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By dehloptoxic at 9:04 am, Jul 06, 2006

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June 30, 2006
Project No. SJ31-8LI-1
SAP No. 135440

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

**Re: Historic Document Review and Additional Over-Excavation Activities
Former Shell-branded Service Station
318 South Livermore Avenue
Livermore, California**

Dear Mr. Wickham,

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared this report detailing the results of a historic document review and continued over-excavation activities at the above-referenced site. Over-excavation activities were conducted in order to remove lead impacted soil in shallow site soils at concentrations above the Alameda County Health Care Services Agency (ACHCSA) approved cleanup goal.

BACKGROUND

The following sections present a brief description of the former service station and a brief summary of previous site soil investigations.

Site Description

The site is located on the eastern corner of South Livermore Avenue and Third Street in Livermore, California (Figure 1). The site was formerly the location of a Shell-branded service station. The former service station consisted of a building containing vehicle service bays and a small convenience store, five fuel dispensers, three 12,000-gallon fuel underground storage tanks (USTs), and one 550-gallon waste oil UST. The former station plan is presented on Figure 2.

A member of:



Previous Lead Impacted Soil Excavations and Investigation

During fuel system removal activities in December 2003, total lead was detected at a concentration of 380 milligrams per kilogram (mg/kg) in soil beneath the eastern fuel dispenser at a depth of 2.5 feet below grade (bg).

On May 4, 2005, Delta directed the excavation of soil in the area beneath the former eastern fuel dispenser (P1) island (Figure 2). Approximately 100 cubic yards of soil was removed during initial excavation activities. Two of the confirmation soil samples collected during the initial over-excavation activities resulted in total lead detections that were above the ACHCSA approved cleanup goal of 150 mg/kg.

On May 18, 2005, Delta directed the excavation of an additional 75 cubic yards of lead impacted soil (Figure 2). Three of the confirmation soil samples collected during the additional over-excavation activities contained lead above the ACHCSA approved cleanup goal. Lead impacts appeared to be limited to depths between 2 and 4 feet bg within a dark brown soil unit. The presence of concrete debris below grade indicated that this portion of the site was underlain by fill materials to a depth of approximately 5 feet bg. Shell concluded that the lead impacts appeared to be associated with the fill material.

On June 7, 2005, Delta directed the excavation of six (PH-1 through PH-6) investigative excavations ("potholes") in order to laterally define the extent of lead impacted soils and fill materials (Figure 2). Concrete debris was observed in two potholes, and one sample (PH-4) resulted in a total lead detection that was above the ACHCSA approved cleanup goal. Shell recommended over-excavation of approximately an additional 250 cubic yards at the site in order to address the remaining lead impacted soils. Shell also recommended excavating additional on-site "potholes" for lateral delineation (Figure 2).

On August 8, 2005, Delta directed the excavation and sampling of an additional eight "potholes" (PH-7 through PH-14). Concrete debris was observed in two locations. All lead detections were well below the ACHCSA approved cleanup goal.

On August 9, 2005, Delta directed the excavation of soil along the northeast and northwest previous (May 18, 2005) excavation walls extending past PH-4 in order to remove elevated lead concentrations remaining in soil (Figure 2). Lead was detected in all eleven samples collected. Only two samples resulted in total lead detections above the ACHCSA approved cleanup goal. Approximately 280 cubic yards of soil were excavated.

On October 24, 2005, Delta directed the over-excavation of soil along the northern corner and southwest sidewall of the August 9, 2005 excavation in order to remove elevated lead concentrations remaining in soil from the previous excavation (Figure 2). During excavation activities, an elevated photoionization detector (PID) reading (530 parts per million by volume) was detected in soil from the location of Sample SS-19. Additional soil was subsequently over-excavated southeast of Sample SS-19, and confirmation Sample SS-21 was collected from the extended sidewall. Lead was detected in all eleven soil samples collected. Two samples resulted in total lead concentrations above the ACHCSA approved cleanup goal. Approximately 145 cubic yards of soil were excavated.

Based on the apparent sporadic lead concentrations in soil, and the numerous phases of over-excavation activities, Delta recommended researching site-use history prior to proceeding with any further over-excavation activities aimed at remediating lead impacted soils at the site.

HISTORICAL DOCUMENT REVIEW

In order to evaluate potential sources of lead in site soil, Delta reviewed a summary of environmental records, city directories, topographic maps, Sanborn fire insurance maps, and aerial photos provided by Environmental Data Resources, Inc. (EDR). Historically the site area has been a mixture of commercial and residential properties. A copy of the documents provided by EDR is included as Attachment A.

Historic Timeline

- Prior to development the site was a vacant lot according to Sanborn fire insurance maps from 1884 and 1888.
- The site appears to have been first developed into residential property between 1888 and 1893 (Sanborn fire insurance map from 1893).
- Similar buildings remained at the site between 1907 to at least 1959 (Sanborn fire insurance maps between 1907 and 1959 and aerial photos from 1940 to 1958).
- South Livermore Street was formerly known as "Lizzie Street." The street name change took place between 1917 and 1929 (Sanborn Fire Insurances Maps from 1917 and 1929).
- Former street addresses within the vicinity of the current site were 306, 322, 342, and 358 South Livermore Ave. (Sanborn Fire Insurance Maps between 1929 and 1959). Three of these addresses were included in the EDR City Directory abstract (Pacific Telephone) as personal names: "Logsdon Kenneth A (306)," "Harp Myrtle E (342)," and "Dolan Paul E Dr (358)."
- Tanks were first installed at the site in 1965 according to the map findings in the EDR Radius Map with Geotcheck® report. Structures that resemble a service station first appear in the aerial photo dated 1965.
- The EDR City Directory abstract (1920-2002) provided by EDR did not have any listings for the address "318" until 1965 where it was listed as "Williams Ira Shell Service" from a R.L. Polk & Co. listing.
- In 1979, Pacific Telephone had the site listed as "Andrews Earl Shell Service" and "Avis Rent A Car Worldwide Reservations & Information" (EDR City Directory Abstract).
- In 1984, Pacific Bell had the site listed as "Frank S. Livermore Shell" and in 1986 as "Livermore Auto & Tire" and "Shell Livermore Avenue" (EDR City Directory Abstract).
- In 2002, Pacific Bell listings had the site listed as "Livermray Shell" (EDR City Directory Abstract).
- Leaded gasoline appears to have been present at the site between 1965 and 1989 according to the environmental summary provided by EDR.
- Former site USTs (including the regular leaded UST) were removed and replaced in 1989.
- Based on a review of aerial photos provided by EDR from 1965 to 1998, the station's former canopy, UST complex, and building (including service bays and small convenience store) remained in essentially the same configuration until demolition in 2005.

Conclusions

Prior to the site's development into a gas station in 1965, it appears the only previous use of the site was for residential purposes. Based upon this data, Shell concludes the lead impacts to site soils are a result of the service station's operations between 1965 and 1989. Delta has prepared a lead concentrations in soil map (Figure 3) which illustrates the location of those soil samples collected by Delta that have contained lead above the clean-up goal of 150 mg/kg. An iso-concentration contour for 150 mg/kg on the map shows that the impacted soils are concentrated in a north-south trending zone stretching across the former eastern dispenser island and in front of the former eastern dispenser island and in front of the former service bays towards the former waste-oil UST. The 150 mg/kg contour indicates continued over-excavation activities towards the northern corner of the site, and south of the former fuel dispensers may allow the remediation of impacted soils beneath the site to be successfully completed.

Delta discussed this data with Mr. Jerry Wickham in a telephone conversation on February 17, 2006, and the ACHSA approved an additional phase of over-excavation on-site in areas towards the north and the south (Figure 3).

FINAL LEAD IMPACTED SOIL EXCAVATION

On February 23, 2006, Delta directed the excavation of approximately an additional 125 cubic yards of soil to remove the remaining lead impacts. The limits of the February 23, 2006 excavation are presented on Figure 2. Delta collected ten confirmation soil samples (SS-23@5' through SS-32@2') from the bottom and sidewalls of the excavation at depths ranging from 2 to 5 feet. Sidewall samples were collected from within an observed dark brown soil layer. Soil samples from the bottom of the over-excavated areas, at a total depth of 5 feet, were collected by pushing a brass tube into soil that was brought to the surface within the excavator bucket. All other soil samples were collected by pushing a brass tube into sidewall soils. The brass tubes were sealed with Teflon sheeting and a tight fitting plastic end caps, and clearly labeled. Samples were placed on ice for transportation to a certified testing laboratory for analysis. Soil samples were analyzed at Sequoia Analytical in Morgan Hill, California for total lead by EPA Method 6010B.

Lead was detected in only three out of the ten soil samples at concentrations ranging from 17 to 83 mg/kg. Soil analytical results are summarized in Table 1. Chain of custody documentation and the certified laboratory analytical report is included as Attachment B.

SOIL STOCKPILE

On February 23, 2006, Delta collected a soil composite sample (Soil A,B,C,D) from the soil stockpile generated during the final over-excavation activities. The composite sample consisted of four, randomly collected, 6-inch brass tubes of soil. Samples were collected by removing the upper one-foot of soil on the surface of the stockpile and then pushing a brass tube into the underlying soil. The brass tube was then removed, sealed with Teflon sheeting and tight fitting plastic end caps, and clearly labeled. Samples were placed on ice for transportation to a certified testing laboratory for analysis.

Sample (Soil A,B,C,D) was composited and analyzed for TPH-G and BTEX compounds by EPA Method 8260B, and for total lead by EPA Method 6010B. Chain of custody documentation and the certified laboratory analytical report is included in Attachment B. All analytes were below the laboratory limits reporting limits.

Approximately 125 cubic yards of stockpiled soil was transported to Forward Landfill located in Manteca, California for disposal on March 13, 2006. Non-hazardous waste manifests are included as Attachment C.

SUMMARY AND CONCLUSIONS


- Total lead concentrations in all ten final confirmatory soil samples collected during the February 23, 2006 over-excavation activities were below the ACHCSA approved cleanup goal of 150 mg/kg for total lead.
- All soil with lead detections above the ACHCSA approved cleanup goal has now been successfully over-excavated from the site.
- A total of approximately 725 cubic yards of lead impacted soil was removed from the site during five separate over-excavation events between May 2005 and February 2006.
- Shell does not recommend any further remediation activities on-site.


REMARKS

The information contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report 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 report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. 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 report.

Please call if you have any questions regarding the contents of this report.

Sincerely,
Delta Environmental Consultants, Inc.


Heather Buckingham
Senior Staff Geologist


Debbie Arnold
Project Geologist
PG 7745



Attachments:

Table 1 – Summary of Soil Analytical Data (Pothole and Over-Excavation Samples)

Figure 1 – Site Location Map

Figure 2 – Over-Excavation and Soil Sample Location Map

Figure 3 – Lead Iso-concentration in Soil Map (mg/kg) at Depths from 1.9' to 3.5' bg

Attachment A – EDR Report

Attachment B - Laboratory Certified Analytical Results and Chain-of-Custody
Documentation

Attachment C – Non-hazardous Waste Manifests

cc: Denis Brown, Shell Oil Products US, Carson
Betty Graham, RWQCB, Oakland
Chris Davidson, Redevelopment Agency, City of Livermore, Livermore
Paul Smith, Livermore-Pleasanton Fire Department, Pleasanton

Table 1
Summary of Soil Analytical Data
(Pothole and Over-Excavation Samples)

Former Shell Service Station
318 South Livermore Avenue, Livermore, California

Sample Designation	Date Sampled	Depth (feet)	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	EDB (ug/kg)	1,2-DCA (mg/kg)	Lead (mg/kg)
Over-Excavation Confirmation Samples											
S-1 @ 5 FEET	5/4/2005	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	3.4
S-2 @ 5 FEET	5/4/2005	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	3.4
S-3 @ 5 FEET	5/4/2005	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	11
S-4 @ 5 FEET	5/4/2005	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	8
S-5 @ 10'	5/4/2005	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	4.4
S-6 @ 10'	5/4/2005	10	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	3.2
S-7 @ 3.5'	5/4/2005	3.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	560
S-8 @ 3.25'	5/4/2005	3.25	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	390
S-9 @ 3.0'	5/4/2005	3	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	84
S-10 @ 3.5'	5/4/2005	3.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	6.5
S-11 @ 2.5'	5/4/2005	2.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	76
S-12 @ 2.5'	5/4/2005	2.5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	140
S-13 @ 6 ft	5/18/2005	6	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	3.23
S-14 @ 2.8 ft	5/18/2005	2.8	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	474
S-15 @ 1.9 ft	5/18/2005	1.9	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	313
S-16 @ 3 ft	5/18/2005	3	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	49.9
S-17 @ 1.9 ft	5/18/2005	1.9	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	202
S-18 @ 5 ft	5/18/2005	5	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	5.02
SS-1 @ 2.5'	8/9/2005	2.5	NA	NA	NA	NA	NA	NA	NA	NA	4.3
SS-2 @ 3'	8/9/2005	3	NA	NA	NA	NA	NA	NA	NA	NA	5.1
SS-3 @ 2.5'	8/9/2005	2.5	NA	NA	NA	NA	NA	NA	NA	NA	480
SS-4 @ 2.5'	8/9/2005	2.5	NA	NA	NA	NA	NA	NA	NA	NA	340
SS-5 @ 2.5'	8/9/2005	2.5	NA	NA	NA	NA	NA	NA	NA	NA	76
SS-6 @ 3'	8/9/2005	3	NA	NA	NA	NA	NA	NA	NA	NA	49
SS-7 @ 3'	8/9/2005	3	NA	NA	NA	NA	NA	NA	NA	NA	89
SS-8 @ 6'	8/9/2005	6	NA	NA	NA	NA	NA	NA	NA	NA	3.7
SS-9 @ 6'	8/9/2005	6	NA	NA	NA	NA	NA	NA	NA	NA	3.6
SS-10 @ 6'	8/9/2005	6	NA	NA	NA	NA	NA	NA	NA	NA	4.2
SS-11 @ 6'	8/9/2005	6	NA	NA	NA	NA	NA	NA	NA	NA	3.7
SS-12 @ 1.8FT	10/24/2005	1.8	NA	NA	NA	NA	NA	NA	NA	NA	14
SS-13 @ 2.0FT	10/24/2005	2	NA	NA	NA	NA	NA	NA	NA	NA	480
SS-14 @ 2.0FT	10/24/2005	2	NA	NA	NA	NA	NA	NA	NA	NA	27

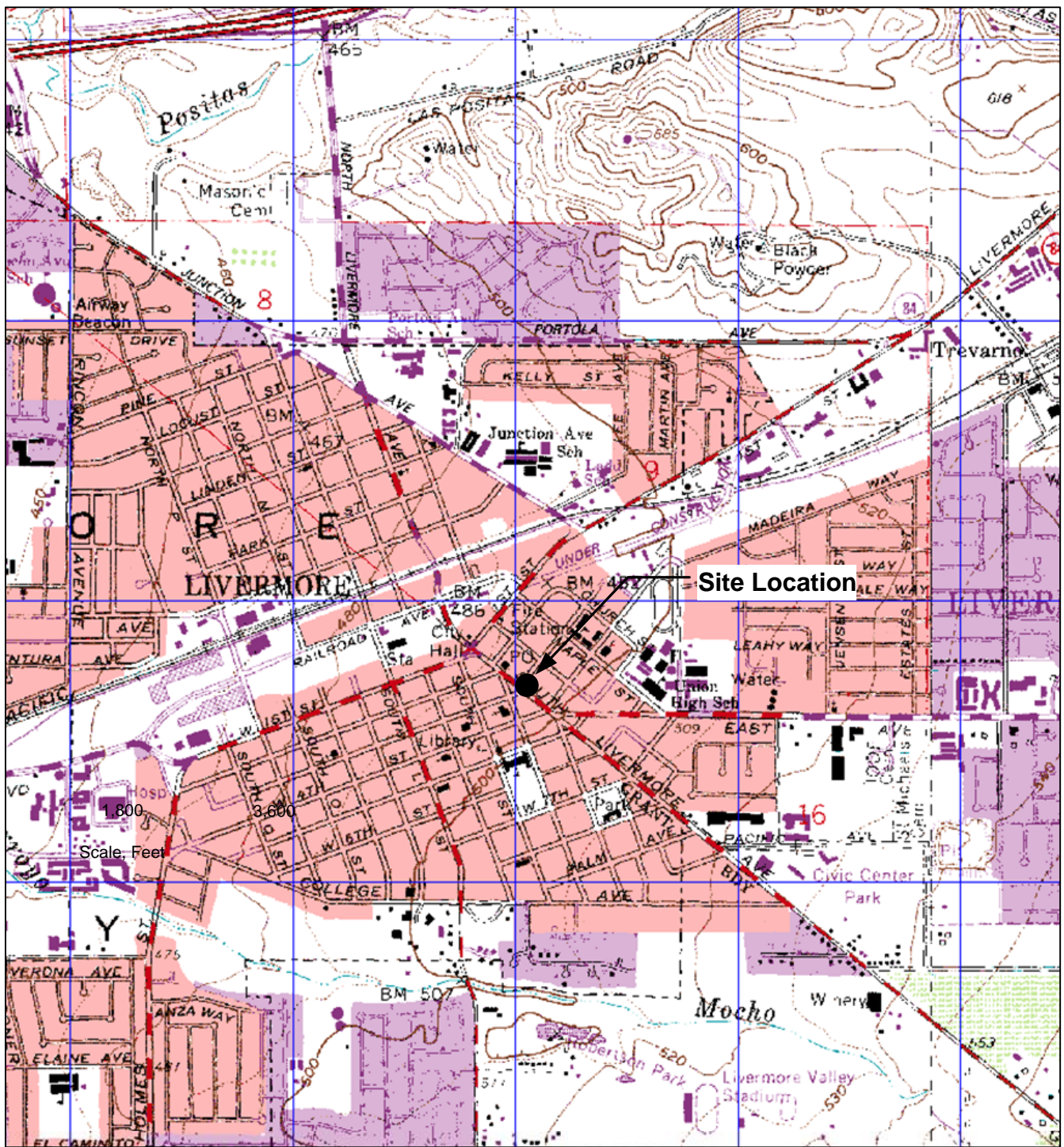
Table 1
Summary of Soil Analytical Data
(Pothole and Over-Excavation Samples)

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318 South Livermore Avenue, Livermore, California

Sample Designation	Date Sampled	Depth (feet)	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylene (mg/kg)	MTBE (mg/kg)	EDB (ug/kg)	1,2-DCA (mg/kg)	Lead (mg/kg)
Over-Excavation Confirmation Samples (Continued)											
SS-15@2.0FT	10/24/2005	2	NA	NA	NA	NA	NA	NA	NA	NA	110
SS-16@5.5FT	10/24/2005	5.5	NA	NA	NA	NA	NA	NA	NA	NA	6.6
SS-17@5.5FT	10/24/2005	5.5	NA	NA	NA	NA	NA	NA	NA	NA	3.7
SS-18@5.5FT	10/24/2005	5.5	NA	NA	NA	NA	NA	NA	NA	NA	3.7
SS-19@2.1FT	10/24/2005	2.1	2,000	<0.5	<0.5	3.1	24	<0.5	<500	<0.5	150
SS-20@1.9FT	10/24/2005	1.9	NA	NA	NA	NA	NA	NA	NA	NA	7.8
SS-21@2.1FT	10/24/2005	2.1	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.005	170
SS-22@2.0FT	10/24/2005	2	NA	NA	NA	NA	NA	NA	NA	NA	7.2
SS-23@5'	2/23/2006	5	NA	NA	NA	NA	NA	NA	NA	NA	<10
SS-24@5'	2/23/2006	5	NA	NA	NA	NA	NA	NA	NA	NA	<10
SS-25@5'	2/23/2006	5	NA	NA	NA	NA	NA	NA	NA	NA	<10
SS-26@2'	2/23/2006	2	NA	NA	NA	NA	NA	NA	NA	NA	<10
SS-27@2'	2/23/2006	2	NA	NA	NA	NA	NA	NA	NA	NA	17
SS-28@2'	2/23/2006	2	NA	NA	NA	NA	NA	NA	NA	NA	28
SS-29@2'	2/23/2006	2	NA	NA	NA	NA	NA	NA	NA	NA	<10
SS-30@5'	2/23/2006	5	NA	NA	NA	NA	NA	NA	NA	NA	<10
SS-31@2'	2/23/2006	2	NA	NA	NA	NA	NA	NA	NA	NA	83
SS-32@2'	2/23/2006	2	NA	NA	NA	NA	NA	NA	NA	NA	71
Pothole Soil Samples											
PH-1@2.5'	6/7/2005	2.5	NA	NA	NA	NA	NA	NA	NA	NA	12.3
PH-2@3'	6/7/2005	3	NA	NA	NA	NA	NA	NA	NA	NA	4.62
PH-3@2.5'	6/7/2005	2.5	NA	NA	NA	NA	NA	NA	NA	NA	4.97
PH-4@3'	6/7/2005	3	NA	NA	NA	NA	NA	NA	NA	NA	1,040
PH-5@2'	6/7/2005	2	NA	NA	NA	NA	NA	NA	NA	NA	5.09
PH-6@5'	6/7/2005	5	NA	NA	NA	NA	NA	NA	NA	NA	5.21
PH-7@3.0'	8/8/2005	3	NA	NA	NA	NA	NA	NA	NA	NA	3.62
PH-7@5.0'	8/8/2005	5	NA	NA	NA	NA	NA	NA	NA	NA	2.79
PH-7@7.0'	8/8/2005	7	NA	NA	NA	NA	NA	NA	NA	NA	13.3
PH-8@3.0'	8/8/2005	3	NA	NA	NA	NA	NA	NA	NA	NA	4.68
PH-9@3.0'	8/8/2005	3	NA	NA	NA	NA	NA	NA	NA	NA	8.87
PH-10@2.5'	8/8/2005	2.5	NA	NA	NA	NA	NA	NA	NA	NA	5.72
PH-11@2.5'	8/8/2005	2.5	NA	NA	NA	NA	NA	NA	NA	NA	4.89

Table 1
Summary of Soil Analytical Data
(Pothole and Over-Excavation Samples)
Former Shell Service Station
318 South Livermore Avenue, Livermore, California

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Pothole Soil Samples (Continued)											
PH-12@3.0'	8/8/2005	3	NA	NA	NA	NA	NA	NA	NA	NA	3.7
PH-13@3.0'	8/8/2005	3	NA	NA	NA	NA	NA	NA	NA	NA	3.06
PH-14@5.0'	8/8/2005	5	NA	NA	NA	NA	NA	NA	NA	NA	7.73
PH-14B@2.5'	8/9/2005	2.5	NA	NA	NA	NA	NA	NA	NA	NA	5
Notes: mg/kg = milligrams per kilogram ug/kg = micrograms per kilogram TPH-G = Total petroleum hydrocarbons as gasoline MTBE = Methyl tert-butyl ether NA = not analyzed EDB = Ethylene Dibromide 1,2-DCA = 1,2-Dichloroethane sample over-excavated											



GENERAL NOTES:
Base Map from: DeLorme Yarmouth, ME 04096
Source Data: USGS

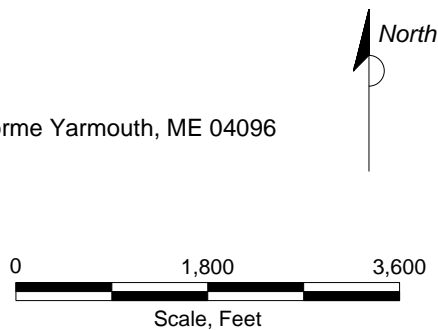


FIGURE 1
SITE LOCATION MAP

FORMER SHELL-BRANDED SERVICE STATION
318 South Livermore Avenue
Livermore, CA

PROJECT NO. SJ31-8LI-1.2005	DRAWN BY VF 9/25/03
FILE NO. SJ31-8LI-1.2005	PREPARED BY VF
REVISION NO. 2	REVIEWED BY





LEGEND

- SS-25 ◆ **SOIL SAMPLE LOCATION AND DESIGNATION (2-23-06)**
- AREA OF ADDITIONAL EXCAVATION (2-23-06)
- ◆ **OVER-EXCAVATED SIDEWALL SOIL SAMPLE LOCATION (LEAD CONCENTRATION > 150 PPM)**
- ◆ **SIDEWALL SOIL SAMPLE LOCATION (LEAD CONCENTRATION < 150 PPM)**
- MW-6 ● **GROUNDWATER MONITORING WELL**
- PH-6 □ **POTHOLE LOCATION AND DESIGNATION**
- EXCAVATION AREA (5-4-05)
- EXCAVATION AREA (5-18-05)
- EXCAVATION AREA (8-9-05)
- EXCAVATION AREA (10-24-05)

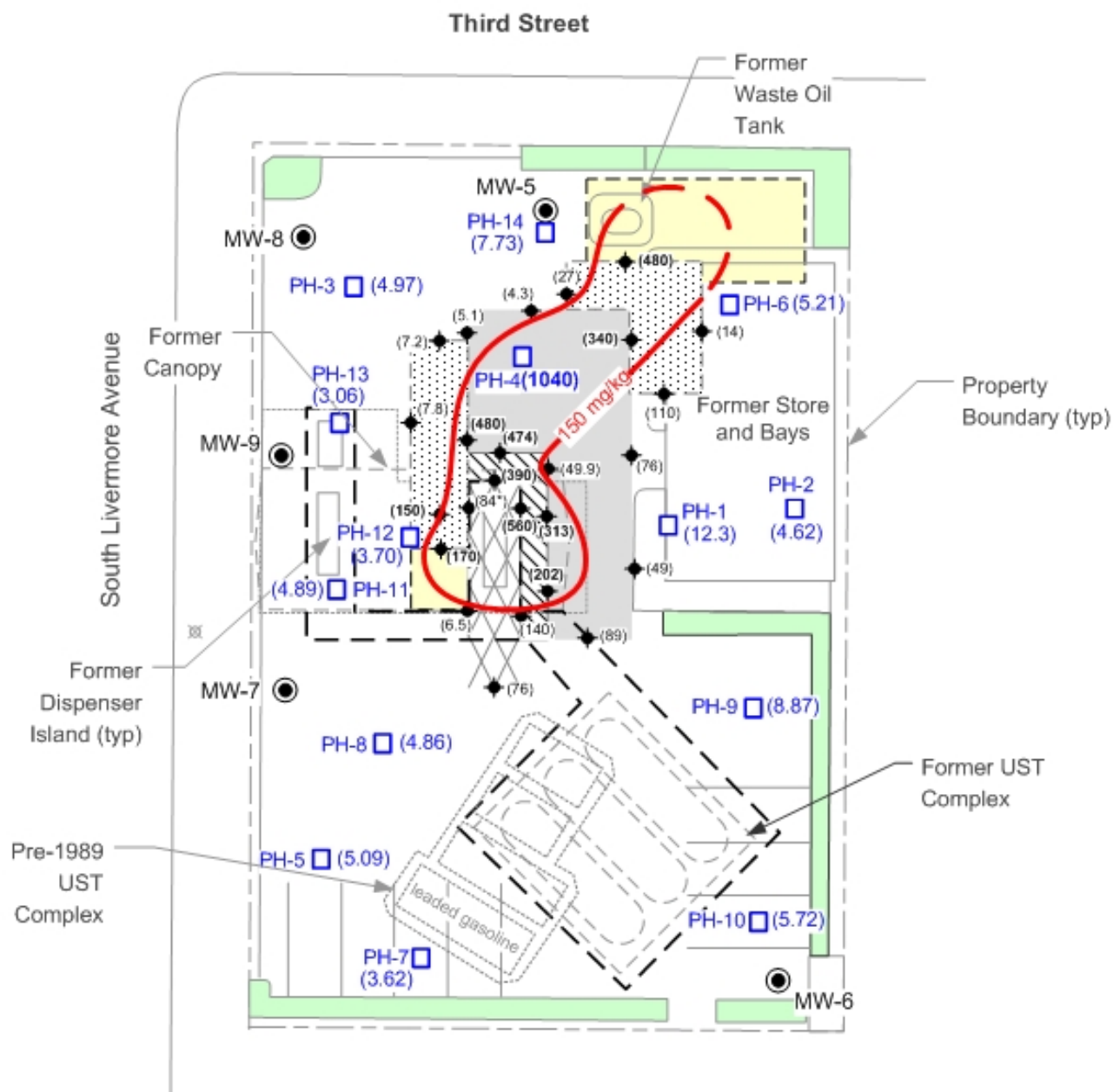


FIGURE 2

OVER-EXCAVATION AND SOIL SAMPLE LOCATION MAP
FORMER SHELL-BRANDED SERVICE STATION
 318 South Livermore Avenue
 Livermore, California

PROJECT NO. SJ31-8LI-1.2006	DRAWN BY JL 03/09/06
FILE NO. SJ31-8LI-2006	PREPARED BY JL
REVISION NO. 1	REVIEWED BY





LEGEND

- (89) ◆ **SIDEWALL SOIL SAMPLE LOCATION AND LEAD CONCENTRATION (PPM)**
- 150 mg/kg — **LEAD CONCENTRATION CONTOUR**
- * **LEAD CONCENTRATION BELOW THE ACHCSA CLEANUP GOAL**
- AREA OF ADDITIONAL EXCAVATION (2-23-06)**
- MW-6 ● **GROUNDWATER MONITORING WELL**
- PH-6 □ **POTHOLE LOCATION AND DESIGNATION**
- (35) **LEAD CONCENTRATION (PPM)**
- EXCAVATION AREA (5-4-05)**
- EXCAVATION AREA (5-18-05)**
- EXCAVATION AREA (8-9-05)**
- EXCAVATION AREA (10-24-05)**



APPROX. SCALE

FIGURE 3
LEAD ISO-CONCENTRATION IN SOIL MAP (MG/KG)
AT DEPTHS FROM 1.9' TO 3.5' BG
FORMER SHELL-BRANDED SERVICE STATION
318 South Livernore Avenue
Livermore, California

PROJECT NO. SJ31-8LI-1.2006	DRAWN BY JL 01/17/06
FILE NO. SJ31-8LI-2006	PREPARED BY JL
REVISION NO. 1	REVIEWED BY



Attachment A

EDR REPORT

(INCLUDING):

**SANBORN[®] MAP REPORT, THE EDR AERIAL PHOTO DECADE PACKAGE, EDR
HISTORICAL TOPOGRAPHIC MAP REPORT, THE EDR CITY DIRECTORY *ABSTRACT*, AND
THE EDR RADIUS MAP WITH GEOCHECK[®],**



Sanborn® Map Report

Ship to: Debbie Arnold

Delta Env. Consultants, Inc.

175 Bernal Road

San Jose, CA 95119

Order Date: 12/28/2005 **Completion Date:** 12/29/2005

Inquiry #: 1583180.3s

P.O. #: NA

Site Name: Former Shell Service Station

Address: 318 S. Livermore Avenue

City/State: Livermore, CA 94550

Customer Project: SJ31-8LI-1

9030042MOR

408-224-4724

Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

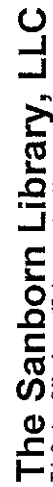
1884 - 1 - map
1888 - 1 - map
1893 - 2 - maps
1907 - 1 - map
1917 - 1 - map
1929 - 1 - map
1944 - 1 - map
1959 - 1 - map

Total Maps: 9

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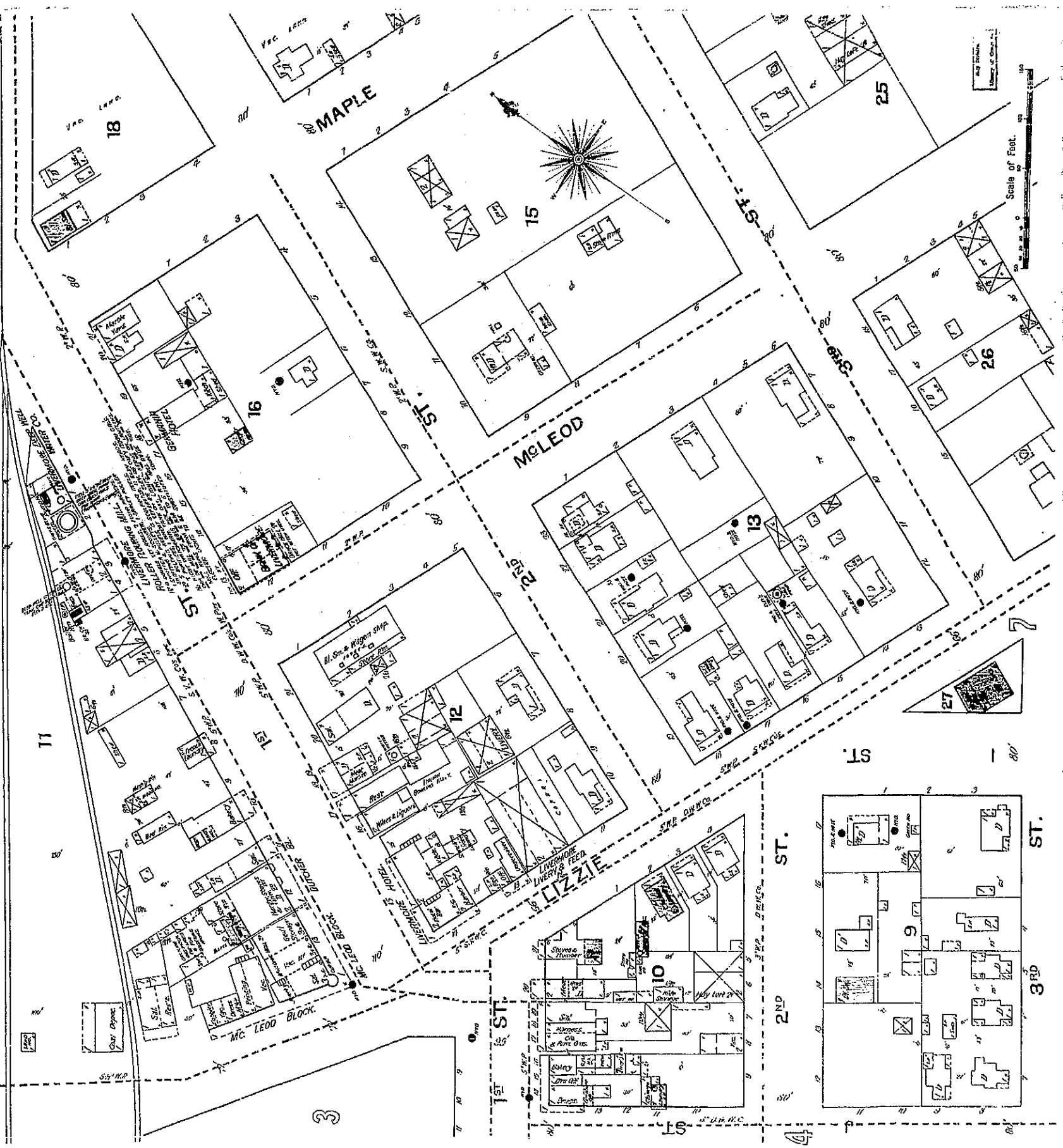
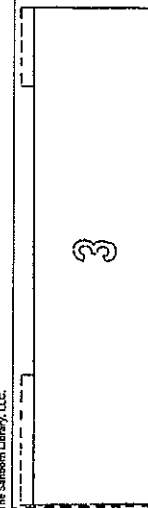
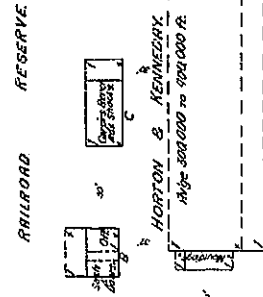
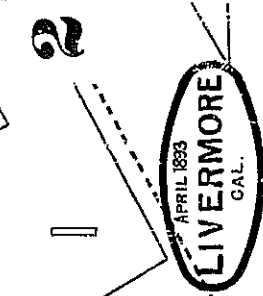
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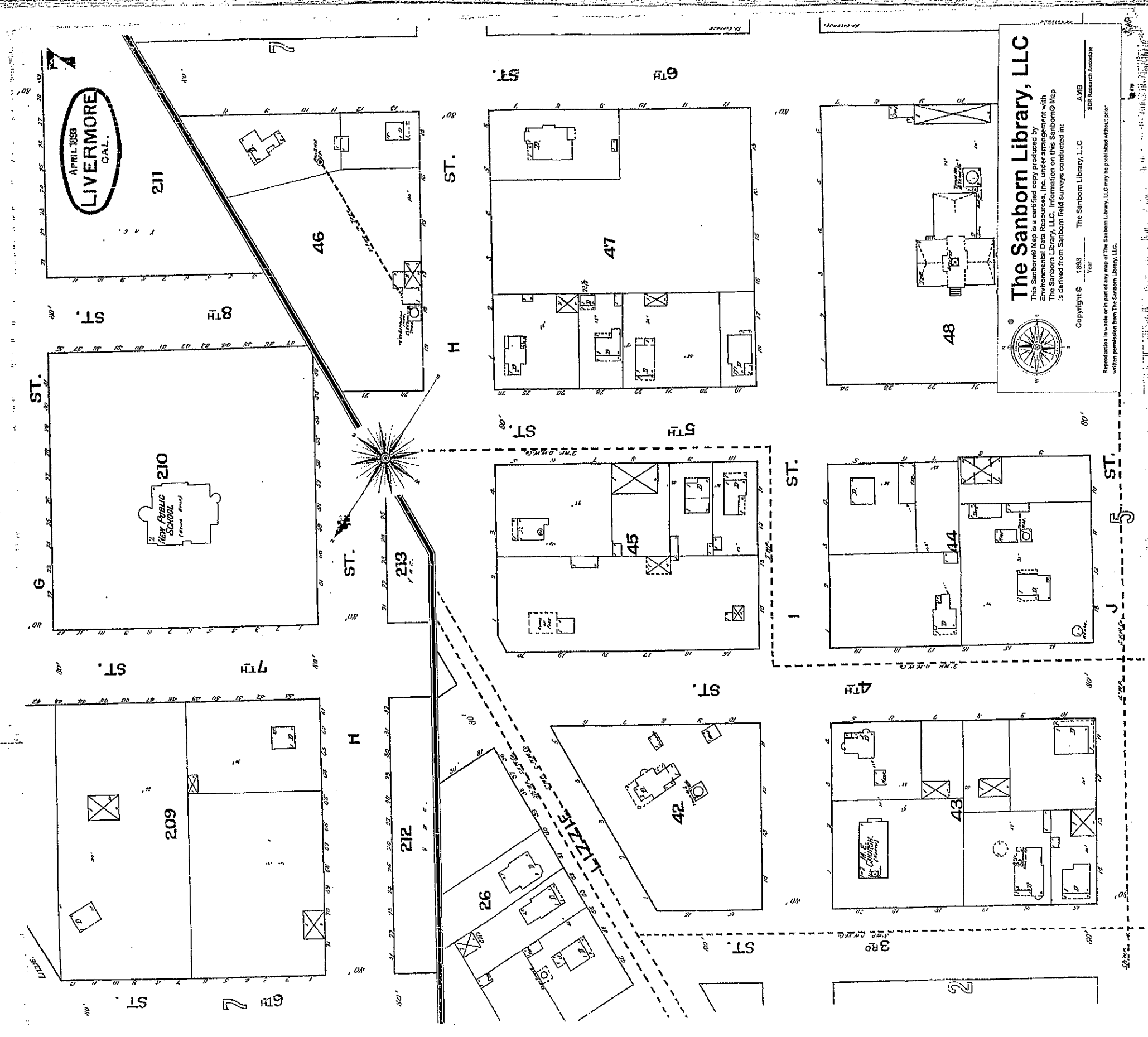
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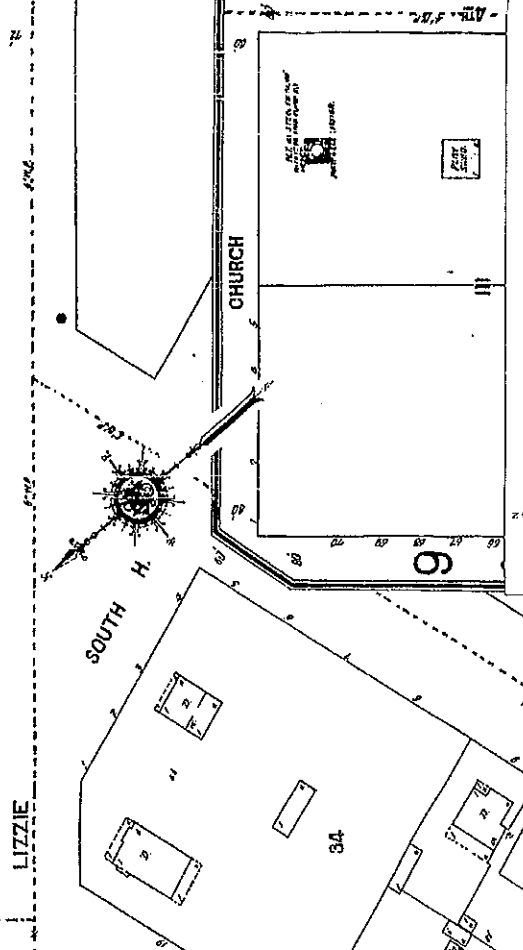
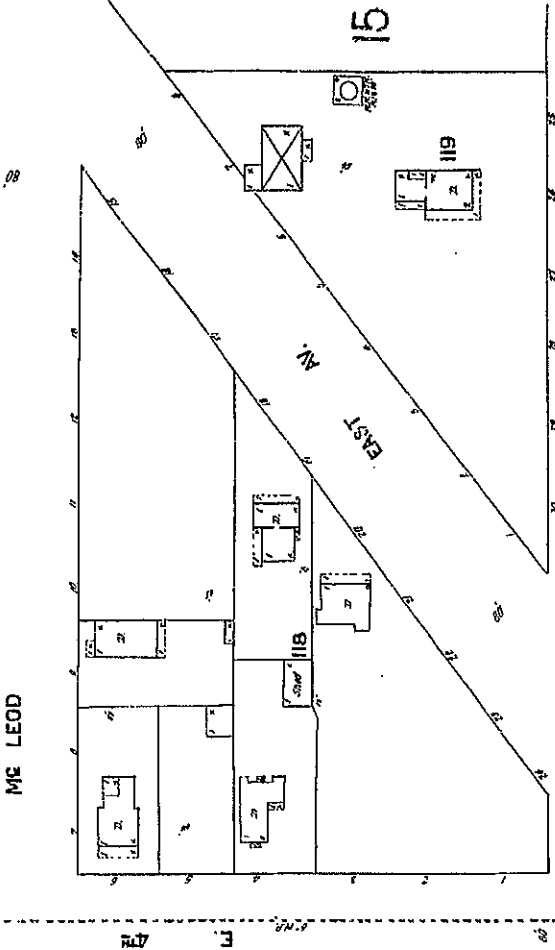
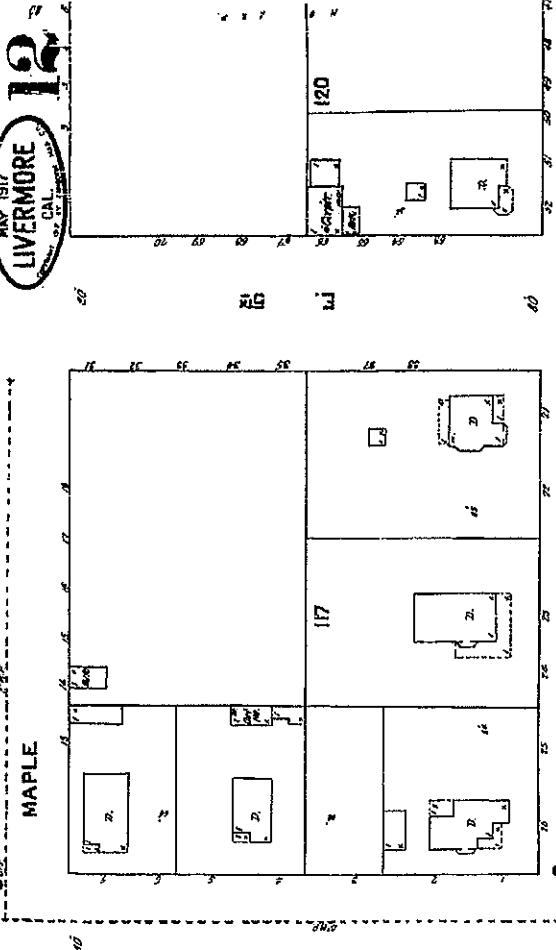
Scale of Feet.



APRIL 1898
LIVERMORE
CAL.

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MAY 1917
LIVERMORE
CAL.

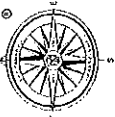


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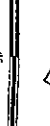
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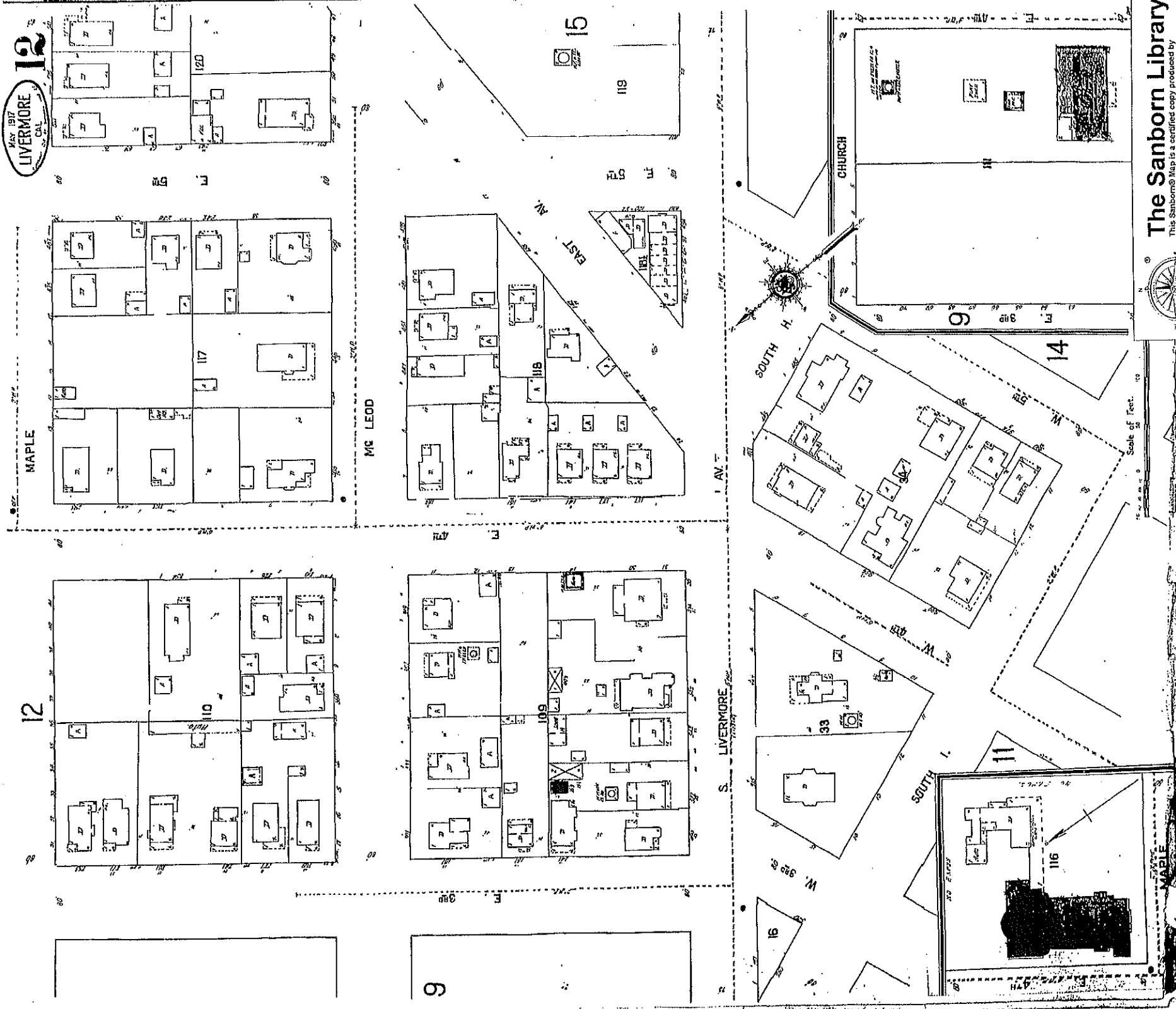
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Scale of Feet.



MAPLE 12

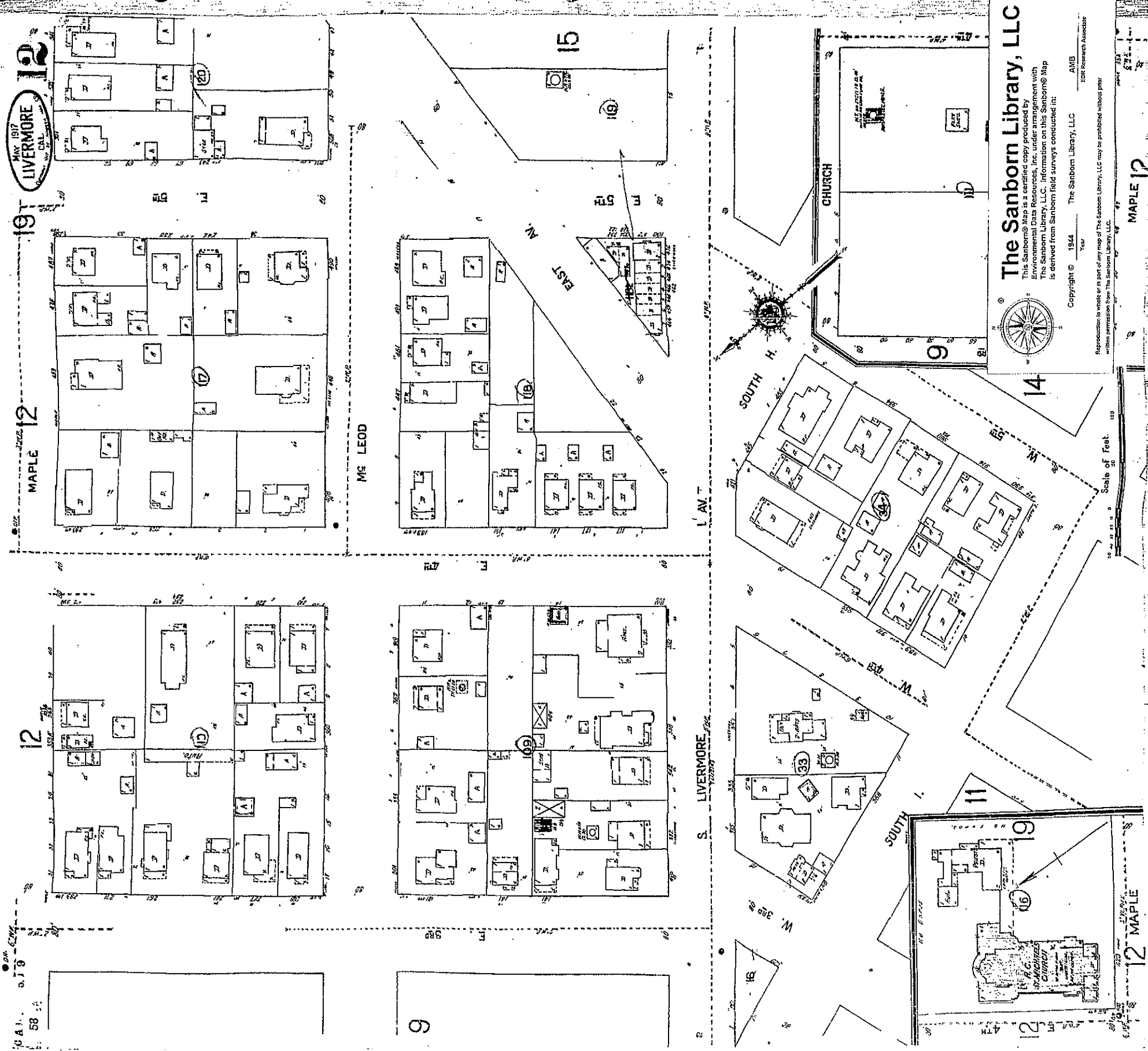


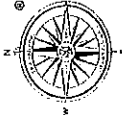
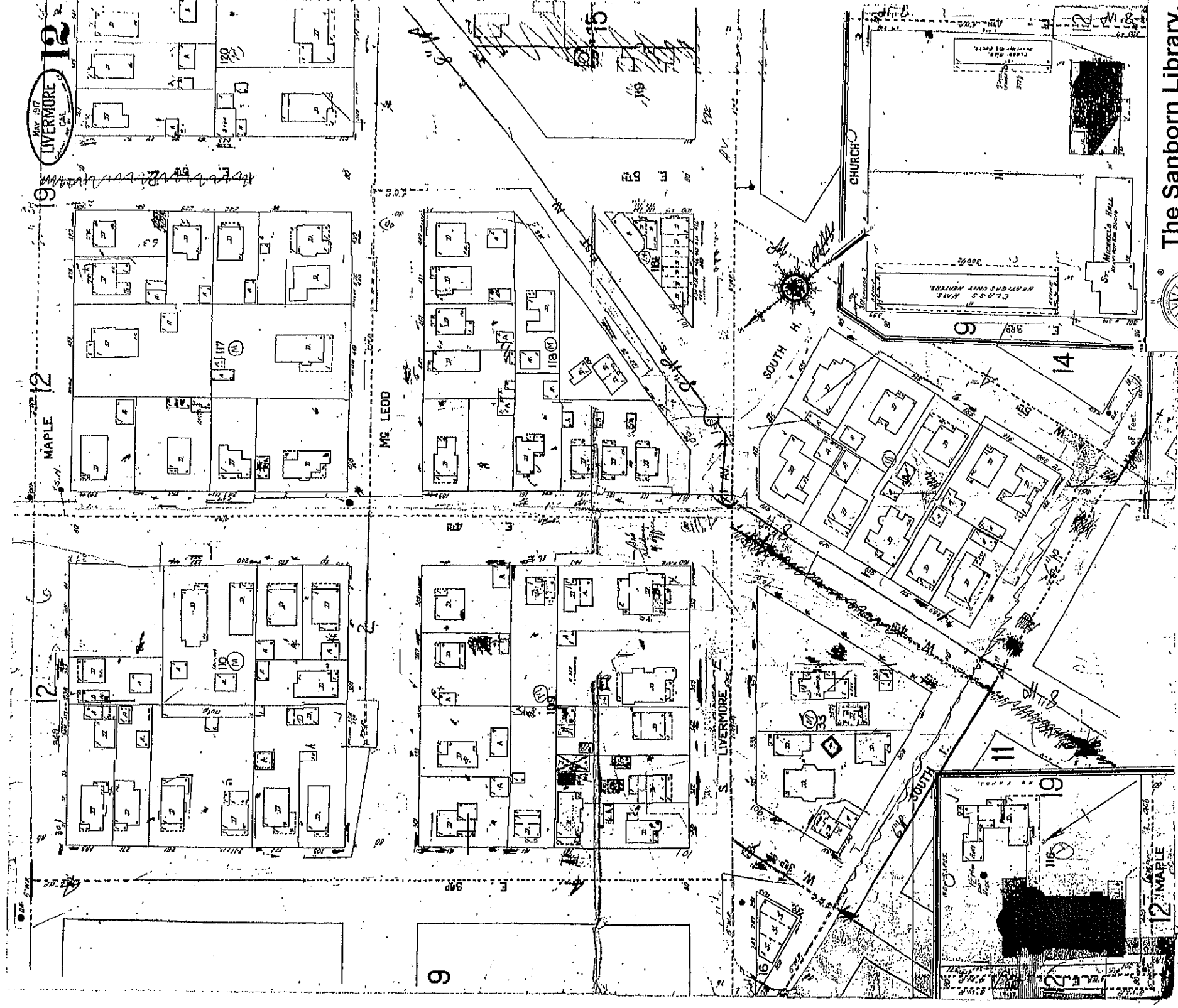
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The EDR Aerial Photo Decade Package

**Former Shell Service Station
318 S. Livermore Avenue
Livermore, CA 94550**

Inquiry Number: 1583180.6

January 03, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

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

THE EDR AERIAL PHOTO DECADE PACKAGE

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs at one photo per decade.

References

EPAs Standards and Practices for All Appropriate Inquiries (AAI), section 312.24, identifies the historical sources of information necessary to achieve the objectives and performance factors of section 312.20. According to AAI, *"historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."*

To meet the prior use requirements of ASTM E 1527-05, Section 8.3.2, the following standard *historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-05, Section 8.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. ASTM E 1527-05 requires *"All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary and both reasonably ascertainable and likely to be useful."* (ASTM E 1527-05, Section 8.3.2) *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable.*

Data Gaps

In order to address *data gaps*, additional sources of information may be consulted. According to the AAI, Section 312.20 (g), *"to the extent there are data gaps (as defined in section 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps."* According to ASTM E 1527-05, Section 8.3.2.3, *"historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met....If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion."*

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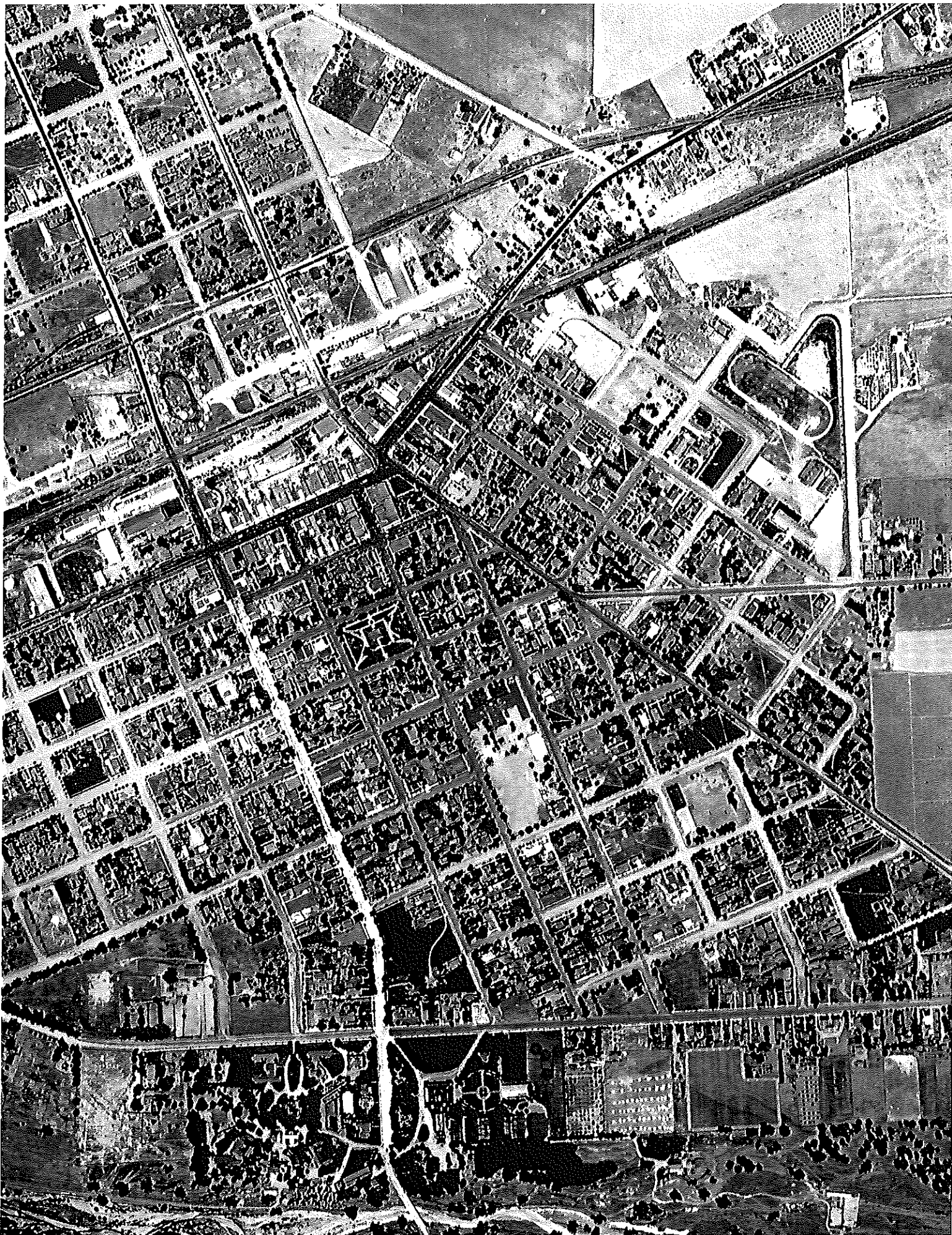
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Inquiry: 1583180.6 Year: 1950

Flyer: Aero

Scale: 1"=555'





Inquiry: 1583180.6 Year: 1958

Flyer: Cartwright

Scale: 1"=555'





Inquiry: 1583180.6 Year: 1965

Flyer: Cartwright

Scale: 1"=333'





Inquiry: 1583180.6 Year: 1974

Flyer: Nasa

Scale: 1"=601'









Inquiry: 1583180.6 Year: 1998

Flyer: USGS

Scale: 1"=666'





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Data Resources Inc

EDR Historical Topographic Map Report

**Former Shell Service Station
318 S. Livermore Avenue
Livermore, CA 94550**

Inquiry Number: 1583180.4

December 28, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR Historical Topographic Map Report includes a search of available public and private color historical topographic map collections. For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topographic maps covering the United States.

References

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Data Gaps

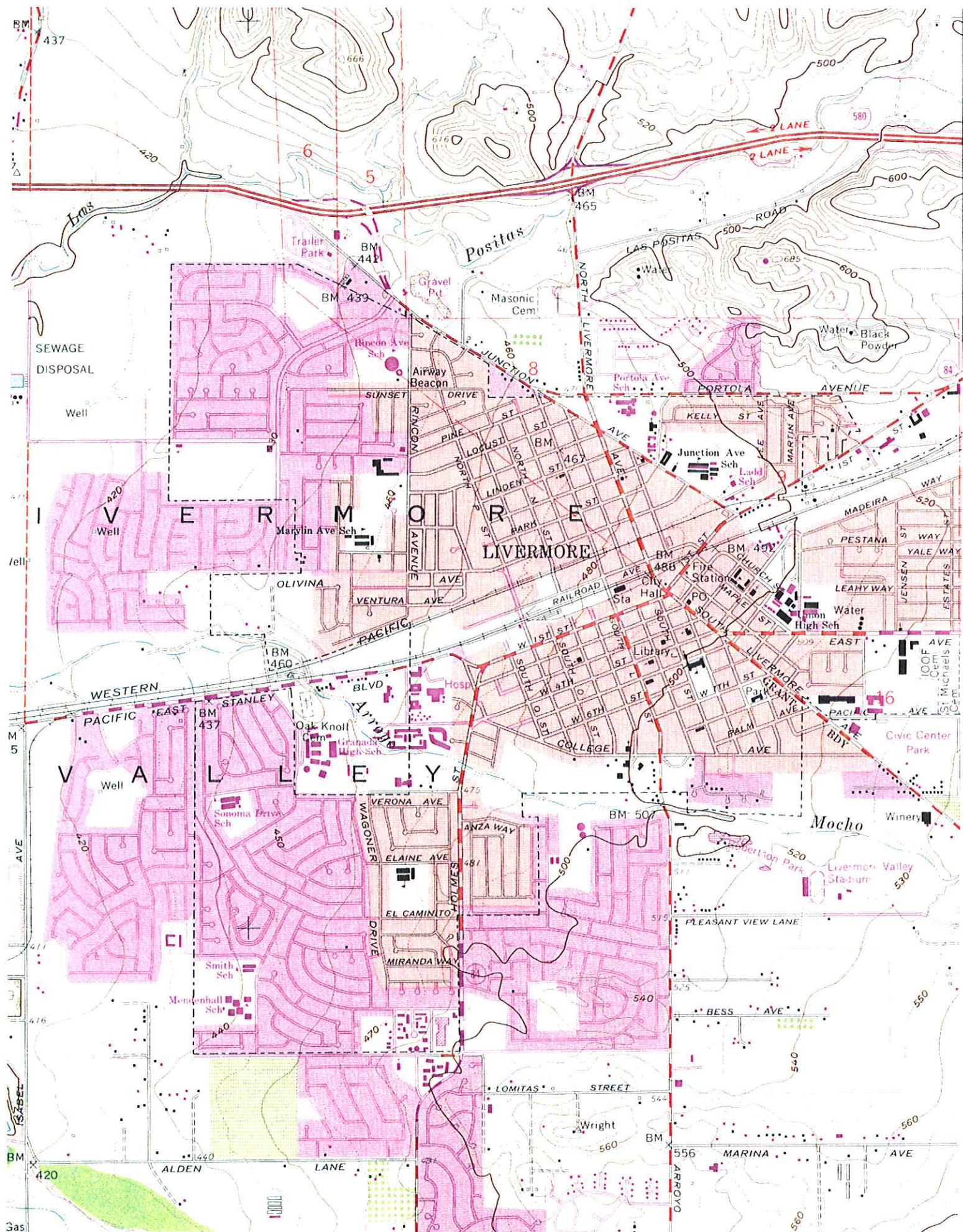
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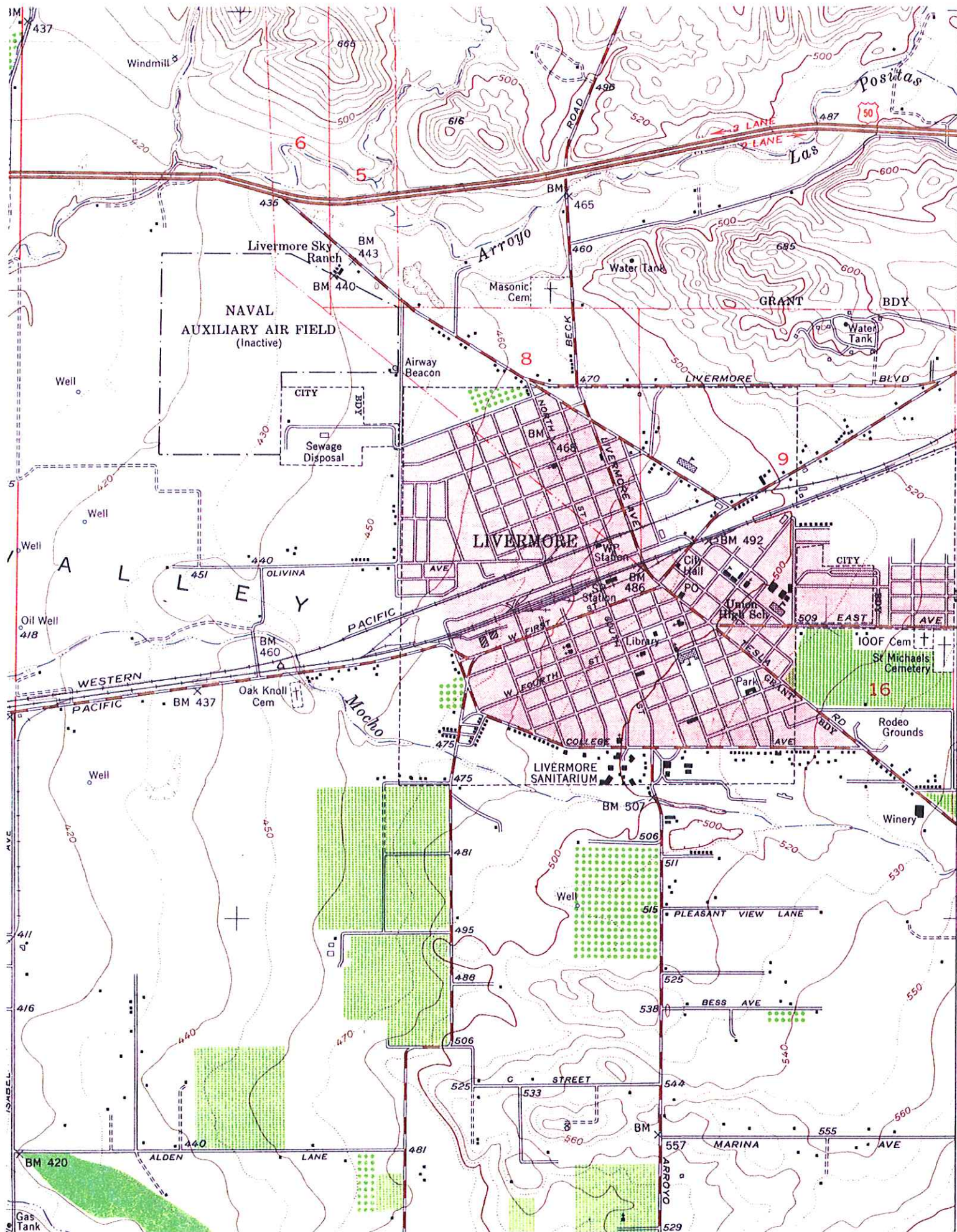
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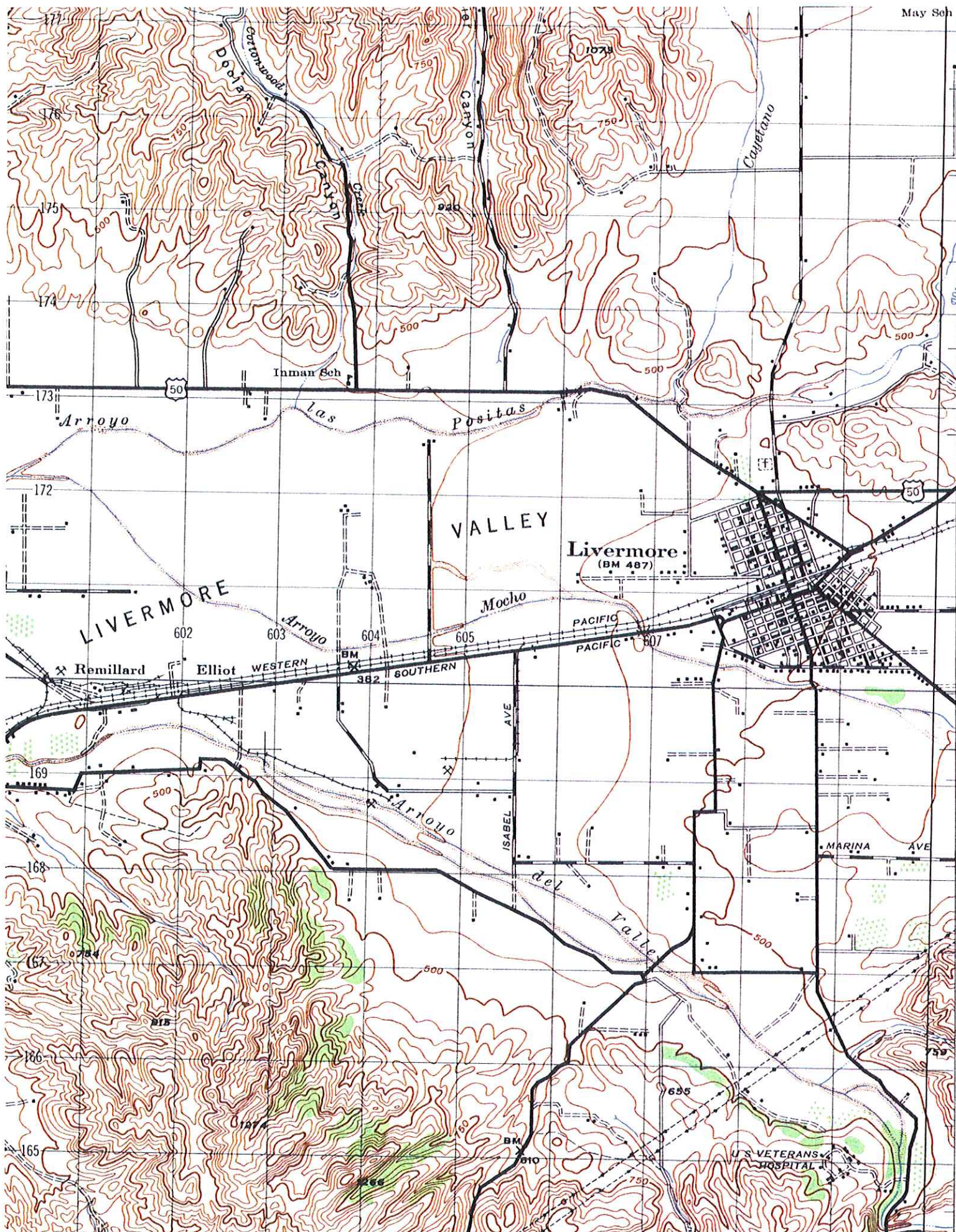
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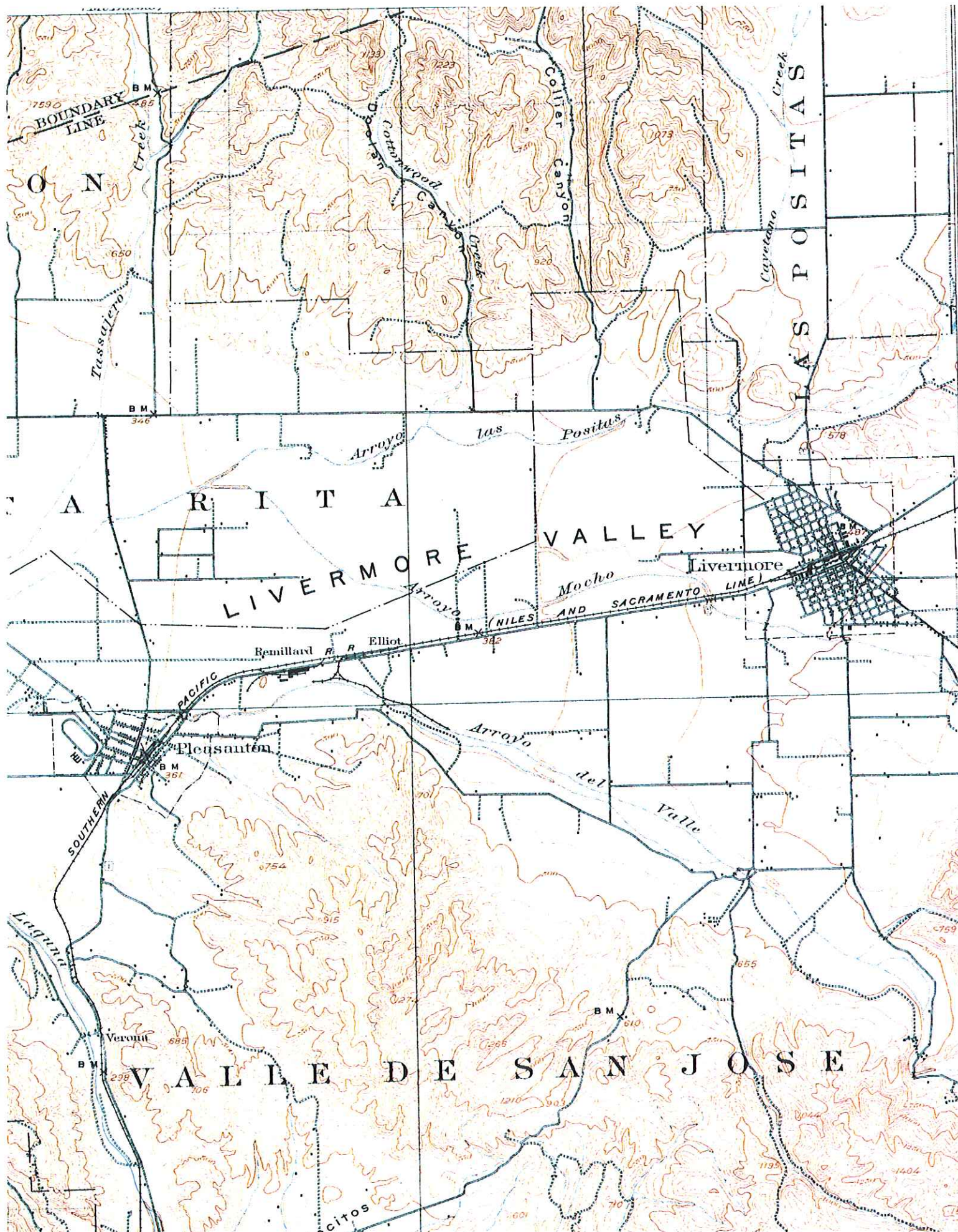
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The EDR-City Directory *Abstract*

Former Shell Service Station
318 S. Livermore Avenue
Livermore, CA 94550

Inquiry Number: 1583180.5

Friday, December 30, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

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City Directory Abstract

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References

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SUMMARY

■ *City Directories:*

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2002. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources: Dec 28, 2005

Target Property:

318 S. Livermore Avenue
Livermore, CA 94550

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1920	Address Not Listed in Research Source	N/A	R. L. Polk & Co. of California
1925	Address Not Listed in Research Source	N/A	R. L. Polk & Co. of California
1926	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1932	Address Not Listed in Research Source	N/A	R. L. Polk & Co. of California
1933	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1938	Address Not Listed in Research Source	N/A	Pacific Telephone
1940	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1943	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1945	Address Not Listed in Research Source	N/A	The Pacific Telephone & Telegraph Co.
1946	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1950	Address Not Listed in Research Source	N/A	The Pacific Telephone & Telegraph Co.
1951	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1954	Address Not Listed in Research Source	N/A	R. L. Polk & Co. of California
1955	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1956	Address Not Listed in Research Source	N/A	Pacific Telephone

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1959	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1960	Address Not Listed in Research Source	N/A	Pacific Telephone
1962	Address Not Listed in Research Source	N/A	Pacific Telephone
1965	<u>**S LIVERMORE AVE**</u> WILLIAMS IRA SHELL SERVICE (318)	N/A	R. L. Polk & Co.
1967	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1970	<u>**S LIVERMORE AVE**</u> WILLIAMS IRA SHELL SERVICE (318)	N/A	R. L. Polk & Co.
1973	Address Not Listed in Research Source	N/A	Pacific Telephone
1975	Address Not Listed in Research Source	N/A	Pacific Telephone
1976	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1979	<u>**S LIVERMORE AVE**</u> ANDREWS EARL SHELL SERVICE (318) AVIS RENT A CAR WORLDWIDE RESERVATIONS & INFORMATION (318)	N/A	Pacific Telephone
1980	Address Not Listed in Research Source	N/A	Pacific Telephone
1982	Address Not Listed in Research Source	N/A	Pacific Telephone
1984	<u>**S LIVERMORE AVE**</u> FRANK S LIVERMORE SHELL (318)	N/A	Pacific Bell
1986	<u>**S LIVERMORE AVE**</u> LIVERMORE AUTO & TIRE (318) SHELL LIVERMORE AVENUE (318)	N/A	Pacific Bell White Pages
1991	Address Not Listed in Research Source	N/A	Pacific Bell White Pages
1992	Address Not Listed in Research Source	N/A	Pacific Bell Directory
1996	Address Not Listed in Research Source	N/A	Pacific Bell Directory

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2000	Address Not Listed in Research Source	N/A	Pacific Bell
2002	<u>**LIVERMORE AVE S**</u> LIVERMRAV SHELL (318)	N/A	PACIFIC BELL
	<u>**S LIVERMORE AVE**</u> LIVERMRAV SHELL (318)	N/A	PACIFIC BELL

Adjoining Properties

SURROUNDING

Multiple Addresses
Livermore, CA 94550

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1920	Address Not Listed in Research Source	N/A	R. L. Polk & Co. of California
1925	Address Not Listed in Research Source	N/A	R. L. Polk & Co. of California
1926	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1932	Address Not Listed in Research Source	N/A	R. L. Polk & Co. of California
1933	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1938	Address Not Listed in Research Source	N/A	Pacific Telephone
1940	<u>**EAST AVE**</u> HARPER C R (2478)	N/A	R. L. Polk & Co.
1943	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1945	Address Not Listed in Research Source	N/A	The Pacific Telephone & Telegraph Co.
1946	<u>**EAST AVE**</u> HARPER C R (2478)	N/A	R. L. Polk & Co.
1950	<u>**E 2ND ST**</u> MEJIA AGRURINA R (2206) WHITE HENRY A R (2223) KINNEY M F R (2237) FRISBEE EDW R (2248)	N/A	The Pacific Telephone & Telegraph Co.

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1956 (continued)	KELLY FRANCIS B (209)		
	SEEBAND MARY M (214)		
	MESNARD JAS (216)		
	HOCK DOROTHY (218)		
	WOLF BILLY M MRS (220)		
	HANSEN LEONA (253)		
	SMILEY CHAS (256)		
	CLOSSON CHET (277)		
	MEYERS IRENE M (286)		
	LYDIKSEN A (333)		
	HARTMAN AMELIA (360)		
	ELLIOTT A MATHILDE (367)		
	RUJZ NELLIE MRS (389)		
	JOHNSON JOHANNA MRS (408)		
	MANN DONALD (447)		
	MC LAUGHLIN BRUCE W JR (448)		
	JOHNSON EDW W (461)		
	KIMLINGER JOHN (474)		
	RECKSIEK WALTER (476)		
	FACHNER OTTO (481)		
	MERMILLIOD WARREN J (489)		
	ALTAMIRANO ANNA (490)		
	NISSEN MAY G MISS (508)		
	<u>**S LIVERMORE AVE**</u>	N/A	Pacific Telephone
	CALIF WATER SERVICE CO (129)		
	AMER BAKERY (152)		
	DEARS LIQUOR & DELICATESSEN (160)		
	ASSOCIATED ELECTRONICS (167)		
	FIRESTONE DIRS STORE (167)		
	RASMUSSEN RUSSELL W FIRESTONE DIRS STR (167)		
	WESTERN UNION CO (167)		
	POST OFFICE (220)		
	OFFICE (254)		
	SMITH D W CAPT (274)		
	A 1 SEPTIC TANK SERVICE (283)		
	GRISHAM K C RL EST (283)		
	CALLAGHAN ME AGCY INS (287)		
	CALLAGHAN RICHARD M CLARK MANLEY J (291)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1956 (continued)	CLARK MANLEY J ATTY (291)		
	LOGSDON KENNETH A (306)		
	SHIDAKER FRED (315)		
	MANN LLOYD G (333)		
	HARP MYRTLE E (342)		
	VALLEY SERVICE & SUPPLIES JANTRL SERVICES (357)		
	DOLAN PAUL E DR (358)		
	SCHRIEBER PAUL W PHY & SUR (392)		
	MIHOEVICH MARIN (421)		
	BEHRMAN KATHRYN (454)		
	MC KINNON WM R (460)		
	ALEXANDER JOAN MRS (468)		
1959	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1960	<u>**EAST AVE**</u>	N/A	Pacific Telephone
	ANDERSON MARION R (2421)		
	<u>**2ND ST**</u>	N/A	Pacific Telephone
	BENNETTS CLEANERS (2247)		
	IZZO FRANK (2275)		
	BONNE AL (2289)		
	LILIENTHAL CHAS (2359)		
	BERRY LAURETTA MRS (2410)		
	DONAHUE C E (2426)		
	<u>**3RD ST**</u>	N/A	Pacific Telephone
	DRUMMOND G B JR (2341)		
	ADAMS FORREST A RL EST (2363)		
	ALADDIN PEST CONTROL (2363)		
	ANSWERING SERVICE OF @LIVERMORE@ (2363)		
	CHRISTY ROOFING CO (2363)		
	DOCS BAIL BOND AGCY (2363)		
	DURACLEAN HOME SERVICE (2363)		
	GLOVER OIL CO (2363)		
	INFORMATION BUREAU OF LIVERMORE (2363)		
	LIVERMORE ANSWERING SERVICE (2363)		
	LIVERMORE SEPTIC TANK SERVICE (2363)		
	THOMAS LORENE ANSWERING SERVICE (2363)		
	GAMBLE BYRON W (2389)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1960	(continued)		
	RUSK LEE P (2409)		
	LAMEE DONALD (2441)		
	CLARKE CARL G (2456)		
	CROCE EVA (2463)		
	JENSEN JOHN E (2470)		
	BEAZELL D W (2475)		
	<u>**EAST AVE**</u>	N/A	Pacific Telephone
	SISSON FLORENCE J (2422)		
	<u>**S LIVERMORE AVE**</u>	N/A	Pacific Telephone
	CALIF WATER SERVICE CO (129)		
	LIVERMORE PLEASANTON SAVINGS & LOAN ASSN (133)		
	AMER BAKERY (152)		
	MARIOS DELICATESSEN & LIQUORS (160)		
	FIRESTONE DIRS STORE (167)		
	RASMUSSEN RUSSELL W FIRESTONE DIRS STR (167)		
	MC NIE L E DR (254)		
	AMER CANCER SOCIETY (283)		
	DOUGLAS O K DOUGLASS RICHFIELD SERV (286)		
	DOUGLASS RICHFIELD SERVICE (286)		
	CALLAGHAN M E AGCY INS (287)		
	CALLAGHAN RICHARD M ATTY (291)		
	HOXIE JACK (306)		
	MYERS BETTIE N (315)		
	SHIDAKER FRED (315)		
	ADDLEMAN CARL E (358)		
	SCHRIEBER PAUL W PHY & SUR (392)		
	MIHOEVICH MARIN (421)		
	GOHLER IDA MRS (454)		
	OFARRELL BONNIE W (460)		
	ALEXANDER JOAN MRS (468)		
	SHUTTS GRACE R (474)		
	KELLEY MARINDA (476)		
	SULLIVAN MARJORIE (476)		
1962	<u>**3RD ST**</u>	N/A	Pacific Telephone
	EXECUTONE COMPANY OF NORTHERN CALIFORNIA INC (2360)		
1965	<u>**3RD ST**</u>	N/A	R. L. Polk & Co.
	MONARCH MARKING SYSTEM CO (2475)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1965	(continued)		
	<u>**2ND**</u>	N/A	R. L. Polk & Co.
	BENNETT S CLEANERS (2247)		
	BILL S LOCK & KEY SHOP (2264)		
	SAMPLES JAS E (2375)		
	BERRY LAURETTA MRS (2410)		
	LANGLOIS LAURA MRS (2426)		
	<u>**3RD**</u>	N/A	R. L. Polk & Co.
	DRUMMOND G B JR (2341)		
	A CAB CO (2363)		
	AMER CANCER SOCIETY (2363)		
	DESIGN ASSOCIATES INC (2363)		
	DOC S BAIL BOND AGCY (2363)		
	EAST BAY TERMITE CO INC (2363)		
	HENDERSON ROY PRNTNG BRKR (2363)		
	LA BELLA S POOL SERVICE (2363)		
	LIVERMORE ANSWERING SERVICE (2363)		
	LIVERMORE DIAPER SERVICE (2363)		
	LIVERMORE ELECTRIC (2363)		
	LIVERMORE SEPTIC TANK SERVICE (2363)		
	LUSTIG ROBT L DESGN ASSOCIATES INC (2363)		
	RAYNE SOFT WATER (2363)		
	SAFE ROOFING CO (2363)		
	SCHAAF NED WALTER (2363)		
	VALLE REALTY (2363)		
	WALT S TV REPAIR (2363)		
	HOLLY SERVICE CENTER (2368)		
	LIMA JOE M (2409)		
	HENRY WM (2427)		
	LAMEE DONALD (2441)		
	CLARKE CARL G (2456)		
	CROCE EVA (2463)		
	JENSEN JOHN E (2470)		
	BEAZELL D W (2475)		
	<u>**EAST AVE**</u>	N/A	R. L. Polk & Co.
	KRUG STEPHAN J DR (2418)		
	HAWLEY CLYDE D MD (2426)		
	<u>**S LIVERMORE AVE**</u>	N/A	R. L. Polk & Co.

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1965	(continued)		
	MAYFAIR BEAUTY SALON (119)		
	MOSAIC LODGE NO 218 F & A M (119)		
	AMERICAN BAKERY (152)		
	MARIO S LIQUORS & DELICATESSEN (160)		
	FIRESTONE SAVING CENTER (167)		
	U S GOVERNMENT (220)		
	MCNIEL E DR (254)		
	VOLPONI JOHN T OPTMTRST (254)		
	MATTERN HERMAN R DDS (254)		
	LIVERMORE-DUBLIN DISPOSAL CO GARBGE COLLECTRS (283)		
	CLEEK S RICHFIELD SERVICE (286)		
	CALLAGHAN M E AGCY INS (287)		
	CALLAGHAN RICHARD M ATTY (291)		
	DOBLER BETTIE (315)		
	ADDLEMAN CARL E (358)		
	ATKINSON LEE FANELLI & CO (379)		
	BURR WESLEY L ATKINSON LEE FANELLI & CO (379)		
	CRITCHFIELD BURKE M MILLER HAYGOOD & CRITCHFIELD ATTYS (379)		
	EATON MARK L MILLER HAYGOOD & CRITCHFIELD ATTYS (379)		
	FANELLI DOMINIC A ATKINSON LEE FANELLI & CO (379)		
	GURNEY RAYMOND D OPTMTRST (379)		
	HAYGOOD FRANK K MILLER HAYGOOD & CRITCHFIELD ATTYS (379)		
	LEE RAYMOND A ATKINSON LEE FANELLI & CO (379)		
	MILLER HAYGOOD & CRITCHFIELD ATTYS (379)		
	MILLER R L MILLER HAYGOOD & CRITCHFIELD ATTY (379)		
	REYNOLDS INDUSTRIES (379)		
	SMITH GENE K OPTMTRST (379)		
	SEABOARD FINANCE CO (385)		
	SWEEDLER ARLENE (392)		
	SWEEDLER DAN L MD (392)		
	MIHOEVICH MARIN (421)		
	DAVIS E M (458)		
	O FARRELL BONNIE W (460)		
	ALEXANDER JOAN MRS (468)		
	GOHLER IDA MRS (474)		
	LINKOUS BRUCE E (476)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1965	(continued) ROONEY ANNA M (476)		
1967	Address Not Listed in Research Source	N/A	R. L. Polk & Co.
1970	<u>**3RD**</u> EXAMINER S F (2363)	N/A	R. L. Polk & Co.
	<u>**2ND**</u> CARDINAL UPHOLSTERY (2217) AUDIO ARTS MUSIC EQUIP (2222) BOBS COIN CORNER (2222) CANDLE DE LIGHTS (2222) J R IMPORTS CO (2222) MALL BEAUTY SALON THE (2222) NORTHLAND STORES (2222) ODYSSEY RECORDS (2222) SMITH STUART J TAX CONSLTNT & BKKPNG SERV (2222) TRENDS & TRADITIONS (2222) TROJAN HORSE (2222) WILDFLOWER THE (2222) WAY UP GALLERY THE (2222) ZELS TEEN BOUTIQUE (2222) RED CARPET REALTY (2233) SPRUIELLS RED CARPET REALTY (2233) BENNETTS CLEANERS (2247) BILLS LOCK & KEY SHOP (2264) LIVERMORE NATL BANK (2287) JAQUES GILBERT S (2375) BERRY LAURETTA MRS (2410)	N/A	R. L. Polk & Co.
	<u>**3RD**</u> LIVERMORE SAW & MOWER SHOP (2345) A CAB CO (2363) ASSOCIATED SEPTIC TANK SERVICE (2363) BEKINS MOVING & STORAGE (2363) DORN REFRIGERATION & AIR COND (2363) FOLEY FRED INS AGCY (2363) LIVERMORE ANSWERING SERVICE (2363) LA BELLAS POOL SERVICE (2363) LIVERMORE AREA RECREATION & PARK DIST (2363)	N/A	R. L. Polk & Co.

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1970 (continued)	LYNCH D W (2363)		
	NIX ETHYL (2363)		
	OCONNOR OF LIVERMORE RUG & UPHLSTRY CLNRS (2363)		
	THOMAS LORENE ANSWNG SERV (2363)		
	TRACY VANGAS (2363)		
	VANGAS TRACY (2363)		
	FRYDENDAL R M (2409)		
	HENRY WM (2427)		
	LAMEE NORMA (2441)		
	CLARKE CARL G (2456)		
	CROCE EVA (2463)		
	JENSEN JOHN E (2470)		
	BEAZELL D W (2475)		
	<u>**EAST AVE**</u>	N/A	R. L. Polk & Co.
	OFC (2412)		
	OFC (2418)		
	<u>**MCLEOD ST**</u>	N/A	R. L. Polk & Co.
	KELLY FRANCIS B (209)		
	DUERRE BETTY M (214)		
	CONNOLLY LAWRENCE S (216)		
	LOVELADY LUCY B MRS (218)		
	ST DENIS CHARLOTTE (220)		
	RUEHLOW MARY (222)		
	HANSEN LEONA (253)		
	DECKER DENNIS (256)		
	CARDOSA FLORENCE (277)		
	BARBER RANDAL T (286)		
	HOWARD PHILIP (291)		
	LYDIKSEN HELEN (333)		
	ZIEHE FLORA MRS (338)		
	JENSEN PAUL S E (360)		
	BARKER W C (367)		
	BOURKE VINCENT (448)		
	JOHNSON MYRTLE MRS (461)		
	SCHMIDT LARRY (474)		
	RAINER FRANK (476)		
	MENDOZA VERNON (481)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1970	(continued)		
	NOYES FRED SR (489)		
	BARTON R G (490)		
	NISSEN MAY G MISS (508)		
	<u>**S LIVERMORE AVE**</u>	N/A	R. L. Polk & Co.
	VALLEY ECOLOGY CENTER (119)		
	ROMERO LUCY (127)		
	AMERICAN BAKERY (152)		
	MARIOS LIQUORS & DELICATESSEN (160)		
	SAVING CENTER (167)		
	POST OFC (220)		
	KULAS ROBT J OPTMTRST (254)		
	MA TTERN HERMAN R DDS (254)		
	OFC (254)		
	STAHL WM E DPM PODTRST (254)		
	RAYS RICHFIELD SERVICE (286)		
	CALLAGHAN ME AGENCY INS (287)		
	CHURCHILL BOB SR CALLAGHAN ME AGENCY INS (287)		
	CALLAGHAN RICHARD MATTY (291)		
	SEÑOR TACO (323)		
	CARRIAGE THE (364)		
	ATKINSON LEE FANELLI & CO (379)		
	CRITCHFIELD BURKE M MILLER CRITCHFIELD & EATON ATTYS (379)		
	EATON MARK L MILLER CRITCHFIELD & EATON ATTYS (379)		
	EDWARDS ROBERT F ATKINSON LEE FANELLI & CO (379)		
	EMRICH RONALD P OPTMTRST (379)		
	FANELLI DOMINIC A ATKINSON LEE FANELLI & CO (379)		
	LEE RAYMOND A ATKINSON LEE FANELLI & CO (379)		
	MILLER CRITCHFIELD & EATON ATTYS (379)		
	MILLER R L MILLER CRITCHFIELD & EATON ATTYS (379)		
	OFC (379)		
	AVCO FINANCIAL SERVICES (385)		
	SEABOARD FINANCE CO SEE AVCO FINANCIAL SERVICES (385)		
	DEN DAAS INTERIORS (392)		
	UPSHAW DONALD L (392)		
	MIHOEVICH MARIN (421)		
	DAVIS E M (458)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1970	(continued) DUGUID KATHRYN (466) ALEXANDER JOAN MRS (468) LINKOUS BRUCE E (476) ROONEY ANNA M (476) <u>**3RD ST**</u> EXECUTONE COMPANY OF NORTHERN CALIFORNIA INC SAN FRANCISCO (2360) TRACY VANGAS LIVERMORE (2363) <u>**EAST ST**</u> ABOOD J G JR DDS CONCORD (2425)	N/A	R. L. Polk & Co.
1973	<u>**2ND**</u> EGAN DORI (2419) <u>**EAST AVE**</u> ANDERSON MARION R (2421) CONTINENTAL LITTLE LEAGUE OF HAYWARD (2424) EAST AVENUE ELEMENTARY SCHOOL (2424)	N/A	Pacific Telephone
1975	<u>**2ND**</u> DAVID S STUDIO (2217) WESTERN UNION TELEGRAPH CO TO SEND TELEGRAMS MALLGRAMS OR IN (2217) ACADEMY MAID HOUSEKEEPERS (2222) BATES JANITORIAL SERVICE (2222) BEAD WORLD (2222) HOLLY GRAHAM (2222) LIONESS STYLING SALON THE (2222) MERLE NORMAN COSMETICS (2222) MONIZ ART (2222) MONIZ VIRGINIA (2222) NORTHLAND STORES (2222) PENTHOUSE DOG GROOMING (2222) WAY UP GALLERY THE (2222) KIRBY CO (2233) TRI VALLEY VACUUM MART (2233) VACUUM MART (2233) BENNETT S CLEANERS (2247) LIVERMORE NATLONAL BANK LIVERMORE 44312 (2287) VALLEY BANK NATIONAL ASSOCIATION (2287) BERRY L (2410)	N/A	Pacific Telephone

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1975	(continued)		
	CHENKOVICH THOMAS (2426)		
	<u>**3RD**</u>	N/A	Pacific Telephone
	DER WIENERSCHNLTZEL NO 267 (2315)		
	LIVERMORE SAW & MOWER SHOP (2345)		
	ALAMEDA COUNTY DRIVING SCHOOL (2363)		
	ASSOCIATED SEPTIC TANK SERVICE (2363)		
	GENERAL BUSINESS SERVICES (2363)		
	KOSCH GARY (2363)		
	LEWIS FRANCIS H ATTY (2363)		
	LIVERMORE ANSWERING SERVICE (2363)		
	TRACY VANGAS (2363)		
	WRIGHT ROOFING CO (2363)		
	HENRY M G (2427)		
	LAMEE NORMA (2441)		
	CROCE EVA (2463)		
	JENSEN JOHN E (2470)		
	BEAZELL G L (2475)		
	<u>**S LIVERMORE AVE**</u>	N/A	Pacific Telephone
	HEWITT PAUL (132)		
	ROGERS OILIE (134)		
	AMERICAN BAKERY (152)		
	MARIO S LIQUORS & DELICATESSEN (160)		
	FIRESTONE SAVING CENTER (167)		
	GOODYEAR OF LIVERMORE (167)		
	KELSOE SCHLICHTER AUTO SERVICE CENTER (167)		
	KELSOE SCHLICHTER AUTO AIR (167)		
	KELSOE SCHLICHTER AUTO PARTS (167)		
	KELSOE SCHLICHTER MUFFLERS & TRANSMISSIONS (167)		
	KELSOE SCHLICHTER TEXACO (167)		
	LIVERMORE GOODYEAR (167)		
	SAVING CENTER (167)		
	US ARMY RESERVE (220)		
	GOMES DANIEL R DPM PODTRST LIVERMORE OFC (254)		
	KUBAS ROBT J OPTMTRST (254)		
	STAHL WILLIAM E DR PODIATRY (254)		
	VBLPONI JOHN T OPTMTRST (254)		
	CALLUGHAN M E INSURANCE (283)		
	CHURCHILL BOB SR CALLAGHAN M E INSURANCE (283)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1975	(continued)		
	PECK S ARCO SERVICE (286)		
	CALLAGHAN RICHARD MATTY (291)		
	CARRIAGE THE (364)		
	ABRAMSON CLARK OPTMTRST (379)		
	EMRICH RONALD P OPTMTRST (379)		
	ENGLUND VERNON E DR CHIRPRCTR (379)		
	EQUITY FIVE INC (379)		
	GROSSMAN PATTY STALEY & GROSSMAN ATTYS (379)		
	GURNEY RAYMOND D OPTMTRST (379)		
	RICHARDS GERALD OFC (379)		
	STALEY & GROSSMAN ATTYS (379)		
	STALEY JOHN F STALEY & GROSSMAN ATTYS (379)		
	WOODREN REALTY INC (385)		
	MIHOEVICH MARIN (421)		
	QUINLAN TOM (466)		
	ZIMMERMANN H (468)		
	BROTZMAN RICHARD W JR (474)		
	<u>**S I ST**</u>	N/A	Pacific Telephone
	BYARS SIDNE (330)		
1976	<u>**EAST AVE**</u>	N/A	R. L. Polk & Co.
	HUDSON JERRY L (2421)		
	JONKE & MELLO (2421)		
	CONTINENTAL LITTLE LEAGUE OF HAYWARD (2424)		
	EAST AVENUE ELEMENTARY SCHOOL (2424)		
	<u>**S LIVERMORE AVE**</u>	N/A	R. L. Polk & Co.
	PETERSE N EDITH (260)		
	<u>**2ND ST**</u>	N/A	R. L. Polk & Co.
	GEORGE R (2402)		
1979	<u>**2ND ST**</u>	N/A	Pacific Telephone
	BACKERIT L2 HAYWARD (2407)		
	<u>**EAST AVE**</u>	N/A	Pacific Telephone
	CONTINENTAL LITTLE LEAGUE OF HAYWARD (2424)		
	HELEN TURNER CHILDREN S CENTER AT WINTON (2424)		
	<u>**W 3RD ST**</u>	N/A	Pacific Telephone
	JENSEN JOHN E (2470)		
	<u>**2ND**</u>	N/A	Pacific Telephone
	ACADEMY MAID HOUSEKEEPERS (2222)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1979	(continued)		
	HEADLINER (2222)		
	LIVERMORE TROPHIES (2222)		
	WAY UP GALLERY THE (2222)		
	GEORGE S TV SERVICE (2233)		
	BENNETT S CLEANERS (2247)		
	VALLEY BANK NATIONAL ASSOCIATION (2287)		
	<u>**3RD**</u>	N/A	Pacific Telephone
	LIVERMORE SAW & MOWER SHOP (2345)		
	ACCESS DATA TERMINALS (2363)		
	ASSOCIATED SEPTIC TANK SERVICE (2363)		
	KILL PEST INC (2363)		
	NIX ETHYL (2363)		
	ROSE EXTERMINATOR CO (2363)		
	S & S ENTERPRISES (2363)		
	TRACY VANGAS (2363)		
	VANGASTRACY (2363)		
	HENRY M G (2427)		
	HELSTROM KELLY (2456)		
	CROCE EVA (2463)		
	LLOYD JOHN (2475)		
	<u>**EAST AVE**</u>	N/A	Pacific Telephone
	KRUG STEPHAN J DR (2418)		
	SANDS WM C DDS (2418)		
	<u>**S LIVERMORE AVE**</u>	N/A	Pacific Telephone
	MA SONIC LODGE MOSAIC (119)		
	SAPPHIRE ENTERTAINMENT ORGANIZATION (119)		
	AMERICAN BAKERY (152)		
	MARIO S LIQUORS & DELICATESSEN (160)		
	GOODYEAR OF LIVERMORE (167)		
	LIVERMORE TEXACO (167)		
	UNITED STATES GOVERNMENT HEALTH CARE SERVICES ALAMEDA COUNTY (220)		
	HELLER STUART B OD (254)		
	LIVERMORE PODIATRY GROUP (254)		
	MATTERN HERMAN R D 05 (254)		
	STAHL WILLIAM E PODIATRY LIVERMORE OFC (254)		
	GARNER VIC MUTUAL SERVICE INS CO (283)		
	MUTUAL SERVICE INS CO (283)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1979	(continued)		
	PECK S ARCO SERVICE (286)		
	MILLSBERRY GIFTS (287)		
	CALLAGHAN RICHARD M A TY (291)		
	SEÑOR TACO (323)		
	MC HUGH RICHARD W CHIRPRCTR (375)		
	ABRAMSON CLARK OPTMTRST (379)		
	EMRICH RONALD P OPTMTRST (379)		
	GURNEY EMRICH & ABRAMSON OPTMTRSTS (379)		
	GURNEY RAYMOND D OPTMTRST (379)		
	SAXE REALTY CO INC (385)		
	WOODREN REALTY (385)		
	DEN DAAS INTERIORS (392)		
	MIHOEVICH MARIN (421)		
	VAN MIDDLESWORTH PAUL (454)		
	HANSEN I (466)		
	SKARSET CRAIG R (474)		
	WEHRSDORFER BOB (476)		
	WEHRSDORFER S (476)		
1980	Address Not Listed in Research Source	N/A	Pacific Telephone
1982	<u>**EAST AVE**</u>	N/A	Pacific Telephone
	REED JAS C HAYWARD (2421)		
	CONTINENTAL LITTLE LEAGUE OF HAYWARD HAYWARD (2424)		
	HAYWARD UNIFIED SCHOOL DISTRICT (2424)		
	<u>**S LIVERMORE AVE**</u>	N/A	Pacific Telephone
	STAHL WILLIAM E DPM (254)		
1984	<u>**2ND ST**</u>	N/A	Pacific Bell
	AIR FRESH INC (2225)		
	<u>**2ND**</u>	N/A	Pacific Bell
	COX PENNY (2217)		
	HOWE MARGARET ENROLLED AGENT (2217)		
	ACADEMY MAID HOUSEKEEPERS (2222)		
	CINDY S GOLD (2222)		
	CREATIVE CAMERA THE (2222)		
	ELEGANT EDGE (2222)		
	FLOWER MARKET THE (2222)		
	INTIMATE IMAGES (2222)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1984	(continued)		
	KNIT WIT SHOPPE (2222)		
	LIONESS STYLING SALON THE (2222)		
	LIVERMORE TROPHIES & TEE S (2222)		
	RUTH S LUNCH BASKET (2222)		
	WINDSURFING DEL VALLE (2222)		
	BRINKLEY S BOOT & SHOE REPAIR (2233)		
	BIEN S DRY CLEANING & LAUNDRY (2247)		
	CENTRAL BANK (2287)		
	VALLEY BANK NATIONAL ASSOCIATION (2287)		
	<u>**3RD**</u>	N/A	Pacific Bell
	CROWNSATELLITE SYSTEMS (2363)		
	<u>**EAST AVE**</u>	N/A	Pacific Bell
	KRUG STEPHAN J DR (2418)		
	RASHE PETER J DDS (2418)		
	SANDS WM C DDS (2418)		
	<u>**S LIVERMORE AVE**</u>	N/A	Pacific Bell
	MASONIC LODGE MOSAIC (119)		
	KRAUSE HOUSE (133)		
	AMERICAN BAKERY (152)		
	MARIO S LIQUORS & DELICATESSEN (160)		
	GOODYEAR OF LIVERMORE (167)		
	LIVERMORE AUTO & TIRE (167)		
	LIVERMORE AUTO PARTS (167)		
	FAIN MICHAEL OD (254)		
	VOLPONI JOHN T OD (254)		
	CRAIG S ARCO MINI MARKET (286)		
	HILL CARL RL EAT LOANS (287)		
	DRAPERY CORNER (291)		
	SEÑOR TACO (323)		
	MOUNTAIN MIKE S PIZZA (364)		
	CAM & ASSOCIATES (379)		
	EDUCATIONAL FOOT HEALTH (379)		
	LIVERMORE PODIATRY GROUP (379)		
	PALMER STEPHEN G CONSULTANTS LNC (379)		
	SECRETARIAL SERVICE THE LIVERMORE 447 493 (379)		
	STAHL WILLIAM E (379)		
	STOVE PIPE DELI & SANDWICH SHOP . 423 (385)		
	MIHOEV LCH MANRIN (421)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
1986	(continued) WHITAKER JEFFREY L DC (379) STOVE PIPE DELI & SANDWICH SHOP (385) STOCKING REALTY & INVESTMENT CO (392)		
1991	<u>**S I ST**</u> SHEA DAN T (479)	N/A	Pacific Bell White Pages
1992	Address Not Listed in Research Source	N/A	Pacific Bell Directory
1996	Address Not Listed in Research Source	N/A	Pacific Bell Directory
2000	Address Not Listed in Research Source	N/A	Pacific Bell
2002	<u>**N I ST**</u> RIVERS 1 O (208) VOEU 4 ERJOTR (208) AUTOSTRUCK REPAIR (240) CHUCKS (240) INORTH 94550 CONT (241) OEOROOPOULOSL (241) DELTA BAYMUSTANG 925 449 1 E (242) XXXX (243) HEMPYRCHARD (251) HERNANDEZ FRANCISCO (251) ROBLES VINCENT (277) PEREZMARY JANE (284) BHINDERR 8LHIR S (305) DUKEDOUGLAS (305) XXXX (307) SINGH RAV (311) GM 0 ES FR (338) MA 9 ANN 5 FRANCES (338) AGUAYOENC A (353) DEANDA JESUS (353) LLIGUAL A (353) TRUJILLODONA (353) ODELANDAPaul (360) JOHNSON JAMES (375) BOYLE TIMOLHY (376)	N/A	PACIFIC BELL

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002	(continued)		
	XXXX (377)		
	WALLACE DARLENE (398)		
	CARSTENSENMARHA (404)		
	WHITAKERAIMY (419)		
	SLUNA JUAN (420)		
	XXXX (421)		
	CARLSONALHR O (442)		
	ORUSHJAMES (443)		
	CORTEZ ROBER (465)		
	CHEL CIU PAUL (466)		
	MORALES I (477)		
	L 08 ENZO (479)		
	TRUJILLOJORGE (479)		
	WYLIE WILLIAM (479)		
	<u>**S H ST**</u>	N/A	PACIFIC BELL
	SWANSON DENNIS E (485)		
	<u>**S I ST**</u>	N/A	PACIFIC BELL
	APPRSLARLESTCO (325)		
	BETTENCOURT (325)		
	XXXX (355)		
	CHRISTMAS TREES REGANREALTORS (379)		
	REGAN BROTHERS (379)		
	A 8 UVEBMRR UICK (383)		
	ADVERTISING LIVERMRPRIN (383)		
	ARTSUNUMITED (383)		
	PRINT (383)		
	XXXX (461)		
	LENWAYNE (463)		
	SCLARK JUDRLH (482)		
	<u>**2ND ST**</u>	N/A	PACIFIC BELL
	WISE BRAN 00 C (2217)		
	ACCTG&MNGMNTSRV (2222)		
	ANTIQUES KILLION NICKI (2222)		
	BUILDING ACCOU (2222)		
	CERVINO ESTHER (2222)		
	CHRSTN SCN PRCTNR ELEGANT EDGE (2222)		
	CREATIVE CAMERA (2222)		
	E 6 UATION BELL THEATER ART (2222)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002	(continued)		
	GOLD COAST (2222)		
	LEONARD ASSOCIATES (2222)		
	LIONESSTYLINGSLN (2222)		
	PAMS ELEGANT EDGE (2222)		
	STUDIO (2222)		
	THE DOROTHY GRDN (2222)		
	XXXX (2225)		
	XXXX (2233)		
	OTRUONGTUNG (2247)		
	BANK OFTHE WEST (2287)		
	BERGERSEDAVRD 00 MEYERCOR (2375)		
	MEYER COMELTS (2375)		
	XXXX (2388)		
	SHERMAN RAYMOND (2426)		
	<u>**3RD ST**</u>	N/A	PACIFIC BELL
	CHINPFILLIP (2180)		
	JAPANESE COUSINE (2180)		
	FRACISCO CHARLES P (2207)		
	PAT FRACISCO (2207)		
	QUEST SECURITIES INC (2207)		
	RLTY&INVST QUEST SORTIES INC (2207)		
	XXXX (2219)		
	CRETAN B (2221)		
	SOMMER SONJA S DOS (2221)		
	OKENEDY RONALD (2224)		
	COOKCAROL L (2235)		
	BENNETT WILLIAM (2240)		
	M SI INSURANCE (2240)		
	MELS BARBER SHOP (2252)		
	3RD 94550 CON (2257)		
	AMER TITLE CO (2257)		
	BACKII NECKCTR (2257)		
	CO BETT RICHARD (2257)		
	LIVERMR CHIRO (2257)		
	LYNDASER (2258)		
	REGANJOHN (2269)		
	XXXX (2315)		
	OPIDOLUJOHN (2341)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002	(continued)		
	LIVERMRS AWEMOWER (2345)		
	XXXX (2359)		
	BENTONJOE (2363)		
	BROOKSJACQUELRNE A (2363)		
	HAUGHT PETER (2363)		
	HAUGHT PETER (2363)		
	WHITNEY DO (2363)		
	WILSON HOWARD (2389)		
	XXXX (2397)		
	MCKEONROSS (2409)		
	HENRY CATHERINE A (2427)		
	GETUIZAJE (2438)		
	RUDOLPH TED (2438)		
	STEVENSON RICHARD (2441)		
	COOPER DAAID (2456)		
	CROCEEVA (2463)		
	BIESIADA THOMAS (2470)		
	9 GARCIA F (2475)		
	GARCIA M (2475)		
	<u>**4TH ST**</u>	N/A	PACIFIC BELL
	OLDREPUBLIC TITLE (2205)		
	WARDLAWJEORY (2210)		
	INMANLAUN (2232)		
	OWILSON HOWARD (2232)		
	XXXX (2235)		
	ESPINOSA JODR L (2236)		
	CORBETTRERARD (2254)		
	KAVANAGH DON (2254)		
	KAVANAGH HOLLY (2254)		
	KAVANAUGH HOLLY (2254)		
	KAVANAUGH HOON (2254)		
	SMITHLOYD D (2255)		
	LARAZA AGENCY (2260)		
	LARAZA AGENCY (2260)		
	MEXICAN WORLD (2260)		
	TRAVEL (2260)		
	UVERMR EL CELLULAR (2260)		
	EASTVLY TERM (2273)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002 (continued)	COMPANY (2282)		
	FINANCL (2282)		
	HOMESWEE (2316)		
	MA SON MCDUFFIE RE (2316)		
	SHOPPETOO (2316)		
	4TH 94550 C 094 T (2317)		
	E MANCUSO GEO IGE (2317)		
	MONTGOMERY BARRY (2331)		
	GURNEY LO I (2361)		
	MOLLI (2417)		
	PBEFTOKIS LOUIS (2417)		
	XXXX (2440)		
	CASTORI SSLEOE (2455)		
	TAYLO (2455)		
	DOUGLAS JAK (2458)		
	XXXX (2472)		
	10 VINGAP (2474)		
	GARAVENTA AM (2493)		
	FRYDENDALC (2510)		
	GILBERTSON JM (2510)		
	BROOKETIMO IHY (2542)		
	5TH ST	N/A	PACIFIC BELL
	DEL VALLECNTNTMHI (2253)		
	LIVERMRSCHIDEL (2253)		
	VALLE (2253)		
	IELDSWILAM (2266)		
	XXXX (2268)		
	TROTTER BILLIE (2272)		
	XXXX (2310)		
	CORTEZRO NBER (2311)		
	FITZGERALD KALHLEEN (2324)		
	SOMERDAY (2324)		
	STRAIGHTLOYD (2324)		
	BALLERD (2327)		
	OBALLARD FRANKLIN (2327)		
	FROST BRACE (2340)		
	FOSCALINACHARLES (2356)		
	MELLODOR (2359)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002	(continued)		
	MELLOWM K (2359)		
	SLADKYJOS F (2391)		
	<u>**EAST AVE**</u>	N/A	PACIFIC BELL
	GONG KENNETH L DS (2418)		
	MILESJEFFREYP D S 925 447 5660 I (2418)		
	ORYCHELD (2418)		
	<u>**LIVERMORE AVE N**</u>	N/A	PACIFIC BELL
	LIGHTYELZABELH 00 C (245)		
	SPERSSONJADL (267)		
	L 1 GHYELIEZBETH (289)		
	WADA BAO (306)		
	TOCCHINI MARK (309)		
	HUANG KAREN (316)		
	KIRVANSLEVEN (327)		
	ARAGONVEMA R (328)		
	SCHAEFER OLTO (334)		
	XXXX (338)		
	OGREGORYJOHN (339)		
	MEDERIOS (352)		
	SCHAEFER RUTH (352)		
	ROMEROFRANK I (358)		
	FERNANOEZBLLL (361)		
	CERRUTJOHN (373)		
	XXXX (375)		
	ALLENTIMOTHY (391)		
	GADER (391)		
	KENNY GARY (394)		
	MILLER MICHAEL (407)		
	STAYLORROBERT (415)		
	JEFFERYGIEN B 925 449 3640 OPEN (441)		
	TRANSPORTATION INC (441)		
	MULROONE (452)		
	MULROONEY PATNCH (452)		
	MULROONEY JOHN (452)		
	MARSHALL PAUL (460)		
	XXXX (461)		
	XXXX (463)		
	CHISICK RICHARD (487)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002	(continued)		
	<u>**LIVERMORE AVE S**</u>	N/A	PACIFIC BELL
	MASONICLDGMSC (119)		
	TOUCH OFMAGIC (129)		
	BOARDSHACKTHE (133)		
	LIVERMR BAKERY (152)		
	OLEMINH (152)		
	TEQUILATAG (160)		
	CASALIMELVAM (167)		
	LIVERMRAUTO&TIRE (167)		
	LIVERMRAUTO&TIRE (167)		
	LVERMRAUTO PARTS (167)		
	XXXX (220)		
	MALTSEVA INNAOD (254)		
	TRIVLYOPTMTRCGRP (254)		
	VOLPONJOHNT (254)		
	VOLPONJOHN (254)		
	HARTWELLSARA (283)		
	AMPMGWEONS (286)		
	ENTERPRISE (286)		
	XXXX (287)		
	DDUTCH (291)		
	NOLCRFT (291)		
	NEUENSWANDERLAVOR (323)		
	WIENERSCHINITZEL (323)		
	XXXX (328)		
	DOUGLASJACK (358)		
	MAGOOS PIZZA (364)		
	RSTRNT (364)		
	ATLAS SPECIFIC (379)		
	ISLAM CENTEROF (379)		
	LIVERMRCHIROCNTR (379)		
	MCKHAN COM (379)		
	PAISOADAMCDC (379)		
	STAHL WILLIAM EDPM (379)		
	U 6 VERMORE (379)		
	STOVE PIPE (385)		
	SUSHI&SANDWICH (385)		
	XXXX (386)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002 (continued)	RLTYA INV ST (392)		
	STOCKING (392)		
	STOCKINGBOASC (392)		
	MIHOEVICHJOHN (421)		
	SCHMITZD (454)		
	XXXX (458)		
	XXXX (466)		
	XXXX (474)		
	<u>**N I ST**</u>	N/A	PACIFIC BELL
	AUTOETRUCK REPAIR (240)		
	CHUCKS (240)		
	INORTH 94550 CONT (241)		
	OEOROOPOULOSL (241)		
	DELTA BAYMUSTANG 925 449 1 E (242)		
	XXXX (243)		
	HEMPYROCHARD (251)		
	HERNANDEZ FRANCISCO (251)		
	DEANSAUTO (255)		
	ELDAMJOSEPH (255)		
	ELECTRICBPARTS DONS MOBILE FLEET (255)		
	SERVICE (255)		
	ROBLES VINCENT (277)		
	PEREZMARY JANE (284)		
	RIVERS (298)		
	VOEU 0 ERJOTR (298)		
	BHINDERR 8LHIR S (305)		
	DUKEDOUGLAS (305)		
	XXXX (307)		
	SINGH RAV (311)		
	GM 0 ES FR (338)		
	MAGANN FRANCES (338)		
	AGUAYOENC A (353)		
	DEANDA JESUS (353)		
	LLIGUAL A (353)		
	TRUJILLODONA (353)		
	ODELANDAPPAUL (360)		
	JOHNSON JAMES (375)		
	BOYLE TIMOLHY (376)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002 (continued)	XXXX (377)		
	WALLACE DARLENE (398)		
	CARSTENSEN MARHA (404)		
	WHITAKER AMY (419)		
	SLUNA JUAN (420)		
	XXXX (421)		
	CARLSON ALHO (442)		
	ORUSH JAMES (443)		
	CORTEZ ROBER (465)		
	CHEL CIU PAUL (466)		
	MORALES J (477)		
	08 ENZO (479)		
	TRUJILLO JORGE (479)		
	WYLIE WILLIAM (479)		
	<u>**S H ST**</u>	N/A	PACIFIC BELL
	SWANSON DENNIS E (485)		
	<u>**S I ST**</u>	N/A	PACIFIC BELL
	APPRSLARLESTCO (325)		
	BETTENCOURT (325)		
	XXXX (355)		
	CHRISTMAS TREES REGAN REALTORS (379)		
	REGAN BROTHERS (379)		
	8 UVEB MRR UICK (383)		
	ADVERTISING LIVER MRR PRIN 8 TERS (383)		
	PRINT ARTS UNLIMITED (383)		
	XXXX (461)		
	LENWAYNE (463)		
	CLARK JUDRLH (482)		
	<u>**2ND ST**</u>	N/A	PACIFIC BELL
	WISE BRAN C (2217)		
	ACCTG & MNGMNTSRV (2222)		
	ANTIQUES KILLION NICKI (2222)		
	BUILDING ACCOU (2222)		
	CERVINO ESTHER (2222)		
	CHRSTN SCN PRCTNR ELEGANT EDGE (2222)		
	CREATIVE CAMERA (2222)		
	E 6 UATION BELL THEATER ART (2222)		
	GOLD COAST (2222)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002 (continued)	LEONARD ASSOCIATES (2222)		
	LIONESSTYLINGSLN (2222)		
	PAMS ELEGANT EDGE (2222)		
	STUDIO (2222)		
	THE DOROTHY GRDN (2222)		
	XXXX (2225)		
	XXXX (2233)		
	OTRUONGTUNG (2247)		
	BANK OFTHE WEST (2287)		
	BERGERSENDVVRD MEYERCOR (2375)		
	MEYER COMELTS (2375)		
	XXXX (2388)		
	SHERMAN RAYMOND (2426)		
	<u>**3RD**</u>	N/A	PACIFIC BELL
	XXXX (2315)		
	OPIDOLUJOHN (2341)		
	LIVERMRS AWEMOWER (2345)		
	XXXX (2359)		
	BENTONJOE (2363)		
	BROOKSJACQUELRNE A (2363)		
	HAUGHT PETER (2363)		
	HAUGHT PETER (2363)		
	WHITNEY DO (2363)		
	WILSON HOWARD (2389)		
	XXXX (2397)		
	MCKEONROSS (2409)		
	HENRY CATHERINE A (2427)		
	GETUZAJE (2438)		
	RUDOLPH TED (2438)		
	STEVENSON RICHARD (2441)		
	COOPER DAAID (2456)		
	CROCEEVA (2463)		
	BIESIADA THOMAS (2470)		
	GARCIA F (2475)		
	GARCIA M (2475)		
	<u>**4TH ST**</u>	N/A	PACIFIC BELL
	OLDREPUBLICTITLE (2205)		
	WARDLAWJEORY (2210)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002 (continued)	INMANLAUN (2232)		
	OWILSON HOWARD (2232)		
	XXXX (2235)		
	ESPINOSAJODR L (2236)		
	CORBETTRERARD (2254)		
	KAVANAGH DON (2254)		
	KAVANAGH HOLLY (2254)		
	KAVANAUGH HOLLY (2254)		
	KAVANAUGH HOON (2254)		
	SMITHLOYD D (2255)		
	CLUB MEXICAN WORLD (2260)		
	LARAZAAGENCY (2260)		
	LARAZAAGENCY (2260)		
	TRAVEL (2260)		
	UVERMR EL CELLULAR (2260)		
	EASTVLYTERM (2273)		
	COMPANY (2282)		
	FINANCL (2282)		
	HOMESWEE (2316)		
	MASON MCDUFFIE RE (2316)		
	SHOPPETOO (2316)		
	4TH 94550 C 094 T (2317)		
	MANCUSO GEO IGE (2317)		
	MONTGOMERY BARRY (2331)		
	GURNEY LO I (2361)		
	MOLLI (2417)		
	PBEFTOKISLOUIS (2417)		
	XXXX (2440)		
	CASTORI SSLEOE (2455)		
	TAYLO (2455)		
	DOUGLASJAK (2458)		
	XXXX (2472)		
	10 VINGAP (2474)		
	GARAVENTAAM (2493)		
	FRYDENDALC (2510)		
	GILBERTSONJM (2510)		
	BROOKETIMO IHY (2542)		
	<u>**5TH ST**</u>	N/A	PACIFIC BELL

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002 (continued)	DELVALLECNTNTMHI (2253)		
	LIVERMRSCHIDEL (2253)		
	VALLE (2253)		
	IELDSWILAM (2266)		
	XXXX (2268)		
	TROTTER BILLIE (2272)		
	XXXX (2310)		
	CORTEZRO NBER (2311)		
	FITZGERALD KALHLEEN (2324)		
	SOMERDAY (2324)		
	STRAIGHTLOYD (2324)		
	BALLERD (2327)		
	OBALLARD FRANKLIN (2327)		
	FROST BRACE (2340)		
	FOSCALINACHARLES (2356)		
	MELLODOR (2359)		
	MELLOWM K (2359)		
	SLADKY JOS F (2391)		
	<u>**EAST AVE**</u>	N/A	PACIFIC BELL
	GONG KENNETH L DS (2418)		
	MILESJEFFREYP D S (2418)		
	ORYCHELD (2418)		
	<u>**MCLEOD**</u>	N/A	PACIFIC BELL
	BOSWELLMRCHAE L (209)		
	XXXX (214)		
	WATTERSANDREA (216)		
	XXXX (218)		
	GANDOLFO RICHARD 00 C (222)		
	SWIGERROY 00 C (244)		
	XXXX (248)		
	VOLPONIJOHN (253)		
	NIGG DANIEL 00 C (256)		
	DELGADOAN IHONY F (274)		
	CAPPSLELAND 00 C (277)		
	SHANNON EDWARD 00 C (286)		
	CENTERFORCMTY (291)		
	METRICS MEDIATIONSER (291)		
	OISPUTSTTLMNT DYERSUEORG (291)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002	(continued)		
	ORG METRICS (291)		
	WIGGSBRUCE 00 C (291)		
	MERCADOJACK (333)		
	MIHOEVICHJOHN 00 C (338)		
	XXXX (355)		
	DAGUE PENNY (360)		
	DAGUEDAN (360)		
	ANOREWS PHYLLIS 00 C (367)		
	JOHNSON LARRY R (367)		
	MCLEOD 94550 CONT (367)		
	SINGHDAVINDER (375)		
	XXXX (381)		
	GANDOLFO ANITA (389)		
	FLORESCARLCS (447)		
	SINDICMRCHAE L (448)		
	OWELLSMICAH (461)		
	XXXX (474)		
	MCDANIELA (476)		
	MCDANIELAILSON (476)		
	OFERREIRAPAU L (476)		
	FERGUSONMYLA (481)		
	OTRAY NORBNEN (489)		
	SILVAMAIA (490)		
	DRAVIDZIUSLEE (508)		
	<u>**N LIVERMORE AVE**</u>	N/A	PACIFIC BELL
	LIGHTY ELZABELH C (245)		
	SPERSSONJADL (267)		
	1 GHYELIEZBETH (289)		
	WADA BAO (306)		
	TOCCHINI MARK (309)		
	HUANG KAREN (316)		
	KIRVANSLEVEN (327)		
	ARAGONVEMA R (328)		
	SCHAEFER OLTO (334)		
	XXXX (338)		
	OGREGORYJOHN (339)		
	MEDERIOS (352)		
	SCHAEFER RUTH (352)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002	(continued)		
	ROMEROFRANK I (358)		
	FERNANOEZBLLL (361)		
	CERRUTJOHN (373)		
	XXXX (375)		
	ALLENTIMOTHY (391)		
	GADER (391)		
	KENNY GARY (394)		
	MILLER MICHAEL (407)		
	STAYLORROBERT (415)		
	JEFFERY GIEN B (441)		
	OPEN WINGS (441)		
	TRANSPORTATION INC (441)		
	MULROONE (452)		
	MULROONEY PATNCH (452)		
	MULROONEY JOHN (452)		
	MARSHALL PAUL (460)		
	XXXX (461)		
	XXXX (463)		
	CHISICK RICHARD (487)		
	<u>**S LIVERMORE AVE**</u>	N/A	PACIFIC BELL
	MASONICLDGMSC (119)		
	TOUCH OFMAGIC (129)		
	BOARDSHACKTHE (133)		
	OLEMINH LIVERMR BAKERY (152)		
	TEQUILATAG (160)		
	CASALIMELVAM LVERMRAUTO PARTS (167)		
	LVERMRAUTO&TIRE (167)		
	LVERMRAUTO&TIRE (167)		
	XXXX (220)		
	MALTSEVA INNAOD (254)		
	TRIVLYOPTMTRCGRP (254)		
	VOLPONJOHN VOLPONJOHNT (254)		
	HARTWELLSARA (283)		
	AMPMGWEONS (286)		
	ENTERPRISE (286)		
	XXXX (287)		
	DDUTCHTREAT (291)		
	NOLCRFT (291)		

<u>Year</u>	<u>Uses</u>	<u>NAICS</u>	<u>Source</u>
2002	(continued)		
	NEUJENSWANDERLAVOR WIENERSCHINITZEL (323)		
	XXXX (328)		
	DOUGLASJACK (358)		
	MAGOOS PIZZA (364)		
	RSTRNT (364)		
	ATLAS SPECIFIC (379)		
	ISLAM CENTEROF (379)		
	MCKHAN COM (379)		
	PAISOADAMCDC (379)		
	STAHL WILLIAM EDPM (379)		
	U 6 VERMORE LIVERMRCHIROCNTR (379)		
	STOVE PIPE (385)		
	SUSHI&SANDWICH (385)		
	XXXX (386)		
	RLTYA INVST (392)		
	STOCKINGBOASC STOCKING (392)		
	MIHOEVICHJOHN (421)		
	SCHMITZD (454)		
	XXXX (458)		
	XXXX (466)		
	XXXX (474)		



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Former Shell Service Station
318 S. Livermore Avenue
Livermore, CA 94550**

Inquiry Number: 1583180.2s

December 29, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

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Thank you for your business.
Please contact EDR at 1-800-352-0050
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

318 S. LIVERMORE AVENUE
LIVERMORE, CA 94550

COORDINATES

Elevation: 498 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 37121-F7 LIVERMORE, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
SHELL 318 LIVERMORE AVE S LIVERMORE, CA 94550	LUST	N/A
SHELL #13-5440 318 S. LIVERMORE AVE. LIVERMORE, CA 94550	LUST	N/A
318 SOUTH LIVERMORE AVENUE 318 SOUTH LIVERMORE AVENUE LIVERMORE, CA 94550	CHMIRS	N/A
EQUILON ENTERPRISES LLC 318 S LIVERMORE LIVERMORE, CA 94550	HAZNET	N/A
FRANK WYOO 318 S LIVERMORE AVE LIVERMORE, CA 94550	HAZNET HIST UST CS SWEEPS UST	N/A
SHELL 318 LIVERMORE AVE S LIVERMORE, CA 94550	LUST	N/A

EXECUTIVE SUMMARY

SHELL SERVICE STATION
318 S. LIVERMORE
LIVERMORE, CA 94550

RCRA-LQG

CAD981403058

EQUILON ENTERPRISES LLC
318 S LIVERMORE
LIVERMORE, CA 94550

FINDS
HAZNET

110018989638

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

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

STATE AND LOCAL RECORDS

AWP.....	Annual Workplan Sites
Cal-Sites.....	Calsites Database

EXECUTIVE SUMMARY

Toxic Pits.....	Toxic Pits Cleanup Act Sites
CA BOND EXP. PLAN.....	Bond Expenditure Plan
NFA.....	No Further Action Determination
NFE.....	Properties Needing Further Evaluation
REF.....	Unconfirmed Properties Referred to Another Agency
SCH.....	School Property Evaluation Program
CA WDS.....	Waste Discharge System
WMUDS/SWAT.....	Waste Management Unit Database
SLIC.....	Statewide SLIC Cases
AST.....	Aboveground Petroleum Storage Tank Facilities
DEED.....	Deed Restriction Listing
VCP.....	Voluntary Cleanup Program Properties
WIP.....	Well Investigation Program Case List
EMI.....	Emissions Inventory Data

TRIBAL RECORDS

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

EDR Proprietary Records

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

FEDERAL RECORDS

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

A review of the RCRA-SQG list, as provided by EDR, and dated 10/14/2005 has revealed that there are 6

EXECUTIVE SUMMARY

RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC BELL	2324 SECOND STREET	0 - 1/8 NW	B13	26
PACIFIC BELL	2388 SECOND STREET	0 - 1/8 NNW	C17	30
BOSTROM S LIVERMORE AUTO BODY	2462 2ND STREET	1/8 - 1/4N	18	34
RED S LIVERMORE BODY SHOP	222 CHURCH STREET	1/8 - 1/4NNE	26	46
LIVERMORE CITY OF	2500 RAILROAD AVE	1/8 - 1/4NNW	E28	52
ALAMEDA CO DEPT OF AGRI	2418 RAILROAD AVE	1/8 - 1/4NNW	E31	56

FUDS: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.

A review of the FUDS list, as provided by EDR, and dated 12/31/2004 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LIVERMORE GUNNERY RANGE		1/2 - 1 NE	56	100

STATE AND LOCAL RECORDS

SWF/LF:The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MARCIEL RANCH LANDSPREADING	JESS RANCH ROAD	1/8 - 1/4N	24	44

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

A review of the Cortese list, as provided by EDR, has revealed that there are 16 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ROBERT & EDNA CARPENTER	524 S LIVERMORE AVE	1/8 - 1/4SE	D23	43
& W DEVELOPMENT	300 WOOD	1/8 - 1/4NE	F34	58
& W DEVELOPMENT	2920 4TH ST	1/4 - 1/2NE	H45	82
UNOCAL	900 LIVERMORE AVE S	1/4 - 1/2SE	K54	96
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC BELL	2388 SECOND STREET	0 - 1/8 NNW	C17	30
MOBIL MINI MART	101 J	1/8 - 1/4WNW	22	41
LIVERMORE AGRICULTURAL OF	2418 RAILROAD	1/8 - 1/4NNW	E27	51

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LIVERMORE CITY OF	2500 RAILROAD AVE	1/8 - 1/4NNW	E28	52
LIVERMORE GERMAN AUTO	2730 OLD 1ST ST	1/8 - 1/4N	G36	59
BEACON	2620 OLD 1ST ST E	1/4 - 1/2N	G39	63
DESERT PETROLEUM BP	2008 1ST ST	1/4 - 1/2W	41	64
GROTH BROS OLDSMOBILE INC	59 SOUTH L STREET	1/4 - 1/2W	43	71
ARROW RENTALS	187 N L ST	1/4 - 1/2WNW	I49	87
LAIDLAW TRANSIT INC	2900 LADD AVE	1/4 - 1/2NNE	50	89
UNOCAL	1771 1ST ST	1/4 - 1/2W	J51	91
MILL SPRINGS PARK APARTME	1809 RAILROAD	1/4 - 1/2W	53	94

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 10/10/2005 has revealed that there are 18 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DEL VALLE CONTINUATION HIGH SC	2253 5TH ST	1/8 - 1/4SSW	19	38
SCHWEICKERT PROPERTY	515 SOUTH LIVERMORE AVE	1/8 - 1/4SE	D21	40
ROBERT & EDNA CARPENTER	524 S LIVERMORE AVE	1/8 - 1/4SE	D23	43
J & W DEVELOPMENT	330 WOOD ST	1/4 - 1/2NE	F37	61
& W DEVELOPMENT	2920 4TH ST	1/4 - 1/2NE	H45	82
UNOCAL	900 LIVERMORE AVE S	1/4 - 1/2SE	K54	96

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARCO #0498	286 SOUTH LIVERMORE AVE	0 - 1/8 W	A10	20
PACIFIC BELL	2388 SECOND STREET	0 - 1/8 NNW	C17	30
MOBIL MINI MART	101 J	1/8 - 1/4WNW	22	41
LIVERMORE CITY OF	2500 RAILROAD AVE	1/8 - 1/4NNW	E28	52
LIVERMORE GERMAN AUTO	2730 OLD 1ST ST	1/8 - 1/4N	G36	59
BEACON	2620 OLD 1ST ST E	1/4 - 1/2N	G39	63
DESERT PETROLEUM BP	2008 1ST ST	1/4 - 1/2W	41	64
GROTH BROS OLDSMOBILE INC	59 SOUTH L STREET	1/4 - 1/2W	43	71
ARROW RENTALS	187 N L ST	1/4 - 1/2WNW	I49	87
LAIDLAW TRANSIT INC	2900 LADD AVE	1/4 - 1/2NNE	50	89
UNOCAL #4186	1771 1ST ST	1/4 - 1/2W	J52	92
MILL SPRINGS PARK APARTME	1809 RAILROAD	1/4 - 1/2W	53	94

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

A review of the CS list, as provided by EDR, and dated 08/19/2005 has revealed that there are 19 CS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DEL VALLE CONTINUATION HIGH SC	2253 5TH ST	1/8 - 1/4SSW	19	38
MARIE SCHWEICKERT	515 S LIVERMORE AVE	1/8 - 1/4SE	D20	40
ROBERT & EDNA CARPENTER	524 S LIVERMORE AVE	1/8 - 1/4SE	D23	43
& W DEVELOPMENT	2920 4TH ST	1/4 - 1/2NE	H45	82

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL SVC STA #4667	900 SO LIVERMORE AVE	1/4 - 1/2SE	K55	97
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CRAIG A HUMRICHOUSE	286 S LIVERMORE AVE	0 - 1/8 W	A9	16
PACIFIC BELL	2388 SECOND STREET	0 - 1/8 NNW	C17	30
MOBIL MINI MART	101 J	1/8 - 1/4WNW	22	41
LIVERMORE CITY OF	2500 RAILROAD AVE	1/8 - 1/4NNW	E28	52
LIVERMORE GERMAN AUTO	2730 OLD 1ST ST	1/8 - 1/4N	G36	59
BEACON #719	2620 E OLD 1ST ST	1/4 - 1/2N	G38	62
DESERT PETROLEUM BP	2008 1ST ST	1/4 - 1/2W	41	64
J CLEANERS	2093 RAILROAD AVE	1/4 - 1/2WNW	42	68
GROTH BROS OLDSMOBILE INC	59 SOUTH L STREET	1/4 - 1/2W	43	71
RAILROAD AVENUE - LIVERMORE RE	1950 RAILROAD AVE	1/4 - 1/2WNW	47	86
ARROW RENTALS	187 N L ST	1/4 - 1/2WNW	I49	87
LIDLAW TRANSIT INC	2900 LADD AVE	1/4 - 1/2NNE	50	89
UNOCAL #4186	1771 1ST ST	1/4 - 1/2W	J52	92
MILL SPRINGS PARK APARTME	1809 RAILROAD	1/4 - 1/2W	53	94

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 10/10/2005 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARCO 498	286 S LIVERMORE AVE	0 - 1/8 W	A11	21
PACIFIC BELL PE016	2388 SECOND ST	0 - 1/8 NNW	C16	30

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LIVERMORE AUTO & TIRE CORP	167 S LIVERMORE AVE	0 - 1/8 WNW	B14	26
PACIFIC BELL	2388 SECOND STREET	0 - 1/8 NNW	C17	30
VEL HEATING & PLUMBING	2326 001ST ST	1/8 - 1/4WNW	25	46
LIVERMORE AGRICULTURAL OF	2418 RAILROAD	1/8 - 1/4NNW	E27	51
LIVERMORE CORPORATION YARD	2376 RAILROAD AVE	1/8 - 1/4NNW	E29	54

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 5 HIST UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CRAIG A HUMRICHOUSE	286 S LIVERMORE AVE	0 - 1/8 W	A9	16

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LIVERMORE AUTO & TIRE CORP	167 S LIVERMORE AVE	0 - 1/8 WNW B15		29
PACIFIC BELL	2388 SECOND STREET	0 - 1/8 NNW C17		30
LIVERMORE CORPORATION YARD	2376 RAILROAD AVE	1/8 - 1/4 NNW E30		56
FAST GAS	2620 E. OLD FIRST STREE	1/8 - 1/4 N 35		58

SWRCY:A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 10/03/2005 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PIT STOP AUTO REPAIR	2680 OLD FIRST ST	1/4 - 1/2 NNE	46	84

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CRAIG A HUMRICHHOUSE	286 S LIVERMORE AVE	0 - 1/8 W	A9	16
LIVERMORE AUTO & TIRE CORP	167 S LIVERMORE AVE	0 - 1/8 WNW B14		26
PACIFIC BELL	2388 SECOND STREET	0 - 1/8 NNW C17		30
VEL HEATING & PLUMBING	2326 001ST ST	1/8 - 1/4 WNW	25	46
LIVERMORE AGRICULTURAL OF	2418 RAILROAD	1/8 - 1/4 NNW	E27	51
LIVERMORE CORPORATION YARD	2376 RAILROAD AVE	1/8 - 1/4 NNW	E29	54
ISING'S CULLIGAN	2252 RAIL ROAD AVE	1/8 - 1/4 NW 32		57

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, 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>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NONE	330 WOOD	1/4 - 1/2 NE	40	64
NONE	2920 4TH	1/4 - 1/2 NE	H44	82
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ARROW RENTALS	187 NORTH L STREET	1/4 - 1/2 WNW	I48	87
MOSC, PAUL'S SPA KLE CLEANE S	1332 RAILROAD AVENUE	1/2 - 1 W	57	100

EXECUTIVE SUMMARY

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

A review of the CLEANERS list, as provided by EDR, has revealed that there are 2 CLEANERS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>PURITY CLEANERS & LAUNDRY INC</i>	<i>183 N LIVERMORE AVE</i>	<i>0 - 1/8 WNW B12</i>		<i>21</i>
<i>QUALITY CLEANERS</i>	<i>2048 FIRST ST</i>	<i>1/8 - 1/4 W</i>	<i>33</i>	<i>57</i>

EDR Proprietary Records

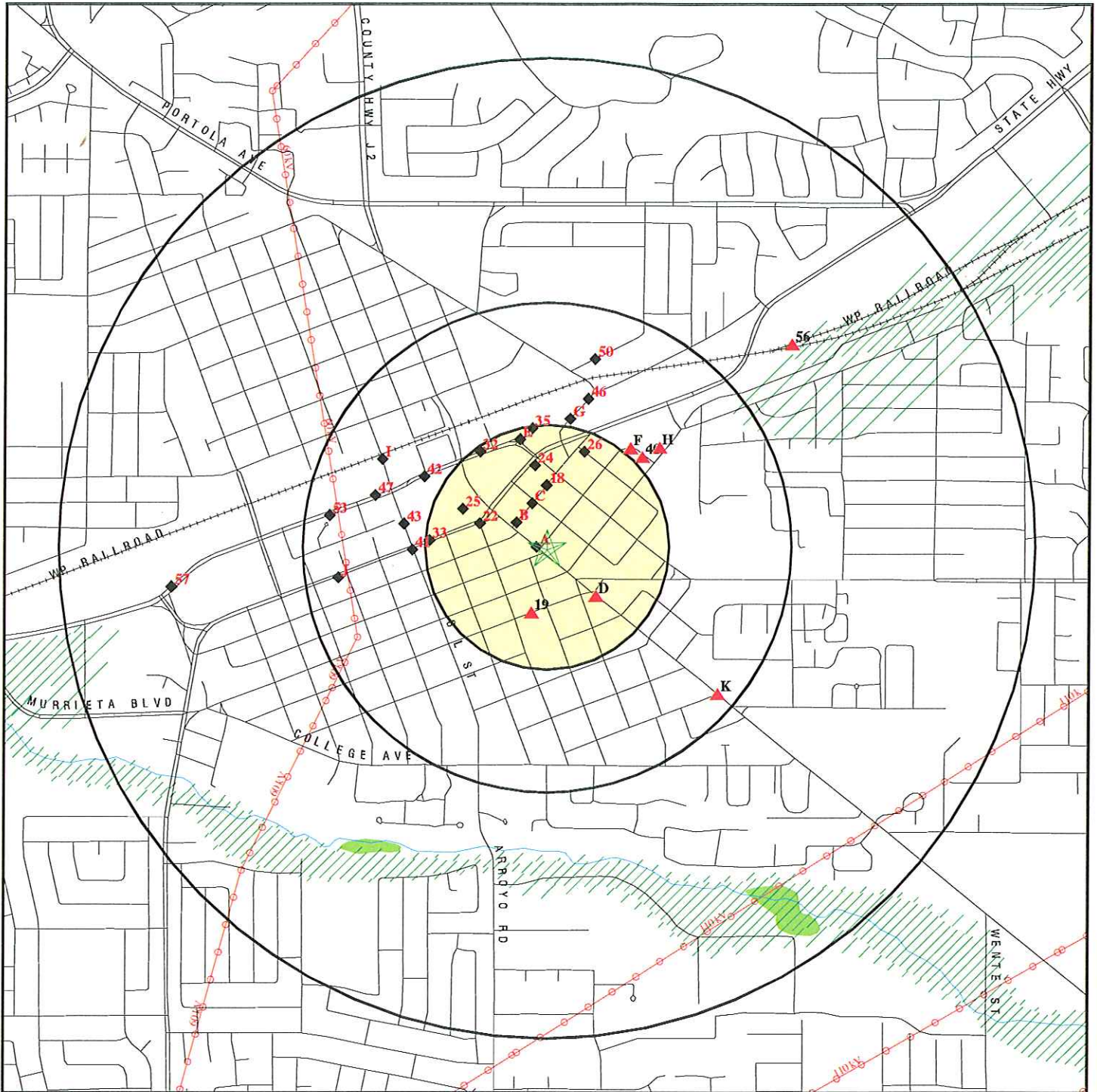
See the EDR Proprietary Historical Database Section for details

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
ALCO CORP YARD & AG COMMISION FIELD OFFICE	CS
LIVERMORE ARCADE SHOPPING CENTER	CS
LIVERMORE HONDA	CS
RYNCK TIRE	CS
NORTH K ASSOCIATES	CS
J&W DEVELOPMENT WOOD ST	CS
DOWNTOWN SHELL	LUST, Cortese, UST, INDIAN UST
SAN ANTOINE FOREST FIRE STATION	CA FID UST, SWEEPS UST
1771 FIRST ST	CHMIRS, SWEEPS UST
BEACON OIL #719	SWEEPS UST
LIVERMORE GERMAN AUTO	SWEEPS UST
SAN ANTOINE VALLEY RANCH CORP.	SWEEPS UST
LAWRENCE LIVERMORE NATIONAL LA	Cal-Sites, AWP, HIST UST
CALIFORNIA SPEED SPORTS	CLEANERS
INDUSTRIAL LAUNDRY SERVICE	CLEANERS
LIVERMORE SENIOR HOUSING	DEED, VCP
NORTH K ASSOCIATES	LUST, Cortese
76 STATION #6005	Cortese
HELMICK RESIDENCE	HAZNET, LUST, Cortese
PG&E GAS PLANT LIVERMORE	CERC-NFRAP
CALIFORNIA WATER SERV WELL #10-01	CERC-NFRAP
LAWRENCE LIVERMORE LAB DOE	LUST
SHELL #13-5441	LUST
LIVERMORE HONDA	LUST
CHEVRON	LUST
CHEVRON STATION #91924	UST
SAN ANTOINE FOREST FIRE STATION	HIST UST
SANDIA NATIONAL LABORATORIES	HIST UST
CLARKS AUTOMOTIVE SERVICE	HAZNET
CALIFORNIA WATER SERVICE COMPANY	HAZNET
RETAIL SHELL SERVICE STATION	FINDS, HAZNET
CALIFORNIA WATER SERVICE COMPANY	HAZNET
CHEVRON STATION 91924	RCRA-SQG, FINDS

OVERVIEW MAP - 1583180.2s

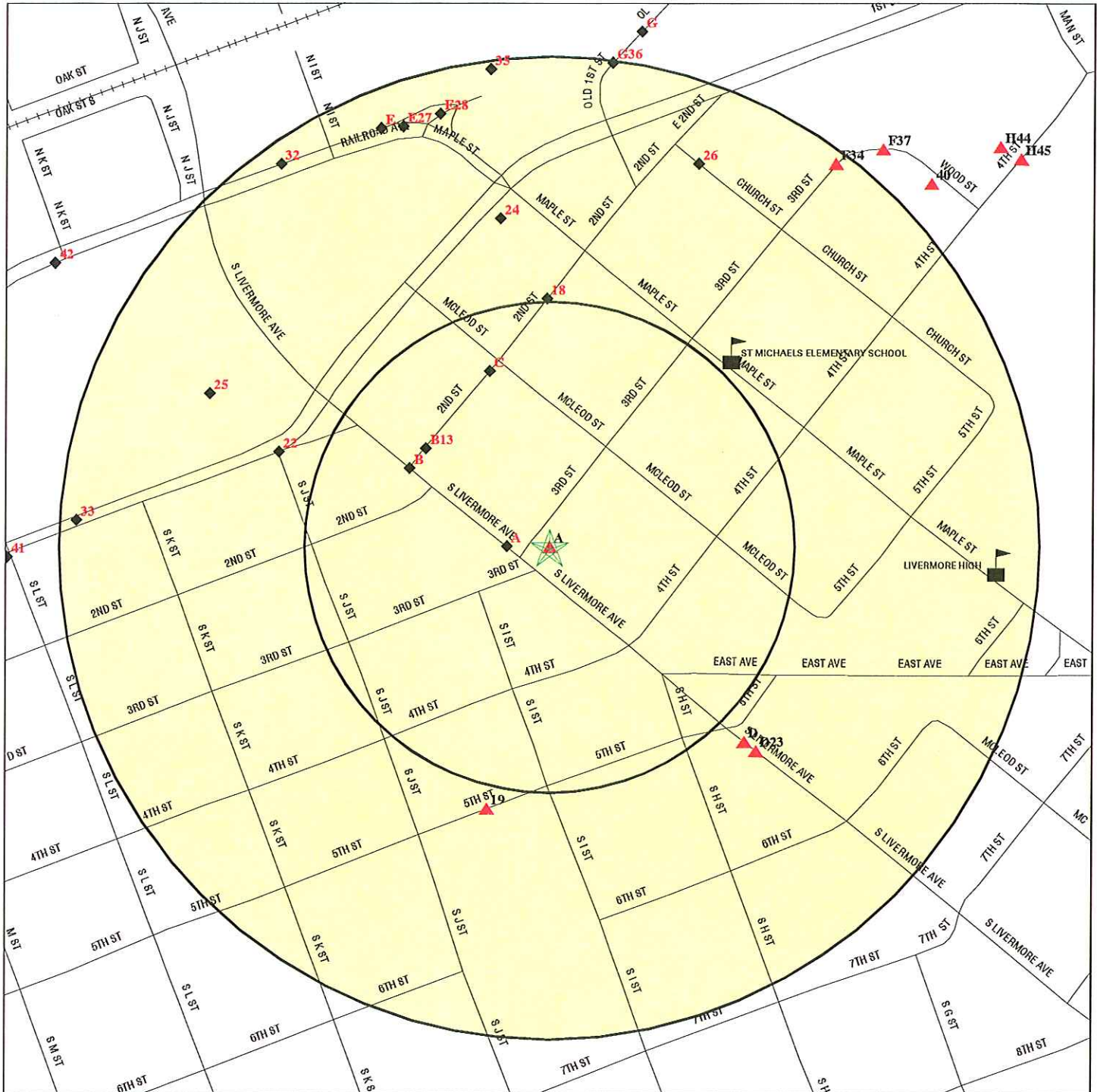


- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern

SITE NAME: Former Shell Service Station
 ADDRESS: 318 S. Livermore Avenue
 CITY/STATE: Livermore CA
 ZIP: 94550

CLIENT: Delta Env. Consultants, Inc.
 CONTACT: Debbie Arnold
 INQUIRY #: 1583180.2s
 DATE: December 29, 2005

DETAIL MAP - 1583180.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- 🛢 Historical Gas Stations / Historical Dry Cleaners
See the EDR Proprietary Historical Map Findings
- 🏠 Sensitive Receptors
- 🚒 National Priority List Sites
- 🗑 Landfill Sites
- 🏢 Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

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CLIENT: Delta Env. Consultants, Inc.
 CONTACT: Debbie Arnold
 INQUIRY #: 1583180.2s
 DATE: December 29, 2005

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
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.	X	0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	2	4	NR	NR	NR	6
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	1	NR	1
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
State Landfill		0.500	0	1	0	NR	NR	1
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese		0.500	1	6	9	NR	NR	16
LUST	X	0.500	2	6	10	NR	NR	18
SLIC		0.500	0	0	0	NR	NR	0
CS	X	0.500	2	6	11	NR	NR	19

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST		0.250	2	0	NR	NR	NR	2
CA FID UST		0.250	2	3	NR	NR	NR	5
HIST UST	X	0.250	3	2	NR	NR	NR	5
AST		0.250	0	0	NR	NR	NR	0
SWRCY		0.500	0	0	1	NR	NR	1
SWEEPS UST	X	0.250	3	4	NR	NR	NR	7
CHMIRS	X	TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	3	1	NR	4
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
CLEANERS		0.250	1	1	NR	NR	NR	2
WIP		0.250	0	0	NR	NR	NR	0
HAZNET	X	TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0

TRIBAL RECORDS

INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0

EDR PROPRIETARY RECORDS

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
Gas Stations/Dry Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

A1 **SHELL**
Target **318 LIVERMORE AVE S**
Property **LIVERMORE, CA 94550**

Database(s) EDR ID Number
EPA ID Number

LUST **S107138602**
 N/A

Actual:
498 ft.

Site 1 of 11 in cluster A

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1354
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Soil only
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Review Date: Not reported Confirm Leak: Not reported
Workplan: 2/18/1990 Prelim Assess: 2/18/1990
Pollution Char: Not reported Remed Plan: Not reported

Remed Action: Not reported
Monitoring: Not reported
Close Date: 9/29/1995
Release Date: 12/14/1989
Cleanup Fund Id : Not reported
Discover Date : 12/14/1989
Enforcement Dt : 4/27/1992
Enf Type: EF
Enter Date : 8/30/1989
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 1976
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 8/7/1996
Stop Date : 12/14/1989
Work Suspended : No
Responsible Party BLANK RP
RP Address: Not reported
Global id: T0600101249
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SHELL (Continued)

EDR ID Number
EPA ID Number

S107138602

MTBE Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : ARCHIVED 6/6/96 CONTROL NO 120-088 SRC 0904738

A2 SHELL #13-5440
Target 318 S. LIVERMORE AVE.
Property LIVERMORE, CA 94550

LUST S106717387
N/A

Site 2 of 11 in cluster A

Actual:
498 ft.

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: Not reported
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Drinking Water Aquifer affected
Status: Leak being confirmed
Review Date: 9/9/9999
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 3/29/2004
Cleanup Fund Id : Not reported
Discover Date : 1/1/2004
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: LOPF
Staff Initials: JTW
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : RO0002525
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : Not reported
Work Suspended Not reported

Confirm Leak: 9/9/9999
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SHELL #13-5440 (Continued)

S106717387

Responsible Party: KAREN PETRYNA
RP Address: P.O. BOX 7869
Global Id: T0600156427
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

A3

Target 318 SOUTH LIVERMORE AVENUE
Property LIVERMORE, CA 94550

CHMIRS S100278024
N/A

Site 3 of 11 in cluster A

Actual:
498 ft.

CHMIRS:
OES Control Number: 9118558
Chemical Name: Not reported
Extent of Release: Not reported
Property Use: Mercantile, Business
Incident Date: 15-AUG-91
Date Completed: 15-AUG-91
Time Completed : 1236
Agency Id Number : 1065
Agency Incident Number : UNKNOWN
OES Incident Number : 9118558
Time Notified : 1211
Surrounding Area : 500
Estimated Temperature : 85
Property Management : P
More Than Two Substances Involved? : Not reported
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personnel # Of Injuries : 0
Responding Agency Personnel # Of Fatalities : 0
Resp Agency Personnel # Of Decontaminated : 0
Others Number Of Decontaminated : 0
Others Number Of Injuries : 0
Others Number Of Fatalities : 0
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : STEVEN DICK
Report Date : 15-AUG-91
Comments : Yes
Facility Telephone Number : 415 373-5450
Waterway Involved : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S100278024

Waterway :	Not reported
Spill Site :	Not reported
Cleanup By :	Not reported
Containment :	Not reported
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	Not reported
Evacuations :	Not reported
True date :	Not reported
Year :	88-92
Agency :	Not reported
BBLS :	Not reported
Cups :	Not reported
CUFT :	Not reported
Gallons :	Not reported
Grams :	Not reported
Pounds :	Not reported
Liters :	Not reported
Ounces :	Not reported
Pints :	Not reported
Quarts :	Not reported
Sheen :	Not reported
Tons :	Not reported
Unknown :	Not reported
Description :	Not reported
Incident date :	Not reported
Admin Agency :	Not reported
OES date :	Not reported
OES time :	Not reported
Amount :	Not reported

A4 EQUILON ENTERPRISES LLC
Target 318 S LIVERMORE
Property LIVERMORE, CA 94550

HAZNET S103652320
N/A

Site 4 of 11 in cluster A

Actual:
498 ft.

HAZNET:
Gepaid: CAD981403058
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: Los Angeles
Tons: 0.01
Facility Address 2: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: S BIENVENU RESIDUAL DISPOSAL
Telephone: (713) 241-2258
Mailing Name: Not reported
Mailing Address: PO BOX 2099
 HOUSTON, TX 77252 - 2099
County Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EQUILON ENTERPRISES LLC (Continued)

S103652320

Gepaid: CAD981403058
TSD EPA ID: CAD093459485
Gen County: 1
Tsd County: Fresno
Tons: .0832
Facility Address 2: Not reported
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: EQUILON ENTERPRISES LLC
Telephone: (713) 241-2258
Mailing Name: Not reported
Mailing Address: PO BOX 4453
HOUSTON, TX 77252 - 2099

County 1

Gepaid: CAD981403058
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: .1042
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: EQUILON ENTERPRISES LLC
Telephone: (713) 241-2258
Mailing Name: Not reported
Mailing Address: PO BOX 4453
HOUSTON, TX 77252 - 2099

County 1

Gepaid: CAD981403058
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: .4170
Facility Address 2: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: EQUILON ENTERPRISES LLC
Telephone: (713) 241-2258
Mailing Name: Not reported
Mailing Address: PO BOX 4453
HOUSTON, TX 77252 - 2099

County 1

Gepaid: CAD981403058
TSD EPA ID: CAD093459485
Gen County: 1
Tsd County: Fresno
Tons: .1040
Facility Address 2: Not reported
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: EQUILON ENTERPRISES LLC
Telephone: (713) 241-2258
Mailing Name: Not reported
Mailing Address: PO BOX 4453
HOUSTON, TX 77252 - 2099

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EQUILON ENTERPRISES LLC (Continued)

EDR ID Number
EPA ID Number

Database(s)

County 1

S103652320

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

A5 FRANK WYOO
Target 318 S LIVERMORE AVE
Property LIVERMORE, CA 94550

HAZNET U001597307
HIST UST N/A
CS
SWEEPS UST

Site 5 of 11 in cluster A

Actual:
498 ft.

Alameda County Contaminated Sites:

Record Id : RO0002525
PE : 5602
Status : Pollution Characterization

Record Id : RO0000769
PE : 5602
Status : Case Closed

HAZNET:

Gepaid: CAL000019619
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: Alameda
Tons: 0.21
Facility Address 2: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: HAN PHAM PRESIDENT
Telephone: (925) 447-9097
Mailing Name: Not reported
Mailing Address: 318 S LIVERMORE AVE
LIVERMORE, CA 94550
County Not reported

UST HIST:

Facility ID: 19751
Total Tanks: 5
Owner Address: P.O. BOX 4848
ANAHEIM, CA 92803
Tank Used for: WASTE
Tank Num: 1
Tank Capacity: 00000550
Type of Fuel: WASTE OIL
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Owner Name: SHELL OIL COMPANY
Region: STATE

Container Num: 1
Year Installed: 1965
Tank Construction: 12 gauge

Telephone: (415) 477-9097
Other Type: Not reported

Facility ID: 19751
Total Tanks: 5
Owner Address: P.O. BOX 4848
ANAHEIM, CA 92803

Owner Name: SHELL OIL COMPANY
Region: STATE

Tank Used for: PRODUCT
Tank Num: 2
Tank Capacity: 00008000
Type of Fuel: PREMIUM
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Container Num: 2
Year Installed: 1965
Tank Construction: 1/4 inches

Telephone: (415) 477-9097
Other Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FRANK WYOO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001597307

Facility ID: 19751
Total Tanks: 5
Owner Address: P.O. BOX 4848
ANAHEIM, CA 92803
Tank Used for: PRODUCT
Tank Num: 3
Tank Capacity: 00005000
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Owner Name: SHELL OIL COMPANY
Region: STATE

Container Num: 3
Year Installed: 1965
Tank Construction: 1/4 inches

Telephone: (415) 477-9097
Other Type: Not reported

Facility ID: 19751
Total Tanks: 5
Owner Address: P.O. BOX 4848
ANAHEIM, CA 92803
Tank Used for: PRODUCT
Tank Num: 4
Tank Capacity: 00005000
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Owner Name: SHELL OIL COMPANY
Region: STATE

Container Num: 4
Year Installed: 1965
Tank Construction: 1/4 inches

Telephone: (415) 477-9097
Other Type: Not reported

Facility ID: 19751
Total Tanks: 5
Owner Address: P.O. BOX 4848
ANAHEIM, CA 92803
Tank Used for: PRODUCT
Tank Num: 5
Tank Capacity: 00008000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Owner Name: SHELL OIL COMPANY
Region: STATE

Container Num: 5
Year Installed: 1970
Tank Construction: 1/4 inches

Telephone: (415) 477-9097
Other Type: Not reported

SWEEPS:

Status : A
Comp Number : 19751
Number : 2
Board Of Equalization : 44-000074
Ref Date : 03-08-93
Act Date : 11-17-93
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 1
Swrcb Tank Id : 01-000-019751-000001
Actv Date : 03-08-93
Capacity : 600
Tank Use : OIL
Stg : W
Content : WASTE OIL
Number Of Tanks : 4

Status : A
Comp Number : 19751
Number : 2

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FRANK WYOO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001597307

Board Of Equalization : 44-000074
Ref Date : 03-08-93
Act Date : 11-17-93
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 4380-0303-SU-1
Swrcb Tank Id : 01-000-019751-000002
Actv Date : 03-08-93
Capacity : 12000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 19751
Number : 2
Board Of Equalization : 44-000074
Ref Date : 03-08-93
Act Date : 11-17-93
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 4380-03030REG1
Swrcb Tank Id : 01-000-019751-000003
Actv Date : 03-08-93
Capacity : 12000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 19751
Number : 2
Board Of Equalization : 44-000074
Ref Date : 03-08-93
Act Date : 11-17-93
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 4380-0303-RU-1
Swrcb Tank Id : 01-000-019751-000005
Actv Date : 03-08-93
Capacity : 12000
Tank Use : M.V. FUEL
Stg : P
Content : PRM UNLEADED
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 19751
Number : Not reported
Board Of Equalization : 44-000074
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FRANK WYOO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001597307

Swrcb Tank Id : 01-000-019751-000004
Actv Date : Not reported
Capacity : 5000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : LEADED
Number Of Tanks : 1

A6 SHELL
Target 318 LIVERMORE AVE S
Property LIVERMORE, CA 94550

LUST S106610960
N/A

Site 6 of 11 in cluster A

Actual:
498 ft.

LUST Region 2:
Region: 2
Case Number: 1976
Facility Id: 01-1354
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: 2/27/1989
Preliminary Site Assessment Began: 2/18/1990
Pollution Characterization Began: 11/6/1992
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

A7 SHELL SERVICE STATION
Target 318 S. LIVERMORE
Property LIVERMORE, CA 94550

RCRA-LQG 1000288706
CAD981403058

Site 7 of 11 in cluster A

Actual:
498 ft.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981403058
Contact: Not reported
Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	13340.00	D018	13340.00

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SHELL SERVICE STATION (Continued)

EDR ID Number
EPA ID Number

1000288706

Violation Status: No violations found

A8 **EQUILON ENTERPRISES LLC**
Target **318 S LIVERMORE**
Property **LIVERMORE, CA 94550**

FINDS 1008153080
HAZNET 110018989638

Site 8 of 11 in cluster A

Actual:
498 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

HAZARDOUS WASTE TRACKING SYSTEM-DATAMART

RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:

Gepaid: CAD981403058
TSD EPA ID: CAD009466392
Gen County: Alameda
Tsd County: Alameda
Tons: 36.13
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Contact: N CORTEZ/ENVT'L DATA ANALYST
Telephone: (281) 874-2224
Mailing Name: RESIDUAL DISPOSAL COORD
Mailing Address: 12700 NORTHBOROUGH DR MFT 240-G
 HOUSTON, TX 77067 - 2508

County 1

Gepaid: CAD981403058
TSD EPA ID: CAD009466392
Gen County: Alameda
Tsd County: Alameda
Tons: 5
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: N CORTEZ/ENVT'L DATA ANALYST
Telephone: (281) 874-2224
Mailing Name: RESIDUAL DISPOSAL COORD
Mailing Address: 12700 NORTHBOROUGH DR MFT 240-G
 HOUSTON, TX 77067 - 2508

County 1

Gepaid: CAD981403058
TSD EPA ID: CAD009452657
Gen County: Alameda
Tsd County: Alameda
Tons: 6.67
Facility Address 2: Not reported
Waste Category: Recycler
Disposal Method: Recycler
Contact: N CORTEZ/ENVT'L DATA ANALYST
Telephone: (281) 874-2224
Mailing Name: RESIDUAL DISPOSAL COORD
Mailing Address: 12700 NORTHBOROUGH DR MFT 240-G
 HOUSTON, TX 77067 - 2508

County 1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

A9
West
< 1/8
115 ft.

CRAIG A HUMRICHOUSE
286 S LIVERMORE AVE
LIVERMORE, CA 94550

HAZNET
HIST UST
CS
SWEEPS UST

U001597291
N/A

Site 9 of 11 in cluster A

Relative:
Lower

Alameda County Contaminated Sites:

Actual:
497 ft.

Record Id : RO0002873
PE : 5602
Status : Leak being confirmed

HAZNET:

Gepaid: CAL000226027
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: Los Angeles
Tons: 0.20
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: JACK OMAN
Telephone: (714) 670-5402
Mailing Name: Not reported
Mailing Address: PO BOX 6038
ARTESIA, CA 90702 - 6038
County: Not reported

Gepaid: CAL000226027
TSD EPA ID: CAT080013352
Gen County: Alameda
Tsd County: Alameda
Tons: 0.06
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: JACK OMAN WASTE SPECIALIST
Telephone: (714) 670-3958
Mailing Name: Not reported
Mailing Address: PO BOX 80249
RCHO STA MARG, CA 92688
County: 1

Gepaid: CAL000226027
TSD EPA ID: CAT080013352
Gen County: Alameda
Tsd County: Alameda
Tons: 0.2
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: JACK OMAN WASTE SPECIALIST
Telephone: (714) 670-3958
Mailing Name: Not reported
Mailing Address: PO BOX 80249
RCHO STA MARG, CA 92688
County: 1

UST HIST:

Facility ID: 26930
Total Tanks: 6
Owner Address: 515 SOUTH FLOWER STREET

Owner Name: ARCO PETROLEUM PRODUCTS CO.
Region: STATE

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CRAIG A HUMRICHOUSE (Continued)

U001597291

Tank Used for: LOS ANGELES, CA 90071
PRODUCT
Tank Num: 1
Tank Capacity: 00004000
Type of Fuel: 06
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Container Num: 0000000001
Year Installed: 1958
Tank Construction: 0000167 inches
Telephone: (000) 000-0000
Other Type: Not reported

Facility ID: 26930
Total Tanks: 6
Owner Address: 515 SOUTH FLOWER STREET
LOS ANGELES, CA 90071

Owner Name: ARCO PETROLEUM PRODUCTS CO.
Region: STATE

Tank Used for: PRODUCT
Tank Num: 2
Tank Capacity: 00004000
Type of Fuel: 06
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Container Num: 0000000002
Year Installed: 1958
Tank Construction: 0000167 inches
Telephone: (000) 000-0000
Other Type: Not reported

Facility ID: 26930
Total Tanks: 6
Owner Address: 515 SOUTH FLOWER STREET
LOS ANGELES, CA 90071

Owner Name: ARCO PETROLEUM PRODUCTS CO.
Region: STATE

Tank Used for: PRODUCT
Tank Num: 3
Tank Capacity: 00006000
Type of Fuel: 06
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Container Num: 0000000003
Year Installed: 1977
Tank Construction: Not Reported
Telephone: (000) 000-0000
Other Type: Not reported

Facility ID: 26930
Total Tanks: 6
Owner Address: 515 SOUTH FLOWER STREET
LOS ANGELES, CA 90071

Owner Name: ARCO PETROLEUM PRODUCTS CO.
Region: STATE

Tank Used for: PRODUCT
Tank Num: 4
Tank Capacity: 00006000
Type of Fuel: 06
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Container Num: 0000000004
Year Installed: 1977
Tank Construction: Not Reported
Telephone: (000) 000-0000
Other Type: Not reported

Facility ID: 26930
Total Tanks: 6
Owner Address: 515 SOUTH FLOWER STREET
LOS ANGELES, CA 90071

Owner Name: ARCO PETROLEUM PRODUCTS CO.
Region: STATE

Tank Used for: PRODUCT
Tank Num: 5
Tank Capacity: 00008000
Type of Fuel: 06
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Container Num: 0000000005
Year Installed: 1979
Tank Construction: Not Reported
Telephone: (000) 000-0000
Other Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CRAIG A HUMRICHOUSE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001597291

Facility ID: 26930
Total Tanks: 6
Owner Address: 515 SOUTH FLOWER STREET
LOS ANGELES, CA 90071
Tank Used for: PRODUCT
Tank Num: 6
Tank Capacity: 00000120
Type of Fuel: WASTE OIL
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Gas Station

Owner Name: ARCO PETROLEUM PRODUCTS CO.
Region: STATE

Container Num: 0000000006
Year Installed: 1958
Tank Construction: 0000093 inches

Telephone: (000) 000-0000
Other Type: Not reported

SWEEPS:

Status : A
Comp Number : 26930
Number : 1
Board Of Equalization : 44-000506
Ref Date : 05-21-92
Act Date : 05-21-92
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 2-UNL-R
Swrcb Tank Id : 01-000-026930-000001
Actv Date : 05-21-92
Capacity : 12000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : 6

Status : A
Comp Number : 26930
Number : 1
Board Of Equalization : 44-000506
Ref Date : 05-21-92
Act Date : 05-21-92
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 1-UNL-R
Swrcb Tank Id : 01-000-026930-000002
Actv Date : 05-21-92
Capacity : 12000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 26930
Number : 1
Board Of Equalization : 44-000506
Ref Date : 05-21-92
Act Date : 05-21-92
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 3-UNL-P
Swrcb Tank Id : 01-000-026930-000003

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CRAIG A HUMRICHOUSE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001597291

Actv Date : 05-21-92
Capacity : 12000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 26930
Number : 1
Board Of Equalization : 44-000506
Ref Date : 05-21-92
Act Date : 05-21-92
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 4
Swrcb Tank Id : 01-000-026930-000004
Actv Date : 07-01-85
Capacity : 6000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 26930
Number : 1
Board Of Equalization : 44-000506
Ref Date : 05-21-92
Act Date : 05-21-92
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 5
Swrcb Tank Id : 01-000-026930-000005
Actv Date : 07-01-85
Capacity : 8000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 26930
Number : 1
Board Of Equalization : 44-000506
Ref Date : 05-21-92
Act Date : 05-21-92
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 6
Swrcb Tank Id : 01-000-026930-000006
Actv Date : 07-01-85
Capacity : 120
Tank Use : OIL
Stg : W
Content : WASTE OIL
Number Of Tanks : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

A10 ARCO #0498
West 286 SOUTH LIVERMORE AVENUE
< 1/8 LIVERMORE, CA 94550
115 ft.

LUST S107138378
N/A

Site 10 of 11 in cluster A

Relative:
Lower

State LUST:

Actual:
497 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: Not reported
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Undefined
Status: Leak being confirmed
Review Date: 7/28/2005
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 2/15/2005
Cleanup Fund Id : Not reported
Discover Date : 1/19/2005
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: LOPF
Staff Initials: JTW
How Discovered: UM
How Stopped: RPP
Interim : Not reported
Leak Cause: UNK
Leak Source: D
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : RO0002873
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : Not reported
Work Suspended: Not reported
Responsible Party: PAUL SUPPLE
RP Address: PO BOX 6549
Global Id: T0600124081
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtlbe Fuel: 1
Water System Name: Not reported

Confirm Leak: 7/28/2005
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARCO #0498 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S107138378

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

A11 ARCO 498
West 286 S LIVERMORE AVE
< 1/8 LIVERMORE, CA 94550
115 ft.

UST U003776597
N/A

Site 11 of 11 in cluster A

Relative:
Lower

State UST:
Facility ID: 01-006-050005
Total Tanks: 1
Region: STATE
Local Agency: 1006

Actual:
497 ft.

B12 PURITY CLEANERS & LAUNDRY INC
WNW 183 N LIVERMORE AVE
< 1/8 LIVERMORE, CA 94550
411 ft.

HAZNET S103637462
CLEANERS N/A
EMI

Site 1 of 4 in cluster B

Relative:
Lower

CA Cleaners:
Inactive Date: 6/30/2002
EPA Id: CAD981695133
Facility Address 2 : Not reported
NAICS Code : Not reported
Facility Active : No
Mail Name : Not reported
Mailing Address: 183 N LIVERMORE AVE
LIVERMORE, CA 94550
Owner Name : PURITY CLEANERS & LAUNDRY INC
Mailing Address: 183 N LIVERMORE AVE
LIVERMORE, CA 94550
Owner Telephone : 9254476267
Contact Name : ROGER A DE SOUSA
Mailing Address: 183 N LIVERMORE AVE
LIVERMORE, CA 94550
Contact Telephone : 9254476267
Region Code : 2
Create Date : 04/10/1987
SIC Description : Not reported
NAICS Description : Not reported

Actual:
494 ft.

HAZNET:

Gepaid: CAD981695133
TSD EPA ID: CAD053044053
Gen County: 1
Tsd County: 1
Tons: .0000
Facility Address 2: Not reported
Waste Category:
Disposal Method: Not reported
Contact: DE SOUSA FAMILY
Telephone: (510) 447-6267
Mailing Name: Not reported
Mailing Address: 183 N LIVERMORE AVE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PURITY CLEANERS & LAUNDRY INC (Continued)

S103637462

LIVERMORE, CA 94550 - 3158

County 1
Gepaid: CAD981695133
TSD EPA ID: CAD053044053
Gen County: 1
Tsd County: 1
Tons: 1.2825
Facility Address 2: Not reported
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: DE SOUSA FAMILY
Telephone: (510) 447-6267
Mailing Name: Not reported
Mailing Address: 183 N LIVERMORE AVE

LIVERMORE, CA 94550 - 3158

County 1
Gepaid: CAD981695133
TSD EPA ID: CAD053044053
Gen County: 1
Tsd County: 1
Tons: .0900
Facility Address 2: Not reported
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Not reported
Contact: DE SOUSA FAMILY
Telephone: (510) 447-6267
Mailing Name: Not reported
Mailing Address: 183 N LIVERMORE AVE

LIVERMORE, CA 94550 - 3158

County 1
Gepaid: CAD981695133
TSD EPA ID: CAD053044053
Gen County: 1
Tsd County: 1
Tons: .9375
Facility Address 2: Not reported
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: DE SOUSA FAMILY
Telephone: (510) 447-6267
Mailing Name: Not reported
Mailing Address: 183 N LIVERMORE AVE

LIVERMORE, CA 94550 - 3158

County 1
Gepaid: CAD981695133
TSD EPA ID: CA0000084517
Gen County: 1
Tsd County: Sacramento
Tons: 1.4325
Facility Address 2: Not reported
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: DE SOUSA FAMILY
Telephone: (510) 447-6267
Mailing Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PURITY CLEANERS & LAUNDRY INC (Continued)

S103637462

Mailing Address: 183 N LIVERMORE AVE
LIVERMORE, CA 94550 - 3158
County 1

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

EMISSIONS :

Year : 1995
Facility ID : 4716
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr: 0

Year : 1996
Facility ID : 4716
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr: 0

Year : 1997
Facility ID : 4716
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PURITY CLEANERS & LAUNDRY INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103637462

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1998
Facility ID : 4716
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1999
Facility ID : 4716
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2000
Facility ID : 4716
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PURITY CLEANERS & LAUNDRY INC (Continued)

S103637462

Year : 2001
Facility ID : 4716
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2002
Facility ID : 4716
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2003
Facility ID : 4716
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

B13
NW
< 1/8
426 ft.

PACIFIC BELL
2324 SECOND STREET
LIVERMORE, CA 94550

RCRA-SQG
FINDS
1000251202
CAT080020357

Site 2 of 4 in cluster B

Relative:
Lower

RCRAInfo:

Owner: NOT REQUIRED
(415) 555-1212

Actual:
494 ft.

EPA ID: CAT080020357

Contact: Not reported

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

B14
WNW
< 1/8
432 ft.

LIVERMORE AUTO & TIRE CORP
167 S LIVERMORE AVE
LIVERMORE, CA 94550

HAZNET
CA FID UST
SWEEPS UST
S101623807
N/A

Site 3 of 4 in cluster B

Relative:
Lower

HAZNET:

Gepaid: CAL000022149

Actual:
494 ft.

TSD EPA ID: CAD980887418

Gen County: 1

Tsd County: 1

Tons: .6672

Facility Address 2: Not reported

Waste Category: Aqueous solution with less than 10% total organic residues

Disposal Method: Not reported

Contact: CASALI MEL-OWNER

Telephone: (415) 447-7281

Mailing Name: Not reported

Mailing Address: 167 S LIVERMORE AVE
LIVERMORE, CA 94550 - 4649

County: 1

Gepaid: CAL000022149

TSD EPA ID: Not reported

Gen County: Alameda

Tsd County: Santa Clara

Tons: 0.25

Facility Address 2: Not reported

Waste Category: Unspecified oil-containing waste

Disposal Method: Transfer Station

Contact: MEL CASALI

Telephone: (415) 447-7281

Mailing Name: Not reported

Mailing Address: 167 S LIVERMORE AVE
LIVERMORE, CA 94550 - 4649

County: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LIVERMORE AUTO & TIRE CORP (Continued)

S101623807

Gepaid: CAL000022149
TSD EPA ID: CAD059494310
Gen County: 1
Tsd County: Santa Clara
Tons: 0.25
Facility Address 2: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: CASALI MEL-OWNER
Telephone: (415) 447-7281
Mailing Name: Not reported
Mailing Address: 167 S LIVERMORE AVE
LIVERMORE, CA 94550 - 4649

County 1

Gepaid: CAL000022149
TSD EPA ID: CAD980887418
Gen County: 1
Tsd County: 1
Tons: .3336
Facility Address 2: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: CASALI MEL-OWNER
Telephone: (415) 447-7281
Mailing Name: Not reported
Mailing Address: 167 S LIVERMORE AVE
LIVERMORE, CA 94550 - 4649

County 1

Gepaid: CAL000022149
TSD EPA ID: CAD059494310
Gen County: 1
Tsd County: Santa Clara
Tons: .2500
Facility Address 2: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Other
Contact: CASALI MEL-OWNER
Telephone: (415) 447-7281
Mailing Name: Not reported
Mailing Address: 167 S LIVERMORE AVE
LIVERMORE, CA 94550 - 4649

County 1

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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LIVERMORE AUTO & TIRE CORP (Continued)

S101623807

FID:

Facility ID:	01002786	Regulate ID:	00060104
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 447-7281
Mail To:	Not reported		
	167 S LIVERMORE AVE		
	LIVERMORE, CA 94550		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

SWEEPS:

Status : A
Comp Number : 60104
Number : 9
Board Of Equalization : 44-000613
Ref Date : 07-01-85
Act Date : Not reported
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 1
Swrcb Tank Id : 01-000-060104-000001
Actv Date : 07-01-85
Capacity : Not reported
Tank Use : EMPTY
Stg : P
Content : EMPTY
Number Of Tanks : 3

Status : A
Comp Number : 60104
Number : 9
Board Of Equalization : 44-000613
Ref Date : 07-01-85
Act Date : Not reported
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 2
Swrcb Tank Id : 01-000-060104-000002
Actv Date : 07-01-85
Capacity : Not reported
Tank Use : EMPTY
Stg : P
Content : EMPTY
Number Of Tanks : Not reported

Status : A
Comp Number : 60104
Number : 9
Board Of Equalization : 44-000613
Ref Date : 07-01-85
Act Date : Not reported
Created Date : 02-29-88
Tank Status : A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LIVERMORE AUTO & TIRE CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101623807

Owner Tank Id : 3
Swrcb Tank Id : 01-000-060104-000003
Actv Date : 07-01-85
Capacity : Not reported
Tank Use : EMPTY
Stg : P
Content : EMPTY
Number Of Tanks : Not reported

B15 LIVERMORE AUTO & TIRE CORP
WNW 167 S LIVERMORE AVE
< 1/8 LIVERMORE, CA 94550
432 ft.

HIST UST U001597331
N/A

Site 4 of 4 in cluster B

Relative:
Lower

UST HIST:

Actual:
494 ft.

Facility ID: 60104
Total Tanks: 0
Owner Address: 167 SO. LIVERMORE AVE
LIVERMORE, A. 4550
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 00000000
Type of Fuel: 06
Leak Detection: Visual, Stock Inventor
Contact Name: MEL CASALI
Facility Type: Gas Station

Owner Name: LIVERMORE AUTO & TIRE CORP
Region: STATE

Container Num: 1
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 447-7281
Other Type: GARAGE

Facility ID: 60104
Total Tanks: 0
Owner Address: 167 SO. LIVERMORE AVE
LIVERMORE, A. 4550
Tank Used for: PRODUCT
Tank Num: 2
Tank Capacity: 00000000
Type of Fuel: 06
Leak Detection: Visual, Stock Inventor
Contact Name: MEL CASALI
Facility Type: Gas Station

Owner Name: LIVERMORE AUTO & TIRE CORP
Region: STATE

Container Num: 2
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 447-7281
Other Type: GARAGE

Facility ID: 60104
Total Tanks: 0
Owner Address: 167 SO. LIVERMORE AVE
LIVERMORE, A. 4550
Tank Used for: PRODUCT
Tank Num: 3
Tank Capacity: 00000000
Type of Fuel: 06
Leak Detection: Visual, Stock Inventor
Contact Name: MEL CASALI
Facility Type: Gas Station

Owner Name: LIVERMORE AUTO & TIRE CORP
Region: STATE

Container Num: 3
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 447-7281
Other Type: GARAGE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

C16
NNW
< 1/8
499 ft.

PACIFIC BELL PE016
2388 SECOND ST
LIVERMORE, CA 94550

UST
U003776452
N/A

Site 1 of 2 in cluster C

Relative:
Lower

State UST:
Facility ID: 01-000-057527
Total Tanks: 1
Region: STATE
Local Agency: 1000

Actual:
494 ft.

C17
NNW
< 1/8
501 ft.

PACIFIC BELL
2388 SECOND STREET
LIVERMORE, CA 94550

RCRA-SQG 1000251203
FINDS CAT080020365
HAZNET
LUST
Cortese
CA FID UST
HIST UST
CS
SWEEPS UST

Site 2 of 2 in cluster C

Relative:
Lower

Actual:
494 ft.

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT080020365
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: Jan-30
Reg Board: 2
Chemical: Diesel
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Soil only
Status: Case Closed
Review Date: 1/26/1996
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2/6/1996
Release Date: 11/3/1991
Cleanup Fund Id : Not reported
Discover Date : 10/21/1994
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 3/20/1995
Funding: Federal Funds

Confirm Leak: 1/26/1996
Prelim Assess: Not reported
Remed Plan: Not reported

MAP FINDINGS

EDR ID Number

EPA ID Number

1000251203

Water System Name: Not reported

Well Name:	Not reported
------------	--------------

Distance To Lust: 0

Waste Discharge Global ID: Not reported

Waste Disch Assigned Name: Not reported

Summary : WAS 01NCY0290. REQ CASE CLOSURE 1/26/96; CASE CLOSED!!

Region:	2
Case Number:	3708
Facility Id:	01-2130
Facility Status:	Case Closed
How Discovered:	OM
Leak Cause:	UNK
Leak Source:	UNK
Oversight Program:	LUST
Date Leak Confirmed:	1/26/1996
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 Remediation Action Underway:	Not reported

Record Id : RO0000684
PE : 5602
Status : Case Closed

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000251203

HAZNET:

Gepaid: CAT080020365
TSD EPA ID: CAL000027741
Gen County: 1
Tsd County: 5
Tons: 6.7424
Facility Address 2: Not reported
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Name: Not reported
Mailing Address: RM 3E000
SAN RAMON, CA 94583 - 0995

County 1

Gepaid: CAT080020365
TSD EPA ID: AZD983473539
Gen County: 1
Tsd County: 99
Tons: .0991
Facility Address 2: Not reported
Waste Category: Polychlorinated biphenyls and material containing PCB's
Disposal Method: Recycler
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Name: Not reported
Mailing Address: RM 3E000
SAN RAMON, CA 94583 - 0995

County 1

Gepaid: CAT080020365
TSD EPA ID: CAD009466392
Gen County: 1
Tsd County: 7
Tons: 2.5000
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Name: Not reported
Mailing Address: RM 3E000
SAN RAMON, CA 94583 - 0995

County 1

Gepaid: CAT080020365
TSD EPA ID: CAL000048571
Gen County: 1
Tsd County: Santa Clara
Tons: 1.8556
Facility Address 2: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Name: Not reported
Mailing Address: RM 3E000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC BELL (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000251203

SAN RAMON, CA 94583 - 0995
County 1
Gepaid: CAT080020365
TSD EPA ID: CAD044003556
Gen County: 1
Tsd County: Yolo
Tons: .2710
Facility Address 2: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: PACIFIC BELL
Telephone: (925) 823-6161
Mailing Name: Not reported
Mailing Address: RM 3E000
SAN RAMON, CA 94583 - 0995
County 1

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

CORTESE:

Region: CORTESE
Fac Address 2: 2388 2nd St

FID:

Facility ID:	01002755	Regulate ID:	00057527
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 443-0012
Mail To:	Not reported		
	2600 CAMINO RAMON		
	LIVERMORE, CA 94550		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	57527	Owner Name:	PACIFIC BELL
Total Tanks:	1	Region:	STATE
Owner Address:	370 THIRD STREET		
	SAN FRANCISCO, CA 94107		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	1
Tank Capacity:	00005000	Year Installed:	1972
Type of Fuel:	DIESEL	Tank Construction:	Not Reported
Leak Detection:	None		
Contact Name:	E.J. KOEHLER	Telephone:	(415) 542-6758
Facility Type:	Other	Other Type:	SIC 4800

SWEEPS:

Status : A
Comp Number : 57527
Number : 1
Board Of Equalization : 44-031914
Ref Date : 12-07-93
Act Date : 05-06-94
Created Date : 02-29-88

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000251203

Tank Status : A
Owner Tank Id : 137
Swrcb Tank Id : 01-000-057527-000001
Actv Date : 10-14-93
Capacity : 5000
Tank Use : M.V. FUEL
Stg : P
Content : DIESEL
Number Of Tanks : 2

Status : A
Comp Number : 57527
Number : 1
Board Of Equalization : 44-031914
Ref Date : 12-07-93
Act Date : 05-06-94
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 1051
Swrcb Tank Id : 01-000-057527-000002
Actv Date : 12-07-93
Capacity : 4000
Tank Use : PETROLEUM
Stg : P
Content : DIESEL
Number Of Tanks : Not reported

18
North
1/8-1/4
669 ft.

BOSTROM S LIVERMORE AUTO BODY
2462 2ND STREET
LIVERMORE, CA 94550

RCRA-SQG **1000420071**
FINDS **CAD981368384**
HAZNET
EMI

Relative:
Lower

RCRAInfo:
Owner: BOSTROM DUANE
(415) 555-1212

Actual:
495 ft.

EPA ID: CAD981368384
Contact: ENVIRONMENTAL MANAGER
(415) 447-8523

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
NATIONAL EMISSIONS INVENTORY
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:

Gepaid: CAD981368384
TSD EPA ID: CAT000613893
Gen County: 1
Tsd County: Los Angeles
Tons: .8610
Facility Address 2: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Contact: DUANE BOSTROMS

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BOSTROM S LIVERMORE AUTO BODY (Continued)

1000420071

Telephone: (925) 447-8523
Mailing Name: Not reported
Mailing Address: 2727 OLD FIRST ST
LIVERMORE, CA 94550
County 1
Gepaid: CAD981368384
TSD EPA ID: CAT000613893
Gen County: 1
Tsd County: Los Angeles
Tons: .1230
Facility Address 2: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Contact: DUANE BOSTROMS
Telephone: (925) 447-8523
Mailing Name: Not reported
Mailing Address: 2727 OLD FIRST ST
LIVERMORE, CA 94550
County 1
Gepaid: CAD981368384
TSD EPA ID: CAT000613893
Gen County: 1
Tsd County: Los Angeles
Tons: .4420
Facility Address 2: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Contact: DUANE BOSTROMS
Telephone: (925) 447-8523
Mailing Name: Not reported
Mailing Address: 2727 OLD FIRST ST
LIVERMORE, CA 94550
County 1
Gepaid: CAD981368384
TSD EPA ID: CAT000613950
Gen County: 1
Tsd County: Sacramento
Tons: .3700
Facility Address 2: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Contact: DUANE BOSTROMS
Telephone: (925) 447-8523
Mailing Name: Not reported
Mailing Address: 2727 OLD FIRST ST
LIVERMORE, CA 94550
County 1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BOSTROM S LIVERMORE AUTO BODY (Continued)

1000420071

Gepaid: CAD981368384
TSD EPA ID: CAT000613950
Gen County: 1
Tsd County: Sacramento
Tons: .1860
Facility Address 2: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Contact: DUANE BOSTROMS
Telephone: (925) 447-8523
Mailing Name: Not reported
Mailing Address: 2727 OLD FIRST ST
LIVERMORE, CA 94550
County 1

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

EMISSIONS :

Year : 1995
Facility ID : 8432
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1996
Facility ID : 8432
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1997
Facility ID : 8432

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BOSTROM S LIVERMORE AUTO BODY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000420071

Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1998
Facility ID : 8432
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1999
Facility ID : 8432
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2000
Facility ID : 8432
Air District Code : BA
SIC Code : 7532
Air Basin : SF

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BOSTROM S LIVERMORE AUTO BODY (Continued)

1000420071

Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2001
Facility ID : 8432
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

19 DEL VALLE CONTINUATION HIGH SCHOOL
SSW 2253 5TH ST
1/8-1/4 LIVERMORE, CA 94550
722 ft.

LUST S105194673
CS N/A

Relative: State LUST:
Higher Cross Street: Not reported
Qty Leaked: 0
Actual: Case Number Jan-31
503 ft. Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Soil only
Status: Leak being confirmed
Review Date: 8/13/1999
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 8/13/1999
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 8/2/2001
Funding: Not reported

Confirm Leak: 8/13/1999
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DEL VALLE CONTINUATION HIGH SCHOOL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105194673

Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : 1 Parts per Million
Soil Qualifier : <
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 8/2/2001
Stop Date : Not reported
Work Suspended : No
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0600191450
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : CC SUMMARY RECEIVED FROM ACHD 8/2/01.

LUST Region 2:

Region: 2
Case Number: Not reported
Facility Id: 01-2531
Facility Status: Leak being confirmed
How Discovered: TC
Leak Cause: UNK
Leak Source: UNK
Oversight Program: LUST
Date Leak Confirmed: 8/13/1999
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 Remediation Action Underway: Not reported

Alameda County Contaminated Sites:

Record Id : RO0000310
PE : 5602
Status : Post remedial action monitoring

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D20 MARIE SCHWEICKERT
SE 515 S LIVERMORE AVE
1/8-1/4 LIVERMORE, CA 94550
743 ft.

HAZNET S106880557
CS N/A

Site 1 of 3 in cluster D

Relative:
Higher

Alameda County Contaminated Sites:

Actual:
505 ft.

Record Id : RO0002595
PE : 5602
Status : Leak being confirmed

HAZNET:

Gepaid: CAC002568199
TSD EPA ID: CAD009466392
Gen County: Alameda
Tsd County: Alameda
Tons: 0.17
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: MARIE SCHWEICKERT
Telephone: (925) 447-5669
Mailing Name: Not reported
Mailing Address: 515 S LIVERMORE AVE
 LIVERMORE, CA 94550 - 4755
County 1

D21 SCHWEICKERT PROPERTY
SE 515 SOUTH LIVERMORE AVENUE
1/8-1/4 LIVERMORE, CA 94550
743 ft.

LUST S106916168
N/A

Site 2 of 3 in cluster D

Relative:
Higher

State LUST:

Actual:
505 ft.

Cross Street: 5TH STREET
Qty Leaked: Not reported
Case Number Not reported
Reg Board: 2
Chemical: 2
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Drinking Water Aquifer affected
Status: Pollution Characterization
Review Date: 10/27/2003
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 9/2/2003
Cleanup Fund Id : Not reported
Discover Date : 7/29/2003
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: LOPS
Staff Initials: JTW
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: UNK

Confirm Leak: 10/27/2003
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

SCHWEICKERT PROPERTY (Continued)

S106916168

Leak Source: UNK
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case # : Not reported
 Beneficial: Not reported
 Staff : BG
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : Not reported
 Work Suspended : Not reported
 Responsible Party: MARIE SCHWEICKERT
 RP Address: 3834 INVERNESS WAY
 Global Id: T0600160029
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: 0
 Mtbe Fuel: 0
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary : Not reported

22 MOBIL MINI MART
 WNW 101 J
 1/8-1/4 , CA
 773 ft.

LUST S103472266
 Cortese N/A
 CS

Relative: State LUST:
 Lower Cross Street: Not reported
 Qty Leaked: Not reported
 Actual: Case Number 01-1741
 491 ft. Reg Board: 2
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 01000L
 Case Type: Other ground water affected
 Status: Preliminary site assessment underway
 Abate Method: No Action Taken - no action has as yet been taken at the site
 Review Date: Not reported Confirm Leak: Not reported
 Workplan: 1/2/1965 Prelim Assess: 1/2/1965
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 5/14/1993
 Cleanup Fund Id : Not reported
 Discover Date : 5/14/1993
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : 6/22/1992

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MOBIL MINI MART (Continued)

S103472266

Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : No
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 1/2/1965
Max MTBE GW : 0 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 4449
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Sherburne Hills (2-1
Operator : Not reported
Oversight Prgm: LUST
Review Date : 10/28/1998
Stop Date : 5/14/1993
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0600101612
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : AKA LIVERMORE WATER RECLAMATION PLANT. MAXGW/SOIL=GASOLINE. ACHD
REQ CC - 11/25/98.

LUST Region 2:

Region: 2
Case Number: 4449
Facility Id: 01-1741
Facility Status: Preliminary site assessment underway
How Discovered: TC
Leak Cause: UNK
Leak Source: UNK
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Alameda County Contaminated Sites:

Record Id : RO0000996
PE : 5602

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MOBIL MINI MART (Continued)

S103472266

Status : Case Closed

CORTESE:

Region: CORTESE
Fac Address 2: Not reported

Region: CORTESE
Fac Address 2: 101 Jack London Blvd

D23 ROBERT & EDNA CARPENTER
SE 524 S LIVERMORE AVE
1/8-1/4 LIVERMORE, CA 94550
783 ft.

LUST S103472268
Cortese N/A
CS

Site 3 of 3 in cluster D

Relative:
Higher

State LUST:

Actual:
505 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 01-0283
Reg Board: 2
Chemical: Heater Fuel
Lead Agency: Local Agency
Local Agency: 01000L
Case Type: Soil only
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 1/24/1991
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1/28/1994
Release Date: 1/15/1991
Cleanup Fund Id: Not reported
Discover Date: 1/15/1991
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 2/22/1991
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim: Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case #: 3823
Beneficial: Not reported
Staff: BG
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: Livermore Valley (2-
Operator: Not reported
Oversight Prgm: LUST

Confirm Leak: 1/24/1991
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ROBERT & EDNA CARPENTER (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103472268

Review Date : 12/13/1994
Stop Date : 1/24/1991
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0600100263
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : ARCHIVED 6/6/96 CONTROL NO 120-074 SRC 0904724

LUST Region 2:

Region: 2
Case Number: 3823
Facility Id: 01-0283
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: 1/24/1991
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 Remediation Action Underway: Not reported

Alameda County Contaminated Sites:

Record Id : RO0000738
PE : 5602
Status : Case Closed

CORTESE:

Region: CORTESE
Fac Address 2: 524 S Livermore Ave

24
North
1/8-1/4
895 ft.

MARCIEL RANCH LANDSPREADING
JESS RANCH ROAD
LIVERMORE, CA

SWF/LF S106528907
N/A

Relative:
Lower

LF:

Facility ID: 01-AA-0273
Operator Addr: Operator: Not reported
Date: Not reported
Address: Not reported
Prep By: Not reported
DOHS Number: Not reported
CUP Number: Not reported
CIWMB: Not reported
Activity: Solid Waste Landfill
Operator's Status: Closed
Owner: Waste Management Of The Inland Valley

Actual:
494 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MARCIEL RANCH LANDSPREADING (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106528907

Facility Phone 2 : Not reported
Owner Address: Not reported

17700 Indian Street

Moreno Valley, CA 92551

Operator Phone: Not reported

Owner Telephone: (909) 242-0421

Regulation Status: Exempt

Region: STATE

Location: Not reported

Parcel Num: Not reported

Parcel Num 2 : Not reported

Land Use: Not reported

Sig. Change Since Last Visit: Not reported

Site Size: Not reported

Other Observations: Not reported

Issue And Observations: Not reported

Recommendations / Follow Up: Not reported

Lat/Long: 37.68333 / -121.76667

Permit Date: 9/29/1993

Accepted Waste:

Restrictions:

Status : Not reported

Swisnumber : Not reported

Site Type : Not reported

Aka : Not reported

Type Of Waste : Not reported

Disposal Area : Not reported

SWFP Date : Not reported

WDR Number : Not reported

Dates Operation : Not reported

Closure Approve : Not reported

Dt Of Field Units : Not reported

Surface Condition : Not reported

Lea Date : Not reported

Reassess Site : Not reported

Leachate : Not reported

Emrgncy Response: Not reported

Landfill Gas : Not reported

Priority For Site Assessment : Not reported

Other Recommendation : Not reported

Explanation: Not Reported

No Further Action: Not Reported

Permitted Throughput with Units: Not reported

Actual Throughput with Units: Not reported

Actual Capacity with Units: Not reported

Permitted Capacity with Units: Not reported

Remaining Capacity with Units: Not reported

Permitted Total Acreage: 0

Remaining Capacity : Not reported

Fill Area: Not reported

Inspec Frequency : None

Landuse Name: Not reported

GIS Source: Place

Permit Status: Exempted

Category: Disposal

Unit Number: 01

Closure Date: 12/31/96

Closure Type: Estimated

Disposal Acreage: 0

Year Opened: Not reported

Year Closed: Not reported

Last Waste Tire Inspection Count : Not reported

Last Waste Tire Inspection Date: Not reported

Original Waste Tire Count: Not reported

Original Waste Tire Count Date: Not reported

Type Of Refuse: Not reported

Avg Depth Of Fill: Not reported

Addl Expansion Area: Not reported

Site Description: Not Reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

25 VEL HEATING & PLUMBING
WNW 2326 001ST ST
1/8-1/4 LIVERMORE, CA 94550
1005 ft.

CA FID UST S101623825
SWEEPS UST N/A

Relative: FID:
Lower Facility ID: 01002634 Regulate ID: 00021194
Reg By: Active Underground Storage Tank Location
Actual: Cortese Code: Not reported SIC Code: Not reported
490 ft. Status: Active Facility Tel: Not reported
Mail To: Not reported
2326 001ST ST
LIVERMORE, CA 94550
Contact: Not reported Contact Tel: Not reported
DUNS No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status : A
Comp Number : 21194
Number : 1
Board Of Equalization : 44-000269
Ref Date : 09-02-88
Act Date : 09-02-88
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 1
Swrcb Tank Id : 01-000-021194-000001
Actv Date : 07-01-85
Capacity : 500
Tank Use : M.V. FUEL
Stg : P
Content : Not reported
Number Of Tanks : 1

26 RED S LIVERMORE BODY SHOP
NNE 222 CHURCH STREET
1/8-1/4 LIVERMORE, CA 94550
1107 ft.

RCRA-SQG 1000375109
FINDS CAD981372832
HAZNET
EMI

Relative: RCRAInfo:
Lower Owner: NOT REQUIRED
(415) 555-1212
Actual: EPA ID: CAD981372832
497 ft. Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
NATIONAL EMISSIONS INVENTORY
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RED S LIVERMORE BODY SHOP (Continued)

1000375109

HAZNET:

Gepaid: CAD981372832
TSD EPA ID: CAT000613893
Gen County: 1
Tsd County: Los Angeles
Tons: .2115
Facility Address 2: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Contact: CURTIS ALLRED
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 222 CHURCH ST
LIVERMORE, CA 94550 - 3202

County 1

Gepaid: CAD981372832
TSD EPA ID: CAT000613893
Gen County: 1
Tsd County: Los Angeles
Tons: .0615
Facility Address 2: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Contact: CURTIS ALLRED
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 222 CHURCH ST
LIVERMORE, CA 94550 - 3202

County 1

Gepaid: CAD981372832
TSD EPA ID: CAT000613950
Gen County: 1
Tsd County: Sacramento
Tons: .0740
Facility Address 2: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Contact: CURTIS ALLRED
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 222 CHURCH ST
LIVERMORE, CA 94550 - 3202

County 1

Gepaid: CAD981372832
TSD EPA ID: CA0000084517
Gen County: 1
Tsd County: Sacramento
Tons: .7960
Facility Address 2: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Contact: CURTIS ALLRED
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 222 CHURCH ST

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RED S LIVERMORE BODY SHOP (Continued)

1000375109

LIVERMORE, CA 94550 - 3202
County 1
Gepaid: CAD981372832
TSD EPA ID: CAT000613893
Gen County: 1
Tsd County: Los Angeles
Tons: .0615
Facility Address 2: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Contact: CURTIS ALLRED
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 222 CHURCH ST
LIVERMORE, CA 94550 - 3202
County 1

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

EMISSIONS :

Year : 1995
Facility ID : 7982
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1996
Facility ID : 7982
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

RED S LIVERMORE BODY SHOP (Continued)

1000375109

Year : 1997
Facility ID : 7982
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1998
Facility ID : 7982
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1999
Facility ID : 7982
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2000
Facility ID : 7982

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RED S LIVERMORE BODY SHOP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000375109

Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2001
Facility ID : 7982
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2002
Facility ID : 7982
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2003
Facility ID : 7982
Air District Code : BA
SIC Code : 7532
Air Basin : SF

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RED S LIVERMORE BODY SHOP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000375109

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

E27
NNW
1/8-1/4
1200 ft.

LIVERMORE AGRICULTURAL OF
2418 RAILROAD
LIVERMORE, CA 94550

Cortese
CA FID UST
SWEEPS UST

S101580077
N/A

Site 1 of 5 in cluster E

Relative:
Lower

CORTESE:

Region: CORTESE
Fac Address 2: Not reported

Actual:
492 ft.

FID:

Facility ID: 01001032 Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: Not reported
Mail To: Not reported
4400 MAC ARTHUR BLVD
LIVERMORE, CA 94550
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:

Status : Not reported
Comp Number : 219
Number : Not reported
Board Of Equalization : 44-023057
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-000219-000001
Actv Date : Not reported
Capacity : 3000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : LEADED
Number Of Tanks : 2

Status : Not reported
Comp Number : 219
Number : Not reported
Board Of Equalization : 44-023057
Ref Date : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LIVERMORE AGRICULTURAL OF (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101580077

Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-000219-000002
Actv Date : Not reported
Capacity : 550
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : DIESEL
Number Of Tanks : Not reported

E28
NNW
1/8-1/4
1203 ft.

LIVERMORE CITY OF
2500 RAILROAD AVE
LIVERMORE, CA 94550

RCRA-SQG 1000595370
FINDS CAD983593062
HAZNET
LUST
Cortese
CS

Site 2 of 5 in cluster E

Relative:
Lower

RCRAInfo:

Actual:
493 ft.

Owner: LIVERMORE CITY OF
(415) 555-1212
EPA ID: CAD983593062
Contact: ISGANITIS PETER
(415) 373-5220
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 01-1697
Reg Board: 2
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Undefined
Status: Case Closed
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 5/2/1996
Release Date: 5/4/1993
Cleanup Fund Id : Not reported
Discover Date : 5/4/1993
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 6/15/1993
Funding: Federal Funds

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LIVERMORE CITY OF (Continued)

1000595370

Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : No
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 3016
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 8/7/1996
Stop Date : 5/4/1993
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0600101568
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : ARCHIVED 11/1/96 CONTROL NO 120-106 SRC 0904756

LUST Region 2:

Region: 2
Case Number: 3016
Facility Id: 01-1697
Facility Status: Case Closed
How Discovered: TC
Leak Cause: UNK
Leak Source: UNK
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Alameda County Contaminated Sites:

Record Id : RO0001012
PE : 5602
Status : Case Closed

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LIVERMORE CITY OF (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000595370

HAZNET:

Gepaid: CAD983593062
TSD EPA ID: CAD009466392
Gen County: 1
Tsd County: 7
Tons: .5000
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: LIVERMORE CITY OF
Telephone: (415) 555-1212
Mailing Name: Not reported
Mailing Address: 1052 S LIVERMORE AVE
LIVERMORE, CA 94550
County 1

Gepaid: CAD983593062
TSD EPA ID: CAD009466392
Gen County: 1
Tsd County: 7
Tons: 3.5000
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Disposal, Other
Contact: LIVERMORE CITY OF
Telephone: (415) 555-1212
Mailing Name: Not reported
Mailing Address: 1052 S LIVERMORE AVE
LIVERMORE, CA 94550
County 1

CORTESE:

Region: CORTESE
Fac Address 2: Not reported

E29 LIVERMORE CORPORATION YARD
NNW 2376 RAILROAD AVE
1/8-1/4 LIVERMORE, CA 94612
1211 ft.

HAZNET S101623808
CA FID UST N/A
SWEEPS UST

Site 3 of 5 in cluster E

Relative:
Lower

HAZNET:

Actual:
492 ft.

Gepaid: CAL000022995
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: Los Angeles
Tons: 1.12
Facility Address 2: Not reported
Waste Category: Unspecified alkaline solution
Disposal Method: Not reported
Contact: UNDELIVERABLE SURVEY 2-20-95LH
Telephone: --
Mailing Name: Not reported
Mailing Address: 2376 RAILROAD AVE
LIVERMORE, CA 94550
County Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LIVERMORE CORPORATION YARD (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101623808

FID:

Facility ID:	01002644	Regulate ID:	00027281
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported		
	4400 MACARTHUR BLVD		
	LIVERMORE, CA 94612		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

SWEEPS:

Status : A
Comp Number : 27281
Number : 5
Board Of Equalization : Not reported
Ref Date : 03-14-91
Act Date : 03-14-91
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 90-1
Swrcb Tank Id : 01-000-027281-000001
Actv Date : 07-01-85
Capacity : 3000
Tank Use : M.V. FUEL
Stg : P
Content : LEADED
Number Of Tanks : 2

Status : A
Comp Number : 27281
Number : 5
Board Of Equalization : Not reported
Ref Date : 03-14-91
Act Date : 03-14-91
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 2652-2
Swrcb Tank Id : 01-000-027281-000002
Actv Date : 03-14-91
Capacity : 500
Tank Use : M.V. FUEL
Stg : P
Content : LEADED
Number Of Tanks : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

E30 LIVERMORE CORPORATION YARD
NNW 2376 RAILROAD AVE
1/8-1/4 LIVERMORE, CA 94550
1211 ft.

HIST UST U001597334
N/A

Site 4 of 5 in cluster E

Relative:
Lower

UST HIST:

Actual:
492 ft.

Facility ID: 27281
Total Tanks: 2
Owner Address: 4400-B MACARTHUR BOULEVARD
OAKLAND, CA 94619
Tank Used for: PRODUCT
Tank Num: 1
Tank Capacity: 00003000
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Other

Owner Name: COUNTY OF ALAMEDA
Region: STATE

Container Num: 90-1
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 874-6340
Other Type: COUNTY CORP. YARD

Facility ID: 27281
Total Tanks: 2
Owner Address: 4400-B MACARTHUR BOULEVARD
OAKLAND, CA 94619

Owner Name: COUNTY OF ALAMEDA
Region: STATE

Tank Used for: PRODUCT
Tank Num: 2
Tank Capacity: 00000550
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: Not reported
Facility Type: Other

Container Num: 90-2
Year Installed: Not reported
Tank Construction: Not Reported
Telephone: (415) 874-6340
Other Type: COUNTY CORP. YARD

E31 ALAMEDA CO DEPT OF AGRI
NNW 2418 RAILROAD AVE
1/8-1/4 LIVERMORE, CA 94550
1216 ft.

RCRA-SQG 1000297254
FINDS CAT000613380

Site 5 of 5 in cluster E

Relative:
Lower

RCRAInfo:

Actual:
492 ft.

Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAT000613380
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

32
NW
1/8-1/4
1261 ft.

ISING'S CULLIGAN
2252 RAIL ROAD AVE
LIVERMORE, CA 94550

SWEEPS UST
S106927555
N/A

Relative:
Lower

SWEEPS:

Status : Not reported
Comp Number : 5267
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 : 01-000-005267-000001
Actv Date : Not reported
Capacity : 500
Tank Use : PETROLEUM
Stg : PRODUCT
Content : REGULAR
Number Of Tanks : 2

Status : Not reported
Comp Number : 5267
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 : 01-000-005267-000002
Actv Date : Not reported
Capacity : 500
Tank Use : PETROLEUM
Stg : PRODUCT
Content : REGULAR
Number Of Tanks : Not reported

33
West
1/8-1/4
1274 ft.

QUALITY CLEANERS
2048 FIRST ST
LIVERMORE, CA 94550

HAZNET
CLEANERS
1001614223
N/A

Relative:
Lower

CA Cleaners:

Inactive Date: 6/30/1999
EPA Id: CAD981655533
Facility Address 2 : Not reported
NAICS Code : Not reported
Facility Active : No
Mail Name : Not reported
Mailing Address: 2048 1ST ST
LIVERMORE, CA 94550
Owner Name : --
Mailing Address: --, 99 --
Owner Telephone : 0000000000
Contact Name : --
Mailing Address: INACT PER NONDEL 99VQ FINAL
NOTICE - PH

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

QUALITY CLEANERS (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001614223

--, 99 --
Contact Telephone : --
Region Code : 2
Create Date : 04/10/1987
SIC Description : Not reported
NAICS Description : Not reported

HAZNET:

Gepaid: CAD981655533
TSD EPA ID: CAD981397417
Gen County: 1
Tsd County: Los Angeles
Tons: 0.8216
Facility Address 2: Not reported
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 2048 1ST ST
LIVERMORE, CA 94550 - 4406

County 1

Gepaid: CAD981655533
TSD EPA ID: CAD981397417
Gen County: 1
Tsd County: Los Angeles
Tons: .3858
Facility Address 2: Not reported
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: Not reported
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 2048 1ST ST
LIVERMORE, CA 94550 - 4406

County 1

F34 & W DEVELOPMENT
NE 300 WOOD
1/8-1/4 LIVERMORE, CA 94550
1287 ft.

Cortese S105024489
N/A

Site 1 of 2 in cluster F

Relative: Higher
CORTese:
Region: CORTese
Actual: 499 ft.
Fac Address 2: Not reported

35 FAST GAS
North 2620 E. OLD FIRST STREET
1/8-1/4 LIVERMORE, CA 94550
1296 ft.

HIST UST U001597304
N/A

Relative: Lower
UST HIST:
Facility ID: 13884
Total Tanks: 3
Actual: 494 ft.
Owner Address: 1221 E. MAIN STREET
CHATTANOOGA, TN 37408
Tank Used for: PRODUCT

Owner Name: KAYO OIL COMPANY
Region: STATE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

FAST GAS (Continued)

U001597304

Tank Num: 1
Tank Capacity: 00010000
Type of Fuel: REGULAR
Leak Detection: Visual, Stock Inventor, Pressure Test
Contact Name: Not reported
Facility Type: Gas Station

Container Num: 1
Year Installed: 1972
Tank Construction: Not Reported

Telephone: (415) 449-9713
Other Type: Not reported

Facility ID: 13884
Total Tanks: 3
Owner Address: 1221 E. MAIN STREET
CHATTANOOGA, TN 37408

Owner Name: KAYO OIL COMPANY
Region: STATE

Tank Used for: PRODUCT
Tank Num: 2
Tank Capacity: 00010000
Type of Fuel: PREMIUM
Leak Detection: Visual, Stock Inventor, Pressure Test
Contact Name: Not reported
Facility Type: Gas Station

Container Num: 2
Year Installed: 1972
Tank Construction: Not Reported

Telephone: (415) 449-9713
Other Type: Not reported

Facility ID: 13884
Total Tanks: 3
Owner Address: 1221 E. MAIN STREET
CHATTANOOGA, TN 37408

Owner Name: KAYO OIL COMPANY
Region: STATE

Tank Used for: PRODUCT
Tank Num: 3
Tank Capacity: 00007500
Type of Fuel: UNLEADED
Leak Detection: Visual, Stock Inventor, Pressure Test
Contact Name: Not reported
Facility Type: Gas Station

Container Num: 3
Year Installed: 1972
Tank Construction: Not Reported

Telephone: (415) 449-9713
Other Type: Not reported

G36 LIVERMORE GERMAN AUTO
North 2730 OLD 1ST ST
1/8-1/4 LIVERMORE, CA 94550
1314 ft.

LUST S101580054
Cortese N/A
CS

Site 1 of 3 in cluster G

Relative:
Lower

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-0679
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Other ground water affected
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Actual:
496 ft.

Review Date: 11/16/1992
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 9/15/1999
Release Date: 6/5/1990
Cleanup Fund Id : Not reported
Discover Date : 6/5/1990
Enforcement Dt : 11/16/1992

Confirm Leak: 11/16/1992
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LIVERMORE GERMAN AUTO (Continued)

S101580054

Enf Type: EF
Enter Date : 11/25/1992
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : 1/2/1965
Max MTBE GW : 600 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 2871
Beneficial: Not reported
Staff : BG
GW Qualifier : <
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 3/29/2000
Stop Date : 6/5/1990
Work Suspended No
Responsible Party BLANK RP
RP Address: Not reported
Global Id: T0600100624
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : MAXGW=GASOLINE. MAXSOIL=OIL&GREASE. CC PER ACHD 9/15/99.,
CURRENT MTBE DATE: 7/31/98 [MTBE] INACCURATE. MAXGW=GASOLINE.

LUST Region 2:

Region: 2
Case Number: 2871
Facility Id: 01-0679
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: 11/16/1992
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 Remediation Action Underway: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LIVERMORE GERMAN AUTO (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101580054

Alameda County Contaminated Sites:

Record Id : RO0000909
PE : 5602
Status : Case Closed

CORTESE:

Region: CORTESE
Fac Address 2: 2730 Old 1st St

F37 J & W DEVELOPMENT
NE 330 WOOD ST
1/4-1/2 LIVERMORE, CA 94550
1396 ft.

LUST S102431725
N/A

Site 2 of 2 in cluster F

Relative:
Higher

State LUST:

Actual:
500 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-0807
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Soil only
Status: Case Closed
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 10/28/1994
Release Date: 8/29/1989
Cleanup Fund Id : Not reported
Discover Date : 8/29/1989
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1/9/1990
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 3612
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2/28/1995

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

J & W DEVELOPMENT (Continued)

S102431725

Stop Date : 8/29/1989
Work Suspended : No
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0600100743
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : ARCHIVED 6/6/96 CONTROL NO 120-095 SRC 0904745

LUST Region 2:

Region: 2
Case Number: 3612
Facility Id: 01-0807
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: 5/30/1990
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

G38 BEACON #719
North 2620 E OLD 1ST ST
1/4-1/2 LIVERMORE, CA 95240
1409 ft.

CA FID UST S106027252
CS N/A

Site 2 of 3 in cluster G

Relative:
Lower

Alameda County Contaminated Sites:

Actual:
496 ft.

Record Id : RO0001048
PE : 5602
Status : Case Closed

FID:

Facility ID:	01001641	Regulate ID:	00013884
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 447-8949
Mail To:	Not reported		
	525 W 3RD ST		
	LIVERMORE, CA 95240		
Contact:	Not reported	Contact Tel:	Not reported
DUNS No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

G39 BEACON
North 2620 OLD 1ST ST E
1/4-1/2 LIVERMORE, CA 94550
1409 ft.

LUST S101580176
Cortese N/A

Site 3 of 3 in cluster G

Relative:
Lower

State LUST:

Actual:
496 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 01-1528
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency: 01000L
Case Type: Other ground water affected
Status: Pollution Characterization
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: Not reported
Workplan: 3/22/1991
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 4/4/1991
Cleanup Fund Id: Not reported
Discover Date: 4/4/1991
Enforcement Dt: Not reported
Enf Type: Not reported
Enter Date: 6/25/1991
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim: Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date: 9/15/1998
Max MTBE GW: 100 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case #: 3584
Beneficial: Not reported
Staff: BG
GW Qualifier: Not reported
Max MTBE Soil: Not reported
Soil Qualifier: Not reported
Hydr Basin #: Livermore Valley (2-
Operator: Not reported
Oversight Prgm: LUST
Review Date: 3/4/1999
Stop Date: 5/30/1991
Work Suspended: No
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0600101411
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1

Confirm Leak: Not reported
Prelim Assess: 3/22/1991
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BEACON (Continued)

S101580176

Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : CURRENT MTBE DATE: 9/15/98 FROM VAPOR EXTRACTION WELL. 82PPM LEAD
IN SOIL. MAXGW/SOIL=TPHG. ACHD REQ CC - 1/27/99.

LUST Region 2:

Region: 2
Case Number: 3584
Facility Id: 01-1528
Facility Status: Pollution Characterization
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: 3/22/1991
Pollution Characterization Began: 3/2/1993
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

CORTESE:

Region: CORTESE
Fac Address 2: 2620 OLD 1ST ST E

40 NONE
NE 330 WOOD
1/4-1/2 LIVERMORE, CA 92516
1418 ft.

Notify 65 S100179250
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: 92516

Actual:
500 ft.

41 DESERT PETROLEUM BP
West 2008 1ST ST
1/4-1/2 LIVERMORE, CA 94550
1459 ft.

HAZNET S103639940
LUST N/A
Cortese
CS
SWEEPS UST

Relative:
Lower

State LUST:

Cross Street: L ST S
Qty Leaked: Not reported
Case Number 01-1008
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Other ground water affected
Status: Remedial action (cleanup) Underway
Abate Method: No Action Taken - no action has as yet been taken at the site

Actual:
489 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DESERT PETROLEUM BP (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103639940

Review Date: Not reported
Workplan: 1/4/2001
Pollution Char: Not reported
Remed Action: 2/5/2001
Monitoring: Not reported
Close Date: Not reported
Release Date: 2/23/1988
Cleanup Fund Id : Not reported
Discover Date : 2/23/1988
Enforcement Dt : Not reported
Enf Type: NONE
Enter Date : 11/26/1990
Funding: Federal Funds
Staff Initials: DLD
How Discovered: Tank Closure
How Stopped: Not reported
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : 10/5/1995
Max MTBE GW : 47000 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 1689
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 8/8/2001
Stop Date : 3/3/1988
Work Suspended : No
Responsible Party: B & C GAS MINI MART
RP Address: Not reported
Global Id: T0600100930
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : NEED ANOTHER MW PROXIMAL TO SOIL CONT. MTBE PLUME EXISTS. 6/15/95
URF;8/25/95 URF. WORKPLAN ADDENDUM SUBMITTED: 1/4/01(HAVE NOT
DEFINED PLUME BOUNDARIES. MS-MW1 HAS FP. CURRENT MTBE 6/01.

LUST Region 2:

Region: 2
Case Number: 1689
Facility Id: 01-1008
Facility Status: Remedial action (cleanup) Underway
How Discovered: TC
Leak Cause: Structure Failure

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DESERT PETROLEUM BP (Continued)

S103639940

Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assessment Workplan Submitted: 1/1/1965
Preliminary Site Assessment Began: 1/4/2001
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: 2/5/2001
Date Remediation Action Underway: Not reported

Alameda County Contaminated Sites:

Record Id : RO0000278
PE : 5602
Status : Remediation Plan

HAZNET:

Gepaid: CAL000141898
TSD EPA ID: CAD009466392
Gen County: 1
Tsd County: 7
Tons: 14,0000
Facility Address 2: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: BALAJI ANGLE
Telephone: (510) 449-2194
Mailing Name: Not reported
Mailing Address: 2008 FIRST STREET
LIVERMORE, CA 94550 - 4406

County 1

Gepaid: CAL000141898
TSD EPA ID: CAD083166728
Gen County: 1
Tsd County: Stanislaus
Tons: 1.2510
Facility Address 2: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: BALAJI ANGLE
Telephone: (510) 449-2194
Mailing Name: Not reported
Mailing Address: 2008 FIRST STREET
LIVERMORE, CA 94550 - 4406

County 1

Gepaid: CAL000141898
TSD EPA ID: CAD980887418
Gen County: Alameda
Tsd County: Alameda
Tons: 2.06
Facility Address 2: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Contact: BALAJI ANGLE-OWNER
Telephone: (510) 449-2194
Mailing Name: Not reported
Mailing Address: 2008 FIRST STREET
LIVERMORE, CA 94550 - 4406

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DESERT PETROLEUM BP (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103639940

County 1
Gepaid: CAL000141898
TSD EPA ID: CAT080011059
Gen County: 1
Tsd County: Los Angeles
Tons: .2000
Facility Address 2: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Other
Contact: BALAJI ANGLE
Telephone: (510) 449-2194
Mailing Name: Not reported
Mailing Address: 2008 FIRST STREET
LIVERMORE, CA 94550 - 4406
County 1

CORTESE:

Region: CORTESE
Fac Address 2: 2008 1ST ST

SWEEPS:

Status : A
Comp Number : 9423
Number : 1
Board Of Equalization : 44-030652
Ref Date : 03-06-93
Act Date : 11-18-93
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 795RU
Swrcb Tank Id : 01-000-009423-000001
Actv Date : 03-06-93
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : 4

Status : A
Comp Number : 9423
Number : 1
Board Of Equalization : 44-030652
Ref Date : 03-06-93
Act Date : 11-18-93
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 795PU
Swrcb Tank Id : 01-000-009423-000002
Actv Date : 03-06-93
Capacity : 8000
Tank Use : M.V. FUEL
Stg : P
Content : PRM UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 9423
Number : 1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

DESERT PETROLEUM BP (Continued)

S103639940

Board Of Equalization : 44-030652
Ref Date : 03-06-93
Act Date : 11-18-93
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 795UL
Swrcb Tank Id : 01-000-009423-000003
Actv Date : 03-06-93
Capacity : 10000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 9423
Number : 1
Board Of Equalization : 44-030652
Ref Date : 03-06-93
Act Date : 11-18-93
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : 795WO
Swrcb Tank Id : 01-000-009423-000004
Actv Date : 03-06-93
Capacity : 300
Tank Use : EMPTY
Stg : W
Content : EMPTY OIL TA
Number Of Tanks : Not reported

42
WNW
1/4-1/2
1536 ft.

J CLEANERS
2093 RAILROAD AVE
LIVERMORE, CA 94550

HAZNET
CLEANERS
CS

S106245341
N/A

Relative:
Lower

Alameda County Contaminated Sites:
Record Id : RO0002632
PE : 5502
Status : Leak being confirmed

Actual:
486 ft.

CA Cleaners:
Inactive Date: Not reported
EPA Id: CAL000188428
Facility Address 2 : Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550
Owner Name : JAMES KI CHOI
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550
Owner Telephone : 9254554444
Contact Name : JAMES KI CHOI
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550
Contact Telephone : 9254554444
Region Code : 2

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

J CLEANERS (Continued)

S106245341

Create Date : 06/04/1998
SIC Description : Drycleaning Plants, Except Rug Cleaning
NAICS Description : Drycleaning and Laundry Services (except Coin-Operated)

Inactive Date: Not reported
EPA Id: CAL000188428
Facility Address 2 : Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550

Owner Name : JAMES KI CHOI
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550

Owner Telephone : 9254554444
Contact Name : JAMES KI CHOI
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550

Contact Telephone : 9254554444
Region Code : 2
Create Date : 06/04/1998
SIC Description : Laundry and Garment Services, NEC (except diaper service and clothing alteration and repair)
NAICS Description : Drycleaning and Laundry Services (except Coin-Operated)

Inactive Date: 6/30/1998
EPA Id: CAL000021237
Facility Address 2 : Not reported
NAICS Code : Not reported
Facility Active : No
Mail Name : Not reported
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550

Owner Name : KANG PUN CHA
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550

Owner Telephone : 9254554444
Contact Name : --
Mailing Address: INACTIVE PER VQ98 - BMI
LIVERMORE, CA 94550

Contact Telephone : 9254554444
Region Code : 2
Create Date : 11/14/1989
SIC Description : Not reported
NAICS Description : Not reported

Inactive Date: Not reported
EPA Id: CAL000188428
Facility Address 2 : Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550

Owner Name : JAMES KI CHOI
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

J CLEANERS (Continued)

S106245341

Owner Telephone : 9254554444
Contact Name : JAMES KI CHOI
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550
Contact Telephone : 9254554444
Region Code : 2
Create Date : 06/04/1998
SIC Description : Power Laundries, Family and Commercial
NAICS Description : Drycleaning and Laundry Services (except Coin-Operated)

Inactive Date: Not reported
EPA Id: CAL000188428
Facility Address 2 : Not reported
NAICS Code : 81232
Facility Active : Yes
Mail Name : Not reported
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550
Owner Name : JAMES KI CHOI
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550
Owner Telephone : 9254554444
Contact Name : JAMES KI CHOI
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550
Contact Telephone : 9254554444
Region Code : 2
Create Date : 06/04/1998
SIC Description : Garment Pressing, and Agents for Laundries and Drycleaners
NAICS Description : Drycleaning and Laundry Services (except Coin-Operated)

HAZNET:

Gepaid: CAL000188428
TSD EPA ID: CAT080014079
Gen County: Alameda
Tsd County: Alameda
Tons: Not reported
Facility Address 2: Not reported
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Not reported
Contact: JAMES KI CHOI
Telephone: (925) 455-4444
Mailing Name: Not reported
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550
County 1
Gepaid: CAL000188428
TSD EPA ID: CAT080014079
Gen County: Alameda
Tsd County: Alameda
Tons: 0.25
Facility Address 2: Not reported
Waste Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: JAMES KI CHOI
Telephone: (925) 455-4444
Mailing Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

J CLEANERS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106245341

Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550
County 1
Gepaid: CAL000188428
TSD EPA ID: CAT080014079
Gen County: Alameda
Tsd County: Alameda
Tons: Not reported
Facility Address 2: Not reported
Waste Category: Solids or sludges with halogenated organic compounds > 1000mg/kg
Disposal Method: Not reported
Contact: JAMES KI CHOI
Telephone: (925) 455-4444
Mailing Name: Not reported
Mailing Address: 2093 RAILROAD AVE
LIVERMORE, CA 94550
County 1

43
West
1/4-1/2
1570 ft.

Relative:
Lower

Actual:
487 ft.

GROTH BROS OLDSMOBILE INC
59 SOUTH L STREET
LIVERMORE, CA 94550

RCRA-SQG 1000405003
FINDS CAD981400211
HAZNET
LUST
Cortese
CA FID UST
HIST UST
EMI
CS
SWEEPS UST

RCRAInfo:
Owner: GROTH SR WILLIAM M, GROTH RICHARD G
(415) 555-1212
EPA ID: CAD981400211
Contact: ENVIRONMENTAL MANAGER
(415) 447-5161
Classification: Small Quantity Generator
TSD Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
NATIONAL EMISSIONS INVENTORY
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1788
Reg Board: 2
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Undefined
Status: Preliminary site assessment underway
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GROTH BROS OLDSMOBILE INC (Continued)

1000405003

Review Date: 3/23/1992 Confirm Leak: 3/23/1992
Workplan: 1/2/1965 Prelim Assess: 1/2/1965
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 3/8/1991
Cleanup Fund Id : Not reported
Discover Date : 10/1/1990
Enforcement Dt : 9/30/1993
Enf Type: EF
Enter Date : 6/17/1993
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 2935
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 1/18/2000
Stop Date : 10/1/1990
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0600101656
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 1 TANK REMOVED 10/90,2 TANK TO BE ABANDONED;LOP UPDATE--10/21/93.
REQ. CC 12/5/97. . .INTENT FOR NFA FROM ACHD 12/13/99.

LUST Region 2:

Region: 2
Case Number: 2935
Facility Id: 01-1788
Facility Status: Preliminary site assessment underway
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GROTH BROS OLDSMOBILE INC (Continued)

1000405003

Oversight Program: LUST
Date Leak Confirmed: 3/23/1992
Prelim. Site Assessment Workplan Submitted: Not reported
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 Remediation Action Underway: Not reported

Alameda County Contaminated Sites:

Record Id : RO0000217
PE : 5602
Status : Leak being confirmed

HAZNET:

Gepaid: CAD981400211
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: Sacramento
Tons: Not reported
Facility Address 2: Not reported
Waste Category:
Disposal Method: Not reported
Contact: MIKE FRANKLIN/SERVICE MGR
Telephone: (925) 447-5161
Mailing Name: Not reported
Mailing Address: PO BOX 232
LIVERMORE, CA 94551 - 0232
County: Not reported
Gepaid: CAD981400211
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: Sacramento
Tons: 0.01
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: MIKE FRANKLIN/SERVICE MGR
Telephone: (925) 447-5161
Mailing Name: Not reported
Mailing Address: PO BOX 232
LIVERMORE, CA 94551 - 0232
County: Not reported
Gepaid: CAD981400211
TSD EPA ID: Not reported
Gen County: Alameda
Tsd County: Sacramento
Tons: 0.69
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: MIKE FRANKLIN/SERVICE MGR
Telephone: (925) 447-5161
Mailing Name: Not reported
Mailing Address: PO BOX 232
LIVERMORE, CA 94551 - 0232
County: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number	EPA ID Number
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GROTH BROS OLDSMOBILE INC (Continued)

1000405003

Gepaid: CAD981400211
TSD EPA ID: CAD008252405
Gen County: 1
Tsd County: Los Angeles
Tons: .2501
Facility Address 2: Not reported
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Not reported
Contact: GROTH BROS OLDSMOBILE INC
Telephone: (510) 447-3190
Mailing Name: Not reported
Mailing Address: PO BOX 232
LIVERMORE, CA 94551 - 0232

County 1

Gepaid: CAD981400211
TSD EPA ID: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: 1.7093
Facility Address 2: Not reported
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: GROTH BROS OLDSMOBILE INC
Telephone: (510) 447-3190
Mailing Name: Not reported
Mailing Address: PO BOX 232
LIVERMORE, CA 94551 - 0232

County 1

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

CORTESE:

Region: CORTESE
Fac Address 2: 59 L ST S

FID:

Facility ID:	01000852	Regulate ID:	00021783
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	Not reported
Mail To:	Not reported		
	P O BOX		
	LIVERMORE, CA 94550		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	21783	Owner Name:	GROTH BROS. OLDSMOBILE, INC.
Total Tanks:	7	Region:	STATE
Owner Address:	59 SO. "L" ST., P.O. BOX 232		
	LIVERMORE, CA 94550		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	TANK #1
Tank Capacity:	00000550	Year Installed:	1935

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GROTH BROS OLDSMOBILE INC (Continued)

1000405003

Type of Fuel: UNLEADED
Leak Detection: None
Contact Name: WILLIAM M. GROTH, SR.
Facility Type: Other

Facility ID: 21783
Total Tanks: 7
Owner Address: 59 SO. "L" ST., P.O. BOX 232
LIVERMORE, CA 94550

Tank Used for: PRODUCT
Tank Num: 2
Tank Capacity: 00001500
Type of Fuel: DIESEL
Leak Detection: None
Contact Name: WILLIAM M. GROTH, SR.
Facility Type: Other

Facility ID: 21783
Total Tanks: 7
Owner Address: 59 SO. "L" ST., P.O. BOX 232
LIVERMORE, CA 94550

Tank Used for: PRODUCT
Tank Num: 3
Tank Capacity: 00001500
Type of Fuel: UNLEADED
Leak Detection: None
Contact Name: WILLIAM M. GROTH, SR.
Facility Type: Other

Facility ID: 21783
Total Tanks: 7
Owner Address: 59 SO. "L" ST., P.O. BOX 232
LIVERMORE, CA 94550

Tank Used for: WASTE
Tank Num: 4
Tank Capacity: 00000550
Type of Fuel: WASTE OIL
Leak Detection: None
Contact Name: WILLIAM M. GROTH, SR.
Facility Type: Other

Facility ID: 21783
Total Tanks: 7
Owner Address: 59 SO. "L" ST., P.O. BOX 232
LIVERMORE, CA 94550

Tank Used for: WASTE
Tank Num: 5
Tank Capacity: 00000250
Type of Fuel: Not reported
Leak Detection: None
Contact Name: WILLIAM M. GROTH, SR.
Facility Type: Other

Facility ID: 21783
Total Tanks: 7
Owner Address: 59 SO. "L" ST., P.O. BOX 232
LIVERMORE, CA 94550

Tank Construction: Not Reported

Telephone: (415) 447-3190
Other Type: AUTO DEALERSHIP

Owner Name: GROTH BROS. OLDSMOBILE, INC.
Region: STATE

Container Num: TANK #2
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 447-3190
Other Type: AUTO DEALERSHIP

Owner Name: GROTH BROS. OLDSMOBILE, INC.
Region: STATE

Container Num: TANK #3
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 447-3190
Other Type: AUTO DEALERSHIP

Owner Name: GROTH BROS. OLDSMOBILE, INC.
Region: STATE

Container Num: TANK #4
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 447-3190
Other Type: AUTO DEALERSHIP

Owner Name: GROTH BROS. OLDSMOBILE, INC.
Region: STATE

Container Num: TANK #5
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 447-3190
Other Type: AUTO DEALERSHIP

Owner Name: GROTH BROS. OLDSMOBILE, INC.
Region: STATE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GROTH BROS OLDSMOBILE INC (Continued)

1000405003

Tank Used for: PRODUCT
Tank Num: 6
Tank Capacity: 00000280
Type of Fuel: Not reported
Leak Detection: None
Contact Name: WILLIAM M. GROTH, SR.
Facility Type: Other

Container Num: TANK #6
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 447-3190
Other Type: AUTO DEALERSHIP

Facility ID: 21783
Total Tanks: 7
Owner Address: 59 SO. "L" ST., P.O. BOX 232
LIVERMORE, CA 94550

Owner Name: GROTH BROS. OLDSMOBILE, INC.
Region: STATE

Tank Used for: PRODUCT
Tank Num: 7
Tank Capacity: 00000280
Type of Fuel: Not reported
Leak Detection: None
Contact Name: WILLIAM M. GROTH, SR.
Facility Type: Other

Container Num: TANK#7
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 447-3190
Other Type: AUTO DEALERSHIP

SWEEPS:

Status : Not reported
Comp Number : 21783
Number : Not reported
Board Of Equalization : 44-000277
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-021783-000001
Actv Date : Not reported
Capacity : 550
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : REG UNLEADED
Number Of Tanks : 7

Status : Not reported
Comp Number : 21783
Number : Not reported
Board Of Equalization : 44-000277
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-021783-000002
Actv Date : Not reported
Capacity : 1500
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : DIESEL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 21783
Number : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GROTH BROS OLDSMOBILE INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000405003

Board Of Equalization : 44-000277
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-021783-000003
Actv Date : Not reported
Capacity : 1500
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 21783
Number : Not reported
Board Of Equalization : 44-000277
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-021783-000004
Actv Date : Not reported
Capacity : 550
Tank Use : OIL
Stg : WASTE
Content : WASTE OIL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 21783
Number : Not reported
Board Of Equalization : 44-000277
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-021783-000005
Actv Date : Not reported
Capacity : 250
Tank Use : UNKNOWN
Stg : WASTE
Content : Not reported
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 21783
Number : Not reported
Board Of Equalization : 44-000277
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GROTH BROS OLDSMOBILE INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000405003

Swrcb Tank Id : 01-000-021783-000006
Actv Date : Not reported
Capacity : 280
Tank Use : UNKNOWN
Stg : PRODUCT
Content : Not reported
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 21783
Number : Not reported
Board Of Equalization : 44-000277
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-021783-000007
Actv Date : Not reported
Capacity : 280
Tank Use : UNKNOWN
Stg : PRODUCT
Content : Not reported
Number Of Tanks : Not reported

EMISSIONS :

Year : 1990
Facility ID : 3723
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smaller Tons/Yr: 0

Year : 1993
Facility ID : 3723
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GROTH BROS OLDSMOBILE INC (Continued)

1000405003

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1995
Facility ID : 3723
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1996
Facility ID : 3723
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1997
Facility ID : 3723
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GROTH BROS OLDSMOBILE INC (Continued)

1000405003

Year : 1998
Facility ID : 3723
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1999
Facility ID : 3723
Air District Code : BA
SIC Code : 7539
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2000
Facility ID : 3723
Air District Code : BA
SIC Code : 7539
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2001
Facility ID : 3723

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GROTH BROS OLDSMOBILE INC (Continued)

1000405003

Air District Code : BA
SIC Code : 7539
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2002
Facility ID : 3723
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2003
Facility ID : 3723
Air District Code : BA
SIC Code : 7532
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H44 NONE
NE 2920 4TH
1/4-1/2 LIVERMORE, CA 92516
1622 ft.

Notify 65 S100179249
N/A

Site 1 of 2 in cluster H

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: 92516

Actual:
501 ft.

H45 & W DEVELOPMENT
NE 2920 4TH ST
1/4-1/2 LIVERMORE, CA 94550
1643 ft.

HAZNET S105024492
LUST N/A
Cortese
CS

Site 2 of 2 in cluster H

Relative:
Higher

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-0810
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Soil only
Status: Case Closed
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)

Actual:
501 ft.

Confirm Leak: Not reported
Prelim Assess: 2/11/1993
Remed Plan: Not reported

Review Date: Not reported
Workplan: 2/11/1993
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 11/23/1994
Release Date: 8/29/1989
Cleanup Fund Id : Not reported
Discover Date : 8/28/1989
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 11/3/1989
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 3611
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-

MAP FINDINGS

Database(s)	EDR ID Number EPA ID Number
-------------	--------------------------------

& W DEVELOPMENT (Continued)

S105024492

Operator : Not reported
Oversight Prgm: LUST
Review Date : 2/28/1995
Stop Date : 8/28/1989
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0600100746
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : ARCHIVED 6/6/96 CONTROL NO 120-080 SRC 0904730

LUST Region 2:

Region:	2
Case Number:	3611
Facility Id:	01-0810
Facility Status:	Case Closed
How Discovered:	TC
Leak Cause:	Structure Failure
Leak Source:	Tank
Oversight Program:	LUST
Date Leak Confirmed:	Not reported
Prelim. Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	2/11/1993
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Remediation Action Underway:	Not reported

Alameda County Contaminated Sites:

Record Id : RO0001056
PE : 5602
Status : Case Closed

HAZNET:

Gepaid:	CAC002563340
TSD EPA ID:	CAT080033681
Gen County:	Alameda
Tsd County:	Alameda
Tons:	0.12
Facility Address 2:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Disposal, Land Fill
Contact:	PATTY ETSKIN
Telephone:	(925) 243-1084
Mailing Name:	Not reported
Mailing Address:	2853 SAN MINETE LIVERMORE, CA 94550
County	1

CORTESE:

Region: CORTESE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

& W DEVELOPMENT (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105024492

Fac Address 2: 2920 4th St

46
NNE
1/4-1/2
1662 ft.

PIT STOP AUTO REPAIR
2680 OLD FIRST ST
LIVERMORE, CA 94550

CA FID UST
HIST UST
SWRCY
SWEEPS UST

S105153694
N/A

Relative:
Lower

CA SWRCY

Actual:
496 ft.

Certification Status : O
Facility Phone Number : (925) 606-1435
Whether The Facility Is Grandfathered : Not reported
Convenience Zone Where Facility Located : 49
Convenience Zone Where Facility Located 2 : 0
Convenience Zone Where Facility Located 3 : 0
Convenience Zone Where Facility Located 4 : 0
Convenience Zone Where Facility Located 5 : 0
Convenience Zone Where Facility Located 6 : 0
Convenience Zone Where Facility Located 7 : 0
Aluminum Beverage Containers Redeemed : AL
Glass Beverage Containers Redeemed : GL
Plastic Beverage Containers Redeemed : PL
Other mat beverage containers redeemed : Not Accepted
Refillable Beverage Containers Redeemed : Not Accepted
Date facility became certified : 09/25/92
Date facility began operating (no date indicates never operational) : 09/26/92
Date facility ceased operating (no date indicates still operating) : / /

FID:

Facility ID: 01002239 Regulate ID: 00059101
Reg By: Inactive Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (415) 455-6891
Mail To: Not reported
2680 OLD FIRST ST
LIVERMORE, CA 94550
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

UST HIST:

Facility ID: 59101 Owner Name: JOE MORGENSTERN
Total Tanks: 4 Region: STATE
Owner Address: 6033 EAST AVE
LIVERMORE, CA 94550
Tank Used for: PRODUCT
Tank Num: 1 Container Num: 1
Tank Capacity: 00008000 Year Installed: Not reported
Type of Fuel: UNLEADED Tank Construction: Not Reported
Leak Detection: Sensor Instrument
Contact Name: JOE MORGENSTERN Telephone: (415) 455-6891
Facility Type: Gas Station Other Type: Not reported
Facility ID: 59101 Owner Name: JOE MORGENSTERN
Total Tanks: 4 Region: STATE
Owner Address: 6033 EAST AVE
LIVERMORE, CA 94550
Tank Used for: PRODUCT
Tank Num: 2 Container Num: 2

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

PIT STOP AUTO REPAIR (Continued)

S105153694

Tank Capacity: 00004000
Type of Fuel: PREMIUM
Leak Detection: Sensor Instrument
Contact Name: JOE MORGENSTERN
Facility Type: Gas Station

Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 455-6891
Other Type: Not reported

Facility ID: 59101
Total Tanks: 4
Owner Address: 6033 EAST AVE
LIVERMORE, CA 94550

Owner Name: JOE MORGENSTERN
Region: STATE

Tank Used for: PRODUCT
Tank Num: 3
Tank Capacity: 00010000
Type of Fuel: REGULAR
Leak Detection: Sensor Instrument
Contact Name: JOE MORGENSTERN
Facility Type: Gas Station

Container Num: 3
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 455-6891
Other Type: Not reported

Facility ID: 59101
Total Tanks: 4
Owner Address: 6033 EAST AVE
LIVERMORE, CA 94550

Owner Name: JOE MORGENSTERN
Region: STATE

Tank Used for: WASTE
Tank Num: 4
Tank Capacity: 00000500
Type of Fuel: WASTE OIL
Leak Detection: None
Contact Name: JOE MORGENSTERN
Facility Type: Gas Station

Container Num: 4
Year Installed: Not reported
Tank Construction: Not Reported

Telephone: (415) 455-6891
Other Type: Not reported

SWEEPS:

Status : Not reported
Comp Number : 59101
Number : Not reported
Board Of Equalization : 44-000587
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-059101-000001
Actv Date : Not reported
Capacity : 8000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : REG UNLEADED
Number Of Tanks : 4

Status : Not reported
Comp Number : 59101
Number : Not reported
Board Of Equalization : 44-000587
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-059101-000002

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PIT STOP AUTO REPAIR (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105153694

Actv Date : Not reported
Capacity : 4000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 59101
Number : Not reported
Board Of Equalization : 44-000587
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-059101-000003
Actv Date : Not reported
Capacity : 10000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : LEADED
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 59101
Number : Not reported
Board Of Equalization : 44-000587
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-059101-000004
Actv Date : Not reported
Capacity : 500
Tank Use : OIL
Stg : WASTE
Content : WASTE OIL
Number Of Tanks : Not reported

47
WNW
1/4-1/2
1941 ft.

RAILROAD AVENUE - LIVERMORE REDEVELOPMENT AGENCY
1950 RAILROAD AVE
LIVERMORE, CA 94550

CS S106880559
N/A

Relative:
Lower

Alameda County Contaminated Sites:

Record Id : RO0002670
PE : 5502
Status : No Action

Actual:
484 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

I48 ARROW RENTALS
WNW 187 NORTH L STREET
1/4-1/2 LIVERMORE, CA 92516
1961 ft.

Notify 65 S100179151
N/A

Site 1 of 2 in cluster I

Relative:
Lower

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported

Actual:
483 ft.

Board File Number: Not reported

Facility Type: Not reported

Discharge Date: Not reported

Incident Description: 92516

I49 ARROW RENTALS
WNW 187 N L ST
1/4-1/2 LIVERMORE, CA 94550
2022 ft.

LUST S102424662
Cortese N/A
CS
SWEEPS UST

Site 2 of 2 in cluster I

Relative:
Lower

State LUST:

Cross Street: Not reported

Qty Leaked: Not reported

Actual:
482 ft.

Case Number 01-0124

Reg Board: 2

Chemical: Gasoline

Lead Agency: Local Agency

Local Agency : 01000L

Case Type: Other ground water affected

Status: Preliminary site assessment underway

Abate Method: No Action Taken - no action has as yet been taken at the site

Review Date: 11/3/1992

Confirm Leak: 11/3/1992

Workplan: 1/2/1965

Prelim Assess: 1/2/1965

Pollution Char: Not reported

Remed Plan: Not reported

Remed Action: Not reported

Monitoring: Not reported

Close Date: Not reported

Release Date: 3/29/1989

Cleanup Fund Id : Not reported

Discover Date : 3/29/1989

Enforcement Dt : 11/3/1992

Enf Type: EF

Enter Date : 8/10/1989

Funding: Federal Funds

Staff Initials: JTW

How Discovered: Tank Closure

How Stopped: Not reported

Interim : No

Leak Cause: Structure Failure

Leak Source: Tank

MTBE Date : 1/2/1965

Max MTBE GW : 35 Parts per Billion

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected

Priority: Not reported

Local Case # : 4132

Beneficial: Not reported

Staff : BG

GW Qualifier : Not reported

Max MTBE Soil : Not reported

Soil Qualifier : Not reported

Hydr Basin #: Livermore Valley (2-

Operator : Not reported

Oversight Prgm: LUST

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARROW RENTALS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102424662

Review Date : 9/8/2000
Stop Date : 3/29/1989
Work Suspended : No
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0600100116
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To LUST: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : LOP UPDATE--10/21/93, POSSIBLE OFFSITE CONTAMINATION, WP
SUBMITTED 2/90.

LUST Region 2:

Region: 2
Case Number: 4132
Facility Id: 01-0124
Facility Status: Preliminary site assessment underway
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: 11/3/1992
Prelim. Site Assessment Workplan Submitted: 5/21/1990
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 Remediation Action Underway: Not reported

Alameda County Contaminated Sites:

Record Id : RO0000394
PE : 5602
Status : Leak being confirmed

CORTESE:

Region: CORTESE
Fac Address 2: 187 N L St

SWEEPS:

Status : A
Comp Number : 57582
Number : 1
Board Of Equalization : 44-000562
Ref Date : 02-11-93
Act Date : 11-16-93
Created Date : 02-29-88
Tank Status : A
Owner Tank Id : J163739
Swrcb Tank Id : 01-000-057582-000001
Actv Date : 02-11-93
Capacity : 1000
Tank Use : M.V. FUEL
Stg : P

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARROW RENTALS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102424662

Content : REG UNLEADED
Number Of Tanks : 1

50 LAIDLAW TRANSIT INC
NNE 2900 LADD AVE
1/4-1/2 LIVERMORE, CA 94550
2096 ft.

LUST S101580079
Cortese N/A
CA FID UST
CS
SWEEPS UST

Relative:
Lower

State LUST:

Actual:
494 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 01-0919
Reg Board: 2
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Other ground water affected
Status: Preliminary site assessment underway
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: Not reported
Workplan: 1/2/1965
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 6/15/1990
Cleanup Fund Id : Not reported
Discover Date : 6/15/1990
Enforcement Dt : 10/13/1992
Enf Type: EF
Enter Date : 12/14/1990
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : 1/2/1965
Max MTBE GW : 19 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 3095
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 9/8/2000
Stop Date : 6/15/1990
Work Suspended No
Responsible Party: BLANK RP
RP Address: Not reported
Global Id: T0600100844

Confirm Leak: Not reported
Prelim Assess: 1/2/1965
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LAIDLAW TRANSIT INC (Continued)

S101580079

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

LUST Region 2:

Region: 2
Case Number: 3095
Facility Id: 01-0919
Facility Status: Preliminary site assessment underway
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assesment Wokplan Submitted: 12/5/1990
Preliminary Site Assesment Began: 1/2/1965
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Alameda County Contaminated Sites:

Record Id : RO0000188
PE : 5602
Status : Pollution Characterization

CORTESE:

Region: CORTESE
Fac Address 2: 2900 LADD AVE

FID:

Facility ID: 01001036
Reg By: Inactive Underground Storage Tank Location
Cortese Code: Not reported
Status: Inactive
Mail To: Not reported
685 LAS POSITAS BLVD
LIVERMORE, CA 94550
Contact: Not reported
DUNs No: Not reported
Creation: 10/22/93
EPA ID: Not reported
Comments: Not reported
Regulate ID: 00058718
SIC Code: Not reported
Facility Tel: (510) 447-9500
Contact Tel: Not reported
NPDES No: Not reported
Modified: 00/00/00

SWEEPS:

Status : Not reported
Comp Number : 58718
Number : Not reported
Board Of Equalization : 44-000585
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LIDLAW TRANSIT INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101580079

Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-058718-000001
Actv Date : Not reported
Capacity : 10000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : DIESEL
Number Of Tanks : 3

Status : Not reported
Comp Number : 58718
Number : Not reported
Board Of Equalization : 44-000585
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-058718-000002
Actv Date : Not reported
Capacity : 10000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : DIESEL
Number Of Tanks : Not reported

Status : Not reported
Comp Number : 58718
Number : Not reported
Board Of Equalization : 44-000585
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 01-000-058718-000003
Actv Date : Not reported
Capacity : 10000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : DIESEL
Number Of Tanks : Not reported

J51 UNOCAL
West 1771 1ST ST
1/4-1/2 LIVERMORE, CA 94550
2279 ft.

Site 1 of 2 in cluster J

Relative:
Lower

Actual:
484 ft.

HAZNET:
Gepaid: CAL000179207
TSD EPA ID: CAD028409019
Gen County: Alameda
Tsd County: Alameda
Tons: 0.16
Facility Address 2: Not reported
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Treatment, Tank
Contact: HAZMAT SPECIALIST

HAZNET 1000167239
Cortese N/A
CA FID UST
HIST UST

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNOCAL (Continued)

EDR ID Number
EPA ID Number

1000167239

Telephone: (602) 728-4180
Mailing Name: Not reported
Mailing Address: PO BOX 52085
PHOENIX, AZ 85072 - 2085
County 1

CORTESE:
Region: CORTESE
Fac Address 2: 1771 1ST ST

FID:
Facility ID: 01002540 Regulate ID: 00006054
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: Not reported
Mail To: Not reported
1771 001ST ST
LIVERMORE, CA 94550
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

UST HIST:
Facility ID: 6054 Owner Name: UNION OIL CO.
Total Tanks: 2 Region: STATE
Owner Address: 1 CALIFORNIA ST. SUITE 2700
SAN FRANCISCO, CA 94111
Tank Used for: PRODUCT
Tank Num: 1 Container Num: 4186-1-1
Tank Capacity: 00010000 Year Installed: 1979
Type of Fuel: UNLEADED Tank Construction: Not Reported
Leak Detection: Stock Inventor
Contact Name: GARY MC ELROY Telephone: (415) 455-0121
Facility Type: Gas Station Other Type: Not reported
Facility ID: 6054 Owner Name: UNION OIL CO.
Total Tanks: 2 Region: STATE
Owner Address: 1 CALIFORNIA ST. SUITE 2700
SAN FRANCISCO, CA 94111
Tank Used for: PRODUCT
Tank Num: 2 Container Num: 4186-2-1
Tank Capacity: 00010000 Year Installed: 1979
Type of Fuel: PREMIUM Tank Construction: Not Reported
Leak Detection: Stock Inventor
Contact Name: GARY MC ELROY Telephone: (415) 455-0121
Facility Type: Gas Station Other Type: Not reported

J52 UNOCAL #4186
West 1771 1ST ST
1/4-1/2 LIVERMORE, CA 94550
2279 ft.

LUST S105871038
CS N/A

Site 2 of 2 in cluster J

Relative:
Lower

State LUST:
Cross Street: N ST
Qty Leaked: Not reported
Case Number Jan-17
Reg Board: 2

Actual:
484 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL #4186 (Continued)

S105871038

Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Other ground water affected
Status: Leak being confirmed
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 6/24/1993 Confirm Leak: 6/24/1993
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 1/27/1998
Cleanup Fund Id : Not reported
Discover Date : 6/24/1993
Enforcement Dt : Not reported
Enf Type: NONE
Enter Date : 6/14/1994
Funding: Federal Funds
Staff Initials: JTW
How Discovered: Tank Closure
How Stopped: Not reported
Interim : No
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 1/2/1965
Max MTBE GW : 42000 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 4121
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 8/2/2001
Stop Date : 6/24/1993
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0600101777
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 8000 PPB MTBE IN SOIL.

LUST Region 2:

Region: 2
Case Number: 4121

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNOCAL #4186 (Continued)

S105871038

Facility Id: 01-1917
Facility Status: Leak being confirmed
How Discovered: TC
Leak Cause: UNK
Leak Source: UNK
Oversight Program: LUST
Date Leak Confirmed: 6/24/1993
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 Remediation Action Underway: Not reported

Alameda County Contaminated Sites:

Record Id : RO0000436
PE : 5602
Status : Leak being confirmed

53
West
1/4-1/2
2375 ft.

MILL SPRINGS PARK APARTME
1809 RAILROAD
LIVERMORE, CA

LUST S102433385
Cortese N/A
CS

Relative:
Lower

State LUST:

Actual:
480 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 01-0973
Reg Board: 2
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Other ground water affected
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: Not reported
Workplan: Not reported
Pollution Char: 10/3/1988
Remed Action: Not reported
Monitoring: Not reported
Close Date: 12/24/1993
Release Date: 9/29/1988
Cleanup Fund Id : Not reported
Discover Date : 9/29/1988
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 8/6/1988
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: 10/3/1988

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MILL SPRINGS PARK APARTME (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102433385

Local Case # : 01-0973
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 12/24/1993
Stop Date : 9/29/1988
Work Suspended No
Responsible Party BLANK RP
RP Address: Not reported
Global Id: T0600100896
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : ARCHIVED 6/6/96 CONTROL NO 120-082 SRC 0904732

LUST Region 2:

Region: 2
Case Number: 01-0973
Facility Id: 01-0973
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: Not reported
Prelim. Site Assessment Wokplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: 10/3/1988
Date Remediation Action Underway: Not reported
Date Remediation Action Underway: Not reported

Alameda County Contaminated Sites:

Record Id : RO0002768
PE : 5502
Status : Case Closed

CORTESE:

Region: CORTESE
Fac Address 2: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K54 UNOCAL
SE 900 LIVERMORE AVE S
1/4-1/2 LIVERMORE, CA 94550
2434 ft.

LUST S104396749
Cortese N/A

Site 1 of 2 in cluster K

Relative:
Higher

State LUST:

Actual:
520 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1617
Reg Board: 2
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 01000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 11/23/1994
Release Date: 10/26/1987
Cleanup Fund Id : Not reported
Discover Date : 10/26/1987
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 10/30/1992
Funding: Federal Funds
Staff Initials: AG
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 4361
Beneficial: Not reported
Staff : BG
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Livermore Valley (2-
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2/28/1995
Stop Date : 10/26/1987
Work Suspended :No
Responsible Party:BLANK RP
RP Address: Not reported
Global Id: T0600101492
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNOCAL (Continued)

S104396749

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : ARCHIVED 6/6/96 CONTROL NO 120-091 SRC 0904741

LUST Region 2:

Region: 2
Case Number: 4361
Facility Id: 01-1617
Facility Status: Case Closed
How Discovered: TC
Leak Cause: Structure Failure
Leak Source: Tank
Oversight Program: LUST
Date Leak Confirmed: Not reported
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 Remediation Action Underway: Not reported

CORTESE:

Region: CORTESE
Fac Address 2: 900 LIVERMORE AVE S

K55 UNOCAL SVC STA #4667
SE 900 SO LIVERMORE AVE
1/4-1/2 LIVERMORE, CA 94550
2434 ft.

Site 2 of 2 in cluster K

RCRA-SQG 1000167053
FINDS CAD981991938
CA FID UST
HIST UST
CS
SWEEPS UST

Relative:
Higher

Actual:
520 ft.

RCRAInfo:

Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981991938
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

Alameda County Contaminated Sites:

Record Id : RO0000904
PE : 5602
Status : Case Closed

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNOCAL SVC STA #4667 (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000167053

FID:

Facility ID:	01001725	Regulate ID:	00007104
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	Not reported
Mail To:	Not reported		
	900 S LIVERMORE AVE		
	LIVERMORE, CA 94550		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	7104	Owner Name:	UNION OIL CO.
Total Tanks:	3	Region:	STATE
Owner Address:	1 CALIFORNIA ST. SUITE 2700		
	SAN FRANCISCO, CA 94111		
Tank Used for:	PRODUCT		
Tank Num:	1	Container Num:	4667-1-1
Tank Capacity:	00010000	Year Installed:	1979
Type of Fuel:	UNLEADED	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor		
Contact Name:	GEORGE MING/CHIU KWONG	Telephone:	(415) 443-8250
Facility Type:	Gas Station	Other Type:	Not reported

Facility ID:	7104	Owner Name:	UNION OIL CO.
Total Tanks:	3	Region:	STATE
Owner Address:	1 CALIFORNIA ST. SUITE 2700		
	SAN FRANCISCO, CA 94111		
Tank Used for:	PRODUCT		
Tank Num:	2	Container Num:	4667-2-1
Tank Capacity:	00010000	Year Installed:	1979
Type of Fuel:	PREMIUM	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor		
Contact Name:	GEORGE MING/CHIU KWONG	Telephone:	(415) 443-8250
Facility Type:	Gas Station	Other Type:	Not reported

Facility ID:	7104	Owner Name:	UNION OIL CO.
Total Tanks:	3	Region:	STATE
Owner Address:	1 CALIFORNIA ST. SUITE 2700		
	SAN FRANCISCO, CA 94111		
Tank Used for:	WASTE		
Tank Num:	3	Container Num:	4667-4-1
Tank Capacity:	00000550	Year Installed:	Not reported
Type of Fuel:	WASTE OIL	Tank Construction:	Not Reported
Leak Detection:	Stock Inventor		
Contact Name:	GEORGE MING/CHIU KWONG	Telephone:	(415) 443-8250
Facility Type:	Gas Station	Other Type:	Not reported

Facility ID:	7104	Owner Name:	UNION OIL CO.
Total Tanks:	3	Region:	STATE
Owner Address:	1 CALIFORNIA ST. SUITE 2700		
	SAN FRANCISCO, CA 94111		
Tank Used for:	WASTE		
Tank Num:	4	Container Num:	4667-10-1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

UNOCAL SVC STA #4667 (Continued)

1000167053

Tank Capacity:	00000000	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	6 inches
Leak Detection:	Visual		
Contact Name:	GEORGE MING/CHIU KWONG	Telephone:	(415) 443-8250
Facility Type:	Gas Station	Other Type:	Not reported

SWEEPS:

Status :	Not reported
Comp Number :	7104
Number :	Not reported
Board Of Equalization :	44-000051
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-000-007104-000001
Actv Date :	Not reported
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	REG UNLEADED
Number Of Tanks :	3

Status :	Not reported
Comp Number :	7104
Number :	Not reported
Board Of Equalization :	44-000051
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-000-007104-000002
Actv Date :	Not reported
Capacity :	10000
Tank Use :	M.V. FUEL
Stg :	PRODUCT
Content :	REG UNLEADED
Number Of Tanks :	Not reported

Status :	Not reported
Comp Number :	7104
Number :	Not reported
Board Of Equalization :	44-000051
Ref Date :	Not reported
Act Date :	Not reported
Created Date :	Not reported
Tank Status :	Not reported
Owner Tank Id :	Not reported
Swrcb Tank Id :	01-000-007104-000003
Actv Date :	Not reported
Capacity :	550
Tank Use :	OIL
Stg :	WASTE
Content :	WASTE OIL
Number Of Tanks :	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

56
NE
1/2-1
3436 ft.

LIVERMORE GUNNERY RANGE
LIVERMORE, CA

FUDS 1007211945
N/A

Relative:
Higher

FUDS:

Federal Facility ID: CA9799FA306
Facility Name: LIVERMORE GUNNERY RANGE
City: LIVERMORE
State: CA
EPA Region: 9
County: ALAMEDA
Congressional District: 10
US Army District: Sacramento District (SPK)
Fiscal Year: 2004
First Name: Not reported
Last name: Not reported
Phone: 916-557-7461
Inst ID: 53495
CTC: Not reported
RAB: Not reported

Actual:
515 ft.

57
West
1/2-1
4080 ft.

MOSC, PAUL'S SPA KLE CLEANES
1332 RAILROAD AVENUE
LIVERMORE, CA 94550

Notify 65 S100562418
EMI N/A

Relative:
Lower

NOTIFY 65:

Date Reported: 06/22/1993 Staff Initials: LF
Board File Number: 002930004
Facility Type: soil
Discharge Date: Not reported
Incident Description: 94550-3015Based on a Remedial Investigat ion done in the general area, encompass ing the site, by an adjacent property

Actual:
467 ft.

EMISSIONS :

Year : 1987
Facility ID : 863
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr: 0

Year : 1990
Facility ID : 863
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MOSC, PAUL'S SPA KLE CLEANES (Continued)

S100562418

Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1996
Facility ID : 863
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1997
Facility ID : 863
Air District Code : BA
SIC Code : 7216
Air Basin : SF
Air District Name : BAY AREA AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 1
County ID : 1
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	ELEV.	TYPE
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Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

EDR Historical Gas Station & Dry Cleaner Search: No mapped sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.250 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COUNTY	U001597353	SAN ANTONE FOREST FIRE STATION	SAN ANTONIO VALLEY ROAD	94550	HIST UST
COUNTY	S101623818	SAN ANTONE FOREST FIRE STATION	SAN ANTONIO VALLEY RD	94550	CA FID UST, SWEEPS UST
LIVERMORE	S105024491	NORTH K ASSOCIATES	2322 38 1ST ST	94550	LUST, Cortese
LIVERMORE	S106784877	ALCO CORP YARD & AG COMMISION FIELD OFFICE	2376 / 2418 RAILROAD AVE	94550	CS
LIVERMORE	1003878884	PG&E GAS PLANT LIVERMORE	200 TO 375 FT W OF N ST @RR	94550	CERC-NFRAP
LIVERMORE	S106716689	LAWRENCE LIVERMORE LAB DOE	7000 EAST AVE	94550	LUST
LIVERMORE	U001597355	SANDIA NATIONAL LABORATORIES	EAST AVENUE	94550	HIST UST
LIVERMORE	S105645580		1771 FIRST ST	94550	CHMIRS, SWEEPS UST
LIVERMORE	S104575479	CLARKS AUTOMOTIVE SERVICE	3567 FRIST	94550	HAZNET
LIVERMORE	1005441279	CHEVRON STATION 91924	4904 S FRONT ST	94550	RCRA-SQG, FINDS
LIVERMORE	S106086111	CALIFORNIA WATER SERVICE COMPANY	971421 GENEVA ST	94550	HAZNET
LIVERMORE	S105024483	76 STATION #6005	1250 KITTYHWAK	94550	Cortese
LIVERMORE	1007737725	RETAIL SHELL SERVICE STATION	4530 LAS POSITAS	94550	FINDS, HAZNET
LIVERMORE	S105481839	LIVERMORE SENIOR HOUSING	EAST OF MURRIETA BLVD.	94550	DEED, VCP
LIVERMORE	S106661535	CALIFORNIA SPEED SPORTS	2589 OLD FIRST ST	94550	CLEANERS
LIVERMORE	S106923157	BEACON OIL #719	2620 E OLD FIRST ST	94550	SWEEPS UST
LIVERMORE	S106928721	LIVERMORE GERMAN AUTO	2730 OLD FIRST ST	94550	SWEEPS UST
LIVERMORE	S106880565	LIVERMORE ARCADE SHOPPING CENTER	S P / 1ST ST	94550	CS
LIVERMORE	S106088314	CALIFORNIA WATER SERVICE COMPANY	PARC# 9931575	94550	HAZNET
LIVERMORE	S106448344	SHELL #13-5441	1155 PORTOLA AVENUE	94550	LUST
LIVERMORE	1003879288	CALIFORNIA WATER SERV WELL #10-01	RICHEN AVE & SUNSET DRIVE	94550	CERC-NFRAP
LIVERMORE	U003939019	CHEVRON STATION #91924	9404 SOUTHFRONT ST	94550	UST
LIVERMORE	S106661029	LIVERMORE HONDA	3884 1ST ST	94551	CS
LIVERMORE	S105870851	RYNCK TIRE	1682 1ST ST	94550	CS
LIVERMORE	S106661030	NORTH K ASSOCIATES	2322-38 1ST ST	94550	CS
LIVERMORE	S106931772	SAN ANTONE VALLEY RANCH CORP.	STAR RT BOX 53	94551	SWEEPS UST
LIVERMORE	S106447965	LIVERMORE HONDA	3884 1ST STREET	94551	LUST
LIVERMORE	S105030886	INDUSTRIAL LAUNDRY SERVICE	2127 S VASCO RD STE E	94550	CLEANERS
LIVERMORE	S106661050	J&W DEVELOPMENT WOOD ST	330 WOOD ST	94550	CS
PALM SPRINGS	U003713114	DOWNTOWN SHELL	300 INDIAN CANYON DR	94550	LUST, Cortese, UST, INDIAN UST
PENNGROVE	S103678023	HELMICK RESIDENCE	9950 OAK ST	94551	HAZNET, LUST, Cortese
TRACY	U001597325	LAWRENCE LIVERMORE NATIONAL LA	CORRAL HOLLOW ROAD	94550	Cal-Sites, AWP, HIST UST
TRACY	S106610908	CHEVRON	UNKNOWN I 580 / GRANTLINE RD	94550	LUST

EPA Waste Codes Addendum

Code	Description
D001	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.
D018	BENZENE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/01/05
Date Data Arrived at EDR: 11/02/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 11/02/05
Next Scheduled EDR Contact: 01/30/06
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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/27/05
Date Data Arrived at EDR: 11/02/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 11/02/05
Next Scheduled EDR Contact: 01/30/06
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/01/05
Date Data Arrived at EDR: 11/02/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 11/02/05
Next Scheduled EDR Contact: 01/30/06
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Date Data Arrived at EDR: 02/02/94
Date Made Active in Reports: 03/30/94
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/19/05
Date Data Arrived at EDR: 10/21/05
Date Made Active in Reports: 10/27/05
Number of Days to Update: 6

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 10/21/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 08/22/05
Date Data Arrived at EDR: 09/20/05
Date Made Active in Reports: 10/27/05
Number of Days to Update: 37

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 09/20/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 10/13/05
Date Data Arrived at EDR: 10/27/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 41

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 01/16/06
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/14/05
Date Data Arrived at EDR: 10/27/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 41

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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

Date of Government Version: 10/14/05
Date Data Arrived at EDR: 10/27/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 41

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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Date of Government Version: 10/14/05
Date Data Arrived at EDR: 10/27/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 41

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/04
Date Data Arrived at EDR: 01/27/05
Date Made Active in Reports: 03/24/05
Number of Days to Update: 56

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 01/27/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/27/05
Date Data Arrived at EDR: 10/18/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/18/05
Next Scheduled EDR Contact: 01/16/06
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/02/05
Date Data Arrived at EDR: 08/12/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 01/02/06
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: 01/10/05
Date Data Arrived at EDR: 02/11/05
Date Made Active in Reports: 04/06/05
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 01/03/05
Next Scheduled EDR Contact: 10/03/05
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: 10/01/03
Date Data Arrived at EDR: 11/12/03
Date Made Active in Reports: 11/21/03
Number of Days to Update: 9

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 08/09/05
Next Scheduled EDR Contact: 11/07/05
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: 12/31/04
Date Data Arrived at EDR: 06/29/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 40

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/29/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/18/05
Date Data Arrived at EDR: 08/18/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/11/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/04
Date Data Arrived at EDR: 02/15/05
Date Made Active in Reports: 04/25/05
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/27/05
Next Scheduled EDR Contact: 10/24/05
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: 06/08/05
Date Data Arrived at EDR: 10/20/05
Date Made Active in Reports: 12/07/05
Number of Days to Update: 48

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/06/05
Next Scheduled EDR Contact: 01/02/06
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04
Date Data Arrived at EDR: 01/07/05
Date Made Active in Reports: 03/14/05
Number of Days to Update: 66

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/21/04
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/85
Date Data Arrived at EDR: 08/09/04
Date Made Active in Reports: 09/17/04
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 05/23/95
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/03
Date Data Arrived at EDR: 07/13/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 07/13/05
Next Scheduled EDR Contact: 12/19/05
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: 12/31/02
Date Data Arrived at EDR: 04/27/04
Date Made Active in Reports: 05/21/04
Number of Days to Update: 24

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
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: 07/15/05
Date Data Arrived at EDR: 10/31/05
Date Made Active in Reports: 12/20/05
Number of Days to Update: 50

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

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

Date of Government Version: 07/15/05
Date Data Arrived at EDR: 10/31/05
Date Made Active in Reports: 12/20/05
Number of Days to Update: 50

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 01/03/05
Date Made Active in Reports: 01/25/05
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/29/04
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Annually

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: 08/30/05
Date Data Arrived at EDR: 09/13/05
Date Made Active in Reports: 10/27/05
Number of Days to Update: 44

Source: EPA
Telephone: 202-564-3887
Last EDR Contact: 09/13/05
Next Scheduled EDR Contact: 11/07/05
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: 07/14/05
Date Data Arrived at EDR: 10/31/05
Date Made Active in Reports: 12/20/05
Number of Days to Update: 50

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/03/05
Next Scheduled EDR Contact: 01/02/06
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/12/05
Date Data Arrived at EDR: 09/27/05
Date Made Active in Reports: 11/14/05
Number of Days to Update: 48

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Semi-Annually

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: 09/29/05
Date Data Arrived at EDR: 10/04/05
Date Made Active in Reports: 11/14/05
Number of Days to Update: 41

Source: EPA
Telephone: N/A
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 01/02/06
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: 04/17/95
Date Data Arrived at EDR: 07/03/95
Date Made Active in Reports: 08/07/95
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
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: 12/31/03
Date Data Arrived at EDR: 06/17/05
Date Made Active in Reports: 08/04/05
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/17/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE AND LOCAL RECORDS

AWP: Annual Workplan Sites

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 23

Source: California Environmental Protection Agency
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Annually

CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
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: 07/01/95
Date Data Arrived at EDR: 08/30/95
Date Made Active in Reports: 09/26/95
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 08/01/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/89
Date Data Arrived at EDR: 07/27/94
Date Made Active in Reports: 08/02/94
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/94
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NFA: No Further Action Determination

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Quarterly

NFE: Properties Needing Further Evaluation

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA In Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

REF: Unconfirmed Properties Referred to Another Agency

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Quarterly

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
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: 02/01/01
Date Data Arrived at EDR: 02/28/01
Date Made Active in Reports: 03/29/01
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/04
Date Data Arrived at EDR: 10/20/04
Date Made Active in Reports: 11/19/04
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Date of Government Version: 05/19/03
Date Data Arrived at EDR: 05/19/03
Date Made Active in Reports: 06/02/03
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 08/15/05
Next Scheduled EDR Contact: 11/14/05
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/04
Date Data Arrived at EDR: 09/07/04
Date Made Active in Reports: 10/12/04
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/05
Date Data Arrived at EDR: 10/20/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 11

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 10/20/05
Next Scheduled EDR Contact: 01/02/06
Data Release Frequency: Quarterly

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: 09/09/03
Date Data Arrived at EDR: 09/10/03
Date Made Active in Reports: 10/07/03
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/05
Date Data Arrived at EDR: 06/07/05
Date Made Active in Reports: 06/29/05
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491
Last EDR Contact: 05/23/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/04
Date Data Arrived at EDR: 02/26/04
Date Made Active in Reports: 03/24/04
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/05
Date Data Arrived at EDR: 02/15/05
Date Made Active in Reports: 03/28/05
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
Last EDR Contact: 02/08/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Varies

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: 03/01/01
Date Data Arrived at EDR: 04/23/01
Date Made Active in Reports: 05/21/01
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 09/12/05
Date Data Arrived at EDR: 09/13/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 23

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 09/13/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 09/19/05
Date Data Arrived at EDR: 09/20/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 16

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 09/20/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00
Date Data Arrived at EDR: 04/10/00
Date Made Active in Reports: 05/10/00
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 04/01/01
Date Data Arrived at EDR: 05/29/01
Date Made Active in Reports: 07/26/01
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
Last EDR Contact: 07/26/05
Next Scheduled EDR Contact: 10/24/05
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.

Date of Government Version: 10/10/05
Date Data Arrived at EDR: 10/10/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 21

Source: State Water Resources Control Board
Contact: Alameda County Environmental Health, (510) 567-6721
Last EDR Contact: 10/10/05
Next Scheduled EDR Contact: 01/09/06
Data Release Frequency: Quarterly

SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 10/10/05
Date Data Arrived at EDR: 10/10/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 21

Source: State Water Resources Control Board
Contact: Alameda County Environmental Health, (510) 567-6721
Last EDR Contact: 10/10/05
Next Scheduled EDR Contact: 01/09/06
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/10/05
Date Data Arrived at EDR: 10/10/05
Date Made Active in Reports: 11/18/05
Number of Days to Update: 39

Source: SWRCB
Contact: Alameda County Environmental Health, (510) 567-6721
Last EDR Contact: 10/10/05
Next Scheduled EDR Contact: 01/09/06
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/31/94
Date Data Arrived at EDR: 09/05/95
Date Made Active in Reports: 09/29/95
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/98
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 10/15/90
Date Data Arrived at EDR: 01/25/91
Date Made Active in Reports: 02/12/91
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/01
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 10/03/05
Date Data Arrived at EDR: 10/10/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 21

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 10/10/05
Next Scheduled EDR Contact: 01/09/06
Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/05
Date Data Arrived at EDR: 11/23/05
Date Made Active in Reports: 12/15/05
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 11/22/05
Next Scheduled EDR Contact: 01/30/06
Data Release Frequency: Quarterly

SLIC REG 1: Active Toxic Site Investigations

Date of Government Version: 04/03/03
Date Data Arrived at EDR: 04/07/03
Date Made Active in Reports: 04/25/03
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/04
Date Data Arrived at EDR: 10/20/04
Date Made Active in Reports: 11/19/04
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Quarterly

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 08/19/05
Date Data Arrived at EDR: 11/16/05
Date Made Active in Reports: 12/12/05
Number of Days to Update: 26

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 11/14/05
Next Scheduled EDR Contact: 02/13/06
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/04
Date Data Arrived at EDR: 11/18/04
Date Made Active in Reports: 01/04/05
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/05
Date Data Arrived at EDR: 04/05/05
Date Made Active in Reports: 04/21/05
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 04/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 05/24/05
Date Data Arrived at EDR: 05/25/05
Date Made Active in Reports: 06/16/05
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 04/18/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

Date of Government Version: 09/07/04
Date Data Arrived at EDR: 09/07/04
Date Made Active in Reports: 10/12/04
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

Date of Government Version: 11/24/04
Date Data Arrived at EDR: 11/29/04
Date Made Active in Reports: 01/04/05
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 07/01/04
Date Data Arrived at EDR: 08/10/04
Date Made Active in Reports: 09/08/04
Number of Days to Update: 29

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 09/28/05
Date Data Arrived at EDR: 09/29/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 32

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 09/26/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Annually

SWEEPS UST: SWEEPS UST Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/94
Date Data Arrived at EDR: 07/07/05
Date Made Active in Reports: 08/11/05
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/05
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 05/18/04
Date Made Active in Reports: 06/25/04
Number of Days to Update: 38

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/93
Date Data Arrived at EDR: 11/01/93
Date Made Active in Reports: 11/19/93
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 07/19/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 10/03/05
Date Data Arrived at EDR: 10/03/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/03/05
Next Scheduled EDR Contact: 01/02/06
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Quarterly

CLEANERS: 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/18/05
Date Data Arrived at EDR: 04/18/05
Date Made Active in Reports: 05/06/05
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 04/15/05
Next Scheduled EDR Contact: 10/03/05
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: 11/07/05
Date Data Arrived at EDR: 11/07/05
Date Made Active in Reports: 11/29/05
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 11/07/05
Next Scheduled EDR Contact: 01/23/06
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: 12/31/03
Date Data Arrived at EDR: 10/11/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 20

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 08/23/05
Next Scheduled EDR Contact: 11/07/05
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: 12/31/03
Date Data Arrived at EDR: 07/19/05
Date Made Active in Reports: 08/11/05
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 07/19/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03
Date Data Arrived at EDR: 11/12/03
Date Made Active in Reports: 11/21/03
Number of Days to Update: 9

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/09/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-Annually

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/07/05
Date Data Arrived at EDR: 09/08/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 53

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/25/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/02/05
Date Data Arrived at EDR: 06/03/05
Date Made Active in Reports: 07/01/05
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/25/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 04/18/05
Date Data Arrived at EDR: 11/09/05
Date Made Active in Reports: 12/12/05
Number of Days to Update: 33

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/21/05
Next Scheduled EDR Contact: 02/20/06
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

Date of Government Version: 11/15/05
Date Data Arrived at EDR: 12/05/05
Date Made Active in Reports: 12/28/05
Number of Days to Update: 23

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: 12/05/05
Next Scheduled EDR Contact: 03/13/06
Data Release Frequency: No Update Planned

COUNTY RECORDS

ALAMEDA COUNTY:

Underground Tanks

Date of Government Version: 06/28/05
Date Data Arrived at EDR: 11/10/05
Date Made Active in Reports: 12/08/05
Number of Days to Update: 28

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/24/05
Next Scheduled EDR Contact: 01/23/06
Data Release Frequency: Semi-Annually

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: 08/16/05
Date Data Arrived at EDR: 11/15/05
Date Made Active in Reports: 12/12/05
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/24/05
Next Scheduled EDR Contact: 01/23/06
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: 08/29/05
Date Data Arrived at EDR: 08/30/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 37

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FRESNO COUNTY:

CUPA Resources List

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

Date of Government Version: 10/17/05
Date Data Arrived at EDR: 10/18/05
Date Made Active in Reports: 11/29/05
Number of Days to Update: 42

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/18/05
Next Scheduled EDR Contact: 02/06/06
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 10/10/05
Date Data Arrived at EDR: 10/12/05
Date Made Active in Reports: 11/18/05
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/10/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Date of Government Version: 02/01/05
Date Data Arrived at EDR: 02/18/05
Date Made Active in Reports: 03/28/05
Number of Days to Update: 38

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 02/18/05
Next Scheduled EDR Contact: 11/14/05
Data Release Frequency: Varies

City of El Segundo Underground Storage Tank

Date of Government Version: 08/29/05
Date Data Arrived at EDR: 11/14/05
Date Made Active in Reports: 12/08/05
Number of Days to Update: 24

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 11/14/05
Next Scheduled EDR Contact: 02/13/06
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Date of Government Version: 03/28/03
Date Data Arrived at EDR: 10/23/03
Date Made Active in Reports: 11/26/03
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 08/16/05
Date Data Arrived at EDR: 12/01/05
Date Made Active in Reports: 12/16/05
Number of Days to Update: 15

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 11/28/05
Next Scheduled EDR Contact: 02/13/06
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Los Angeles Landfills

Date of Government Version: 03/01/05
Date Data Arrived at EDR: 03/18/05
Date Made Active in Reports: 04/08/05
Number of Days to Update: 21

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 03/18/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Varies

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 08/31/05
Date Data Arrived at EDR: 10/26/05
Date Made Active in Reports: 11/29/05
Number of Days to Update: 34

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/03/05
Next Scheduled EDR Contact: 02/13/06
Data Release Frequency: Semi-Annually

Site Mitigation List

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

Date of Government Version: 05/25/05
Date Data Arrived at EDR: 05/27/05
Date Made Active in Reports: 07/01/05
Number of Days to Update: 35

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 05/16/05
Next Scheduled EDR Contact: 11/14/05
Data Release Frequency: Annually

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Date Data Arrived at EDR: 07/07/99
Date Made Active in Reports: N/A
Number of Days to Update: 35

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 07/06/99
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/26/05
Date Made Active in Reports: 09/28/05
Number of Days to Update: 33

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 08/01/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

Date of Government Version: 09/28/05
Date Data Arrived at EDR: 09/29/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 32

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/26/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/28/05
Date Data Arrived at EDR: 09/29/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 32

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/26/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Annually

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/05
Date Data Arrived at EDR: 09/19/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/09/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/05
Date Data Arrived at EDR: 09/19/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 42

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/09/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 09/01/05
Date Data Arrived at EDR: 09/19/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/09/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Annually

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/12/05
Date Data Arrived at EDR: 10/12/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 19

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
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: 09/15/05
Date Data Arrived at EDR: 11/23/05
Date Made Active in Reports: 12/12/05
Number of Days to Update: 19

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 10/17/05
Next Scheduled EDR Contact: 01/16/06
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Tank List

Date of Government Version: 09/15/05
Date Data Arrived at EDR: 11/23/05
Date Made Active in Reports: 12/16/05
Number of Days to Update: 23

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 10/17/05
Next Scheduled EDR Contact: 01/16/06
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS - Contaminated Sites

Date of Government Version: 08/19/05
Date Data Arrived at EDR: 09/02/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 34

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/26/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 07/25/05
Date Data Arrived at EDR: 08/19/05
Date Made Active in Reports: 09/13/05
Number of Days to Update: 25

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/05/05
Next Scheduled EDR Contact: 10/31/05
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: 09/20/05
Date Data Arrived at EDR: 09/20/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 16

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Date Data Arrived at EDR: 12/13/01
Date Made Active in Reports: 01/15/02
Number of Days to Update: 33

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

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.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/05
Date Data Arrived at EDR: 05/18/05
Date Made Active in Reports: 06/16/05
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/11/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Quarterly

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Date of Government Version: 09/07/05
Date Data Arrived at EDR: 09/08/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 28

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

Underground Storage Tank Information

Date of Government Version: 09/07/05
Date Data Arrived at EDR: 09/08/05
Date Made Active in Reports: 10/20/05
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

SAN MATEO COUNTY:

Fuel Leak List

Date of Government Version: 08/11/05
Date Data Arrived at EDR: 11/28/05
Date Made Active in Reports: 12/12/05
Number of Days to Update: 14

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 11/28/05
Next Scheduled EDR Contact: 01/09/06
Data Release Frequency: Semi-Annually

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 08/17/05
Date Data Arrived at EDR: 08/17/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 35

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Annually

SANTA CLARA COUNTY:

LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 10/24/05
Date Data Arrived at EDR: 11/28/05
Date Made Active in Reports: 12/12/05
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 10/24/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: No Update Planned

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/29/05
Date Data Arrived at EDR: 03/30/05
Date Made Active in Reports: 04/21/05
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Semi-Annually

Hazardous Material Facilities

Date of Government Version: 09/13/05
Date Data Arrived at EDR: 09/13/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 23

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

Date of Government Version: 10/13/05
Date Data Arrived at EDR: 10/31/05
Date Made Active in Reports: 11/29/05
Number of Days to Update: 29

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/12/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 06/28/05
Date Data Arrived at EDR: 10/31/05
Date Made Active in Reports: 12/08/05
Number of Days to Update: 38

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/12/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 10/01/05
Date Data Arrived at EDR: 10/24/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 7

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 10/24/05
Next Scheduled EDR Contact: 01/23/06
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 01/29/04
Date Data Arrived at EDR: 01/29/04
Date Made Active in Reports: 02/23/04
Number of Days to Update: 25

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/05
Date Data Arrived at EDR: 09/20/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/09/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/30/05
Date Data Arrived at EDR: 09/26/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 35

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/13/05
Next Scheduled EDR Contact: 12/12/05
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: 09/28/05
Date Data Arrived at EDR: 10/27/05
Date Made Active in Reports: 11/18/05
Number of Days to Update: 22

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/12/05
Next Scheduled EDR Contact: 01/09/06
Data Release Frequency: Quarterly

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: 08/30/05
Date Data Arrived at EDR: 09/29/05
Date Made Active in Reports: 10/31/05
Number of Days to Update: 32

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/13/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 07/19/05
Date Data Arrived at EDR: 11/16/05
Date Made Active in Reports: 12/08/05
Number of Days to Update: 22

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 10/17/05
Next Scheduled EDR Contact: 01/16/06
Data Release Frequency: Annually

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and 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 dry cleaning and 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, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

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

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

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

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORMER SHELL SERVICE STATION
318 S. LIVERMORE AVENUE
LIVERMORE, CA 94550

TARGET PROPERTY COORDINATES

Elevation: 498 ft. above sea level

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).

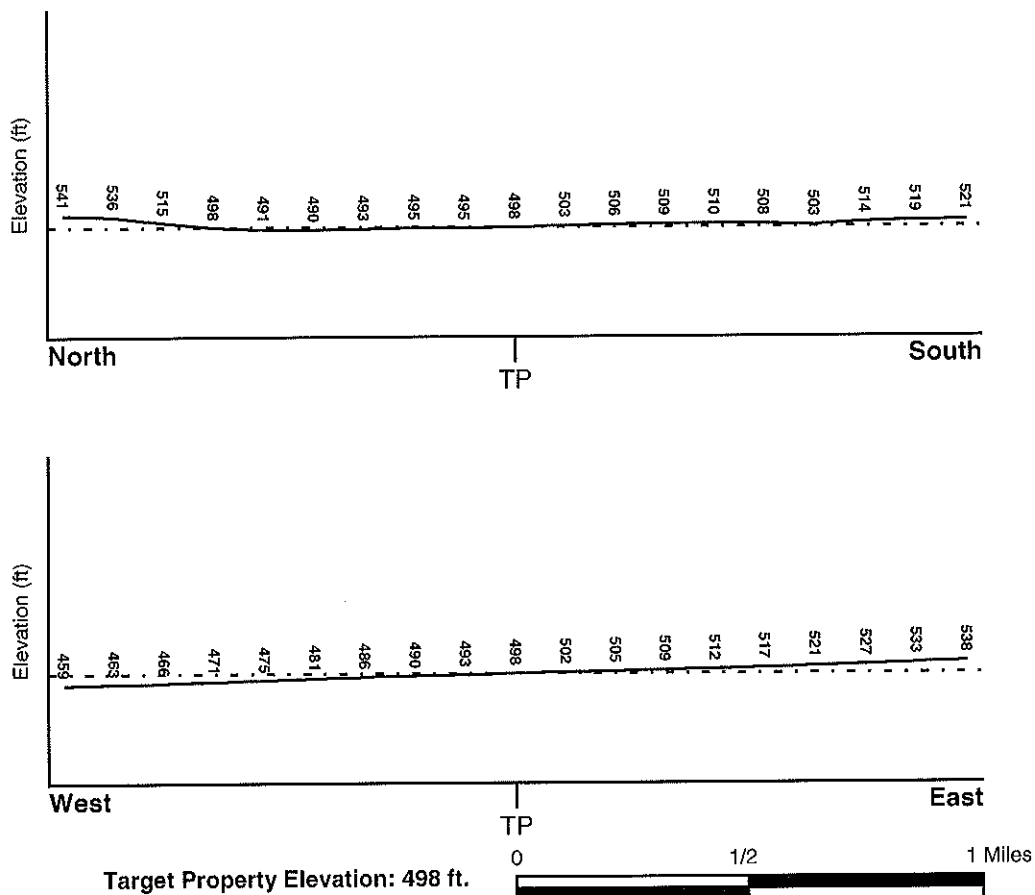
TOPOGRAPHIC INFORMATION

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

USGS Topographic Map: 37121-F7 LIVERMORE, CA
General Topographic Gradient: General NW
Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
ALAMEDA, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0600080005A

Additional Panels in search area: 0600080010A
0600010210B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
LIVERMORE

NWI Electronic
Data Coverage
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>
A2	1/8 - 1/4 Mile NW	Varies
A3	1/8 - 1/4 Mile NW	Varies
B10	1/8 - 1/4 Mile NNW	NW
B11	1/8 - 1/4 Mile NNW	Not Reported
C13	1/4 - 1/2 Mile NE	Not Reported
C14	1/4 - 1/2 Mile NE	Not Reported
C15	1/4 - 1/2 Mile NE	Not Reported
C16	1/4 - 1/2 Mile NE	Not Reported

* ©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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
E20	1/4 - 1/2 Mile WNW	Not Reported
E21	1/4 - 1/2 Mile WNW	Not Reported
F22	1/4 - 1/2 Mile NNE	Not Reported
F23	1/4 - 1/2 Mile NNE	Not Reported
F24	1/4 - 1/2 Mile NNE	Not Reported
D25	1/4 - 1/2 Mile NNE	Varies
G27	1/4 - 1/2 Mile SE	Not Reported
G28	1/4 - 1/2 Mile SE	Not Reported
H30	1/2 - 1 Mile West	NW
H32	1/2 - 1 Mile West	Not Reported
H33	1/2 - 1 Mile West	Not Reported
42	1/2 - 1 Mile WSW	NW
46	1/2 - 1 Mile West	N
49	1/2 - 1 Mile NW	N

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Tertiary
Series: Pliocene
Code: Tpc (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: YOLO

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	26 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%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
2	26 inches	65 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 8.40 Min: 6.10

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
very gravelly - sandy loam
gravelly - loam
sandy loam
very gravelly - sand
very gravelly - coarse sandy loam
extremely gravelly - sand
clay
clay loam
silty clay loam

Surficial Soil Types: silt loam
very gravelly - sandy loam
gravelly - loam
sandy loam
very gravelly - sand
very gravelly - coarse sandy loam
extremely gravelly - sand
clay
clay loam
silty clay loam

Shallow Soil Types: clay loam
clay
gravelly - sandy clay loam

Deeper Soil Types: stratified
gravelly - fine sandy loam
very gravelly - loamy coarse sand
loam
gravelly - loam
extremely gravelly - sand
clay

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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>
C12	USGS3223270	1/4 - 1/2 Mile NE
17	USGS3223214	1/4 - 1/2 Mile SSE
18	USGS3223257	1/4 - 1/2 Mile East
D19	USGS3223287	1/4 - 1/2 Mile NNE
26	USGS3223202	1/4 - 1/2 Mile SSW
G29	USGS3223207	1/4 - 1/2 Mile SE
31	USGS3223243	1/2 - 1 Mile East
34	USGS3223246	1/2 - 1 Mile West
35	USGS3223271	1/2 - 1 Mile WNW
I36	USGS3223145	1/2 - 1 Mile NW
I37	USGS3223150	1/2 - 1 Mile NNW
38	USGS3223374	1/2 - 1 Mile SW
39	USGS3223261	1/2 - 1 Mile West
40	USGS3223229	1/2 - 1 Mile ESE
41	USGS3223277	1/2 - 1 Mile WNW
43	USGS3223203	1/2 - 1 Mile WSW
44	USGS3223156	1/2 - 1 Mile NNW
45	USGS3223136	1/2 - 1 Mile NW
50	USGS3223359	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CA0707501	0 - 1/8 Mile WNW

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

STATE DATABASE WELL INFORMATION

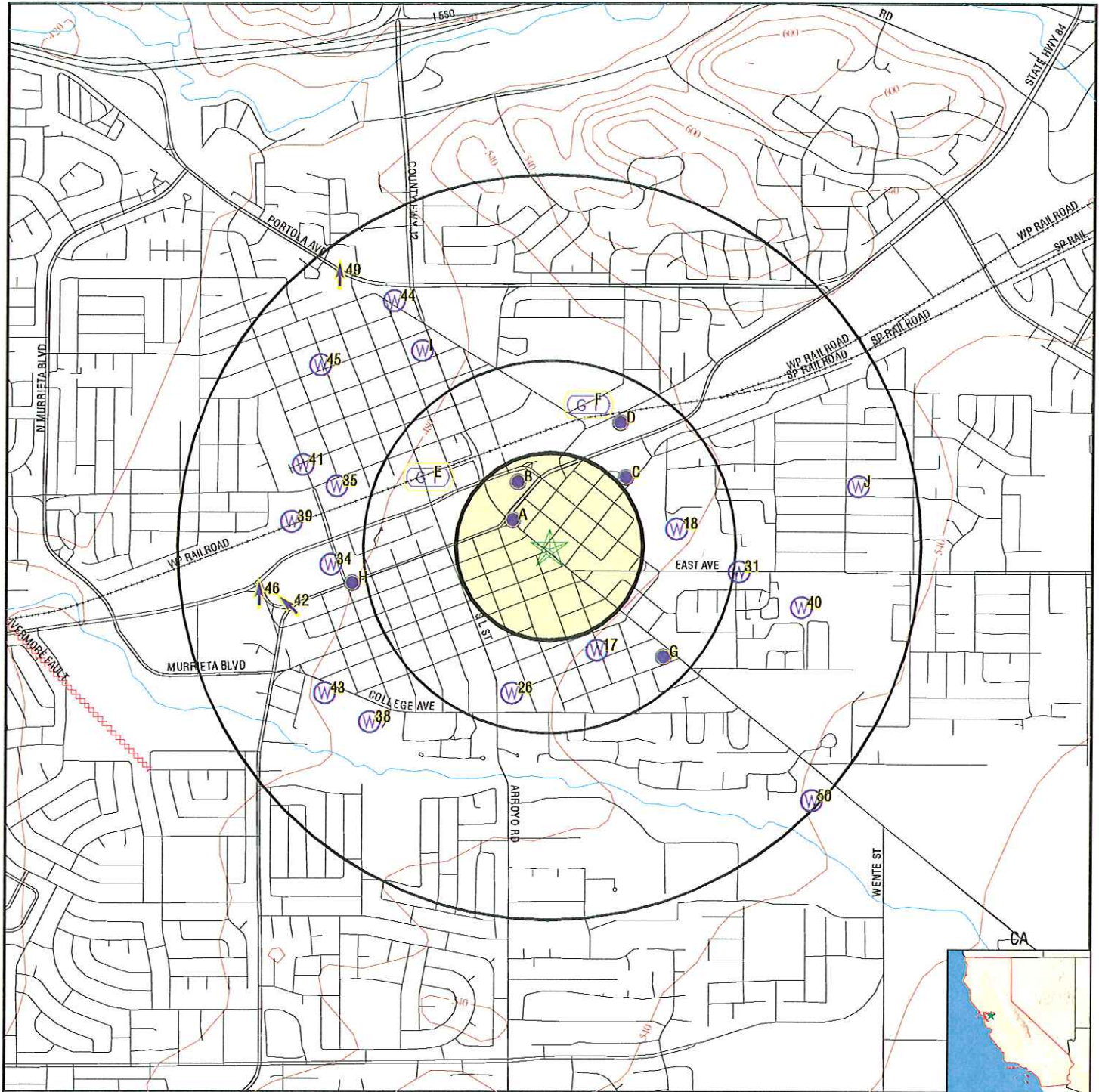
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B4	3479	1/8 - 1/4 Mile NNW
B5	3483	1/8 - 1/4 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B6	3482	1/8 - 1/4 Mile NNW
B7	3473	1/8 - 1/4 Mile NNW
B8	3474	1/8 - 1/4 Mile NNW
B9	3478	1/8 - 1/4 Mile NNW
J47	3480	1/2 - 1 Mile East
J48	3481	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 1583180.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Former Shell Service Station
 ADDRESS: 318 S. Livermore Avenue
 CITY/STATE: Livermore CA
 ZIP: 94550

CLIENT: Delta Env. Consultants, Inc.
 CONTACT: Debbie Arnold
 INQUIRY #: 1583180.2s
 DATE: December 29, 2005

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
WNW
0 - 1/8 Mile
Lower

FRDS PWS CA0707501

PWS ID: CA0707501 PWS Status: Not Reported
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: ANGLER'S RANCH #3
BETHEL ISLAND, CA 94511

Addressee / Facility: System Owner/Responsible Party
ANGLER'S RANCH WATER CO 3
P O BOX 8
BETHEL ISLAND, CA 94511

Facility Latitude: 37 40 54 Facility Longitude: 121 46 00
City Served: Not Reported
Treatment Class: Untreated Population: 60

PWS currently has or had major violation(s) or enforcement: Yes

Violations information not reported.

ENFORCEMENT INFORMATION:

System Name:	ANGLER'S RANCH #3		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-04-04	Analytical Value:	0000000.000000000
Violation ID:	95V0001	Enforcement ID:	0089899
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	ANGLER'S RANCH #3		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-04-04	Analytical Value:	0
Violation ID:	95V0001	Enforcement ID:	0089899
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	ANGLER'S RANCH #3		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-04-04	Analytical Value:	0000000.000000000
Violation ID:	95V0001	Enforcement ID:	0089899
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	ANGLER'S RANCH #3		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2000-04-04	Analytical Value:	0
Violation ID:	95V0001	Enforcement ID:	0089899
Enforcement Date:	2000-04-04	Enf. Action:	State Compliance Achieved
System Name:	ANGLER'S RANCH #3		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1993-07-01 - 2015-12-31	Analytical Value:	0000000.000000000
Violation ID:	95V0001	Enforcement ID:	Not Reported
Enforcement Date:	Not Reported	Enf. Action:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A2 NW 1/8 - 1/4 Mile Lower	Site ID: 4033		AQUIFLOW	52441
	Groundwater Flow: Varies			
	Shallow Water Depth: Not Reported			
	Deep Water Depth: Not Reported			
	Average Water Depth: 60			
	Date: 11/12/1991			

A3 NW 1/8 - 1/4 Mile Lower	Site ID: Not Reported		AQUIFLOW	52442
	Groundwater Flow: Varies			
	Shallow Water Depth: 53.31			
	Deep Water Depth: 68.84			
	Average Water Depth: Not Reported			
	Date: 09/13/1994			

B4 NNW 1/8 - 1/4 Mile Lower			CA WELLS	3479
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Water System Information:

Prime Station Code: 03S/02E-09P01 M	User ID: ENG
FRDS Number: 0110003009	County: Alameda
District Number: 04	Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type: Well/Groundwater	Well Status: Active Raw
Source Lat/Long: 374100.0 1214600.0	Precision: Undefined
Source Name: WELL 12-01	
System Number: 0110003	
System Name: CALIFORNIA WATER SERVICE - LIVERMORE	
Organization That Operates System:	
P O BOX 1150	
SAN JOSE, CA 95108	
Pop Served: 50670	Connections: 14951
Area Served: LIVERMORE	

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected: 06/30/1986	Findings: 21.000 C
Chemical: SOURCE TEMPERATURE C	
Sample Collected: 06/30/1986	Findings: 780.000 UMHO
Chemical: SPECIFIC CONDUCTANCE	
Sample Collected: 06/30/1986	Findings: 7.530
Chemical: PH (LABORATORY)	
Sample Collected: 06/30/1986	Findings: 261.000 MG/L
Chemical: TOTAL ALKALINITY (AS CaCO3)	
Sample Collected: 06/30/1986	Findings: 317.000 MG/L
Chemical: BICARBONATE ALKALINITY	
Sample Collected: 06/30/1986	Findings: .700 MG/L
Chemical: CARBONATE ALKALINITY	
Sample Collected: 06/30/1986	Findings: .390 UG/L
Chemical: PHOSPHATE	
Sample Collected: 06/30/1986	Findings: 358.000 MG/L
Chemical: TOTAL HARDNESS (AS CaCO3)	
Sample Collected: 06/30/1986	Findings: 49.000 MG/L
Chemical: CALCIUM	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/30/1986	Findings:	57.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/30/1986	Findings:	37.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/30/1986	Findings:	.850
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	06/30/1986	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/30/1986	Findings:	65.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/30/1986	Findings:	.140 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/30/1986	Findings:	26.000 MG/L
Chemical:	SILICA		
Sample Collected:	06/30/1986	Findings:	499.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/30/1986	Findings:	.170
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/30/1986	Findings:	53.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/30/1986	Findings:	.017 UG/L
Chemical:	IODIDE		
Sample Collected:	06/30/1986	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	04/28/1987	Findings:	49.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/08/1987	Findings:	46.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/03/1988	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/03/1988	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/03/1988	Findings:	865.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/03/1988	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	06/03/1988	Findings:	264.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/03/1988	Findings:	319.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/03/1988	Findings:	1.400 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/03/1988	Findings:	.250 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	06/03/1988	Findings:	366.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/03/1988	Findings:	49.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/03/1988	Findings:	59.000 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/03/1988	Findings:	37.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/03/1988	Findings:	.840
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	06/03/1988	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/03/1988	Findings:	64.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/03/1988	Findings:	.130 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/03/1988	Findings:	32.000 MG/L
Chemical:	SILICA		
Sample Collected:	06/03/1988	Findings:	330.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/03/1988	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/03/1988	Findings:	504.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/03/1988	Findings:	.380
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/03/1988	Findings:	55.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/03/1988	Findings:	.016 UG/L
Chemical:	IODIDE		
Sample Collected:	06/03/1988	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/11/1991	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/11/1991	Findings:	4.000 UNITS
Chemical:	COLOR		
Sample Collected:	12/11/1991	Findings:	885.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/11/1991	Findings:	7.710
Chemical:	PH (LABORATORY)		
Sample Collected:	12/11/1991	Findings:	269.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	12/11/1991	Findings:	326.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/11/1991	Findings:	1.100 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	12/11/1991	Findings:	.260 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	12/11/1991	Findings:	374.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	12/11/1991	Findings:	52.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/11/1991	Findings:	55.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/11/1991	Findings:	39.000 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/11/1991	Findings:	.880
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	12/11/1991	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/11/1991	Findings:	68.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/11/1991	Findings:	.170 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/11/1991	Findings:	30.000 MG/L
Chemical:	SILICA		
Sample Collected:	12/11/1991	Findings:	290.000 UG/L
Chemical:	BARIUM		
Sample Collected:	12/11/1991	Findings:	18.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	12/11/1991	Findings:	508.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/11/1991	Findings:	.320
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/11/1991	Findings:	52.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/1991	Findings:	.200 UG/L
Chemical:	IODIDE		
Sample Collected:	12/11/1991	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/11/1991	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/11/1991	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/20/1992	Findings:	3.570 UG/L
Chemical:	DI(2-ETHYLHEXYL)PHTHALATE		
Sample Collected:	03/23/1993	Findings:	57.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1994	Findings:	57.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/06/1994	Findings:	19.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/06/1994	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	10/06/1994	Findings:	856.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/06/1994	Findings:	7.680
Chemical:	PH (LABORATORY)		
Sample Collected:	10/06/1994	Findings:	263.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/06/1994	Findings:	319.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/06/1994	Findings:	1.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	10/06/1994	Findings:	.280 UG/L
Chemical:	PHOSPHATE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/06/1994	Findings:	365.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/06/1994	Findings:	51.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/06/1994	Findings:	69.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/06/1994	Findings:	41.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/06/1994	Findings:	.930
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	10/06/1994	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/06/1994	Findings:	76.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/06/1994	Findings:	.190 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/06/1994	Findings:	32.000 MG/L
Chemical:	SILICA		
Sample Collected:	10/06/1994	Findings:	262.000 UG/L
Chemical:	BARIUM		
Sample Collected:	10/06/1994	Findings:	15.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10/06/1994	Findings:	17.000 UG/L
Chemical:	NICKEL		
Sample Collected:	10/06/1994	Findings:	525.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/06/1994	Findings:	.260
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	10/06/1994	Findings:	56.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/06/1994	Findings:	.027 UG/L
Chemical:	IODIDE		
Sample Collected:	10/06/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/06/1994	Findings:	1.400 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/06/1994	Findings:	1.800 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/17/1995	Findings:	4.200 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/17/1995	Findings:	2.200 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/09/1995	Findings:	2.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	05/14/1997	Findings:	21.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/14/1997	Findings:	8.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/14/1997	Findings:	785.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/14/1997	Findings:	7.850
Chemical:	PH (LABORATORY)		
Sample Collected:	05/14/1997	Findings:	266.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/14/1997	Findings:	321.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/14/1997	Findings:	1.500 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/14/1997	Findings:	.140 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/14/1997	Findings:	390.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/14/1997	Findings:	49.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/14/1997	Findings:	78.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/14/1997	Findings:	40.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/14/1997	Findings:	40.000
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	05/14/1997	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/14/1997	Findings:	91.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/14/1997	Findings:	28.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/14/1997	Findings:	418.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/14/1997	Findings:	24.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	05/14/1997	Findings:	110.000 UG/L
Chemical:	IRON		
Sample Collected:	05/14/1997	Findings:	14.000 UG/L
Chemical:	NICKEL		
Sample Collected:	05/14/1997	Findings:	101.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	05/14/1997	Findings:	.030 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	05/14/1997	Findings:	530.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/14/1997	Findings:	.441
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/14/1997	Findings:	51.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/14/1997	Findings:	1.300 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B5
NNW
1/8 - 1/4 Mile
Lower

CA WELLS 3483

Water System Information:

Prime Station Code:	03S/02E-18B01 M	User ID:	ENG
FRDS Number:	0110003014	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	374100.0 1214600.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 20-01		
System Number:	0110003		
System Name:	CALIFORNIA WATER SERVICE - LIVERMORE		
Organization That Operates System:	P O BOX 1150		
	SAN JOSE, CA 95108		
Pop Served:	50670	Connections:	14951
Area Served:	LIVERMORE		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/27/1989	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/27/1989	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/27/1989	Findings:	570.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/27/1989	Findings:	7.590
Chemical:	PH (LABORATORY)		
Sample Collected:	03/27/1989	Findings:	186.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/27/1989	Findings:	225.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/27/1989	Findings:	.600 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	03/27/1989	Findings:	.270 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/27/1989	Findings:	210.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/27/1989	Findings:	29.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/27/1989	Findings:	33.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/27/1989	Findings:	40.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/27/1989	Findings:	1.200
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	03/27/1989	Findings:	1.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/27/1989	Findings:	39.000 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/27/1989	Findings:	.110 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/27/1989	Findings:	32.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/27/1989	Findings:	210.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/27/1989	Findings:	342.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/27/1989	Findings:	-.170
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/27/1989	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/27/1989	Findings:	.013 UG/L
Chemical:	IODIDE		
Sample Collected:	03/27/1989	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/12/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/12/1989	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/28/1993	Findings:	19.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/28/1993	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/28/1993	Findings:	780.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/28/1993	Findings:	7.810
Chemical:	PH (LABORATORY)		
Sample Collected:	01/28/1993	Findings:	196.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/28/1993	Findings:	238.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/28/1993	Findings:	1.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	01/28/1993	Findings:	.190 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	01/28/1993	Findings:	222.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/28/1993	Findings:	30.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/28/1993	Findings:	38.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/28/1993	Findings:	49.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/28/1993	Findings:	1.430
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	01/28/1993	Findings:	1.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/28/1993	Findings:	54.000 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/28/1993	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/28/1993	Findings:	24.000 MG/L
Chemical:	SILICA		
Sample Collected:	01/28/1993	Findings:	280.000 UG/L
Chemical:	BARIUM		
Sample Collected:	01/28/1993	Findings:	60.000 UG/L
Chemical:	ZINC		
Sample Collected:	01/28/1993	Findings:	.020 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	01/28/1993	Findings:	372.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/28/1993	Findings:	.060
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	01/28/1993	Findings:	25.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/28/1993	Findings:	.020 UG/L
Chemical:	IODIDE		
Sample Collected:	01/28/1993	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/28/1993	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/28/1993	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/15/1993	Findings:	4.020 UG/L
Chemical:	DI(2-ETHYLHEXYL)PHTHALATE		
Sample Collected:	07/07/1993	Findings:	22.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/16/1994	Findings:	28.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/20/1995	Findings:	3.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/20/1995	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/06/1995	Findings:	18.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	11/06/1995	Findings:	4.000 UNITS
Chemical:	COLOR		
Sample Collected:	11/06/1995	Findings:	808.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/06/1995	Findings:	7.830
Chemical:	PH (LABORATORY)		
Sample Collected:	11/06/1995	Findings:	215.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	11/06/1995	Findings:	260.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/06/1995	Findings:	1.200 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	11/06/1995	Findings:	.280 UG/L
Chemical:	PHOSPHATE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/06/1995	Findings:	308.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	11/06/1995	Findings:	40.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/06/1995	Findings:	58.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/06/1995	Findings:	34.000 MG/L
Chemical:	SODIUM		
Sample Collected:	11/06/1995	Findings:	34.000
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	11/06/1995	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/06/1995	Findings:	64.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/06/1995	Findings:	26.000 MG/L
Chemical:	SILICA		
Sample Collected:	11/06/1995	Findings:	277.000 UG/L
Chemical:	BARIUM		
Sample Collected:	11/06/1995	Findings:	230.000 UG/L
Chemical:	IRON		
Sample Collected:	11/06/1995	Findings:	73.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	11/06/1995	Findings:	.060 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	11/06/1995	Findings:	408.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/06/1995	Findings:	.232
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	11/06/1995	Findings:	24.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	11/06/1995	Findings:	.450 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/26/1996	Findings:	24.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/17/1996	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/27/1997	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/09/1997	Findings:	24.000 MG/L
Chemical:	NITRATE (AS NO ₃)		

B6
NNW
1/8 - 1/4 Mile
Lower

CA WELLS 3482

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	03S/02E-16C01 M	User ID:	ENG
FRDS Number:	0110003011	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	374100.0 1214600.0	Precision:	Undefined
Source Name:	WELL 15-01		
System Number:	0110003		
System Name:	CALIFORNIA WATER SERVICE - LIVERMORE		
Organization That Operates System:	P O BOX 1150		
	SAN JOSE, CA 95108		
Pop Served:	50670	Connections:	14951
Area Served:	LIVERMORE		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	05/08/1986	Findings:	21.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/08/1986	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/08/1986	Findings:	790.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/08/1986	Findings:	7.840
Chemical:	PH (LABORATORY)		
Sample Collected:	05/08/1986	Findings:	281.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/08/1986	Findings:	339.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/08/1986	Findings:	1.600 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/08/1986	Findings:	.280 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/08/1986	Findings:	314.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/08/1986	Findings:	46.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/08/1986	Findings:	48.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/08/1986	Findings:	44.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/08/1986	Findings:	1.080
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	05/08/1986	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/08/1986	Findings:	48.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/08/1986	Findings:	.140 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/08/1986	Findings:	36.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/08/1986	Findings:	220.000 UG/L
Chemical:	BARIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/08/1986	Findings:	467.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/08/1986	Findings:	.500
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	05/08/1986	Findings:	13.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/08/1986	Findings:	.030 UG/L
Chemical:	IODIDE		
Sample Collected:	05/08/1986	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/03/1988	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/03/1988	Findings:	810.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/03/1988	Findings:	7.720
Chemical:	PH (LABORATORY)		
Sample Collected:	06/03/1988	Findings:	289.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/03/1988	Findings:	349.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/03/1988	Findings:	1.200 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/03/1988	Findings:	.250 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	06/03/1988	Findings:	320.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/03/1988	Findings:	43.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/03/1988	Findings:	52.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/03/1988	Findings:	45.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/03/1988	Findings:	1.090
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	06/03/1988	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/03/1988	Findings:	52.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/03/1988	Findings:	.120 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/03/1988	Findings:	34.000 MG/L
Chemical:	SILICA		
Sample Collected:	06/03/1988	Findings:	260.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/03/1988	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/03/1988	Findings:	472.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/03/1988	Findings:	.290
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/03/1988	Findings:	19.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/03/1988	Findings:	.032 UG/L
Chemical:	IODIDE		
Sample Collected:	06/03/1988	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/17/1991	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/17/1991	Findings:	800.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/17/1991	Findings:	7.730
Chemical:	PH (LABORATORY)		
Sample Collected:	06/17/1991	Findings:	267.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/17/1991	Findings:	324.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/17/1991	Findings:	1.200 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/17/1991	Findings:	292.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/17/1991	Findings:	39.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/17/1991	Findings:	50.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/17/1991	Findings:	56.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/17/1991	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/17/1991	Findings:	64.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/17/1991	Findings:	.160 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/17/1991	Findings:	250.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/17/1991	Findings:	13.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06/17/1991	Findings:	.030 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	06/17/1991	Findings:	470.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/17/1991	Findings:	17.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/17/1991	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/06/1992	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/06/1992	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/30/1994	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/30/1994	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/06/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/06/1994	Findings:	756.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/06/1994	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	10/06/1994	Findings:	281.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/06/1994	Findings:	341.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/06/1994	Findings:	1.200 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	10/06/1994	Findings:	.210 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	10/06/1994	Findings:	351.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/06/1994	Findings:	45.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/06/1994	Findings:	67.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/06/1994	Findings:	29.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/06/1994	Findings:	.670
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	10/06/1994	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/06/1994	Findings:	47.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/06/1994	Findings:	.180 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/06/1994	Findings:	28.000 MG/L
Chemical:	SILICA		
Sample Collected:	10/06/1994	Findings:	265.000 UG/L
Chemical:	BARIUM		
Sample Collected:	10/06/1994	Findings:	14.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10/06/1994	Findings:	200.000 UG/L
Chemical:	IRON		
Sample Collected:	10/06/1994	Findings:	441.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/06/1994	Findings:	.280
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	10/06/1994	Findings:	12.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/06/1994	Findings:	.010 UG/L
Chemical:	IODIDE		
Sample Collected:	10/06/1994	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/06/1994	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/06/1994	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/17/1995	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/17/1995	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/20/1995	Findings:	5.740 UG/L
Chemical:	ANTHRACENE		
Sample Collected:	03/20/1995	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/20/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/26/1996	Findings:	9.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/14/1997	Findings:	12.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/14/1997	Findings:	690.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/14/1997	Findings:	7.820
Chemical:	PH (LABORATORY)		
Sample Collected:	05/14/1997	Findings:	272.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/14/1997	Findings:	329.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/14/1997	Findings:	1.500 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/14/1997	Findings:	.260 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/14/1997	Findings:	312.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/14/1997	Findings:	42.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/14/1997	Findings:	62.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/14/1997	Findings:	53.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/14/1997	Findings:	53.000
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	05/14/1997	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/14/1997	Findings:	70.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/14/1997	Findings:	32.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/14/1997	Findings:	258.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/14/1997	Findings:	13.000 UG/L
Chemical:	CHROMIUM (TOTAL)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/14/1997	Findings:	40.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	05/14/1997	Findings:	466.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/14/1997	Findings:	.240
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/14/1997	Findings:	12.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/14/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/08/1997	Findings:	1.300 UG/L
Chemical:	BROMOFORM (THM)		

B7
NNW
 1/8 - 1/4 Mile
 Lower

CA WELLS 3473

Water System Information:

Prime Station Code:	03S/02E-08G01 M	User ID:	ENG
FRDS Number:	0110003013	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	374100.0 1214600.0	Precision:	Undefined
Source Name:	WELL 19-01		
System Number:	0110003		
System Name:	CALIFORNIA WATER SERVICE - LIVERMORE		
Organization That Operates System:	P O BOX 1150 SAN JOSE, CA 95108		
Pop Served:	50670	Connections:	14951
Area Served:	LIVERMORE		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	08/28/1987	Findings:	55.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/08/1987	Findings:	54.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/30/1988	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/27/1989	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/27/1989	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/27/1989	Findings:	930.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/27/1989	Findings:	7.640
Chemical:	PH (LABORATORY)		
Sample Collected:	03/27/1989	Findings:	292.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/27/1989	Findings:	355.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/27/1989	Findings:	1.100 MG/L
Chemical:	CARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/27/1989	Findings:	.160 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	03/27/1989	Findings:	410.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/27/1989	Findings:	53.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/27/1989	Findings:	68.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/27/1989	Findings:	37.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/27/1989	Findings:	.790
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	03/27/1989	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/27/1989	Findings:	71.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/27/1989	Findings:	.110 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/27/1989	Findings:	30.000 MG/L
Chemical:	SILICA		
Sample Collected:	03/27/1989	Findings:	430.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/27/1989	Findings:	558.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/27/1989	Findings:	.290
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/27/1989	Findings:	66.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	03/27/1989	Findings:	.016 UG/L
Chemical:	IODIDE		
Sample Collected:	03/27/1989	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/05/1989	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/11/1989	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/12/1989	Findings:	1.100 PCII/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/12/1989	Findings:	1.200 PCII/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/06/1991	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/05/1991	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/27/1991	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/04/1991	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/03/1992	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/10/1992	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/21/1992	Findings:	21.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/21/1992	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	07/21/1992	Findings:	875.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/21/1992	Findings:	7.790
Chemical:	PH (LABORATORY)		
Sample Collected:	07/21/1992	Findings:	175.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/21/1992	Findings:	211.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/21/1992	Findings:	.900 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	07/21/1992	Findings:	.110 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	07/21/1992	Findings:	270.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/21/1992	Findings:	36.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/21/1992	Findings:	42.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/21/1992	Findings:	62.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/21/1992	Findings:	1.640
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	07/21/1992	Findings:	3.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/21/1992	Findings:	110.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/21/1992	Findings:	21.000 MG/L
Chemical:	SILICA		
Sample Collected:	07/21/1992	Findings:	190.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/21/1992	Findings:	.020 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	07/21/1992	Findings:	458.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/21/1992	Findings:	.070
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/21/1992	Findings:	22.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/21/1992	Findings:	.022 UG/L
Chemical:	IODIDE		
Sample Collected:	07/21/1992	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/21/1992	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/28/1992	Findings:	3.800 UG/L
Chemical:	DI(2-ETHYLHEXYL)PHTHALATE		
Sample Collected:	07/28/1992	Findings:	5.130 UG/L
Chemical:	DI(2-ETHYLHEXYL)ADIPATE		
Sample Collected:	09/04/1992	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/23/1993	Findings:	63.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/09/1993	Findings:	17.800 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	06/09/1993	Findings:	1.100 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	06/09/1993	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/09/1993	Findings:	18.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/24/1993	Findings:	3.180 UG/L
Chemical:	DI(2-ETHYLHEXYL)PHTHALATE		
Sample Collected:	09/15/1993	Findings:	5.300 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	09/15/1993	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/15/1993	Findings:	5.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/12/1993	Findings:	6.010 UG/L
Chemical:	DI(2-ETHYLHEXYL)PHTHALATE		
Sample Collected:	03/01/1994	Findings:	11.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	03/01/1994	Findings:	1.200 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	03/01/1994	Findings:	6.900 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	03/01/1994	Findings:	12.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/01/1994	Findings:	31.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/02/1994	Findings:	16.700 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	06/02/1994	Findings:	1.700 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	06/02/1994	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/02/1994	Findings:	18.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/24/1994	Findings:	3.180 UG/L
Chemical:	DI(2-ETHYLHEXYL)PHTHALATE		
Sample Collected:	09/06/1994	Findings:	11.500 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	09/06/1994	Findings:	.800 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/06/1994	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/06/1994	Findings:	12.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/28/1994	Findings:	10.500 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	11/28/1994	Findings:	.700 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	11/28/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/28/1994	Findings:	11.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/08/1995	Findings:	48.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	48.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/22/1995	Findings:	47.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/05/1995	Findings:	50.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/05/1995	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/05/1995	Findings:	2.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/15/1995	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/19/1995	Findings:	47.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/26/1995	Findings:	51.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/03/1995	Findings:	65.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/06/1995	Findings:	16.700 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	11/06/1995	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	11/06/1995	Findings:	1036.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/06/1995	Findings:	7.930
Chemical:	PH (LABORATORY)		
Sample Collected:	11/06/1995	Findings:	294.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	11/06/1995	Findings:	354.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/06/1995	Findings:	2.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	11/06/1995	Findings:	.200 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	11/06/1995	Findings:	434.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/06/1995	Findings:	55.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/06/1995	Findings:	92.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/06/1995	Findings:	35.000 MG/L
Chemical:	SODIUM		
Sample Collected:	11/06/1995	Findings:	35.000
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	11/06/1995	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/06/1995	Findings:	76.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/06/1995	Findings:	24.000 MG/L
Chemical:	SILICA		
Sample Collected:	11/06/1995	Findings:	405.000 UG/L
Chemical:	BARIUM		
Sample Collected:	11/06/1995	Findings:	13.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	11/06/1995	Findings:	190.000 UG/L
Chemical:	IRON		
Sample Collected:	11/06/1995	Findings:	56.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	11/06/1995	Findings:	.040 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	11/06/1995	Findings:	549.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/06/1995	Findings:	.553
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	11/06/1995	Findings:	54.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/06/1995	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/06/1995	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/06/1995	Findings:	5.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/07/1995	Findings:	5.000 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	12/07/1995	Findings:	.600 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	12/07/1995	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/07/1995	Findings:	5.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/22/1996	Findings:	1.200 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	07/22/1996	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/22/1996	Findings:	1.200 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/17/1996	Findings:	54.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1997	Findings:	53.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/13/1997	Findings:	4.200 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	03/13/1997	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/09/1997	Findings:	52.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/15/1997	Findings:	51.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/29/1997	Findings:	50.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1997	Findings:	14.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/05/1997	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/04/1997	Findings:	1.700 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	09/04/1997	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/19/1997	Findings:	2.900 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	11/19/1997	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/19/1997	Findings:	3.100 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		

B8
NNW
1/8 - 1/4 Mile
Lower

CA WELLS 3474

Water System Information:

Prime Station Code:	03S/02E-08H01 M	User ID:	ENG
FRDS Number:	0110003004	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Untreated
Source Lat/Long:	374100.0 1214600.0	Precision:	Undefined
Source Name:	WELL 04-01 - INACTIVE		
System Number:	0110003		
System Name:	CALIFORNIA WATER SERVICE - LIVERMORE		
Organization That Operates System:	P O BOX 1150		
	SAN JOSE, CA 95108		
Pop Served:	50670	Connections:	14951
Area Served:	LIVERMORE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B9
NNW
1/8 - 1/4 Mile
Lower

CA WELLS 3478

Water System Information:

Prime Station Code:	03S/02E-09L01 M	User ID:	ENG
FRDS Number:	0110003012	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	374100.0 1214600.0	Precision:	Undefined
Source Name:	WELL 17-01		
System Number:	0110003		
System Name:	CALIFORNIA WATER SERVICE - LIVERMORE		
Organization That Operates System:	P O BOX 1150		
	SAN JOSE, CA 95108		
Pop Served:	50670	Connections:	14951
Area Served:	LIVERMORE		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	05/15/1985	Findings:	4.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/02/1985	Findings:	4.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/28/1985	Findings:	4.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/03/1988	Findings:	21.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/03/1988	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/03/1988	Findings:	1000.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/03/1988	Findings:	7.620
Chemical:	PH (LABORATORY)		
Sample Collected:	06/03/1988	Findings:	270.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/03/1988	Findings:	328.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/03/1988	Findings:	.900 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/03/1988	Findings:	.250 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	06/03/1988	Findings:	416.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/03/1988	Findings:	55.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/03/1988	Findings:	67.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/03/1988	Findings:	47.000 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/03/1988	Findings:	1.000
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	06/03/1988	Findings:	1.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/03/1988	Findings:	92.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/03/1988	Findings:	.150 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/03/1988	Findings:	32.000 MG/L
Chemical:	SILICA		
Sample Collected:	06/03/1988	Findings:	350.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/03/1988	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/03/1988	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/03/1988	Findings:	591.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/03/1988	Findings:	.260
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/03/1988	Findings:	80.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/03/1988	Findings:	.024 UG/L
Chemical:	IODIDE		
Sample Collected:	06/03/1988	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/10/1989	Findings:	20.100 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	05/10/1989	Findings:	212.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	05/23/1989	Findings:	8.800 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	05/23/1989	Findings:	197.200 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/05/1989	Findings:	9.200 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	06/05/1989	Findings:	245.900 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/11/1989	Findings:	16.200 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	03/06/1990	Findings:	108.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/04/1990	Findings:	83.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	03/06/1991	Findings:	7.200 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	03/06/1991	Findings:	238.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/05/1991	Findings:	128.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/17/1991	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/17/1991	Findings:	6.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/17/1991	Findings:	1035.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/17/1991	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	06/17/1991	Findings:	277.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/17/1991	Findings:	336.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/17/1991	Findings:	1.100 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/17/1991	Findings:	.240 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	06/17/1991	Findings:	405.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/17/1991	Findings:	52.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/17/1991	Findings:	69.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/17/1991	Findings:	51.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/17/1991	Findings:	1.100
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	06/17/1991	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/17/1991	Findings:	98.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/17/1991	Findings:	.170 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/17/1991	Findings:	32.000 MG/L
Chemical:	SILICA		
Sample Collected:	06/17/1991	Findings:	360.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/17/1991	Findings:	14.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	06/17/1991	Findings:	60.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	06/17/1991	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	06/17/1991	Findings:	592.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/17/1991	Findings:	.310
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/17/1991	Findings:	69.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/17/1991	Findings:	.023 UG/L
Chemical:	IODIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/17/1991	Findings:	.700 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/27/1991	Findings:	45.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	03/03/1992	Findings:	36.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	03/06/1992	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/06/1992	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/10/1992	Findings:	49.500 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/04/1992	Findings:	12.600 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	03/04/1993	Findings:	5.400 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	03/04/1993	Findings:	24.000 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/09/1993	Findings:	52.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	07/07/1993	Findings:	5.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/15/1993	Findings:	12.100 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	09/15/1993	Findings:	31.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	03/01/1994	Findings:	12.000 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	03/01/1994	Findings:	14.700 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/02/1994	Findings:	12.400 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	06/02/1994	Findings:	14.200 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	06/30/1994	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/30/1994	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/06/1994	Findings:	10.600 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	10/06/1994	Findings:	21.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/06/1994	Findings:	7.000 UNITS
Chemical:	COLOR		
Sample Collected:	10/06/1994	Findings:	1034.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/06/1994	Findings:	7.590
Chemical:	PH (LABORATORY)		
Sample Collected:	10/06/1994	Findings:	287.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/06/1994	Findings:	348.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/06/1994	Findings:	.900 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	10/06/1994	Findings:	.150 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	10/06/1994	Findings:	433.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/06/1994	Findings:	58.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/06/1994	Findings:	85.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/06/1994	Findings:	51.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/06/1994	Findings:	1.070
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	10/06/1994	Findings:	2.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/06/1994	Findings:	108.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/06/1994	Findings:	.210 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/06/1994	Findings:	30.000 MG/L
Chemical:	SILICA		
Sample Collected:	10/06/1994	Findings:	335.000 UG/L
Chemical:	BARIUM		
Sample Collected:	10/06/1994	Findings:	14.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	10/06/1994	Findings:	350.000 UG/L
Chemical:	IRON		
Sample Collected:	10/06/1994	Findings:	148.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	10/06/1994	Findings:	616.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/06/1994	Findings:	.270
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	10/06/1994	Findings:	71.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/06/1994	Findings:	.027 UG/L
Chemical:	IODIDE		
Sample Collected:	10/06/1994	Findings:	.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/06/1994	Findings:	3.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/06/1994	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/28/1994	Findings:	14.600 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	12/07/1995	Findings:	18.100 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/07/1995	Findings:	20.300 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	11/26/1996	Findings:	51.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1996	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/14/1997	Findings:	10.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/14/1997	Findings:	10.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/14/1997	Findings:	898.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/14/1997	Findings:	7.760
Chemical:	PH (LABORATORY)		
Sample Collected:	05/14/1997	Findings:	302.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/14/1997	Findings:	365.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/14/1997	Findings:	1.400 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/14/1997	Findings:	.250 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/14/1997	Findings:	439.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/14/1997	Findings:	61.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/14/1997	Findings:	79.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/14/1997	Findings:	51.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/14/1997	Findings:	51.000
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	05/14/1997	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/14/1997	Findings:	110.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/14/1997	Findings:	.120 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/14/1997	Findings:	28.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/14/1997	Findings:	448.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/14/1997	Findings:	15.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	05/14/1997	Findings:	660.000 UG/L
Chemical:	IRON		
Sample Collected:	05/14/1997	Findings:	.030 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	05/14/1997	Findings:	612.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/14/1997	Findings:	.340
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/14/1997	Findings:	58.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/14/1997	Findings:	1.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/05/1997	Findings:	13.500 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	11/19/1997	Findings:	16.200 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	11/19/1997	Findings:	25.800 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		

B10	Site ID:	4137	AQUIFLOW	52466
NNW	Groundwater Flow:	NW		
1/8 - 1/4 Mile	Shallow Water Depth:	Not Reported		
Lower	Deep Water Depth:	Not Reported		
	Average Water Depth:	25		
	Date:	07/14/1997		

B11	Site ID:	3016	AQUIFLOW	52449
NNW	Groundwater Flow:	Not Reported		
1/8 - 1/4 Mile	Shallow Water Depth:	26		
Lower	Deep Water Depth:	29		
	Average Water Depth:	Not Reported		
	Date:	04/22/1994		

C12		FED USGS	USGS3223270
NE			
1/4 - 1/2 Mile			
Higher			

Agency cd:	USGS	Site no:	374100121454201
Site name:	003S002E09P001M		
Latitude:	374100		
Longitude:	1214542	Dec lat:	37.68326336
Dec lon:	-121.7627309	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	S9 T3S R2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	498.60	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19560503
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:	ALLUVIUM (QUATERNARY)		
Well depth:	504	Hole depth:	515
Source of depth data:	Not Reported	Project number:	CA-9-358M
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: 1956-05-00
 Ground water data count: 72

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1981-12-00

Ground-water levels, Number of Measurements: 72

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12	83		1981-11	98	
1981-10	139		1981-09	109	
1981-05	100		1981-04	81	
1981-03	84		1981-02	84	
1981-01	89		1980-12	90	
1980-11	99		1980-10-15	98.7	
1980-10	109		1980-09	103	
1980-07	92		1980-06	90	
1980-05	77		1980-04-08	70.6	
1980-04	71		1980-03	73	
1980-02	79		1980-01	95	
1979-08	104		1979-04-20	73.3	
1979-04	69		1978-10	107	
1978-05	73		1977-10-11	101.1	
1977-09	99		1977-02	80	
1976-08	131		1976-03	79	
1975-08	144		1975-03	78	
1974-08	111		1974-04	84	
1973-05	124		1973-03	99	
1972-09	131		1972-03	89	
1971-09	128		1971-03	99	
1970-07	144		1970-03	116	
1969-09	156		1969-04	119	
1968-09	159		1968-03	130	
1967-09	164		1967-05	125	
1966-09	184		1966-03	144	
1965-10	170		1965-05	143	
1964-10	185		1964-08	143	
1963-09	169		1963-05	144	
1962-07	205		1962-02	167	
1961-09	211		1961-03	159	
1960-08	200		1960-03	133	
1959-10	161		1959-01	112	
1958-10	132		1958-06	109	
1958-01	134		1957-03	110	
1956-08	132		1956-05	106	

C13
NE
1/4 - 1/2 Mile
Higher

Site ID:
 Groundwater Flow:
 Shallow Water Depth:
 Deep Water Depth:
 Average Water Depth:
 Date:

Not Reported
 Not Reported
 35
 45
 Not Reported
 09/29/1994

AQUIFLOW 52457

C14
NE
1/4 - 1/2 Mile
Higher

Site ID:
 Groundwater Flow:
 Shallow Water Depth:
 Deep Water Depth:
 Average Water Depth:
 Date:

3612
 Not Reported
 35
 45
 Not Reported
 09/29/1994

AQUIFLOW 52456

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C15	Site ID:	Not Reported		
NE	Groundwater Flow:	Not Reported	AQUIFLOW	52405
1/4 - 1/2 Mile	Shallow Water Depth:	41.67		
Higher	Deep Water Depth:	54.17		
	Average Water Depth:	Not Reported		
	Date:	11/06/1992		

C16	Site ID:	Not Reported		
NE	Groundwater Flow:	Not Reported	AQUIFLOW	52422
1/4 - 1/2 Mile	Shallow Water Depth:	41.67		
Higher	Deep Water Depth:	54.17		
	Average Water Depth:	Not Reported		
	Date:	11/06/1992		

17			FED USGS	USGS3223214
SSE				
1/4 - 1/2 Mile				
Higher				

Agency cd:	USGS	Site no:	374037121454601
Site name:	003S002E16C001M		
Latitude:	374037		
Longitude:	1214546	Dec lat:	37.67687466
Dec lon:	-121.76384204	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	S16 T3S R 2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	508.30	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay. California. Area = 1200 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19580218
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:	ALLUVIUM (QUATERNARY)		
Well depth:	574	Hole depth:	584
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	1976-07-06
Water quality data end date:	2001-05-02	Water quality data count:	3
Ground water data begin date:	1958-04-00	Ground water data end date:	1981-12-00
Ground water data count:	76		

Ground-water levels, Number of Measurements: 76

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12	100		1981-11	110	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-09	152		1981-05	151	
1981-04	93		1981-03	95	
1981-01	75		1980-12	104	
1980-11	114				
1980-10-15	135.5				
Note: The site was being pumped.					
1980-09	157		1980-08	147	
1980-07	147		1980-05	80	
1980-04	79		1980-03	82	
1980-02	91		1980-01	121	
1979-08	160				
1979-04-20	75.2				
Note: The site was being pumped.					
1979-04	76		1978-09	156	
1978-05	76		1977-10-11	105.2	
1977-07	116				
1977-03-29	82.6				
Note: The site was being pumped.					
1977-03	84				
1977-02-18	83.5				
Note: The site was being pumped.					
1977-01-19	85.6				
Note: The site was being pumped.					
1976-12-21	88.8				
Note: The site was being pumped.					
1976-11-23	94.0				
Note: The site was being pumped.					
1976-11-04	98.9				
Note: The site was being pumped.					
1976-09-24	115.3				
1976-08-26	121.5				
Note: The site was being pumped.					
1976-07	150		1976-05-24	114.8	
1976-04-29	99.7		1976-03-19	81.3	
1976-03	80		1976-02-25	82.2	
1976-01-26	86.7		1975-09	130	
1975-04	76		1974-06	138	
1974-04	80		1973-10	124	
1973-04	92		1972-09	142	
1972-03	94		1971-08	144	
1971-05	96		1970-07	176	
1970-04	114		1969-09	160	
1969-05	114		1968-09	154	
1968-03	122		1967-07	154	
1967-05	120		1966-07	166	
1965-11	180		1965-05	136	
1964-09	180		1964-04	142	
1963-09	186		1963-06	138	
1962-07	200		1962-04	148	
1961-08	220		1961-04	126	
1960-07	192		1960-03	138	
1959-11	162		1959-03	110	
1958-11	178		1958-04	106	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

18
East
1/4 - 1/2 Mile
Higher

FED USGS USGS3223257

Agency cd:	USGS	Site no:	374054121453201
Site name:	003S002E09Q004M		
Latitude:	374054		
Longitude:	1214532	Dec lat:	37.68159673
Dec lon:	-121.75995304	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	S 7 T 3S R 2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	501.70	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay. California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19771122
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:	ALLUVIUM (QUATERNARY)		
Well depth:	80.0	Hole depth:	80.0
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	1978-01-19
Water quality data end date:	1983-06-02	Water quality data count:	22
Ground water data begin date:	1977-12-13	Ground water data end date:	1981-11-18
Ground water data count:	98		

Ground-water levels, Number of Measurements: 98

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-11-18	34.1		1981-11-12	35.5	
1981-09-30	34.7		1981-08-31	34.5	
1981-08-06	34.2		1981-08-03	34.0	
1981-06-29	32.8		1981-06-03	32.1	
1981-06-01	31.9		1981-05-26	31.9	
1981-05-19	31.5		1981-05-12	31.0	
1981-05-05	30.6		1981-04-28	30.2	
1981-04-21	29.9		1981-04-14	29.7	
1981-04-07	29.2		1981-03-31	29.4	
1981-03-24	30.0		1981-03-17	31.5	
1981-03-10	31.7		1981-03-03	31.4	
1981-02-25	31.2		1981-02-17	31.3	
1981-02-10	31.1		1981-02-03	31.0	
1981-01-27	34.6		1981-01-26	33.8	
1981-01-19	33.8		1981-01-12	33.6	
1981-01-05	33.1		1980-12-29	33.0	
1980-12-22	32.7		1980-12-16	32.3	
1980-12-09	32.3		1980-12-02	31.9	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-11-25	31.9		1980-11-18	31.6	
1980-11-10	31.0		1980-11-03	30.9	
1980-10-24	30.4		1980-10-17	29.6	
1980-10-14	29.4		1980-09-29	28.4	
1980-09-15	27.4		1980-09-02	26.4	
1980-08-18	25.5		1980-08-06	24.9	
1980-07-21	24.5		1980-07-15	24.3	
1980-07-02	24.0		1980-06-16	23.1	
1980-06-02	22.1		1980-03-24	21.3	
1980-03-10	21.6		1980-03-05	22.7	
1980-02-25	25.3		1980-02-11	28.5	
1980-01-28	28.7		1980-01-14	32.2	
1979-12-31	35.5		1979-12-18	36.4	
1979-12-03	35.4		1979-11-19	35.4	
1979-11-05	35.2		1979-10-23	34.8	
1979-10-22	35.0		1979-10-08	34.4	
1979-09-24	33.5		1979-09-10	32.5	
1979-08-27	31.8		1979-08-13	31.3	
1979-07-30	30.8		1979-07-21	30.7	
1979-07-09	29.8		1979-06-25	29.2	
1979-06-18	28.9		1979-06-13	28.7	
1979-06-04	27.7		1979-05-21	27.0	
1979-05-07	26.6		1979-04-30	26.4	
1979-04-26	26.2		1979-04-09	26.0	
1979-04-02	25.8		1979-03-27	26.1	
1979-03-19	26.1		1979-03-12	26.2	
1979-02-20	30.0		1979-01-16	31.6	
1979-01-08	35.2		1978-11-22	34.0	
1978-08-08	28.2		1978-06-20	26.7	
1978-05-31	26.2		1978-01-19	42.8	
1977-12-28	51.8		1977-12-13	51.9	

D19
NNE
1/4 - 1/2 Mile
Higher

FED USGS USGS3223287

Agency cd:	USGS	Site no:	374108121454201
Site name:	003S002E09L001M		
Latitude:	374108		
Longitude:	1214542	Dec lat:	37.68548552
Dec lon:	-121.76273091	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	S9 T3S R2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	496.70	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19600113
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: ALLUVIUM (QUATERNARY)
 Well depth: 516
 Source of depth data: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Peak flow data begin date: 0000-00-00
 Peak flow data count: 0
 Water quality data end date: 2001-06-20
 Ground water data begin date: 1960-09-00
 Ground water data count: 61
 Hole depth: 529
 Project number: CA-9-358M
 Daily flow data begin date: 0000-00-00
 Daily flow data count: 0
 Peak flow data end date: 0000-00-00
 Water quality data begin date: 2001-06-20
 Water quality data count: 1
 Ground water data end date: 1981-12-00

Ground-water levels, Number of Measurements: 61

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12	88		1981-11	99	
1981-10	146		1981-09	131	
1981-05	102		1981-04	79	
1981-03	84		1981-02	82	
1981-01	87		1980-12	148	
1980-11	139		1980-10-15	135.5	
1980-09	116		1980-07	115	
1980-05	78		1980-04-08	64.9	
1980-04	66		1980-03	73	
1980-02	81		1980-01	109	
1979-09	124		1979-05	63	
1979-04-20	64.4		1978-09	113	
1978-05	67		1977-10-14	115.0	
1977-09	115		1977-06	73	
1976-10	152		1976-04	76	
1975-09	148		1975-04	68	
1974-09	105		1974-04	66	
1973-09	112		1973-04	80	
1972-09	148		1972-03	84	
1971-09	117		1971-05	89	
1970-07	164		1970-04	100	
1969-10	140		1969-05	97	
1968-09	141		1968-04	105	
1967-10	148		1967-05	109	
1966-09	173		1966-04	124	
1965-11	182		1965-05	126	
1964-08	182		1964-04	132	
1963-09	195		1963-05	127	
1962-07	263		1962-04	148	
1961-09	243		1961-03	144	
1960-09	240				

E20
 WNW
 1/4 - 1/2 Mile
 Lower

Site ID: Not Reported
 Groundwater Flow: Not Reported
 Shallow Water Depth: Not Reported
 Deep Water Depth: Not Reported
 Average Water Depth: 43
 Date: 12/22/1989

AQUIFLOW 52401

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E21 WNW 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 43 12/22/1989	AQUIFLOW	52404
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F22 NNE 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 59 09/13/1991	AQUIFLOW	53590
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F23 NNE 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 59 09/13/1991	AQUIFLOW	53591
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F24 NNE 1/4 - 1/2 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 59 09/13/1991	AQUIFLOW	53592
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D25 NNE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Varies 53.31 68.84 Not Reported 09/13/1994	AQUIFLOW	52436
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26 SSW 1/4 - 1/2 Mile Higher		FED USGS	USGS3223202
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Agency cd:	USGS	Site no:	374031121460101
Site name:	003S002E16E004M		
Latitude:	374031		
Longitude:	1214601	Dec lat:	37.67520806
Dec lon:	-121.76800884	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	SWSWNWS16 T 3S R 2E M
Location map:	LIVERMORE	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	503.60	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay. California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19771116
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:	ALLUVIUM (QUATERNARY)		
Well depth:	45.0	Hole depth:	50.0
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	1978-01-03
Water quality data end date:	1983-06-01	Water quality data count:	23
Ground water data begin date:	1977-12-14	Ground water data end date:	1981-12-21
Ground water data count:	83		

Ground-water levels, Number of Measurements: 83

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12-21	21.3		1981-11-18	22.3	
1981-11-02	22.5		1981-09-29	19.8	
1981-08-31	17.7		1981-08-10	17.7	
1981-08-03	17.6		1981-06-29	17.7	
1981-06-04	17.3		1981-06-01	17.3	
1981-05-26	17.4		1981-05-19	17.5	
1981-05-12	17.5		1981-05-05	17.4	
1981-04-28	17.4		1981-04-21	17.3	
1981-04-14	17.2		1981-04-07	17.0	
1981-03-31	16.9		1981-03-24	16.5	
1981-03-17	17.1		1981-03-12	17.4	
1981-03-10	17.4		1981-03-03	17.2	
1981-02-25	17.2		1981-02-17	17.3	
1981-02-10	17.1		1981-02-03	16.7	
1981-01-27	17.6		1981-01-19	17.8	
1981-01-12	17.8		1981-01-05	17.8	
1980-12-29	17.8		1980-12-22	17.7	
1980-12-16	17.7		1980-12-09	17.6	
1980-12-02	17.6		1980-11-25	17.6	
1980-11-18	17.5		1980-11-10	17.4	
1980-11-03	17.4		1980-10-27	17.3	
1980-10-17	17.3		1980-10-01	17.2	
1980-08-26	16.9		1980-08-01	16.7	
1980-07-29	16.7		1980-06-26	16.6	
1980-05-28	16.3		1980-05-21	16.2	
1980-05-05	16.0		1980-03-26	15.7	
1980-03-05	15.0		1980-02-26	14.6	
1980-01-22	15.9		1979-12-20	17.9	
1979-11-27	17.5		1979-10-23	17.5	
1979-10-02	17.4		1979-08-17	18.4	
1979-07-21	17.1		1979-07-18	17.1	
1979-06-26	17.0		1979-06-18	17.1	
1979-06-11	17.0		1979-06-04	16.8	
1979-05-21	16.8		1979-05-07	16.5	
1979-05-03	16.6		1979-04-09	16.5	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1979-04-02	16.4		1979-03-27	16.3	
1979-03-19	16.2		1979-03-12	16.0	
1979-02-20	16.6		1979-01-16	16.0	
1979-01-08	17.4		1978-11-27	17.2	
1978-08-08	16.8		1978-06-20	16.8	
1978-05-30	16.4		1978-01-03	25.7	
1977-12-14	25.3				

G27 SE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 40 02/11/1988	AQUIFLOW	53572
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G28 SE 1/4 - 1/2 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 40 02/11/1988	AQUIFLOW	53571
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G29 SE 1/4 - 1/2 Mile Higher		FED USGS	USGS3223207
Agency cd:	USGS	Site no:	374034121453401
Site name:	003S002E16B001M		
Latitude:	374034	Dec lat:	37.67604134
Longitude:	1214534	Coor meth:	M
Dec lon:	-121.7605086	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	001
State:	06	Land net:	SWNWNES16 T 3S R 2E M
Country:	US	Map scale:	24000
Location map:	LIVERMORE	Altitude method:	L
Altitude:	517.60	Altitude datum:	NGVD29
Altitude accuracy:	.1		
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19440701
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:	ALLUVIUM (QUATERNARY)		
Well depth:	410	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	CA-9-358M
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: 2001-06-20
 Ground water data begin date: 1962-11-01
 Ground water data count: 82

Water quality data begin date: 1978-03-13
 Water quality data count: 6
 Ground water data end date: 1981-11-00

Ground-water levels, Number of Measurements: 82

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-11	105		1981-09	144	
1981-07	170		1981-05	116	
1981-03	90		1981-01	95	
1980-11	115		1980-09	124	
1980-07	121		1980-05	81	
1980-04-04	74.3		1980-04	77	
1980-03	81		1980-02	89	
1980-01	106		1979-11	144	
1979-10-02	160.8		1979-05	76	
1979-02-24	109.6		1979-02-14	109.6	
1979-01-09	84.8		1978-12-12	93.2	
1978-11-07	135.7		1978-10-18	144.6	
1978-09-21	155.5		1978-09-18	155.0	
1978-09	132		1978-08-23	160.0	
1978-06-09	144.0		1978-05-11	108.6	
1978-05	75		1978-04-13	76.1	
1978-03-13	83.4		1978-02-17	93.5	
1977-11	110		1977-09-08	104.0	
1977-08-08	103.0		1977-03-11	110.8	
1977-03	83		1976-10-04	114.5	
1976-07	155		1976-03-04	82.6	
1976-03	83		1975-09-18	131.7	
1975-08	152		1975-03-25	70.6	
1975-03	73		1974-09-13	134.3	
1974-09	111		1974-04	72	
1974-03-19	74.6		1973-10	112	
1973-09-26	131.0		1973-04	82	
1973-03-13	92.0		1972-10-02	119.0	
1972-08	130		1972-03-13	117.0	
1972-03	94		1971-09-10	158.0	
1971-09	133		1971-04-20	94.0	
1971-04	94		1970-09-29	151.0	
1970-09	163		1970-03-24	146.0	
1970-03	110		1969-10-23	163.0	
1969-04-30	122.0		1968-10-31	137.0	
1968-03-04	115.0		1967-10-01	161.0	
1967-04-02	116.0		1966-10-03	190.0	
1966-04-30	140.0		1965-10-01	183.0	
1965-05-01	137.0		1964-10-01	106.0	
1964-04-20	152.0		1963-10-31	165.0	
1963-05-01	137.0		1962-11-01	172.0	

H30
West
1/2 - 1 Mile
Lower

Site ID:
Groundwater Flow:
Shallow Water Depth:
Deep Water Depth:
Average Water Depth:
Date:

Not Reported
NW
35
65
Not Reported
11/06/1990

AQUIFLOW 52402

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

31

East
1/2 - 1 Mile
Higher

FED USGS USGS3223243

Agency cd:	USGS	Site no:	374048121452101
Site name:	003S002E09Q001M		
Latitude:	374048		
Longitude:	1214521	Dec lat:	37.6799301
Dec lon:	-121.75689738	Coor meth:	M
Coor acc:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	S9 T3S R2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	515.50	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay. California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19520218
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:	ALLUVIUM (QUATERNARY)		
Well depth:	502	Hole depth:	576
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1953-01-00	Ground water data end date:	1981-12-00
Ground water data count:	87		

Ground-water levels, Number of Measurements: 87

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12	96		1981-11	104	
1981-10-05	119		1981-10	119	
1981-09	144		1981-05	104	
1981-04	88		1981-03	91	
1981-02	92		1981-01	93	
1980-12	103		1980-11	115	
1980-10-15	121.6		1980-10	124	
1980-09	126		1980-07	111	
1980-06	99		1980-05	78	
1980-04-04	72.7		1980-03	80	
1980-02	89		1980-01	101	
1979-10-04	132.7		1979-04-20	72.8	
1979-04	74		1978-09-18	119.7	
1978-09	128		1978-05	76	
1978-03-15	83.5		1977-10-11	122.2	
1977-08	110		1977-05	82	
1977-03-11	82.5		1976-10-04	118.0	
1976-07	164		1976-03-05	82.7	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1976-03	84		1975-09-18	191.8	
1975-09	152		1975-03-18	70.5	
1975-03	80		1974-10	110	
1974-09-13	103.7		1974-05	70	
1974-03-18	70.7		1973-09-18	130.0	
1973-09	108		1973-04	82	
1973-03-13	105.0		1972-09-25	165.2	
1972-08	132		1972-03-09	142.9	
1972-03	100		1971-09-10	125.6	
1971-08	134		1971-03	94	
1970-08	176		1970-03	108	
1969-04	101		1968-09	144	
1968-05	110		1967-09	142	
1967-05	102		1966-07	154	
1966-02	134		1965-10	160	
1965-03	140		1964-10	188	
1964-03	140		1963-09	182	
1963-05	134		1962-07	196	
1962-04	130		1961-08	210	
1961-04	140		1960-09	212	
1960-03	122		1959-03	104	
1958-09	140		1958-05	96	
1957-09	172		1957-04	160	
1956-03	146		1955-11	172	
1955-03	100		1954-08	166	
1953-01	106				

H32
West
1/2 - 1 Mile
Lower

Site ID: Not Reported
Groundwater Flow: Not Reported
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 45
Date: 11/12/1992

AQUIFLOW 52411

H33
West
1/2 - 1 Mile
Lower

Site ID: Not Reported
Groundwater Flow: Not Reported
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 45
Date: 11/12/1992

AQUIFLOW 52412

34
West
1/2 - 1 Mile
Lower

FED USGS USGS3223246

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	374049121463301
Site name:	003S002E08P002M		
Latitude:	374049		
Longitude:	1214633	Dec lat:	37.68020795
Dec lon:	-121.77689801	Coor meth:	M
Coor acrr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	SWSESW S08 T03S R02E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	463.00	Altitude method:	L
Altitude accuracy:	005	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19241118
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:	ALLUVIUM (QUATERNARY)		
Well depth:	412	Hole depth:	420
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	1976-06-15
Water quality data end date:	1977-01-24	Water quality data count:	2
Ground water data begin date:	1966-08-31	Ground water data end date:	1983-09-00
Ground water data count:	115		

Ground-water levels, Number of Measurements: 115

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-09	90		1983-06	71	
1983-03	57		1982-12	63	
1982-10	65		1982-04-30	75	
1982-03-31	109		1981-11	84	
1981-09	74		1981-05	84	
1981-03	100		1981-01	80	
1980-11	70		1980-10	85	
1980-04	45.0		1979-04	40.0	
1978-10	82.0		1977-10	60.0	
1974-06-05	57		1974-05-22	47.7	
1974-04-10	41.3		1974-03-13	46	
1974-03	46				
1974-02-13	0.00				
Note: The site was being pumped.					
1974-01-02	85		1973-12-05	98	
1973-11-07	105		1973-10-10	109	
1973-09-12	121		1973-09	121	
1973-08-01	116		1973-07-05	128	
1973-06-06	114		1973-05-09	108	
1973-04-11	78		1973-03-14	63	
1973-03	63		1973-02-15	82.5	
1973-01-03	83		1972-12-06	89	
1972-11-08	93		1972-10-11	93	
1972-09-12	140		1972-08-02	144	
1972-07-05	139		1972-06-07	129	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1972-05-10	112		1972-04-12	102	
1972-03-01	72		1972-02-02	65	
1972-01-05	80		1971-12-08	71	
1971-11-10	112		1971-10-13	115	
1971-09-01	124		1971-08-04	127	
1971-07-07	122		1971-06-09	124	
1971-04-28	69		1971-04-14	67	
1971-03-03	67.5		1971-02-03	105	
1971-01-06	70		1970-12-09	79	
1970-11-25	90		1970-10-14	84	
1970-09-02	101		1970-08-05	91	
1970-06-24	90		1970-06-10	84	
1970-05-12	82		1970-04-01	78	
1970-03-04	86		1970-02-04	86	
1970-01-08	93		1969-12-11	105	
1969-10-29	103		1969-10-01	111	
1969-09-03	152		1969-08-06	138	
1969-07-02	136		1969-06-04	130	
1969-05-08	92		1969-04-02	95.5	
1969-03-05	113		1969-02-05	117	
1969-01-02	120		1968-12-04	117	
1968-11-06	140		1968-10-02	142	
1968-09-05	166		1968-08-09	165	
1968-07-03	138		1968-06-05	163	
1968-05-01	119		1968-04-03	112	
1968-03-06	115		1968-02-07	115	
1968-01-03	123		1967-12-06	123	
1967-11-01	128		1967-10-04	135	
1967-09-06	140		1967-08-01	171	
1967-07-05	159.5		1967-06-07	110	
1967-05-03	105		1967-04-05	120	
1967-03-01	170		1967-02-01	168	
1967-01-04	140		1966-12-14	143	
1966-11-09	163		1966-10-03	190	
1966-08-31	191				

35
WNW
1/2 - 1 Mile
Lower

FED USGS USGS3223271

Agency cd:	USGS	Site no:	374100121463201
Site name:	003S002E08N002M		
Latitude:	374100		
Longitude:	1214632	Dec lat:	37.68326341
Dec lon:	-121.77662023	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	S8 T3S R2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	452.00	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19580116
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	526	Hole depth:	530
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	1976-02-11
Water quality data end date:	2001-05-03	Water quality data count:	4
Ground water data begin date:	1960-03-00	Ground water data end date:	1981-12-00
Ground water data count:	77		

Ground-water levels, Number of Measurements: 77

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12	37		1981-11	41	
1981-10	86		1981-09	38	
1981-05	51		1981-04-28	94.5	
1981-03	37		1981-02	38	
1981-01	48		1980-11	33	
1980-10-10	46.5		1980-09	38	
1980-07	35		1980-06	33	
1980-05	34		1980-04-08	29.4	
1980-04	28		1980-03	28	
1980-02	31		1980-01	41	
1979-08	50		1979-04-20	32.5	
1979-04	26		1978-11	54	
1978-05	27		1977-10-03	50.8	
1977-09	52		1977-03-29	39.7	
1977-02-18	42.5		1977-02	37	
1977-01-19	35.2		1976-12-20	39.1	
1976-11-23	42.1		1976-10-22	47.8	
1976-09-17	54.6		1976-08-26	117.3	
1976-08	70		1976-07-06	119.4	
1976-06-16	114.6		1976-05-28	108.7	
1976-04-28	115.0		1976-03-25	33.4	
1976-03	37		1976-02-11	36.0	
1976-01-27	38.9		1975-06	72	
1975-04	32		1974-07	52	
1974-04	32		1973-07	57	
1973-04	42		1972-09	86	
1972-02	46		1971-09	63	
1971-04	42		1970-08	102	
1970-04	57		1969-09	98	
1969-05	78		1968-08	64	
1968-03	87		1967-11	110	
1967-05	84		1966-09	136	
1966-03	58		1965-10	126	
1965-05	57		1964-09	142	
1964-01	61		1963-07	125	
1963-05	54		1962-09	146	
1962-04	64		1961-09	130	
1961-01	122		1960-09	132	
1960-03	102				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I36
NW
1/2 - 1 Mile
Lower

FED USGS USGS3223145

Agency cd:	USGS	Site no:	374118121461701
Site name:	003S002E08G001M		
Latitude:	374118		
Longitude:	1214617	Dec lat:	37.68826325
Dec lon:	-121.77245344	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	S8 T3S R2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	474.50	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19290318
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:	ALLUVIUM (QUATERNARY)		
Well depth:	625	Hole depth:	625
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	2001-06-20
Water quality data end date:	2001-06-20	Water quality data count:	1
Ground water data begin date:	1957-08-22	Ground water data end date:	1980-10-27
Ground water data count:	144		

Ground-water levels, Number of Measurements: 144

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-10-27	64.4		1980-10-01	69.0	
1980-08-26	69.3		1980-07-29	64.1	
1980-06-26	62.0		1980-05-28	57.3	
1980-05-05	52.6		1980-03-26	48.1	
1980-02-26	50.7		1980-01-22	57.8	
1979-12-20	66.3		1979-11-27	65.8	
1979-10-23	66.4		1979-10-04	71.4	
1979-08-17	70.7		1979-05-31	63.2	
1979-04-20	52.3		1978-09-20	74.2	
1978-03-21	52.7		1977-11-08	71.8	
1977-10-11	71.9		1977-09-12	74.7	
1977-08-10	72.5		1977-07-08	70.9	
1977-06-07	66.9		1977-05-10	62.1	
1977-04-11	60.1		1977-03-11	60.7	
1977-02-07	58.4		1977-01-10	59.4	
1976-12-07	64.0		1976-11-10	69.6	
1976-10-13	77.6		1976-09-08	84.0	
1976-08-12	87.2		1976-07-16	90.0	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1976-06-09	80.2		1976-05-12	74.0	
1976-04-16	59.5		1976-03-08	55.7	
1976-02-09	59.4		1976-01-15	61.5	
1975-11-25	63.1		1975-10-30	68.0	
1975-10-01	75.5		1975-09-11	77.6	
1975-08-06	82.9		1975-07-30	79.9	
1975-07-09	69.2		1975-06-11	75.1	
1975-05-16	62.7		1975-04-16	50.9	
1975-03-17	53.9		1975-02-19	56.8	
1975-01-27	62.5		1974-12-26	68.1	
1974-11-25	71.7		1974-10-31	68.0	
1974-10-02	79.1		1974-09-05	75.7	
1974-08-09	75.5		1974-07-10	74.8	
1974-06-12	131.6		1974-05-15	121.4	
1974-04-11	73.7		1974-03-20	110.7	
1974-02-26	73.7		1974-01-23	73.8	
1973-12-27	84.4		1973-12-26	115.4	
1973-11-26	117.9		1973-10-31	119.6	
1973-10-03	76.6		1973-09-05	72.3	
1973-08-08	76.9		1973-07-11	75.1	
1973-06-13	74.7		1973-05-16	110.0	
1973-04-18	67.5		1973-03-22	67.6	
1973-02-21	68.6		1973-01-24	80.0	
1972-11-29	87.8		1972-11-11	91.0	
1972-10-04	94.3		1972-09-06	103.5	
1972-08-10	102.8		1972-07-13	100.2	
1972-06-14	91.5		1972-05-18	80.2	
1972-04-19	76.2		1972-03-22	76.3	
1972-02-23	66.3		1972-01-26	66.9	
1971-12-29	77.9		1971-12-01	133.5	
1971-11-03	72.7		1971-10-06	80.4	
1971-09-08	89.0		1971-08-11	97.6	
1971-07-14	88.9		1971-06-16	91.9	
1971-05-19	139.6		1971-04-21	73.0	
1971-03-24	72.8		1971-02-24	74.5	
1971-01-27	74.8		1970-12-30	82.0	
1970-12-02	87.0		1970-11-04	93.0	
1970-10-08	135.0		1970-09-10	124.0	
1970-08-12	110.0		1970-07-15	104.4	
1970-06-17	100.5		1970-05-20	140.0	
1970-04-22	135.0		1970-03-25	92.5	
1970-02-25	153		1970-01-28	151.0	
1969-12-30	135.0		1969-12-03	145.0	
1969-11-05	158.0		1969-10-08	159.0	
1969-09-17	120.0		1969-08-28	127.5	
1969-04-30	173		1968-10-01	132	
1968-03-04	113.0		1967-10-01	168.0	
1967-04-02	116.0		1966-10-03	207.0	
1966-03-31	179.0		1965-10-04	157.0	
1965-04-01	133.0		1964-09-01	167.0	
1964-02-29	132.0		1963-07-31	153.0	
1963-02-28	143.0		1962-09-01	181.0	
1962-03-28	163.0		1961-09-30	184.0	
1961-03-01	135.0		1957-08-22	174.0	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I37
NNW
1/2 - 1 Mile
Lower

FED USGS USGS3223150

Agency cd:	USGS	Site no:	374120121461701
Site name:	003S002E08H001M		
Latitude:	374120		
Longitude:	1214617	Dec lat:	37.68881879
Dec lon:	-121.77245344	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	S8 T3S R2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	472.50	Altitude method:	L
Altitude accuracy:	1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay. California. Area = 1200 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19290101
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:	ALLUVIUM (QUATERNARY)		
Well depth:	625	Hole depth:	625
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1968-07-00	Ground water data end date:	1981-12-00
Ground water data count:	78		

Ground-water levels, Number of Measurements: 78

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12	66		1981-11	66	
1981-10	69		1981-09	69	
1981-07	72		1981-06	45	
1981-05-20	41.5		1981-05	68	
1981-04-22	37.2		1981-04	57	
1981-03-25	31.8		1981-03-09	34.0	
1981-03	59		1981-02-26	35.2	
1981-02	49		1981-01-28	40.0	
1981-01	62		1980-12-03	41.9	
1980-12	63		1980-11-12	42.1	
1980-11	64		1980-10-27	64.4	
1980-10-15	41.7		1980-09	64	
1980-08-26	69.3		1980-08	65	
1980-07-29	64.1		1980-07-15	38.8	
1980-07	61		1980-06-26	62.0	
1980-06-24	39.4		1980-06	57	
1980-05-28	57.3		1980-05-05	52.6	
1980-05	52		1980-04-04	34.6	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-04	49		1980-03-26	48.1	
1980-03	50		1980-02-26	50.7	
1980-02	54		1980-01-22	57.8	
1980-01	66		1979-12-20	66.3	
1979-11-27	65.8		1979-10-23	66.4	
1979-10-04	71.4		1979-08-17	70.7	
1979-08	70		1979-05-31	63.2	
1979-05	44		1979-04-20	52.3	
1978-10	86		1978-09-25	74.2	
1978-05	50		1978-03-21	52.7	
1977-11-08	71.8		1977-10-11	71.9	
1977-10	74		1977-09-12	74.7	
1977-02	48		1976-08	92	
1976-03	56		1975-09	98	
1975-03	57		1974-07	98	
1974-02	64		1973-08	80	
1973-04	67		1972-09	106	
1972-03	68		1971-08	98	
1971-05	70		1970-08	107	
1970-04	94		1969-11	124	
1969-06	108		1968-07	146	

38
SW
1/2 - 1 Mile
Lower

FED USGS USGS3223374

Agency cd:	USGS	Site no:	374027121462601
Site name:	003S002E17G001M		
Latitude:	374027		
Longitude:	1214626	Dec lat:	37.67409701
Dec lon:	-121.7749535	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	10	Altitude datum:	Not Reported
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
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:	ALLUVIUM		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	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:	1976-05-03
Water quality data end date:	1977-08-15	Water quality data count:	16
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

39

West
1/2 - 1 Mile
Lower

FED USGS

USGS3223261

Agency cd:	USGS	Site no:	374055121464001
Site name:	003S002E08P001M		
Latitude:	374055		
Longitude:	1214640	Dec lat:	37.68187457
Dec lon:	-121.77884252	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	S8 T3S R2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	465.50	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19481001
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:	ALLUVIUM (QUATERNARY)		
Well depth:	273	Hole depth:	273
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	2001-06-20
Water quality data end date:	2001-06-20	Water quality data count:	1
Ground water data begin date:	1975-05-00	Ground water data end date:	1981-12-00
Ground water data count:	35		

Ground-water levels, Number of Measurements: 35

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12	44		1981-11	51	
1981-10	50		1981-09	49	
1981-06	44		1981-05	47	
1981-04	43		1981-03	42	
1981-02	46		1981-01	45	
1980-12	43		1980-11	42	
1980-10-10	44.3		1980-10	46	
1980-09	56		1980-07	41	
1980-06	40		1980-05	35	
1980-04-08	34.6		1980-04	34	
1980-03	35		1980-02	40	
1980-01	44		1979-09	46	
1979-04-20	38.8		1979-03	39	
1978-09	50		1978-05	37	
1977-10-03	56.6		1977-09	59	
1977-01	43		1976-07	64	
1976-03	43		1975-09	60	
1975-05	40				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

40
ESE
1/2 - 1 Mile
Higher

FED USGS USGS3223229

Agency cd:	USGS	Site no:	374043121451001
Site name:	003S002E16A003M		
Latitude:	374043		
Longitude:	1214510	Dec lat:	37.67854124
Dec lon:	-121.75384173	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	NENENES16 T 36 R2S M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	524.40	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay. California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19720501
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:	ALLUVIUM (QUATERNARY)		
Well depth:	240	Hole depth:	240
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	1978-06-16
Water quality data end date:	1983-06-01	Water quality data count:	19
Ground water data begin date:	1977-10-11	Ground water data end date:	1981-12-01
Ground water data count:	29		

Ground-water levels, Number of Measurements: 29

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12-01	46.3		1981-08-28	44.8	
1981-03-25	41.8		1980-12-04	44.7	
1980-10-27	72.5		1980-10-01	42.7	
1980-09-11	40.0		1980-08-28	40.2	
1980-07-29	39.8		1980-06-26	38.8	
1980-06-18	37.0		1980-05-28	35.3	
1980-05-05	34.4		1980-03-27	34.1	
1980-03-21	33.1		1980-02-26	35.8	
1980-01-22	41.2		1979-12-20	49.5	
1979-11-27	48.8		1979-10-23	48.6	
1979-10-05	48.3		1979-07-18	44.5	
1979-06-26	59.9		1979-05-31	40.6	
1979-04-20	39.3		1979-02-20	42.2	
1979-01-18	43.2		1978-11-27	46.3	
1977-10-11	61.3				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

41
WNW
1/2 - 1 Mile
Lower

FED USGS USGS3223277

Agency cd:	USGS	Site no:	374103121463801
Site name:	003S002E08K002M		
Latitude:	374103		
Longitude:	1214638	Dec lat:	37.68409672
Dec lon:	-121.77828695	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	SWNWSES8 T 3S R 2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	461.50	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19771020
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:	ALLUVIUM (QUATERNARY)		
Well depth:	74.0	Hole depth:	75.0
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	1977-12-29
Water quality data end date:	1983-07-20	Water quality data count:	22
Ground water data begin date:	1977-12-13	Ground water data end date:	1982-01-29
Ground water data count:	156		

Ground-water levels, Number of Measurements: 156

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-01-29	30.2		1982-01-18	30.4	
1982-01-12	30.3		1982-01-04	35.0	
1981-12-28	37.6		1981-12-21	32.9	
1981-12-17	38.0		1981-12-08	36.8	
1981-12-07	37.2		1981-11-30	37.1	
1981-11-23	36.9		1981-11-16	37.6	
1981-11-09	38.7		1981-11-02	38.6	
1981-10-26	39.0		1981-10-19	39.0	
1981-10-13	38.4		1981-10-05	38.1	
1981-09-29	37.7		1981-09-21	37.5	
1981-09-14	37.6		1981-09-08	37.8	
1981-08-31	37.2		1981-08-26	36.9	
1981-08-17	37.1		1981-08-10	37.2	
1981-08-05	37.3		1981-08-03	37.2	
1981-07-27	37.0		1981-07-20	36.4	
1981-07-13	35.9		1981-06-29	35.5	
1981-06-22	35.4		1981-06-16	35.1	
1981-06-08	35.0		1981-06-03	34.9	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1981-06-01	34.8	
1981-05-19	35.1	
1981-05-05	35.0	
1981-04-21	33.8	
1981-04-07	32.7	
1981-03-24	32.6	
1981-03-10	33.9	
1981-02-25	33.5	
1981-02-10	33.4	
1981-02-03	33.4	
1981-01-19	36.1	
1981-01-05	35.7	
1980-12-22	35.5	
1980-12-09	35.2	
1980-11-25	34.8	
1980-11-10	34.6	
1980-10-24	34.9	
1980-10-17	34.9	
1980-10-06	54.6	
1980-09-22	33.5	
1980-09-09	33.2	
1980-08-25	32.9	
1980-08-12	32.6	
1980-07-28	31.8	
1980-07-15	31.6	
1980-07-08	31.9	
1980-06-23	31.7	
1980-06-09	30.7	
1980-05-26	30.1	
1980-05-12	29.2	
1980-04-27	28.3	
1980-04-14	27.8	
1980-03-31	27.4	
1980-03-17	27.0	
1980-03-05	27.2	
1980-02-25	28.0	
1980-02-11	31.0	
1980-01-28	30.3	
1980-01-14	32.4	
1979-12-18	36.3	
1979-11-19	36.3	
1979-10-22	36.8	
1979-10-08	37.3	
1979-09-10	36.8	
1979-08-13	35.3	
1979-07-21	34.3	
1979-06-25	33.5	
1979-06-12	33.2	
1979-05-21	30.7	
1979-04-30	30.8	
1979-04-09	30.0	
1979-03-27	30.4	
1979-03-12	29.9	
1979-02-20	31.9	
1979-02-13	32.2	

Date	Feet below Surface	Feet to Sealevel
1981-05-26	34.9	
1981-05-12	35.3	
1981-04-28	34.4	
1981-04-14	33.3	
1981-03-31	32.5	
1981-03-17	33.7	
1981-03-03	33.6	
1981-02-17	33.6	
1981-02-09	33.4	
1981-01-27	35.5	
1981-01-12	35.9	
1980-12-29	35.6	
1980-12-16	35.0	
1980-12-02	34.7	
1980-11-18	34.7	
1980-11-03	34.8	
1980-10-20	35.0	
1980-10-14	34.8	
1980-09-29	34.1	
1980-09-15	33.2	
1980-09-02	33.1	
1980-08-18	32.7	
1980-08-06	32.3	
1980-07-21	31.5	
1980-07-14	31.7	
1980-07-02	32.3	
1980-06-16	31.3	
1980-06-02	30.3	
1980-05-19	29.6	
1980-05-04	28.7	
1980-04-20	28.0	
1980-04-07	27.5	
1980-03-24	27.1	
1980-03-10	26.8	
1980-03-03	27.2	
1980-02-18	30.3	
1980-02-04	30.9	
1980-01-21	31.0	
1979-12-31	35.2	
1979-12-03	36.2	
1979-11-05	36.3	
1979-10-19	36.6	
1979-09-24	37.1	
1979-08-27	36.1	
1979-07-30	34.3	
1979-07-09	33.7	
1979-06-18	33.3	
1979-06-04	32.3	
1979-05-07	30.8	
1979-04-26	30.7	
1979-04-02	30.0	
1979-03-19	29.8	
1979-02-27	30.7	
1979-02-16	32.6	
1979-02-06	32.5	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1979-01-30	31.8		1979-01-23	32.0	
1979-01-16	33.0		1979-01-08	35.7	
1978-12-29	48.8		1978-11-22	37.4	
1978-08-09	35.6		1978-06-20	32.6	
1978-05-30	31.4		1977-12-13	50.6	

42	Site ID:	2944			
WSW	Groundwater Flow:	NW	AQUIFLOW	52445	
1/2 - 1 Mile	Shallow Water Depth:	14.98			
Lower	Deep Water Depth:	28.50			
	Average Water Depth:	Not Reported			
	Date:	06/27/1995			

43			FED USGS	USGS3223203	
WSW					
1/2 - 1 Mile					
Lower					
Agency cd:	USGS	Site no:	374031121463401		
Site name:	003S002E17G002M				
Latitude:	374031				
Longitude:	1214634	Dec lat:	37.6752081		
Dec lon:	-121.7771758	Coor meth:	M		
Coor accr:	U	Latlong datum:	NAD27		
Dec latlong datum:	NAD83	District:	06		
State:	06	County:	001		
Country:	US	Land net:	Not Reported		
Location map:	Not Reported	Map scale:	Not Reported		
Altitude:	Not Reported	Altitude method:	Not Reported		
Altitude accuracy:	10	Altitude datum:	Not Reported		
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.				
Topographic:	Not Reported				
Site type:	Ground-water other than Spring	Date construction:	Not Reported		
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:	ALLUVIUM				
Well depth:	Not Reported	Hole depth:	Not Reported		
Source of depth data:	Not Reported	Project number:	Not Reported		
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				

Ground-water levels, Number of Measurements: 0

44			FED USGS	USGS3223156	
NNW					
1/2 - 1 Mile					
Lower					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	374126121462201
Site name:	003S002E08H002M		
Latitude:	374126		
Longitude:	1214622	Dec lat:	37.69048541
Dec lon:	-121.77384237	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	NWNEENES 8 T 3S R 2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	467.40	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19760526
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:	ALLUVIUM (QUATERNARY)		
Well depth:	46.0	Hole depth:	47.0
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	1976-10-28
Water quality data end date:	1983-06-02	Water quality data count:	23
Ground water data begin date:	1976-06-14	Ground water data end date:	1981-12-21
Ground water data count:	59		

Ground-water levels, Number of Measurements: 59

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12-21	41.7		1981-11-18	39.6	
1981-11-13	41.6		1981-10-26	41.7	
1981-09-30	39.5		1981-08-31	41.3	
1981-08-04	41.7		1981-08-03	41.6	
1981-06-29	35.9		1981-05-28	41.7	
1981-05-20	41.5		1981-04-22	37.2	
1981-03-25	31.8		1981-03-09	34.0	
1981-02-26	35.2		1981-01-28	40.0	
1980-12-03	41.9		1980-11-12	42.1	
1980-10-15	41.7		1980-07-15	38.8	
1980-06-24	39.4		1980-04-04	34.6	
1980-03-05	27.0		1979-10-19	41.6	
1979-07-21	41.2		1979-06-25	36.5	
1979-06-18	36.8		1979-06-12	40.0	
1979-06-04	39.1		1979-05-21	39.6	
1979-05-07	38.8		1979-04-30	38.4	
1979-04-26	38.1		1979-04-09	34.7	
1979-04-02	32.2		1979-03-27	29.7	
1979-03-19	29.3		1979-03-16	37.9	
1979-03-12	29.3		1979-02-27	30.3	
1979-01-16	29.9		1979-01-08	41.9	
1978-11-22	39.2		1978-08-09	35.6	
1978-05-30	32.4		1978-04-06	28.7	
1977-12-08	37.8		1977-11-01	39.8	
1977-10-03	41.7		1977-02-16	41.6	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1977-01-21	41.3		1976-12-27	37.0	
1976-12-03	41.6		1976-11-19	36.9	
1976-10-28	32.1		1976-10-25	32.1	
1976-07-08	33.3		1976-06-16	33.5	
1976-06-14	33.1				

45

NW

1/2 - 1 Mile

Lower

FED USGS

USGS3223136

Agency cd:	USGS	Site no:	374117121463501
Site name:	003S002E18G001M		
Latitude:	374117		
Longitude:	1214635	Dec lat:	37.68798549
Dec lon:	-121.77745359	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	001
Country:	US	Land net:	S8 T3S R2E M
Location map:	LIVERMORE	Map scale:	24000
Altitude:	462.40	Altitude method:	L
Altitude accuracy:	.1	Altitude datum:	NGVD29
Hydrologic:	San Francisco Bay, California. Area = 1200 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19600503
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:	ALLUVIUM (QUATERNARY)		
Well depth:	465	Hole depth:	465
Source of depth data:	Not Reported	Project number:	CA-9-358M
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:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1962-05-01	Ground water data end date:	1980-10-10
Ground water data count:	128		

Ground-water levels, Number of Measurements: 128

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1980-10-10	53.2		1980-04-04	37.9	
1979-10-04	54.1		1979-04-20	44.5	
1978-09-20	58.4		1978-03-21	42.3	
1977-11-08	60.5		1977-10-11	60.6	
1977-09-12	63.6		1977-08-10	62.6	
1977-07-08	59.6		1977-06-07	58.5	
1977-05-10	53.0		1977-04-11	52.3	
1977-03-11	51.2		1977-02-07	47.7	
1977-01-10	47.7		1976-12-07	51.6	
1976-11-10	55.5		1976-10-13	60.7	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1976-09-08	63.8	
1976-07-16	68.8	
1976-05-12	61.9	
1976-03-08	47.8	
1976-01-15	49.6	
1975-10-30	60.0	
1975-09-11	59.5	
1975-07-30	62.8	
1975-06-11	57.4	
1975-04-16	42.7	
1975-02-19	44.9	
1974-12-26	50.6	
1974-10-31	56.6	
1974-09-05	61.3	
1974-07-10	53.7	
1974-05-15	48.3	
1974-03-20	45.9	
1974-01-23	46.8	
1973-12-26	49.5	
1973-10-31	56.0	
1973-09-05	58.5	
1973-07-11	83.4	
1973-05-16	59.7	
1973-03-22	51.4	
1973-01-24	69.4	
1972-11-11	78.5	
1972-09-06	85.6	
1972-07-13	103.9	
1972-05-18	68.5	
1972-03-22	60.4	
1972-01-26	53.0	
1971-12-01	59.8	
1971-10-06	63.9	
1971-08-11	72.8	
1971-06-16	69.1	
1971-04-21	60.5	
1971-02-24	61.0	
1970-12-30	65.0	
1970-11-04	73.0	
1970-09-10	90.0	
1970-07-15	80.0	
1970-05-20	118.0	
1970-03-25	92.5	
1970-01-28	77.0	
1969-12-03	90.0	
1969-10-08	91.7	
1969-08-28	119	
1968-10	113	
1967-10-01	162	
1966-10-03	135	
1965-10-01	183	
Note: The site was being pumped.		
1965-05-01	108	
1964-04-30	120	
1963-05-01	103	

Date	Feet below Surface	Feet to Sealevel
1976-08-12	67.5	
1976-06-09	64.6	
1976-04-16	50.8	
1976-02-09	49.0	
1975-11-25	52.6	
1975-10-01	61.1	
1975-08-06	63.9	
1975-07-09	55.8	
1975-05-15	51.2	
1975-03-17	44.9	
1975-01-27	53.5	
1974-11-25	58.2	
1974-10-02	57.8	
1974-08-09	58.3	
1974-06-12	55.7	
1974-04-17	50.6	
1974-02-20	47.5	
1973-12-27	75.5	
1973-11-26	53.9	
1973-10-03	60.3	
1973-08-08	60.5	
1973-06-13	60.0	
1973-04-18	51.2	
1973-02-21	58.8	
1972-11-29	76.9	
1972-10-04	82.0	
1972-08-10	85.1	
1972-06-14	97.0	
1972-04-19	64.3	
1972-02-23	56.1	
1971-12-29	58.7	
1971-11-03	57.9	
1971-09-08	67.5	
1971-07-14	85.5	
1971-05-19	63.2	
1971-03-24	61.0	
1971-01-27	58.5	
1970-12-02	69.4	
1970-10-08	98.0	
1970-08-12	85.0	
1970-06-17	74.0	
1970-04-22	110.0	
1970-02-25	76.0	
1969-12-30	89.0	
1969-11-05	91.0	
1969-09-17	93.7	
1969-04-30	114	
1968-03-04	95	
1967-04-02	103	
1966-04-30	120	
1964-10-01	140	
1963-10-31	117	
1962-10-01	132	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1962-05-01	133				

46 West 1/2 - 1 Mile Lower	Site ID:	Not Reported	AQUIFLOW 52317
	Groundwater Flow:	N	
	Shallow Water Depth:	43	
	Deep Water Depth:	45	
	Average Water Depth:	Not Reported	
	Date:	10/03/1990	

J47 East 1/2 - 1 Mile Higher	CA WELLS 3480
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Water System Information:

Prime Station Code:	03S/02E-09Q02 M	User ID:	ENG
FRDS Number:	0110003007	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	374100.0 1214500.0	Precision:	Undefined
Source Name:	WELL 09-01		
System Number:	0110003		
System Name:	CALIFORNIA WATER SERVICE - LIVERMORE		
Organization That Operates System:	P O BOX 1150 SAN JOSE, CA 95108		
Pop Served:	50670	Connections:	14951
Area Served:	LIVERMORE		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	04/28/1987	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/07/1987	Findings:	21.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/07/1987	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	07/07/1987	Findings:	860.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/07/1987	Findings:	7.830
Chemical:	PH (LABORATORY)		
Sample Collected:	07/07/1987	Findings:	287.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/07/1987	Findings:	347.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/07/1987	Findings:	1.600 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	07/07/1987	Findings:	.210 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	07/07/1987	Findings:	350.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/07/1987	Findings:	46.000 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/07/1987	Findings:	57.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/07/1987	Findings:	37.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/07/1987	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/07/1987	Findings:	53.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/07/1987	Findings:	.120 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/07/1987	Findings:	28.000 MG/L
Chemical:	SILICA		
Sample Collected:	07/07/1987	Findings:	280.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/07/1987	Findings:	12.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	07/07/1987	Findings:	480.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/07/1987	Findings:	- .490
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/07/1987	Findings:	39.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/07/1987	Findings:	.013 UG/L
Chemical:	IODIDE		
Sample Collected:	07/07/1987	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/25/1990	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/25/1990	Findings:	820.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/25/1990	Findings:	7.840
Chemical:	PH (LABORATORY)		
Sample Collected:	05/25/1990	Findings:	282.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/25/1990	Findings:	341.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/25/1990	Findings:	1.600 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/25/1990	Findings:	.260 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/25/1990	Findings:	320.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/25/1990	Findings:	44.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/25/1990	Findings:	54.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/25/1990	Findings:	40.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/25/1990	Findings:	.970
Chemical:	SODIUM ABSORPTION RATIO		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/25/1990	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/25/1990	Findings:	46.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/25/1990	Findings:	.150 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/25/1990	Findings:	28.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/25/1990	Findings:	220.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/25/1990	Findings:	12.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	05/25/1990	Findings:	449.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/25/1990	Findings:	20.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/25/1990	Findings:	.021 UG/L
Chemical:	IODIDE		
Sample Collected:	05/25/1990	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/28/1990	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1991	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/19/1993	Findings:	17.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/19/1993	Findings:	4.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/19/1993	Findings:	850.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/19/1993	Findings:	7.720
Chemical:	PH (LABORATORY)		
Sample Collected:	05/19/1993	Findings:	299.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/19/1993	Findings:	362.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/19/1993	Findings:	1.300 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/19/1993	Findings:	.260 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/19/1993	Findings:	358.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/19/1993	Findings:	46.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/19/1993	Findings:	68.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/19/1993	Findings:	40.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/19/1993	Findings:	.920
Chemical:	SODIUM ABSORPTION RATIO		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/19/1993	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/19/1993	Findings:	48.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/19/1993	Findings:	.140 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/19/1993	Findings:	30.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/19/1993	Findings:	310.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/19/1993	Findings:	21.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	05/19/1993	Findings:	476.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/19/1993	Findings:	.290
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/19/1993	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/19/1993	Findings:	.025 UG/L
Chemical:	IODIDE		
Sample Collected:	05/19/1993	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/19/1993	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/19/1993	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/08/1993	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/08/1993	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/09/1994	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/09/1994	Findings:	.600 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	02/09/1994	Findings:	.800 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	02/09/1994	Findings:	.060 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	02/09/1994	Findings:	3.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/09/1994	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/30/1994	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/30/1994	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/24/1994	Findings:	5.640 UG/L
Chemical:	DI-N-BUTYLPHTHALATE		
Sample Collected:	09/16/1994	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/26/1994	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/26/1994	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/15/1994	Findings:	40.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/09/1995	Findings:	5.500 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	08/09/1995	Findings:	5.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/07/1995	Findings:	25.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/30/1996	Findings:	18.900 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/30/1996	Findings:	4.000 UNITS
Chemical:	COLOR		
Sample Collected:	07/30/1996	Findings:	844.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/30/1996	Findings:	7.950
Chemical:	PH (LABORATORY)		
Sample Collected:	07/30/1996	Findings:	294.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/30/1996	Findings:	354.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/30/1996	Findings:	2.100 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	07/30/1996	Findings:	.230 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	07/30/1996	Findings:	369.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/30/1996	Findings:	49.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/30/1996	Findings:	58.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/30/1996	Findings:	39.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/30/1996	Findings:	39.000
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	07/30/1996	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/30/1996	Findings:	61.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/30/1996	Findings:	28.000 MG/L
Chemical:	SILICA		
Sample Collected:	07/30/1996	Findings:	305.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/30/1996	Findings:	12.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	07/30/1996	Findings:	.020 UG/L
Chemical:	FOAMING AGENTS (MBAS)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/30/1996	Findings:	488.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/30/1996	Findings:	.563
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/30/1996	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/30/1996	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/26/1996	Findings:	34.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1996	Findings:	35.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/16/1997	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/16/1997	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/06/1997	Findings:	2.500 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	08/06/1997	Findings:	1.500 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	09/04/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/04/1997	Findings:	.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/28/1997	Findings:	39.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/09/1997	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		

J48
East
1/2 - 1 Mile
Higher

CA WELLS 3481

Water System Information:

Prime Station Code:	03S/02E-16B01 M	User ID:	ENG
FRDS Number:	0110003005	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	374100.0 1214500.0	Precision:	Undefined
Source Name:	WELL 05-01		
System Number:	0110003		
System Name:	CALIFORNIA WATER SERVICE - LIVERMORE		
Organization That Operates System:	P O BOX 1150		
	SAN JOSE, CA 95108		
Pop Served:	50670	Connections:	14951
Area Served:	LIVERMORE		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	04/18/1987	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/18/1987	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/07/1987	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/07/1987	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	07/07/1987	Findings:	808.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/07/1987	Findings:	7.750
Chemical:	PH (LABORATORY)		
Sample Collected:	07/07/1987	Findings:	329.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/07/1987	Findings:	398.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/07/1987	Findings:	1.500 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	07/07/1987	Findings:	.220 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	07/07/1987	Findings:	362.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/07/1987	Findings:	50.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/07/1987	Findings:	58.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/07/1987	Findings:	34.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/07/1987	Findings:	.780
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	07/07/1987	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/07/1987	Findings:	37.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/07/1987	Findings:	30.000 MG/L
Chemical:	SILICA		
Sample Collected:	07/07/1987	Findings:	290.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/07/1987	Findings:	13.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	07/07/1987	Findings:	469.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/07/1987	Findings:	- .500
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/07/1987	Findings:	9.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/07/1987	Findings:	.011 UG/L
Chemical:	IODIDE		
Sample Collected:	07/07/1987	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/15/1990	Findings:	2.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/15/1990	Findings:	735.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/15/1990	Findings:	7.810
Chemical:	PH (LABORATORY)		
Sample Collected:	05/15/1990	Findings:	280.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/15/1990	Findings:	339.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/15/1990	Findings:	1.500 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/15/1990	Findings:	.140 UG/L
Chemical:	PHOSPHATE		
Sample Collected:	05/15/1990	Findings:	348.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/15/1990	Findings:	46.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/15/1990	Findings:	61.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/15/1990	Findings:	29.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/15/1990	Findings:	.680
Chemical:	SODIUM ABSORPTION RATIO		
Sample Collected:	05/15/1990	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/15/1990	Findings:	46.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/15/1990	Findings:	.160 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/15/1990	Findings:	24.000 MG/L
Chemical:	SILICA		
Sample Collected:	05/15/1990	Findings:	270.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/15/1990	Findings:	12.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	05/15/1990	Findings:	250.000 UG/L
Chemical:	IRON		
Sample Collected:	05/15/1990	Findings:	435.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/15/1990	Findings:	17.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/15/1990	Findings:	.009 UG/L
Chemical:	IODIDE		
Sample Collected:	05/15/1990	Findings:	.250 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/06/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

49 NW 1/2 - 1 Mile Lower	Site ID: Not Reported Groundwater Flow: N Shallow Water Depth: 42 Deep Water Depth: 45 Average Water Depth: Not Reported Date: 08/1990	AQUIFLOW 52316
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50 SE 1/2 - 1 Mile Higher	FED USGS USGS3223359
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Agency cd: USGS Site name: 003S002E16J001M Latitude: 374016 Longitude: 1214508 Dec lon: -121.75328615 Coor accr: S Dec latlong datum: NAD83 State: 06 Country: US Location map: LIVERMORE Altitude: 543.10 Altitude accuracy: .1 Hydrologic: San Francisco Bay, California. Area = 1200 sq.mi. Topographic: Valley flat Site type: Ground-water other than Spring Date inventoried: Not Reported 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: 501 Source of depth data: Not Reported Real time data flag: 0 Daily flow data end date: 0000-00-00 Peak flow data begin date: 0000-00-00 Peak flow data count: 0 Water quality data end date: 1983-08-10 Ground water data begin date: 1969-09-04 Ground water data count: 158	Site no: 374016121450801 Dec lat: 37.67104145 Coor meth: M Latlong datum: NAD27 District: 06 County: 001 Land net: NENESES16 T3S R2E M Map scale: 24000 Altitude method: L Altitude datum: NGVD29 Date construction: 19410707 Mean greenwich time offset: PST Hole depth: 501 Project number: CA-9-358M Daily flow data begin date: 0000-00-00 Daily flow data count: 0 Peak flow data end date: 0000-00-00 Water quality data begin date: 1977-07-27 Water quality data count: 22 Ground water data end date: 1981-12-22
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Ground-water levels, Number of Measurements: 158

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-12-22	68.6		1981-09-30	85.0	
1981-06-24	100.1		1981-03-13	70.0	
1980-12-10	73.9		1980-10-30	81.9	
1980-10-27	83.0		1980-10-01	98.5	
1980-08-26	98.5		1980-08-13	96.7	
1980-07-29	96.0		1980-06-26	89.7	
1980-03-26	59.0		1980-02-26	61.3	
1980-01-25	65.5		1980-01-22	70.5	
1979-12-31	85.4		1979-12-20	85.3	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1979-11-27	83.2		1979-10-23	92.2	
1979-10-02	103.6		1979-08-20	104.3	
1979-08-17	103.5		1979-07-18	101.4	
1979-06-26	98.1		1979-05-31	89.4	
1979-05-14	70.4		1979-04-19	62.7	
1979-03-14	61.8		1979-03-01	62.2	
1979-01-04	69.5		1978-12-21	70.2	
1978-12-14	70.2		1978-11-09	78.0	
1978-10-12	89.9		1978-09-18	100.3	
1978-08-25	99.7		1978-08-08	98.1	
1978-07-11	90.3		1978-06-15	85.6	
1978-06-12	85.8		1978-05-12	58.2	
1978-04-27	56.9		1978-04-11	56.9	
1978-03-07	61.5		1978-02-07	65.8	
1978-01-27	68.2		1978-01-10	82.6	
1977-12-14	99.7		1977-11-21	97.5	
1977-11-08	88.3		1977-10-11	83.3	
1977-09-12	82.3		1977-08-10	85.0	
1977-07-27	85.07		1977-07-08	88.4	
1977-06-07	88.1		1977-05-10	82.7	
1977-04-11	79.6		1977-03-10	77.4	
1977-02-07	74.1		1977-01-10	70.0	
1976-12-07	73.5		1976-11-10	80.0	
1976-10-13	84.2		1976-09-08	104.0	
1976-08-12	111.6		1976-07-16	116.9	
1976-06-09	111.5		1976-05-12	101.9	
1976-04-16	75.5		1976-03-08	69.7	
1976-02-09	73.4		1976-01-15	75.4	
1975-11-25	82.6				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1975-10-30	93.2				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1975-10-01	101.2				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1975-09-11	114.0				
Note: A nearby site that taps the same aquifer was being pumped.					
1975-08-06	126.1				
Note: A nearby site that taps the same aquifer was being pumped.					
1975-07-30	109.1				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1975-07-09	107.1				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1975-06-11	111.6				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1975-05-15	73.3				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1975-04-16	62.3				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1975-03-17	65.8				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1975-02-19	67.8				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1975-01-27	69.9				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-12-26	71.1				
Note: A nearby site that taps the same aquifer had been pumped recently.					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1974-11-25	79.1				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-10-31	84.2				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-10-02	85.2				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-09-05	98.8				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-08-09	105.3				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-07-10	94.3				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-06-12	105.8				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-05-15	85.5				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-04-27	73.8				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-03-20	70.3				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-02-20	77.6				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1974-01-23	75.8				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-12-27	107.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-12-26	80.1				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-11-26	86.1				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-10-31	98.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-10-03	114.1				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-09-05	103.6				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-08-08	105.2				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-07-11	105.2				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-06-13	101.3				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-05-16	107.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-04-18	101.1				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-03-22	79.7				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-02-24	86.1				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1973-01-24	94.2				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-11-29	113.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-11-11	124.8				
Note: A nearby site that taps the same aquifer had been pumped recently.					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1972-10-04	132.8				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-09-06	152.3				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-08-10	150.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-07-13	143.1				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-06-14	127.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-05-18	116.7				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-04-19	106.6				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-03-22	105.2				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-02-23	100.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1972-01-26	107.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1971-12-29	118.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1971-12-01	120.4				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1971-11-03	119.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1971-10-06	127.6				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1971-09-08	140.6				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1971-08-11	145.8				
Note: A nearby site that taps the same aquifer was being pumped.					
1971-07-11	151.0				
Note: A nearby site that taps the same aquifer was being pumped.					
1971-06-16	147.0				
Note: A nearby site that taps the same aquifer was being pumped.					
1971-05-19	135.2				
Note: A nearby site that taps the same aquifer was being pumped.					
1971-04-21	141.0				
Note: A nearby site that taps the same aquifer was being pumped.					
1971-03-24	131.0				
Note: A nearby site that taps the same aquifer was being pumped.					
1971-02-24	125.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1971-01-27	122.5				
Note: A nearby site that taps the same aquifer was being pumped.					
1970-12-30	142.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1970-12-02	138.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1970-11-04	178.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1970-10-08	193.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1970-09-10	189.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1970-08-12	198.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1970-07-15	201.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1970-06-17	200.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1970-05-20	145.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1970-04-22	145.2				
Note: A nearby site that taps the same aquifer was being pumped.					
1970-03-25	136.5				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1970-02-25	143.2				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1970-01-28	145.5				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1969-12-30	171.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1969-12-03	175.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1969-11-05	177.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1969-10-08	176.2				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1969-09-17	178.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					
1969-09-04	187.0				
Note: A nearby site that taps the same aquifer had been pumped recently.					

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
94550	18	3	16.67

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: 94550

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.567 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. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

Attachment B

**LABORATORY CERTIFIED ANALYTICAL RESULTS
AND
CHAIN-OF-CUSTODY DOCUMENTATION**



28 February, 2006

Debbie Arnold
Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose, CA 95119

RE: 318 S. Livermore Ave., Livermore
Work Order: MPB1034

Enclosed are the results of analyses for samples received by the laboratory on 02/24/06 15:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119

Project:318 S. Livermore Ave., Livermore
Project Number:SJ31-8LI-1
Project Manager:Debbie Arnold

MPB1034
Reported:
02/28/06 16:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-23 @ 5'	MPB1034-01	Soil	02/23/06 10:10	02/24/06 15:20
SS-24 @ 5'	MPB1034-02	Soil	02/23/06 10:30	02/24/06 15:20
SS-25 @ 5'	MPB1034-03	Soil	02/23/06 10:55	02/24/06 15:20
SS-26 @ 2'	MPB1034-04	Soil	02/23/06 11:00	02/24/06 15:20
SS-27@ 2'	MPB1034-05	Soil	02/23/06 11:05	02/24/06 15:20
SS-28@ 2'	MPB1034-06	Soil	02/23/06 11:10	02/24/06 15:20
SS-29@ 2'	MPB1034-07	Soil	02/23/06 11:15	02/24/06 15:20
SS-30 @ 5'	MPB1034-08	Soil	02/23/06 11:35	02/24/06 15:20
SS-31 @ 2'	MPB1034-09	Soil	02/23/06 11:40	02/24/06 15:20
SS-32 @ 2'	MPB1034-10	Soil	02/23/06 11:50	02/24/06 15:20

Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119

Project: 318 S. Livermore Ave., Livermore
Project Number: SJ31-8LI-1
Project Manager: Debbie Arnold

MPB1034
Reported:
02/28/06 16:03

Total Metals by EPA 6000/7000 Series Methods Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-23 @ 5' (MPB1034-01) Soil Sampled: 02/23/06 10:10 Received: 02/24/06 15:20									
Lead	ND	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	
SS-24 @ 5' (MPB1034-02) Soil Sampled: 02/23/06 10:30 Received: 02/24/06 15:20									
Lead	ND	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	
SS-25 @ 5' (MPB1034-03) Soil Sampled: 02/23/06 10:55 Received: 02/24/06 15:20									
Lead	ND	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	
SS-26 @ 2' (MPB1034-04) Soil Sampled: 02/23/06 11:00 Received: 02/24/06 15:20									
Lead	ND	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	
SS-27 @ 2' (MPB1034-05) Soil Sampled: 02/23/06 11:05 Received: 02/24/06 15:20									
Lead	17	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	
SS-28 @ 2' (MPB1034-06) Soil Sampled: 02/23/06 11:10 Received: 02/24/06 15:20									
Lead	28	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	
SS-29 @ 2' (MPB1034-07) Soil Sampled: 02/23/06 11:15 Received: 02/24/06 15:20									
Lead	ND	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	
SS-30 @ 5' (MPB1034-08) Soil Sampled: 02/23/06 11:35 Received: 02/24/06 15:20									
Lead	ND	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	
SS-31 @ 2' (MPB1034-09) Soil Sampled: 02/23/06 11:40 Received: 02/24/06 15:20									
Lead	83	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	



Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119

Project: 318 S. Livermore Ave., Livermore
Project Number: SJ31-8LI-1
Project Manager: Debbie Arnold

MPB1034
Reported:
02/28/06 16:03

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SS-32 @ 2' (MPB1034-10) Soil **Sampled: 02/23/06 11:50** **Received: 02/24/06 15:20**

Lead	71	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	
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Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119

Project: 318 S. Livermore Ave., Livermore
Project Number: SJ31-8LI-1
Project Manager: Debbie Arnold

MPB1034
Reported:
02/28/06 16:03

Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B28001 - EPA 3050B / EPA 6010B
Blank (6B28001-BLK1)

Prepared & Analyzed: 02/28/06

Lead ND 5.0 mg/kg

Laboratory Control Sample (6B28001-BS1)

Prepared & Analyzed: 02/28/06

Lead 44.9 5.0 mg/kg 50.0 90 85-115

Matrix Spike (6B28001-MS1)
Source: MPB1034-01

Prepared & Analyzed: 02/28/06

Lead 49.5 10 mg/kg 50.0 5.7 88 75-125

Matrix Spike Dup (6B28001-MSD1)
Source: MPB1034-01

Prepared & Analyzed: 02/28/06

Lead 47.3 10 mg/kg 50.0 5.7 83 75-125 5 20

Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119Project:318 S. Livermore Ave., Livermore
Project Number:SJ31-8LI-1
Project Manager:Debbie ArnoldMPB1034
Reported:
02/28/06 16:03**Notes and Definitions**

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Delta
 REC. BY (PRINT): MF
 WORKORDER: MPB1034

DATE REC'D AT LAB: 2/24/06
 TIME REC'D AT LAB: 15:20
 DATE LOGGED IN: 2-25-06

For Regulatory Purposes?

DRINKING WATER YES (NO)

WASTE WATER YES (NO)

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / <u>(Absent)</u> Intact / Broken*	01	A	SS-23 05	metal core	—	—	S	2/23/06	
2. Chain-of-Custody	<u>(Present)</u> / Absent*	02		24						
3. Traffic Reports or Packing List:	Present / <u>(Absent)</u>	03		25						
4. Airbill:	Airbill / Sticker Present / <u>(Absent)</u>	04		26 02						
5. Airbill #:		05		27						
6. Sample Labels:	<u>(Present)</u> / Absent	06		28						
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody	07		29						
8. Sample Condition:	<u>(Intact)</u> / Broken* / Leaking*	08		30 05						
9. Does information on chain-of-custody, traffic reports and sample labels agree?	<u>(Yes)</u> / No*	09		31 02						
10. Sample received within hold time?	<u>(Yes)</u> / No*	10		32 07						
11. Adequate sample volume received?	<u>(Yes)</u> / No*			Soil A-D	4-metal core					
12. Proper preservatives used?	<u>(Yes)</u> / No*			E-H						
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / <u>(No)</u>									
14. Read Temp: Corrected Temp: Is corrected temp 4 +/- 2°C?	<u>(Yes)</u> / No**									

MF 2/24/06

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.



1 March, 2006

Debbie Arnold
Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose, CA 95119

RE: 318 S. Livermore Ave., Livermore
Work Order: MPB1035

Enclosed are the results of analyses for samples received by the laboratory on 02/24/06 15:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119Project:318 S. Livermore Ave., Livermore
Project Number:SJ31-8LI-1
Project Manager:Debbie ArnoldMPB1035
Reported:
03/01/06 17:08**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Soil (A,B,C,D)	MPB1035-01	Soil	02/23/06 00:00	02/24/06 15:20

Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119

Project: 318 S. Livermore Ave., Livermore
Project Number: SJ31-8LI-1
Project Manager: Debbie Arnold

MPB1035
Reported:
03/01/06 17:08

Purgeable Hydrocarbons and Volatile Organic Compounds by EPA method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Soil (A,B,C,D) (MPB1035-01) Soil Sampled: 02/23/06 00:00 Received: 02/24/06 15:20									
Gasoline Range Organics (C4-C12)	ND	93	ug/kg	0.93	6B28012	02/28/06	02/28/06	EPA 8260B	
Benzene	ND	4.6	"	"	"	"	"	"	
Toluene	ND	4.6	"	"	"	"	"	"	
Ethylbenzene	ND	4.6	"	"	"	"	"	"	
Xylenes (total)	ND	4.6	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		82 %	60-125		"	"	"	"	

Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119

Project:318 S. Livermore Ave., Livermore
Project Number:SJ31-8LI-1
Project Manager:Debbie Arnold

MPB1035
Reported:
03/01/06 17:08

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Soil (A,B,C,D) (MPB1035-01) Soil **Sampled: 02/23/06 00:00** **Received: 02/24/06 15:20**

Lead	ND	10	mg/kg	2	6B28001	02/28/06	02/28/06	EPA 6010B	
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Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119

Project: 318 S. Livermore Ave., Livermore
Project Number: SJ31-8LI-1
Project Manager: Debbie Arnold

MPB1035
Reported:
03/01/06 17:08

Purgeable Hydrocarbons and Volatile Organic Compounds by EPA method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B28012 - EPA 5035 / EPA 8260B

Blank (6B28012-BLK1)

Prepared & Analyzed: 02/28/06

Gasoline Range Organics (C4-C12)	ND	100	ug/kg							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
Xylenes (total)	ND	5.0	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.11</i>		<i>"</i>	<i>5.00</i>		<i>82</i>	<i>60-125</i>			

Laboratory Control Sample (6B28012-BS1)

Prepared & Analyzed: 02/28/06

Gasoline Range Organics (C4-C12)	422	100	ug/kg	440		96	53-126			
Benzene	4.45	5.0	"	5.04		88	65-125			
Toluene	32.7	5.0	"	38.0		86	85-125			
Ethylbenzene	6.37	5.0	"	7.28		87	80-135			
Xylenes (total)	37.8	5.0	"	40.8		93	80-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.13</i>		<i>"</i>	<i>5.00</i>		<i>83</i>	<i>60-125</i>			

Matrix Spike (6B28012-MS1)

Source: MPB1032-03

Prepared & Analyzed: 02/28/06

Gasoline Range Organics (C4-C12)	458	100	ug/kg	440	15	101	53-126			
Benzene	4.93	5.0	"	5.04	ND	98	65-125			
Toluene	34.8	5.0	"	38.0	0.26	91	85-125			
Ethylbenzene	6.63	5.0	"	7.28	ND	91	80-135			
Xylenes (total)	38.9	5.0	"	40.8	ND	95	80-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.11</i>		<i>"</i>	<i>5.00</i>		<i>82</i>	<i>60-125</i>			

Matrix Spike Dup (6B28012-MSD1)

Source: MPB1032-03

Prepared & Analyzed: 02/28/06

Gasoline Range Organics (C4-C12)	442	100	ug/kg	440	15	97	53-126	4	25	
Benzene	4.78	5.0	"	5.04	ND	95	65-125	3	20	
Toluene	33.7	5.0	"	38.0	0.26	88	85-125	3	15	
Ethylbenzene	6.45	5.0	"	7.28	ND	89	80-135	3	20	
Xylenes (total)	37.9	5.0	"	40.8	ND	93	80-140	3	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.04</i>		<i>"</i>	<i>5.00</i>		<i>81</i>	<i>60-125</i>			

Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119

Project: 318 S. Livermore Ave., Livermore
Project Number: SJ31-8LI-1
Project Manager: Debbie Arnold

MPB1035
Reported:
03/01/06 17:08

Total Metals by EPA 6000/7000 Series Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B28001 - EPA 3050B / EPA 6010B
Blank (6B28001-BLK1)

Prepared & Analyzed: 02/28/06

Lead ND 5.0 mg/kg

Laboratory Control Sample (6B28001-BS1)

Prepared & Analyzed: 02/28/06

Lead 44.9 5.0 mg/kg 50.0 90 85-115

Matrix Spike (6B28001-MS1)
Source: MPB1034-01

Prepared & Analyzed: 02/28/06

Lead 49.5 10 mg/kg 50.0 5.7 88 75-125

Matrix Spike Dup (6B28001-MSD1)
Source: MPB1034-01

Prepared & Analyzed: 02/28/06

Lead 47.3 10 mg/kg 50.0 5.7 83 75-125 5 20

Delta Environmental Consultants [Shell]
175 Bernal Rd. Suite 200
San Jose CA, 95119Project:318 S. Livermore Ave., Livermore
Project Number:SJ31-8LI-1
Project Manager:Debbie ArnoldMPB1035
Reported:
03/01/06 17:08**Notes and Definitions**

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Delta

REC. BY (PRINT) MF

WORKORDER: MP131035

DATE REC'D AT LAB: 2/24/06

TIME REC'D AT LAB: 15:20

DATE LOGGED IN: 2-25-06

For Regulatory Purposes?

DRINKING WATER YES NO

WASTE WATER YES NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / <u>Absent</u> Intact / Broken*			<u>SS-2305</u>	<u>metal core</u>			<u>S</u>	<u>2/23/06</u>	
2. Chain-of-Custody	<u>Present</u> / Absent*			<u>24</u>						
3. Traffic Reports or Packing List:	Present / <u>Absent</u>			<u>25</u>						
4. Airbill:	Airbill / Sticker Present / <u>Absent</u>			<u>2602</u>						
5. Airbill #:				<u>27</u>						
6. Sample Labels:	<u>Present</u> / Absent			<u>28</u>						
7. Sample IDs:	<u>Listed</u> / Not Listed on Chain-of-Custody			<u>29</u>						
8. Sample Condition:	<u>Intact</u> / Broken* / Leaking*	<u>01</u>	<u>A-D</u>	<u>3005</u>	<u>4-metal core</u>					
9. Does information on chain-of-custody, traffic reports and sample labels agree?	<u>Yes</u> / No*	<u>02</u>	<u>E-H</u>	<u>3102</u>						
10. Sample received within hold time?	<u>Yes</u> / No*			<u>3207</u>						
11. Adequate sample volume received?	<u>Yes</u> / No*									
12. Proper preservatives used?	<u>Yes</u> / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / <u>No</u>									
14. Read Temp: Corrected Temp: Is corrected temp 4 +/-2°C?	<u>4.9</u> <u>4.9</u> <u>Yes</u> / No**									

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

Attachment C

NON-HAZARDOUS WASTE MANIFESTS

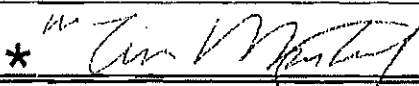
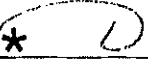
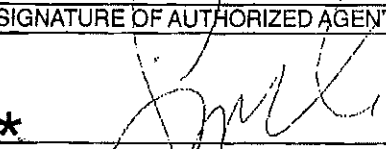
☐ Keller Canyon
Sanitary Landfill
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ Ox Mountain
Sanitary Landfill
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ Newby Island
Sanitary Landfill
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ Forward
Landfill
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR Equilon Enterprises, LLC		WASTE ACCEPTANCE NO. # 6187	
MAILING ADDRESS P.O. Box 7889			
CITY, STATE, ZIP Burbank, CA 91510		REQUIRED PERSONAL PROTECTIVE EQUIPMENT	
PHONE 707-856-0251		<input type="checkbox"/> GLOVES <input type="checkbox"/> GOGGLES <input type="checkbox"/> RESPIRATOR <input type="checkbox"/> HARD HAT	
CONTACT PERSON Denis Brown		<input type="checkbox"/> TY-VEK <input type="checkbox"/> OTHER	
SIGNATURE OF AUTHORIZED AGENT / TITLE * 		SPECIAL HANDLING PROCEDURES:	
DATE			
<small>GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or Title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.</small>			
WASTE TYPE:		RECEIVING FACILITY	
<input type="checkbox"/> DISPOSAL <input type="checkbox"/> SLUDGE <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> WOOD <input type="checkbox"/> DEBRIS <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL WASTE			
GENERATING FACILITY 318 Livermore Livermore, CA		RIPR # 51627 SAF# N/A Incident # 97464709 WIC # N/A	
TRANSPORTER Manley & Sons Trucking, Inc.		NOTES:	
ADDRESS 8896 Elder Creek Rd.		VEHICLE LICENSE NUMBER 5K70028	
CITY, STATE, ZIP Sacramento, CA 95828		TRUCK NUMBER 8-97	
PHONE (916) 381-8864		END DUMP <input type="checkbox"/> BOTTOM DUMP <input type="checkbox"/> TRANSFER <input checked="" type="checkbox"/>	
SIGNATURE OF AUTHORIZED AGENT OR DRIVER * 		ROLL-OFF(S) <input type="checkbox"/> FLAT-BED <input type="checkbox"/> VAN <input type="checkbox"/> DRUMS <input type="checkbox"/>	
DATE 3/13/06			
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		CUBIC YARDS 18 cy	
REMARKS		DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)	
FACILITY TICKET NUMBER		<input type="checkbox"/> DISPOSE <input type="checkbox"/> OTHER	
SIGNATURE OF AUTHORIZED AGENT * 		<input type="checkbox"/> SOIL	
DATE 3/13/06		<input type="checkbox"/> CONSTRUCTION DEBRIS	
		<input type="checkbox"/> NON-FRIABLE ASBESTOS	
		<input type="checkbox"/> WOOD	
		<input type="checkbox"/> ASH	
		<input type="checkbox"/> SPECIAL OTHER	

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

GENERATOR COPY

MANIFEST # 442824

☐ **Keller Canyon
Sanitary Landfill**

901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain
Sanitary Landfill**

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Half Moon Bay, CA 94019
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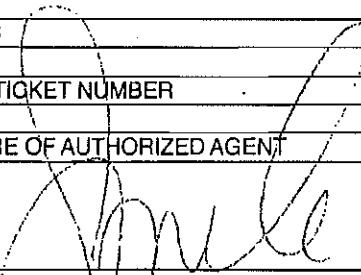
☐ **Newby Island
Sanitary Landfill**

1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
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☐ **Forward
Landfill**

9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR Equilon Enterprises, LLC		WASTE ACCEPTANCE NO. # 6187	
MAILING ADDRESS P.O. Box 7869 Burbank, CA 91510		REQUIRED PERSONAL PROTECTIVE EQUIPMENT <input type="checkbox"/> GLOVES <input type="checkbox"/> GOGGLES <input type="checkbox"/> RESPIRATOR <input type="checkbox"/> HARD HAT <input type="checkbox"/> TY-VEK <input type="checkbox"/> OTHER	
PHONE 707-856-0251		SPECIAL HANDLING PROCEDURES:	
CONTACT PERSON Denis Brown		RECEIVING FACILITY	
SIGNATURE OF AUTHORIZED AGENT / TITLE * 		RIPR # 51627 Incident # 97464709	
DATE		SAP# N/A WIC # N/A	
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or Title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.			
WASTE TYPE: <input type="checkbox"/> DISPOSAL <input type="checkbox"/> SLUDGE <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> WOOD <input type="checkbox"/> DEBRIS <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL WASTE			
GENERATING FACILITY 318 Livermore Livermore, CA			
TRANSPORTER Manley & Sons Trucking, Inc.		NOTES: VEHICLE LICENSE NUMBER 5269594	
ADDRESS 8800 Elder Creek Rd.		TRUCK NUMBER H-15	
CITY, STATE, ZIP Sacramento, CA 95828		END DUMP <input type="checkbox"/> BOTTOM DUMP <input type="checkbox"/> TRANSFER <input checked="" type="checkbox"/>	
PHONE (916) 381-6864		ROLL-OFF(S) <input type="checkbox"/> FLAT-BED <input type="checkbox"/> VAN <input type="checkbox"/> DRUMS <input type="checkbox"/>	
SIGNATURE OF AUTHORIZED AGENT OR DRIVER * 		DATE 3-13-06	
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		CUBIC YARDS 18 cy	
REMARKS		DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)	
FACILITY TICKET NUMBER		DISPOSE <input type="checkbox"/> OTHER <input type="checkbox"/>	
SIGNATURE OF AUTHORIZED AGENT * 		<input type="checkbox"/> SOIL	
DATE		<input type="checkbox"/> CONSTRUCTION DEBRIS	
		<input type="checkbox"/> NON-FRIABLE ASBESTOS	
		<input type="checkbox"/> WOOD	
		<input type="checkbox"/> ASH	
		<input type="checkbox"/> SPECIAL OTHER	

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GENERATOR COPY

MANIFEST # 442825

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Sanitary Landfill**
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Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain
Sanitary Landfill**
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☐ **Forward
Landfill**
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Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR Equilon Enterprises, LLC MAILING ADDRESS P.O. Box 7869 Burbank, CA 91510 PHONE 707-856-0251 CONTACT PERSON Denis Brown SIGNATURE OF AUTHORIZED AGENT / TITLE DATE <i>* [Signature]</i>		WASTE ACCEPTANCE NO. # 6187 REQUIRED PERSONAL PROTECTIVE EQUIPMENT <input type="checkbox"/> GLOVES <input type="checkbox"/> GOGGLES <input type="checkbox"/> RESPIRATOR <input type="checkbox"/> HARD HAT <input type="checkbox"/> TY-VEK <input type="checkbox"/> OTHER SPECIAL HANDLING PROCEDURES: 																						
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261. WASTE TYPE: <input type="checkbox"/> DISPOSAL <input type="checkbox"/> SLUDGE <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> WOOD <input type="checkbox"/> DEBRIS <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL WASTE GENERATING FACILITY 318 Livermore Livermore, CA		RECEIVING FACILITY RIPR # 51627 SAP# N/A Incident # 97464709 WIC # N/A																						
TRANSPORTER Manley & Sons Trucking, Inc. ADDRESS 8896 Elder Creek Rd. CITY, STATE, ZIP Sacramento, CA 95828 PHONE (916) 381-8864 SIGNATURE OF AUTHORIZED AGENT OR DRIVER DATE <i>* [Signature]</i> 3/13/06		NOTES: VEHICLE LICENSE NUMBER TRUCK NUMBER 6T66002 142 <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">END DUMP</td> <td style="width:25%;">BOTTOM DUMP</td> <td style="width:25%;">TRANSFER</td> <td style="width:25%;"></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>ROLL-OFF(S)</td> <td>FLAT-BED</td> <td>VAN</td> <td>DRUMS</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		END DUMP	BOTTOM DUMP	TRANSFER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		ROLL-OFF(S)	FLAT-BED	VAN	DRUMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
END DUMP	BOTTOM DUMP	TRANSFER																						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																						
ROLL-OFF(S)	FLAT-BED	VAN	DRUMS																					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate. REMARKS FACILITY TICKET NUMBER SIGNATURE OF AUTHORIZED AGENT DATE <i>* [Signature]</i> 3/13/07		CUBIC YARDS 18 cy DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;"></td> <td style="width:25%;">DISPOSE</td> <td style="width:25%;">OTHER</td> </tr> <tr> <td><input type="checkbox"/> SOIL</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> CONSTRUCTION DEBRIS</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> NON-FRIABLE ASBESTOS</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> WOOD</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> ASH</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> SPECIAL OTHER</td> <td></td> <td></td> </tr> </table>			DISPOSE	OTHER	<input type="checkbox"/> SOIL			<input type="checkbox"/> CONSTRUCTION DEBRIS			<input type="checkbox"/> NON-FRIABLE ASBESTOS			<input type="checkbox"/> WOOD			<input type="checkbox"/> ASH			<input type="checkbox"/> SPECIAL OTHER		
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GENERATOR COPY

MANIFEST # 442826

☐ **Keller Canyon
Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain
Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
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Sanitary Landfill**
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Landfill**
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Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR Equilon Enterprises, LLC MAILING ADDRESS P.O. Box 7869 CITY, STATE, ZIP Burbank, CA 91510 PHONE 707-856-0251 CONTACT PERSON Denis Brown SIGNATURE OF AUTHORIZED AGENT / TITLE DATE <i>* [Signature]</i>		WASTE ACCEPTANCE NO. # 6187 REQUIRED PERSONAL PROTECTIVE EQUIPMENT <input type="checkbox"/> GLOVES <input type="checkbox"/> GOGGLES <input type="checkbox"/> RESPIRATOR <input type="checkbox"/> HARD HAT <input type="checkbox"/> TY-VEK <input type="checkbox"/> OTHER SPECIAL HANDLING PROCEDURES: 																						
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TRANSPORTER Manley & Sons Trucking, Inc ADDRESS 8896 Elder Creek Rd CITY, STATE, ZIP Sacramento, CA 95828 PHONE (916) 381-8864 SIGNATURE OF AUTHORIZED AGENT OR DRIVER DATE <i>* [Signature]</i> 3-13-01		NOTES: VEHICLE LICENSE NUMBER TRUCK NUMBER END DUMP BOTTOM DUMP TRANSFER <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> ROLL-OFF(S) FLAT-BED VAN DRUMS <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>																						
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GENERATOR COPY

MANIFEST # 442827

☐ **Keller Canyon
Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain
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☐ **Newby Island
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☐ **Forward
Landfill**
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Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR Equilon Enterprises, LLC MAILING ADDRESS P.O. Box 7869 CITY, STATE, ZIP Burbank, CA 91510 PHONE 707-856-0251 CONTACT PERSON Denis Brown SIGNATURE OF AUTHORIZED AGENT / TITLE DATE <i>* [Signature]</i>		WASTE ACCEPTANCE NO. # 6187 REQUIRED PERSONAL PROTECTIVE EQUIPMENT <input type="checkbox"/> GLOVES <input type="checkbox"/> GOGGLES <input type="checkbox"/> RESPIRATOR <input type="checkbox"/> HARD HAT <input type="checkbox"/> TY-VEK <input type="checkbox"/> OTHER SPECIAL HANDLING PROCEDURES: 																						
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END DUMP	BOTTOM DUMP	TRANSFER																						
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I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate. REMARKS FACILITY TICKET NUMBER SIGNATURE OF AUTHORIZED AGENT DATE <i>* [Signature]</i> 03/20/06		CUBIC YARDS 18 cy DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL) <table style="width:100%;"> <tr> <td style="width:60%;"></td> <td style="width:20%;">DISPOSE</td> <td style="width:20%;">OTHER</td> </tr> <tr> <td><input type="checkbox"/> SOIL</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> CONSTRUCTION DEBRIS</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> NON-FRIABLE ASBESTOS</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> WOOD</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> ASH</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> SPECIAL OTHER</td> <td></td> <td></td> </tr> </table>			DISPOSE	OTHER	<input type="checkbox"/> SOIL			<input type="checkbox"/> CONSTRUCTION DEBRIS			<input type="checkbox"/> NON-FRIABLE ASBESTOS			<input type="checkbox"/> WOOD			<input type="checkbox"/> ASH			<input type="checkbox"/> SPECIAL OTHER		
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GENERATOR COPY

MANIFEST # 442830

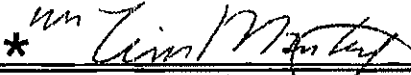

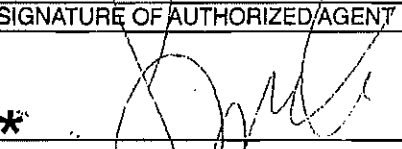
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NON-HAZARDOUS WASTE MANIFEST

GENERATOR Equilon Enterprises, LLC		WASTE ACCEPTANCE NO. # 6187	
MAILING ADDRESS P.O. Box 7869			
CITY, STATE, ZIP Burbank, CA 91510		REQUIRED PERSONAL PROTECTIVE EQUIPMENT	
PHONE 707-856-0251		<input type="checkbox"/> GLOVES <input type="checkbox"/> GOGGLES <input type="checkbox"/> RESPIRATOR <input type="checkbox"/> HARD HAT	
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WASTE TYPE:		RECEIVING FACILITY	
<input type="checkbox"/> DISPOSAL <input type="checkbox"/> SLUDGE			
<input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> WOOD			
<input type="checkbox"/> DEBRIS <input type="checkbox"/> OTHER			
<input type="checkbox"/> SPECIAL WASTE			
GENERATING FACILITY 318 Livermore Livermore, CA		RIPR # 51627 SAP# N/A Incident # 97464709 WIC # N/A	
TRANSPORTER Manley & Sons Trucking, Inc.		NOTES: VEHICLE LICENSE NUMBER TRUCK NUMBER	
ADDRESS 8896 Elder Creek Rd.		5M94408 M-8	
CITY, STATE, ZIP Sacramento, CA 95828			
PHONE (916) 381-6864			
SIGNATURE OF AUTHORIZED AGENT OR DRIVER * 		END DUMP <input type="checkbox"/> BOTTOM DUMP <input type="checkbox"/> TRANSFER <input checked="" type="checkbox"/>	
DATE 3-13		ROLL-OFF(S) <input type="checkbox"/> FLAT-BED <input type="checkbox"/> VAN <input type="checkbox"/> DRUMS <input type="checkbox"/>	
REMARKS I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		CUBIC YARDS 18 cy	
FACILITY TICKET NUMBER		DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)	
SIGNATURE OF AUTHORIZED AGENT * 		<input type="checkbox"/> DISPOSE <input type="checkbox"/> OTHER	
DATE 03/13/06		<input type="checkbox"/> SOIL	
		<input type="checkbox"/> CONSTRUCTION DEBRIS	
		<input type="checkbox"/> NON-FRIABLE ASBESTOS	
		<input type="checkbox"/> WOOD	
		<input type="checkbox"/> ASH	
		<input type="checkbox"/> SPECIAL OTHER	

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

GENERATOR COPY

MANIFEST # 442831

☐ **Keller Canyon
Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain
Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island
Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward
Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR Equilon Enterprises, LLC		WASTE ACCEPTANCE NO. # 6187	
MAILING ADDRESS P.O. Box 7869		REQUIRED PERSONAL PROTECTIVE EQUIPMENT	
CITY, STATE, ZIP Burbank, CA 91510		<input type="checkbox"/> GLOVES <input type="checkbox"/> GOGGLES <input type="checkbox"/> RESPIRATOR <input type="checkbox"/> HARD HAT	
PHONE 707-858-0251		<input type="checkbox"/> TY-VEK <input type="checkbox"/> OTHER	
CONTACT PERSON Denis Brown		SPECIAL HANDLING PROCEDURES:	
SIGNATURE OF AUTHORIZED AGENT / TITLE * <i>Lin M. [Signature]</i>		RECEIVING FACILITY	
DATE			
<small>GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.</small>			
WASTE TYPE:			
<input type="checkbox"/> DISPOSAL <input type="checkbox"/> SLUDGE <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> WOOD <input type="checkbox"/> DEBRIS <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL WASTE			
GENERATING FACILITY 318 Livermore Livermore, CA			
TRANSPORTER Manley & Sons Trucking, Inc.		NOTES: VEHICLE LICENSE NUMBER TRUCK NUMBER	
ADDRESS 8896 Elder Creek Rd.			
CITY, STATE, ZIP Sacramento, CA 95828			
PHONE (916) 381-6864			
SIGNATURE OF AUTHORIZED AGENT OR DRIVER * <i>[Signature]</i>		END DUMP <input checked="" type="checkbox"/> BOTTOM DUMP <input type="checkbox"/> TRANSFER <input type="checkbox"/>	
DATE 3-13-5		ROLL-OFF(S) <input type="checkbox"/> FLAT-BED <input type="checkbox"/> VAN <input type="checkbox"/> DRUMS <input type="checkbox"/>	
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		CUBIC YARDS 13 cy	
REMARKS		DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)	
FACILITY TICKET NUMBER		DISPOSE OTHER	
SIGNATURE OF AUTHORIZED AGENT * <i>[Signature]</i>		<input type="checkbox"/> SOIL	
DATE MARCH 13, 2000		<input type="checkbox"/> CONSTRUCTION DEBRIS	
		<input type="checkbox"/> NON-FRIABLE ASBESTOS	
		<input type="checkbox"/> WOOD	
		<input type="checkbox"/> ASH	
		<input type="checkbox"/> SPECIAL OTHER	

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

GENERATOR COPY

MANIFEST # 442833

☐ **Reiner Canyon
Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain
Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island
Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward
Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR Equilon Enterprises, LLC		WASTE ACCEPTANCE NO. # 6187	
MAILING ADDRESS P.O. Box 7869		REQUIRED PERSONAL PROTECTIVE EQUIPMENT	
CITY, STATE, ZIP Burbank, CA 91510		<input type="checkbox"/> GLOVES <input type="checkbox"/> GOGGLES <input type="checkbox"/> RESPIRATOR <input type="checkbox"/> HARD HAT	
PHONE 707-856-0251		<input type="checkbox"/> TY-VEK <input type="checkbox"/> OTHER	
CONTACT PERSON Denis Brown		SPECIAL HANDLING PROCEDURES:	
SIGNATURE OF AUTHORIZED AGENT / TITLE * <i>Tim W. [Signature]</i>		RECEIVING FACILITY	
DATE			
<small>GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.</small>			
WASTE TYPE:			
<input type="checkbox"/> DISPOSAL <input type="checkbox"/> SLUDGE <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> WOOD <input type="checkbox"/> DEBRIS <input type="checkbox"/> OTHER <input type="checkbox"/> SPECIAL WASTE			
GENERATING FACILITY 318 Livermore Livermore, CA			
TRANSPORTER Manley & Sons Trucking, Inc.		NOTES:	
ADDRESS 8896 Elder Creek Rd.		VEHICLE LICENSE NUMBER 6766002	
CITY, STATE, ZIP Sacramento, CA 95828		TRUCK NUMBER 112	
PHONE (916) 381-6864		END DUMP <input type="checkbox"/> BOTTOM DUMP <input type="checkbox"/> TRANSFER <input checked="" type="checkbox"/>	
SIGNATURE OF AUTHORIZED AGENT OR DRIVER * <i>[Signature]</i>		ROLL-OFF(S) <input type="checkbox"/> FLAT-BED <input type="checkbox"/> VAN <input type="checkbox"/> DRUMS <input type="checkbox"/>	
DATE 3/13/06			
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		CUBIC YARDS 18 cy	
REMARKS		DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)	
FACILITY TICKET NUMBER		DISPOSE <input type="checkbox"/> OTHER <input type="checkbox"/>	
SIGNATURE OF AUTHORIZED AGENT * <i>[Signature]</i>		<input type="checkbox"/> SOIL	
DATE March 13, 2006		<input type="checkbox"/> CONSTRUCTION DEBRIS	
		<input type="checkbox"/> NON-FRIABLE ASBESTOS	
		<input type="checkbox"/> WOOD	
		<input type="checkbox"/> ASH	
		<input type="checkbox"/> SPECIAL OTHER	

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

GENERATOR COPY

MANIFEST # 442832