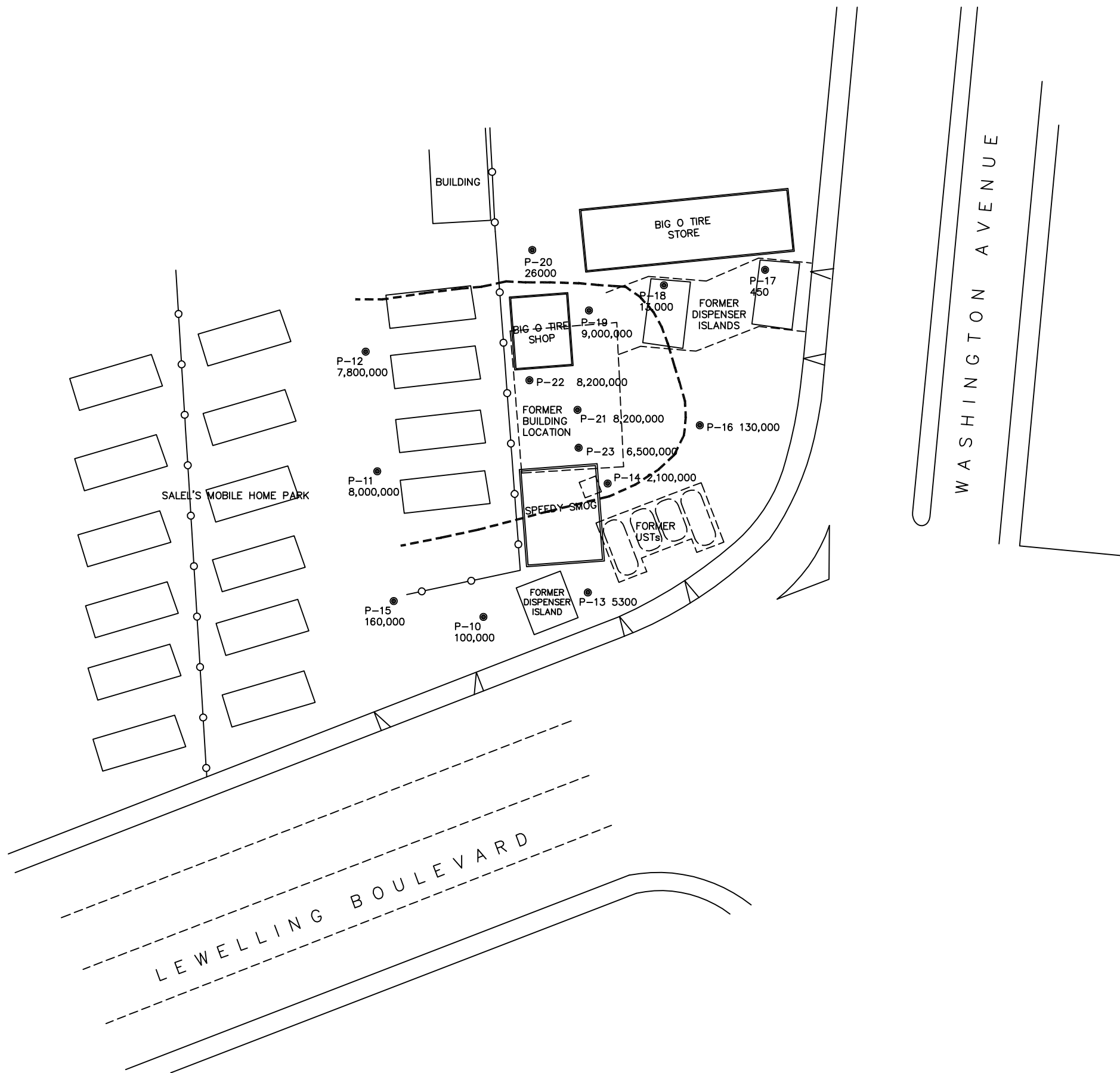
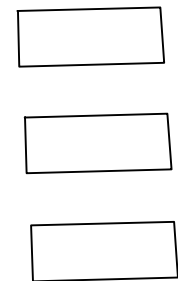
PROJECT NUMBER SCA15275-1

APPROVED BY

CHECKED BY

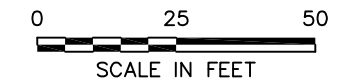
DRAWN BY AD

6/19/08



LEGEND

- 1,000,000 ● DETECTED TPH-g CONCENTRATIONS µg/m<sup>3</sup>
- APPROXIMATE TPH-g 100,000 µg/m<sup>3</sup> CONCENTRATION ISOCONTOUR



SHELL OIL PRODUCTS U.S.  
FORMER SHELL-BRANDED SERVICE STATION  
SAN LEANDRO, CALIFORNIA

FIGURE 3

TPH-G CONCENTRATIONS AND  
TPH -g > 1,000,000 µg/m<sup>3</sup> ISOCONTOUR MAP  
15275 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA

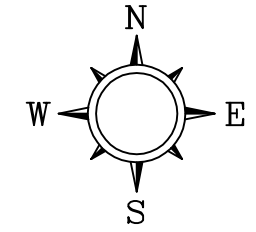
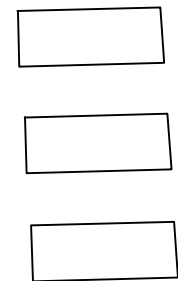
PROJECT NUMBER SCA15275-1

APPROVED BY

CHECKED BY

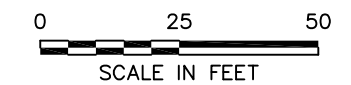
DRAWN BY AD

6/19/08



LEGEND

- 1,000 ● DETECTED BENZENE CONCENTRATIONS  $\mu\text{g}/\text{m}^3$
- APPROXIMATE BENZENE CONCENTRATION 1000  $\mu\text{g}/\text{m}^3$  CONCENTRATION ISOCONTOUR



SHELL OIL PRODUCTS U.S.  
FORMER SHELL-BRANDED SERVICE STATION  
SAN LEANDRO, CALIFORNIA

FIGURE 4

BENZENE CONCENTRATIONS AND  
BENZENE > 1,000  $\mu\text{g}/\text{m}^3$  ISOCONTOUR MAP  
15275 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA



TABLE 5

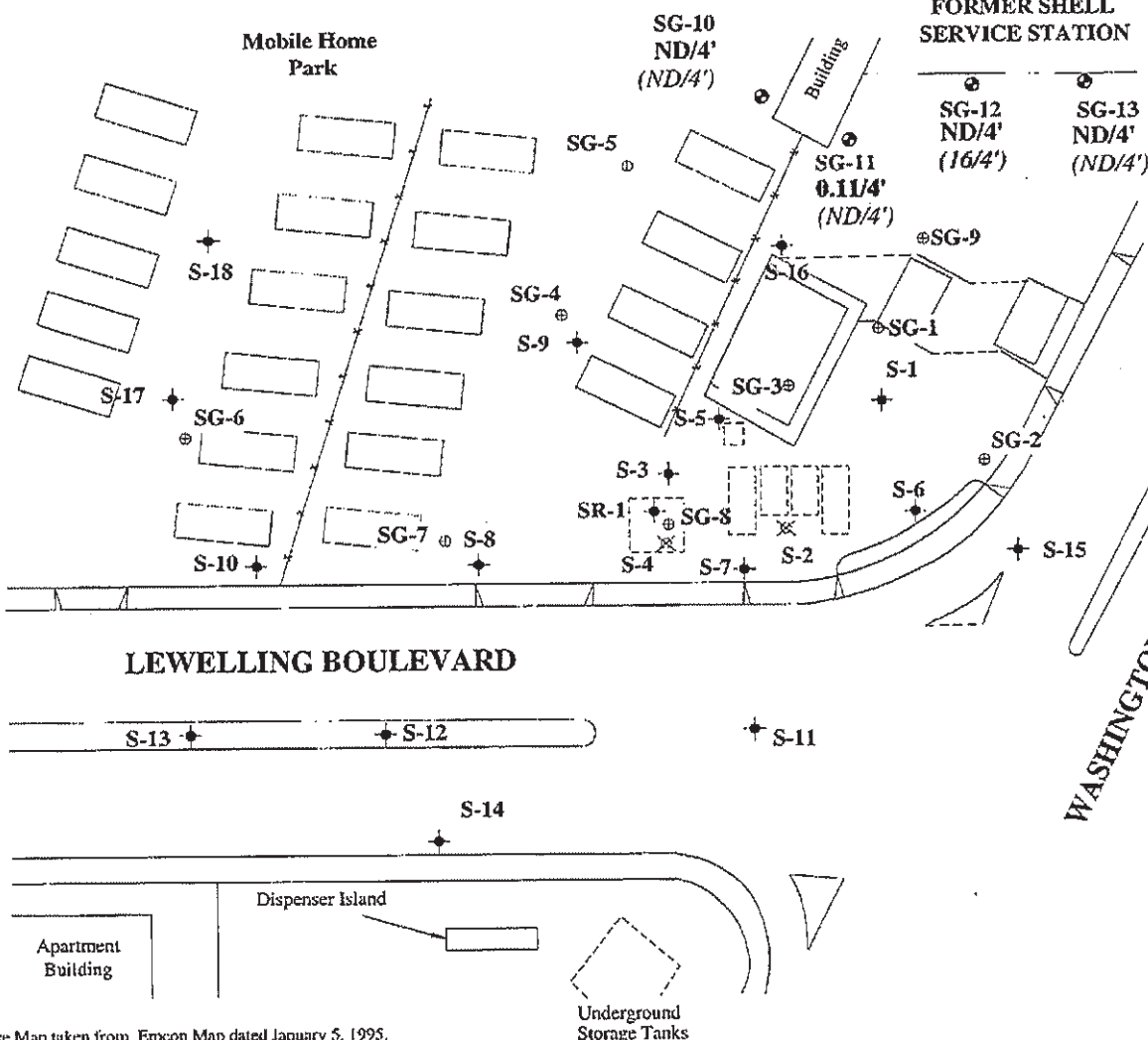
SOIL GAS SURVEY ANALYTICAL DATA  
 Shell Oil Products Company  
 15275 Washington Avenue  
 San Leandro, CA  
 WIC# 204-6852-1008

Sample Depth (ft)	Date Sampled	TPPH ( $\mu\text{g}/\text{m}^3$ )	B ( $\mu\text{g}/\text{m}^3$ )	T ( $\mu\text{g}/\text{m}^3$ )	E ( $\mu\text{g}/\text{m}^3$ )	X ( $\mu\text{g}/\text{m}^3$ )	MTBE ( $\mu\text{g}/\text{m}^3$ )	Comments
<b>SG-10-4</b>								
4	31-Jul-97	1700	<7.0	11	<9.5	22	11	
<b>SG-11-4</b>								
4	31-Jul-97	660	<6.7	<7.9	<9.0	<9.0	<7.5	
<b>SG-12-4</b>								
4	31-Jul-97	5000	16	<8.3	13	22	29	
<b>SG-13-4</b>								
4	31-Jul-97	5000	<71	<84	<97	<97	<81	

Abbreviations:

<x = Not detected at detection limit of x

NA = Not analyzed or not available



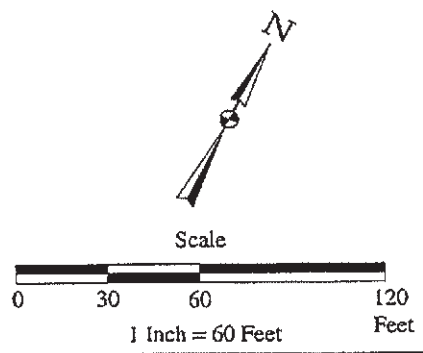
**EXPLANATION**

- ✦ Groundwater Monitoring Well
- ✕ Abandoned Groundwater Monitoring Well
- ⊙ Weiss Associates Soil Boring
- ⊙ Enviros Soil Boring (31-Jul-97)

0.11/4'  
Benzene/Depth in feet. Concentration in soil in parts per million.

(0.11/4')  
Benzene/Depth in feet. Vapor concentration in soil in ug/cubic meter

ND None Detected



Base Map taken from Emcon Map dated January 5, 1995.

PLATE **2** SITE MAP / BENZENE CONCENTRATION MAP  
 Shell Oil Products Company  
 15275 Washington Avenue  
 San Leandro, California

**enviros**  
 95276.01

Drawn By: DML Date: 7-22-97 Approved By: Date: 8-13-97

**Table 2. Soil Vapor Survey Data: Sorted by Depth**  
**Former Shell Service Station WIC #204-6852-1008, 15275 Washington Avenue, San Leandro, California**

WA Sample ID	Depth below ground surface	Air Toxics LTD Data (ug/m <sup>3</sup> )						InterPhase Data (%)				Comments
		TPH (C <sub>10</sub> as Gas)	MIBE	Benzene	Toluene	Ethylbenzene	m,p,c-Xylene	Carbon Dioxide	Oxygen	Nitrogen	Methane	
SG-02-2ft	2 ft	46,000	73	250	96	250	880	9.2%	11.3%	79.5%	< 0.1%	No flow, sample collected at 2 ft
SG-03-2ft	2 ft	54,000,000	260,000	390,000	190,000	370,000	310,000	15.8%	3.8%	78.9%	1.6%	Good flow, gravel
SG-04-2ft	2 ft	220,000	310	420	150	1,700	3,200	0.7%	19.8%	79.4%	< 0.1%	Pretty good/medium flow
SG-07-2ft	2 ft	62,000,000	330,000	220,000	210,000	230,000	110,000	0.9%	19.7%	79.4%	< 0.1%	Good flow
SG-08-2ft	2 ft	15,000	22	10	38	190	220	0.1%	20.6%	79.3%	< 0.1%	Good flow
<b>Mean:</b>	<b>2 ft</b>	<b>23,256,200</b>	<b>118,081</b>	<b>122,136</b>	<b>80,057</b>	<b>120,428</b>	<b>84,860</b>	<b>5.3%</b>	<b>15.0%</b>	<b>79.3%</b>	<b>0.4%</b>	
SG-01-4ft	4 ft	100,000,000	700,000	750,000	280,000	370,000	1,300,000	19.7%	3.9%	68.6%	7.8%	Good flow, tight soil
SG-03-4ft	4 ft	33,000,000	150,000	230,000	110,000	210,000	330,000	1.6%	18.1%	80.3%	< 0.1%	Somewhat restricted flow
SG-04-4ft	4 ft	350,000	550	1,000	2,300	2,600	4,400	1.4%	19.2%	79.4%	< 0.1%	
SG-05-4ft	4 ft	8,700,000	6,200	20,000	42,000	75,000	130,000	0.5%	20.3%	79.4%	< 0.1%	Very tight
SG-06-4ft	4 ft	66,000	22	8	150	380	790	0.5%	19.9%	79.6%	< 0.1%	Good flow
SG-07-4ft	4 ft	130,000,000	510,000	450,000	420,000	440,000	180,000	13.4%	9.5%	67.9%	9.3%	Good flow, high permeability
SG-08-4ft	4 ft	7,100,000	3,200	15,000	46,000	44,000	62,000	12.6%	4.8%	82.7%	< 0.1%	Good flow
SG-09-4ft	4 ft	540,000	1,600	18,000	610	17,000	15,000	0.9%	20.0%	79.1%	< 0.1%	Pretty good flow
<b>Mean:</b>	<b>4 ft</b>	<b>34,969,500</b>	<b>171,447</b>	<b>185,501</b>	<b>112,633</b>	<b>144,873</b>	<b>252,774</b>	<b>6.3%</b>	<b>14.5%</b>	<b>77.1%</b>	<b>2.2%</b>	
SG-03-6ft	6 ft	5,000,000	16,000	39,000	18,000	71,000	190,000	4.7%	16.4%	78.9%	< 0.1%	Somewhat restricted flow
SG-04-6ft	6 ft	310,000	200	1,000	2,200	4,000	4,800	1.2%	19.5%	79.3%	< 0.1%	Medium flow
SG-04-6ft (dup)	6 ft	NA	NA	NA	NA	NA	NA	1.0%	19.2%	79.8%	< 0.1%	Medium flow
SG-07-6ft	6 ft	3,000,000	17,000	19,000	6,500	20,000	6,600	1.9%	18.7%	78.5%	1.0%	Low flow/very low permeability
SG-07-6ft (dup)	6 ft	3,400,000	19,000	21,000	7,300	22,000	7,500	NA	NA	NA	NA	Low flow/very low permeability
SG-08-6ft	6 ft	20,000,000	8,400	49,000	130,000	140,000	290,000	0.3%	20.0%	79.7%	< 0.1%	Low flow, a little tighter than 2 ft and 4 ft depths
SG-08-6ft (dup)	6 ft	NA	NA	NA	NA	NA	NA	0.2%	20.0%	79.8%	< 0.1%	Low flow, a little tighter than 2 ft and 4 ft depths
<b>Mean:</b>	<b>6 ft</b>	<b>6,342,000</b>	<b>12,120</b>	<b>25,800</b>	<b>32,800</b>	<b>51,400</b>	<b>99,780</b>	<b>1.6%</b>	<b>19.0%</b>	<b>79.3%</b>	<b>0.3%</b>	

Notes: < - Below the method detection limit.  
M - reported value may be biased due to apparent matrix interferences.

**Table 3. Soil Vapor Survey Data: Sorted by Location**  
**Former Shell Service Station WIC #204-6852-1008, 15275 Washington Avenue, San Leandro, California**

WA Sample ID	Depth below ground surface	Air Toxics LTD Data (ug/m <sup>3</sup> )						InterPhase Data (%)				Comments
		IPH (C <sub>1</sub> + as gas)	MTBE	Benzene	Toluene	Ethylbenzene	m,p,o-Xylene	Carbon Dioxide	Oxygen	Nitrogen	Methane	
SG-01-4ft	4 ft	100,000,000	700,000	750,000	280,000	370,000	1,300,000	19.7%	3.9%	68.6%	7.8%	Good flow, tight soil
SG-02-2ft	2 ft	46,000	73	250	96	250	880	9.2%	11.3%	79.5%	< 0.1%	No flow, sample collected at 2 ft
SG-03-2ft	2 ft	54,000,000	260,000	390,000	190,000	370,000	370,000	15.8%	3.8%	78.9%	1.6%	Good flow, gravel
SG-03-4ft	4 ft	33,000,000	150,000	230,000	110,000	210,000	330,000	1.6%	18.1%	80.3%	< 0.1%	Somewhat restricted flow
SG-03-6ft	6 ft	5,000,000	16,000	39,000	18,000	71,000	190,000	4.7%	16.4%	78.9%	< 0.1%	Somewhat restricted flow
SG-04-2ft	2 ft	220,000	310	420	150	1,700	3,200	0.7%	19.8%	79.4%	< 0.1%	Pretty good/medium flow
SG-04-4ft	4 ft	350,000	550	1,000	2,300	2,600	4,400	1.4%	19.2%	79.4%	< 0.1%	
SG-04-6ft	6 ft	310,000	200	1,000	2,200	4,000	4,800	1.2%	19.5%	79.3%	< 0.1%	Medium flow
SG-04-6ft (dup)	6 ft	NA	NA	NA	NA	NA	NA	1.0%	19.2%	79.8%	< 0.1%	Medium flow
SG-05-4ft	4 ft	8,700,000	6,200	20,000	42,000	75,000	130,000	0.3%	20.3%	79.4%	< 0.1%	Very tight
SG-06-4ft	4 ft	66,000	22	8	150	380	790	0.5%	19.9%	79.6%	< 0.1%	Good flow
SG-07-2ft	2 ft	62,000,000	330,000	220,000	210,000	230,000	110,000	0.9%	19.7%	79.4%	< 0.1%	Good flow
SG-07-4ft	4 ft	130,000,000	510,000	450,000	420,000	440,000	180,000	13.4%	9.5%	67.9%	9.3%	Good flow, high permeability
SG-07-6ft	6 ft	3,000,000	17,000	19,000	6,500	20,000	6,500	1.9%	18.7%	78.5%	1.0%	Low flow/very low permeability
SG-07-6ft (dup)	6 ft	3,400,000	19,000	21,000	7,300	22,000	7,500	NA	NA	NA	NA	Low flow/very low permeability
SG-08-2ft	2 ft	15,000	22	10	38	190	220	0.1%	20.6%	79.3%	< 0.1%	Good flow
SG-08-4ft	4 ft	7,100,000	3,200	15,000	46,000	44,000	62,000	12.6%	4.8%	82.7%	< 0.1%	Good flow
SG-08-6ft	6 ft	20,000,000	8,400	49,000	190,000	140,000	290,000	0.3%	20.0%	79.7%	< 0.1%	Low flow, a little tighter than 2 ft and 4 ft dept
SG-08-6ft (dup)	6 ft	NA	NA	NA	NA	NA	NA	0.2%	20.0%	79.8%	< 0.1%	Low flow, a little tighter than 2 ft and 4 ft dept
SG-09-4ft	4 ft	540,000	1,600	18,000	610	17,000	15,000	0.9%	20.0%	79.1%	< 0.1%	Pretty good flow

Notes: < - Below the method detection limit.

M - reported value may be biased due to apparent matrix interferences.

**APPENDIX H**

**TABLE E-2 – RWQCB SHALLOW SOIL GAS  
ENVIRONMENTAL SCREENING LEVELS FOR EVALUATION OF  
POTENTIAL VAPOR INTRUSION CONCERNS**

**Table E-2. Shallow Soil Gas Screening Levels  
for Evaluation of Potential Vapor Intrusion Concerns  
(volatile chemicals only)**

Chemical	Physical State		Residential Exposure			Commercial/Industrial Land Use		
			Lowest Residential	Carcinogenic Effects	Noncarcinogenic Effects	Lowest C/I	Carcinogenic Effects	Noncarcinogenic Effects
			( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )
Acenaphthene	V	S	4.4E+04		4.4E+04	1.2E+05		1.2E+05
Acenaphthylene	V	S	2.2E+04		2.2E+04	6.1E+04		6.1E+04
Acetone	V	L	6.6E+05		6.6E+05	1.8E+06		1.8E+06
Aldrin	NV	S						
Anthracene	V	S	2.2E+05		2.2E+05	6.1E+05		6.1E+05
Antimony	NV	S						
Arsenic	NV	S						
Barium	NV	S						
Benzene	V	L	8.4E+01	8.4E+01	6.3E+03	2.8E+02	2.8E+02	1.8E+04
Benzo(a)anthracene	NV	S						
Benzo(b)fluoranthene	NV	S						
Benzo(k)fluoranthene	NV	S						
Benzo(g,h,i)perylene	NV	S						
Benzo(a)pyrene	NV	S						
Beryllium	NV	S						
1,1-Biphenyl	V	S						
Bis(2-chloroethyl) ether	V	L	7.4E+00	7.4E+00		2.5E+01	2.5E+01	
Bis(2-chloroisopropyl) ether	V	L	3.4E+00	3.4E+00	2.9E+04	1.2E+01	1.2E+01	8.2E+04
Bis(2-ethylhexyl) phthalate	NV	S						
Boron	NV	S						
Bromodichloromethane	V	L	1.4E+02	1.4E+02	1.5E+04	4.6E+02	4.6E+02	4.1E+04
Bromoform (Tribromomethane)	NV	S						
Bromomethane	V	G	1.0E+03		1.0E+03	2.9E+03		2.9E+03
Cadmium	NV	S						
Carbon tetrachloride	V	L	1.9E+01	1.9E+01	8.3E+03	6.3E+01	6.3E+01	2.3E+04
Chlordane	NV	S						
p-Chloroaniline	NV	S						
Chlorobenzene	V	L	2.1E+05		2.1E+05	5.8E+05		5.8E+05
Chloroethane	V	G	2.1E+04		2.1E+04	5.8E+04		5.8E+04
Chloroform	V	L	4.6E+02	4.6E+02	6.3E+04	1.5E+03	1.5E+03	1.8E+05
Chloromethane	V	G	1.9E+04		1.9E+04	5.3E+04		5.3E+04
2-Chlorophenol	V	L	3.7E+03		3.7E+03	1.0E+04		1.0E+04
Chromium (total)	NV	S						
Chromium III	NV	S						
Chromium VI	NV	S						

**Table E-2. Shallow Soil Gas Screening Levels  
for Evaluation of Potential Vapor Intrusion Concerns  
(volatile chemicals only)**

Chemical	Physical State		Residential Exposure			Commercial/Industrial Land Use		
			Lowest Residential	Carcinogenic Effects	Noncarcinogenic Effects	Lowest C/I	Carcinogenic Effects	Noncarcinogenic Effects
			( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )
Chrysene	NV	S						
Cobalt	NV	S						
Copper	NV	S						
Cyanide	NV	S	1.5E+04		1.5E+04	4.1E+04		4.1E+04
Dibenz(a,h)anthracene	NV	S						
Dibromochloromethane	V	S						
1,2-dibromo-3-chloropropane	V	L	1.3E+00	1.3E+00	4.2E+01	4.3E+00	4.3E+00	1.2E+02
1,2-Dibromoethane	V	S	4.1E+00	4.1E+00	1.9E+03	1.4E+01	1.4E+01	5.3E+03
1,2-Dichlorobenzene	V	L	4.2E+04		4.2E+04	1.2E+05		1.2E+05
1,3-Dichlorobenzene	V	L	2.2E+04		2.2E+04	6.1E+04		6.1E+04
1,4-Dichlorobenzene	V	S	2.2E+02	2.2E+02	1.7E+05	7.4E+02	7.4E+02	4.7E+05
3,3-Dichlorobenzidine	NV	S						
Dichlorodiphenyldichloroethane (DDD)	NV	S						
Dichlorodiphenyldichloroethene (DDE)	NV	S						
Dichlorodiphenyltrichloroethane (DDT)	NV	S						
1,1-Dichloroethane	V	L	1.5E+03	1.5E+03	1.0E+05	5.1E+03	5.1E+03	2.9E+05
1,2-Dichloroethane	V	L	9.4E+01	9.4E+01	1.0E+03	3.1E+02	3.1E+02	2.9E+03
1,1-Dichloroethene	V	L	4.2E+04		4.2E+04	1.2E+05		1.2E+05
<i>cis</i> -1,2-Dichloroethene	V	L	7.3E+03		7.3E+03	2.0E+04		2.0E+04
<i>trans</i> -1,2-Dichloroethene	V	L	1.5E+04		1.5E+04	4.1E+04		4.1E+04
2,4-Dichlorophenol	NV	S						
1,2-Dichloropropane	V	L	2.4E+02	2.4E+02	8.3E+02	8.2E+02	8.2E+02	2.3E+03
1,3-Dichloropropene	V	L	1.5E+02	1.5E+02	4.2E+03	5.1E+02	5.1E+02	1.2E+04
Dieldrin	NV	S						
Diethyl phthalate	NV	S						
Dimethyl phthalate	NV	S						
2,4-Dimethylphenol	V	S						
2,4-Dinitrophenol	NV	S						
2,4-Dinitrotoluene	NV	S						
1,4-Dioxane	NV	L						
Dioxin (2,3,7,8-TCDD)	NV	S						
Endosulfan	NV	S						
Endrin	NV	S						
Ethylbenzene	V	L	9.8E+02	9.8E+02	2.1E+05	3.3E+03	3.3E+03	5.8E+05
Fluoranthene	NV	S						

**Table E-2. Shallow Soil Gas Screening Levels  
for Evaluation of Potential Vapor Intrusion Concerns  
(volatile chemicals only)**

Chemical	Physical State		Residential Exposure			Commercial/Industrial Land Use		
			Lowest Residential	Carcinogenic Effects	Noncarcinogenic Effects	Lowest C/I	Carcinogenic Effects	Noncarcinogenic Effects
			( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )
Fluorene	V	S	2.9E+04		2.9E+04	8.2E+04		8.2E+04
Heptachlor	NV	S						
Heptachlor epoxide	NV	S						
Hexachlorobenzene	NV	S						
Hexachlorobutadiene	NV	S						
$\gamma$ -Hexachlorocyclohexane (Lindane)	NV	S						
Hexachloroethane	NV	S						
Indeno(1,2,3-c,d)pyrene	NV	S						
Lead	NV	S						
Mercury (elemental)	V	S	1.9E+01		1.9E+01	5.3E+01		5.3E+01
Methoxychlor	NV	S						
Methylene chloride	V	L	5.2E+03	5.2E+03	8.3E+04	1.7E+04	1.7E+04	2.3E+05
Methyl ethyl ketone	V	L	1.0E+06		1.0E+06	2.9E+06		2.9E+06
Methyl isobutyl ketone	V	L	6.3E+05		6.3E+05	1.8E+06		1.8E+06
Methyl mercury	NV	S						
2-Methylnaphthalene	V	S						
<i>tert</i> -Butyl methyl ether	V	L	9.4E+03	9.4E+03	6.3E+05	3.1E+04	3.1E+04	1.8E+06
Molybdenum	NV	S						
Naphthalene	V	S	7.2E+01	7.2E+01	6.3E+02	2.4E+02	2.4E+02	1.8E+03
Nickel	NV	S						
Pentachlorophenol	NV	S						
Perchlorate	NV	S						
Phenanthrene	V	S	2.2E+04		2.2E+04	6.1E+04		6.1E+04
Phenol	NV	S						
Polychlorinated biphenyls (PCBs)	NV	S						
Pyrene	V	S	2.2E+04		2.2E+04	6.1E+04		6.1E+04
Selenium	NV	S						
Silver	NV	S						
Styrene	V	L	1.9E+05		1.9E+05	5.3E+05		5.3E+05
<i>tert</i> -Butyl alcohol	V	L						
1,1,1,2-Tetrachloroethane	V	L	3.2E+02	3.2E+02		1.1E+03	1.1E+03	
1,1,2,2-Tetrachloroethane	V	L	4.2E+01	4.2E+01	4.4E+04	1.4E+02	1.4E+02	1.2E+05
Tetrachloroethene	V	L	4.1E+02	4.1E+02	8.3E+04	1.4E+03	1.4E+03	2.3E+05
Thallium	NV	S						
Toluene	V	L	6.3E+04		6.3E+04	1.8E+05		1.8E+05



**Table E-2. Shallow Soil Gas Screening Levels  
for Evaluation of Potential Vapor Intrusion Concerns  
(volatile chemicals only)**

Chemical	Physical State		Residential Exposure			Commercial/Industrial Land Use		
			Lowest Residential	Carcinogenic Effects	Noncarcinogenic Effects	Lowest C/I	Carcinogenic Effects	Noncarcinogenic Effects
			( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )
Toxaphene	NV	S						
TPH (gasolines)	V	L	1.0E+04		1.0E+04	2.9E+04		2.9E+04
TPH (middle distillates)	V	L	1.0E+04		1.0E+04	2.9E+04		2.9E+04
TPH (residual fuels)	NV	L/S						
1,2,4-Trichlorobenzene	V	L	8.3E+02		8.3E+02	2.3E+03		2.3E+03
1,1,1-Trichloroethane	V	L	4.6E+05		4.6E+05	1.3E+06		1.3E+06
1,1,2-Trichloroethane	V	L	1.5E+02	1.5E+02	2.9E+03	5.1E+02	5.1E+02	8.2E+03
Trichloroethene	V	L	1.2E+03	1.2E+03	1.3E+05	4.1E+03	4.1E+03	3.5E+05
2,4,5-Trichlorophenol	V	S	7.3E+04		7.3E+04	2.0E+05		2.0E+05
2,4,6-Trichlorophenol	NV	S						
Vanadium	NV	S						
Vinyl chloride	V	G	3.1E+01	3.1E+01	2.1E+04	1.0E+02	1.0E+02	5.8E+04
Xylenes	V	L	2.1E+04		2.1E+04	5.8E+04		5.8E+04
Zinc	NV	S						

**Notes:**

Soil gas screening levels intended to be protective of indoor air quality, calculated for volatile chemicals only.  
 Physical state of chemical at ambient conditions (V - volatile, NV - nonvolatile, S - solid, L - liquid, G - gas).  
 Chemical considered to be volatile if Henry's Law constant ( $\text{atm m}^3/\text{mole}$ )  $>10^{-6}$  and molecular weight  $<200$  (see Table E-1).  
 Dibromochloromethane, dibromochloropropane and pyrene considered volatile for purposes of modeling (USEPA 2004).  
 Target cancer risk =  $1\text{E}-06$ , Target Hazard Quotient = 0.2 for all chemicals.  
 Residential soil gas:indoor air attenuation factor = 0.001 (1/1000). Commercial/industrial soil gas:indoor air attenuation factor = 0.0005 (1/2000).  
 Soil gas screening level for ethanol based on potential indoor air nuisance concerns (refer to Section 5.3.3 and Table H series).  
 soils or limited soil impacts and no groundwater source of VOCs.