

R0344

STATE OF CALIFORNIA - THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

ARNOLD SCHWARZENEGGER, Governor

CENTRAL DISTRICT  
3251 S Street  
Sacramento, CA 95816  
(916) 227-7632  
(916) 227-7600(Fax)

NORTHERN DISTRICT  
2440 Main Street  
Red Bluff, CA 96080  
(530) 529-7300  
(530) 529-7322 (Fax)

SAN JOAQUIN DISTRICT  
3374 East Shields Avenue  
Fresno, CA 93726  
(559) 230-3300  
(559) 230-3301 (Fax)

SOUTHERN DISTRICT  
770 Fairmont Avenue  
Glendale, CA 91203  
(818) 543-4600  
(818) 543-4604 (Fax)

WELL COMPLETION REPORT RELEASE AGREEMENT-AGENCY  
(Government and Regulatory Agencies and their Authorized Agents)

Project/Contract No. Conoco Phillips S# 5760, Alameda County

376 Lewelling Blvd, San Lorenzo, CA 94580

Township, Range, and Section T35, R2W, sec 7, 1 mile Radius

(Must include entire study area and a map that shows the area of interest.)

Under California Water Code Section 13752, the agency named below requests permission from Department of Water Resources to inspect or copy, or for our authorized agent named below to inspect or copy, Well Completion Reports filed pursuant to Section 13751 to (check one):

Make a study, or,

Perform an environmental cleanup study associated with an unauthorized release of a contaminant within a distance of 2 miles.

In accordance with Section 13752, information obtained from these reports shall be kept confidential and shall not be disseminated, published, or made available for inspection by the public without written authorization from the owner(s) of the well(s). The information shall be used only for the purpose of conducting the study. Copies obtained shall be stamped **CONFIDENTIAL** and shall be kept in a restricted file accessible only to agency staff or the authorized agent.

Delta Environmental Consultants, Inc  
Authorized Agent

3164 Gold Camp Drive, Suite 200  
Address

Ranch Cordova, CA 95670  
City, State, and Zip Code

Signature [Signature]

Title Senior Project Manager

Telephone (916) 503-1260

Fax (916) 638-8385

Date 7-8-06

E-mail ddavis@deltagenv.com

Don Hwang  
Alameda County Health Agency  
Government or Regulatory Agency

1131 Harbor Bay Parkway, Suite 250  
Address

Alameda, CA 94502  
City, State, and Zip Code

Signature [Signature]

Title HAZARDOUS MATERIALS  
SPECIALIST

Telephone (510) 567-6741

Fax (510) 337-9335

Date 3/10/06

E-mail don.hwang@acsoh.org

6 June 2001

R [Redacted]

STATE OF CALIFORNIA - THE RESOURCES AGENCY

ARNOLD SCHWARZENEGGER, Governor

DEPARTMENT OF WATER RESOURCES

CENTRAL DISTRICT  
3251 S Street  
Sacramento, CA 95816  
(916) 227-7632  
(916) 227-7600(Fax)

NORTHERN DISTRICT  
2440 Main Street  
Red Bluff, CA 96080  
(530) 529-7300  
(530) 529-7322 (Fax)

SAN JOAQUIN DISTRICT  
3374 East Shields Avenue  
Fresno, CA 93726  
(559) 230-3300  
(559) 230-3301 (Fax)

SOUTHERN DISTRICT  
770 Fairmont Avenue  
Glendale, CA 91203  
(818) 543-4800  
(818) 543-4804 (Fax)

WELL COMPLETION REPORT RELEASE AGREEMENT--AGENCY

(Government and Regulatory Agencies and their Authorized Agents)

76 STATION #5560

Project/Contract No. \_\_\_\_\_ County ALAMEDA

Township, Range, and Section 376 Lewelling ACUP. SAN LORENZO CA 1 mile Radius

(Must include entire study area and a map that shows the area of interest.)

Under California Water Code Section 13752, the agency named below requests permission from Department of Water Resources to inspect or copy, or for our authorized agent named below to inspect or copy, Well Completion Reports filed pursuant to Section 13751 to (check one):

Make a study, or,

Perform an environmental cleanup study associated with an unauthorized release of a contaminant within a distance of 2 miles.

In accordance with Section 13752, information obtained from these reports shall be kept confidential and shall not be disseminated, published, or made available for inspection by the public without written authorization from the owner(s) of the well(s). The information shall be used only for the purpose of conducting the study. Copies obtained shall be stamped **CONFIDENTIAL** and shall be kept in a restricted file accessible only to agency staff or the authorized agent.

Delta Environmental Consultants

Authorized Agent

3164 Gold CAMP DRIVE #200

Address

Rancho Cordova, CA 95670

City, State, and Zip Code

Signature [Signature]

Title Project Manager

Telephone (916) 503-1275

Fax (916) 638-8385

Date 6/9/05

E-mail jwagner@deltaenv.com

ALAMEDA County Health Agency

Government or Regulatory Agency

1131 Harbor Bay Parkway #250

Address

Alameda CA 94502

City, State, and Zip Code

Signature [Signature]

Title HAR MAT SPEC.

Telephone (510) 567-6746

Fax (510) 337-9335

Date 6/10/05

E-mail don.hwang@acgov.org

6 June 2001



76 Broadway  
Sacramento, CA 95818  
phone 916.558.7676  
fax 916.558.7639

November 11, 2003

Ms. Eva Chu  
Alameda County Health Care Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Subject: Change of Environmental Consultant

Dear Ms Chu:

ConocoPhillips has recently completed the process of selecting a group of environmental consultants to perform future work for the company on a national basis. I am writing to notify you that we have reassigned the following petroleum hydrocarbon release cases that I manage in Alameda County to Delta Environmental Consultants, Inc. (Delta). Steve Meeks will be the project manager for Delta. Steve's office address is 3164 Gold Camp Drive, Suite 200, Rancho Cordova, California 95670. Please correspond with Steve regarding the following projects:

1. 76 Station No. 5760 @ 376 Lewelling Boulevard San Lorenzo, CA *ro-344*

Thank you for your cooperation during this transition period. If you have any questions, please contact me at (916) 558-7666. Also, Steven Meeks can be reached at (916) 536-2613.

Sincerely,

David B. DeWitt  
Site Manager  
Risk Management & Remediation

Cc: Steven Meeks, Delta Environmental Consultants, Inc.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

**STID 1746**

November 5, 2001

Mr. David DeWitt  
Tosco Marketing Company  
2000 Crow Canyon Road Suite 400  
San Ramon, CA 94583

**RE: Tosco (UNOCAL), 376 Lewelling Blvd., San Lorenzo, CA**

Dear Mr. DeWitt:

I am in receipt of "Groundwater Monitoring & Sampling Report, Second Semi-Annual Event of September 4, 2001" dated October 15, 2001, submitted by Deanna L. Harding of Gettler-Ryan Inc., concerning the above referenced site.

According to this report, the U-1 well, the most contaminated well, indicated 11,000ppb, 25ppb, and 370ppb of TPH (G), Benzene, and MTBE. This reflects an increase in the concentrations of TPH(G) and benzene but a reduction in the concentration of MTBE.

U-3 well, on the other hand, revealed 340ppb, 0.95ppb, and <5.0 of TPH(G), Benzene, and MTBE. This reflects a decrease in the concentrations of TPH(G) and a slight increase in the concentrations of benzene.

There were other wells, which revealed the concentrations of constituents to be at low or non-detect levels.

Groundwater is moving toward southwest at 0.003 to 0.02 ft/ft per Figure 1 within this report.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Amir K. Gholami'.

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



STID 1746

September 18, 2001

Mr. David DeWitt  
Tosco Marketing Company  
2000 Crow Canyon Road Suite 400  
San Ramon, CA 94583

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

**RE: Tosco (UNOCAL), 376 Lewelling Blvd., San Lorenzo, CA**

Dear Mr. DeWitt:

This office is in receipt of "First Semi-Annual Event of March 16, 2001, Groundwater Monitoring & Sampling Report" dated April 19, 2001, regarding the above referenced site, submitted by Deanna L. Harding of Gettler-Ryan Inc.

Per this report, the U-1 well, the well with the highest concentrations of the pollutant, revealed MTBE concentration of 613ppb while TPHg and Benzene were detected at 4,950ppb and 1.73ppb respectively. This indicates significant increase in concentrations of most of the constituents including MTBE since the last analysis.

The analysis on other wells revealed the concentrations of constituents to be at low or non-detect levels.

Figure 1 within this report indicates that groundwater is moving toward southwest at 0.003 to 0.01 ft/ft.

You may exclude the wells, which have shown to be ND historically, from groundwater monitoring and analysis.

Please be advised that, Amy Leech, my former colleague, is no longer working at this office. Therefor all report should be forwarded to my attention.

If you have any questions and or concerns, please do not hesitate to call me at (510) 567-6876.

Sincerely,

A handwritten signature in black ink, appearing to read 'Amir K. Gholami'.

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

Stid 1746

November 30, 2000

Mr. David DeWitt  
Tosco Marketing Company  
2000 Crow Canyon Road Suite 400  
San Ramon, CA 94583

**RE: Tosco (UNOCAL), 376 Lewelling Blvd., San Lorenzo, CA**

Dear Mr. DeWitt:

I am in receipt of "Groundwater Monitoring & Sampling Report, Second Semi-Annual 2000" dated November 13, 2000, regarding the above referenced site, submitted by Deanna L. Harding of Gettler-Ryan Inc. I have reviewed this document. Per this report, the U-1 well revealed MTBE concentration of 29ppb. TPHg, Benzene, Ethylebenzene, and Xylene were not analyzed.

Other wells revealed that other constituents concentrations to be low or non-detect levels. Groundwater is toward southwesterly direction.

All wells, which have shown to be ND historically in the several past analysis may not need to be analyzed further at this time.

Additionally, Amy Leech, formerly my colleague, is no longer working at this office, please forward your report to my attention.

Should you have any questions and or concerns, please do not hesitate to call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court  
Suite J, Dublin, CA 94568  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

Stid 1746

November 9, 2000

Mr. David DeWitt  
Tosco Marketing Company  
2000 Crow Canyon Road Suite 400  
San Ramon, CA 94583

**RE: Tosco (UNOCAL), 376 Lewelling Blvd., San Lorenzo, CA**

Dear Mr. DeWitt:

This office is in receipt of a "Proposal to Reduce Sampling Frequency" document dated November 1, 2000 by Timothy L. Ripp of the It Corporation regarding the above referenced site. I have reviewed this document. Mr. Ripp is requesting reduction of sampling frequency based on the fact that some of the wells at the above referenced site have shown to be ND historically in the several past analyses.

I mostly concur with Mr. Ripp as indicated in this report. However, I believe U-1 and U-3 wells should stay on the present schedule since there are still significant amount of petroleum hydrocarbon revealed in these wells.

Furthermore U-6 and U-7 wells are to stay on a semi-annual sampling and monitoring due to the fact that these wells are located down gradient of the former underground tank storage area, and that MTBE travels faster than the rest of the plume. The lack of sampling and analysis in these wells at crucial instances may not reveal the actual picture of the presence of this important constituent in this area.

Additionally, please inform this office regarding your new consultant and whether Deanna L. Harding, Gettler-Ryan Inc. is still working on this case.

Should you have any questions and or concerns, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568  
Timothy L. Ripp, the It Corporation, 1921 Ringwood Ave., San Jose, CA 95131-1721  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

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

Stid 1746

October 3, 2000

Mr. David DeWitt  
Tosco Marketing Company  
2000 Crow Canyon Road Suite 400  
San Ramon, CA 94583

**RE: Tosco (UNOCAL), 376 Lewelling Blvd., San Lorenzo, CA**

Dear Mr. DeWitt:

Thank you for the submittal of "Groundwater Monitoring & Sampling Report, semi-annual 2000" dated May 3, 2000, regarding the above referenced site, submitted by Deanna L. Harding of Gettler-Ryan Inc. I have reviewed this document. Per this report, the U-1 well revealed the following concentrations: TPHg at 4,820ppb, Benzene at 17.4ppb, Ethylebenzene at 297ppb, Xylene at 1,370ppb, and MTBE at ND level.

All other constituents concentrations were found at low or non-detect levels. Groundwater seems to be in southwesterly direction.

Some of the wells samples analyzed for their constituent's concentrations. However, this analysis is not necessary on all the wells. This includes all wells, which have shown to be ND historically in the several past analysis.

If you have any questions and or concerns, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court  
Suite J, Dublin, CA 94568

Files





**DAMES & MOORE**

A DAMES & MOORE GROUP COMPANY

6 Hutton Centre Drive Suite 700  
Santa Ana, California 92707  
(714) 433-2000

2  
8

7/10/02

**TRANSMITTAL SHEET**

To: Amir K. Gholami, REHS  
Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Environmental Health Services  
Environmental Protection  
1131 Harbor Bay Parkway  
Alameda, California 94502-6577

Date: February 24, 2000  
D&M Proj #: 00188-248-5150-128  
Project: Former Sears Retail Center #1058  
2633 Telegraph Ave.  
Oakland, California

We are sending you:

- Copies
- Calculations
- Under Separate Cover
- Originals
- Shop Drawings
- Draft Report

Transmitted by:

- OCB
- Regular Mail
- Federal Express
- Pick-up
- CR
- Express Mail
- UPS
- 

| No. Sets | Description  |
|----------|--|
| 1        | Work Plan for Site Assessment and Groundwater Monitoring |

- As requested
- For your use
- For your review & comment
- Return

Copies to:

Mr. Scott DeMuth, Sears, Roebuck and Co.  
Mr. Tim Lester, Environmental Equalizers  
Mr. Ryan Seelback, Dames & Moore, San Francisco, CA  
Mr. David Trainor, Dames & Moore, Madison, WI

Signed:  
DAMES & MOORE

Taras B. Kruk, R.G., C.H.G.  
Senior Geologist

ENVIRONMENTAL PROTECTION  
00 FEB 25 AM 9:30

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9432

Stid 1746

November 17, 1999

Mr. David DeWitt  
Tosco Marketing Company  
2000 Crow Canyon Road Suite 400  
San Ramon, CA 94583

**RE: Tosco (UNOCAL), 376 Lewelling Blvd., San Lorenzo, CA**

Dear Mr. DeWitt:

Thank you for the submittal of "Semi-Annual 1999 Groundwater Monitoring & Sampling Report" dated October 18<sup>th</sup>, 1999, regarding the above referenced site, submitted by Deanna L. Harding of Gettler-Ryan Inc. I have reviewed this document. Per this report, the U-1 well revealed the following concentrations: TPHg at 5,850ppb, Benzene at 32.7ppb, Ethylebenzene at 520ppb, Xylene at 925ppb, and MTBE at ND level.

The concentrations of all other constituents were found at low or non-detect levels. However, please ensure that proper detection levels are performed during the laboratory analysis for all constituents. For instance, the reporting limit was set at 250ppb for MTBE. The correct detection limit for MTBE is at about 5ppb.

Additionally, some other wells were not analyzed for their constituent's concentrations. However, this is not necessary on all the wells. I believe we have discussed this issue previously.

I look forward for the next groundwater monitoring and sampling report.

Should you have any questions and or concerns, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court  
Suite J, Dublin, CA 94568

Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9432

Stid 1746

November 9, 1999

Mr. David DeWitt  
Tosco Marketing Company  
2000 Crow Canyon Road Suite 400  
San Ramon, CA 94583

**RE: Tosco (UNOCAL), 376 Lewelling Blvd., San Lorenzo, CA**

Dear Mr. DeWitt:

This office is in receipt of the first two pages of the "Quarterly Report Third Quarter" dated October 19<sup>th</sup>, 1999, regarding the above referenced site, submitted by Timothy L. Ripp of It Corporation. Please submit the complete report for review by November 23<sup>rd</sup>, 1999. Please disregard this request if this report was meant to represent "QSR" document and submit the complete Quarterly Report per set schedule.

Additionally, please inform me as to whether Gettler-Ryan is your still representing this site.

Per our discussion the monitoring and sampling on this case is handled by Gettler-Ryan and the remaining issues are handled by It Corporation.

Please call me at (510) 567-6876, if you have any questions

Sincerely,

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court  
Suite J, Dublin, CA 94568  
Timothy L. Ripp, Pacific Environmental Group, Inc., 1921 Ringwood Ave., San Jose, CA  
95131-1721  
Files

99 NOV 23 PM 2:59

ENVIRONMENTAL  
PROTECTION

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

Stid 1746

November 3, 1999

Mr. Ron Bock  
C/O Union Oil Company  
P.O. Box 7600  
Los Angeles, CA 90051

**RE: Tosco (UNOCAL), 376 Lewelling Blvd., San Lorenzo, CA**

Dear Mr. Bock:

I have received only the first two pages of the "Quarterly Report Third Quarter" dated October 19<sup>th</sup>, 1999, regarding the above referenced site, submitted by Timothy L. Ripp of Pacific Environmental Group, Inc. Please submit the complete report for review by November 17<sup>th</sup>, 1999.

Additionally, please inform me as to whether Gettler-Ryan is your still representing this site.

Should you have any questions, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court  
Suite J, Dublin, CA 94568

Timothy L. Ripp, Pacific Environmental Group, Inc., 1921 Ringwood Ave., San Jose, CA  
95131-1721

Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

Stid 1746

September 13, 1999

Mr. Ron Bock  
C/O Union Oil Company  
P.O. Box 7600  
Los Angeles, CA 90051

RE: Tosco (UNOCAL), 376 Lewelling Blvd., San Lorenzo, CA

Dear Mr. Bock:

I have received and reviewed the "Semi-Annual 1999 Groundwater Monitoring & Sampling Report" dated April 13<sup>th</sup>, 1999, regarding the above referenced site, submitted by Deanna L. Harding of Gettler-Ryan Inc. Thank you for the submittal of the report. As you are aware, the concentrations of all the plume constituents were found at low or non-detect levels with some exceptions at U-1 well with TPHg at 1500ppb, Benzene at 19ppb, Ethylebenzene at 56ppb, Xylene at 110ppb, and MTBE at 310ppb.

In addition to the contaminants observed in U-1 well, the U-5 well indicated 0.67ppb of Toluene, U-6 well revealed 6.5ppb of MTBE while U-7 well indicated 6.6ppb of MTBE. All other wells indicated non-detect levels for all the constituents.

At this point you may want to concentrate on U-1 well sampling since the concentrations of the contaminants have reduced in other wells.

Please call me at (510) 567-6876, if you have any questions and or concerns.

Sincerely,

Amir K. Gholami, REHS  
Hazardous Materials Specialist

C: Deanna L. Harding, Gettler-Ryan Inc., 6747 Sierra Court  
Suite J, Dublin, CA 94568

Files

1746

MAR 02 1999

Appendix A R 3/99

California Hazardous Materials Inventory Reporting Form - Business & Owner/Operator Identification Page

Calendar Year Beginning: (1) 1/1/99 Ending: (2) 12/31/99 (3) Page 1 of 9

Business Name: (4) San Lorenzo 76 #5760 Business Phone:(5) 510-481-9260

Site Address: (6) 376 Lewelling Boulevard

City: (7) San Lorenzo State:(8) CA Zip:(9) 94580

Dun & Bradstreet (10) 04-468-3969 SIC Code (4 Digit#):(11) 5541

Operator Name: (12) Gills Auto Tech, Inc. Operator Phone: (13) 510-481-9260

Owner Information

Owner Name: (14) Gills Auto Tech, Inc. Owner Phone: (15) 510-481-9260

Owner Mailing Address: (16) 376 Lewelling Boulevard

City: (17) San Lorenzo State: (18) CA Zip: (19) 94580

Environmental Contact

Contact Name (20) Tosco Marketing Company 76 Contact Phone (21) (602) 728-4180

Mailing Address (22) P.O. Box 52085

City (23) Phoenix State (24) AZ Zip (25) 85072-2085

Emergency Contacts

| Primary Contact:     |              | Secondary Contact:   |              |
|----------------------|--------------|----------------------|--------------|
| Name: (26)           | Manjit Gill  | Name: (31)           | Gurgit Gill  |
| Title: (27)          | President    | Title: (32)          | Manager      |
| Business Phone: (28) | 510-481-9260 | Business Phone: (33) | 510-481-9260 |
| 24-hour Phone: (29)  | 510-489-1347 | 24-hour Phone: (34)  | 510-489-1347 |
| Pager No.: (30)      | 510-607-2077 | Pager No.: (35)      | 510-607-2077 |

California Accidental Release Prevention Program (CalARP)

On-Site Regulated Substance? (36)  Yes  No

If yes, and above Threshold Planning Quantities, register your CalARP Substance with the Fire Dept. Registration form requires a description of process and principal equipment.

Additional Locally Collected Information

Check applicable box (one only) and enter Business Fax Number in space provided: (37)

This Appendix A is accompanied by one or more new or modified Appendix C(s).

This Appendix A is the annual submittal and no Appendix C(s) are attached. The inventory remains the same as last year and any other changes are contained in this Appendix A.

Business FAX Number is: (510) 481-9263

Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this inventory and believe the information is true, accurate, and complete.

Print Name of Document Preparer: (38) (If not the owner) RHL Design Group, Inc - Environmental Dept.

Signature of Owner/Operator: (39) *[Signature]* Date:(40) 2/11/99

# Appendix C California Hazardous Material Inventory Reporting Form- Chemical Description Page

Add     Delete     Revise

Page (2)

Of (3)

2

9

Business Name: (4) Tosco Corp. Station #  
255760 -

Chemical Location: (5) SOUTH SIDE OF SITE

Map Number: (6) 1      Grid Number: (7) G7

Chemical Name: (8) PETROLEUM HYDROCARBON      Trade Secret? (11)  Y  N

Common Name: (9) ~~REGULAR UNLEADED~~      CalARP Listed? (12)  Y  N

CAS Number: (10) 8006-61-9      If "Y" for CalARP Listing, all amounts must be in "pounds."

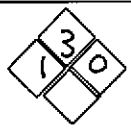
Uniform Fire Code Hazard Classes (Check all boxes that apply to this chemical and write in the appropriate Class.) (13)

|  |   |  |
|--|---|--|
| <b>Physical Characteristics</b><br><input type="checkbox"/> Explosives/Blasting Agents<br><input checked="" type="checkbox"/> Class <u>1B</u> Flammable Liquid<br><input type="checkbox"/> Class ___ Combustible Liquid<br><input type="checkbox"/> Class ___ Oxidizer<br><input type="checkbox"/> Flammable Gas<br><input type="checkbox"/> Non-Flammable Gas | <input type="checkbox"/> Flammable Solid<br><input type="checkbox"/> Class ___ Water Reactive<br><input type="checkbox"/> Class ___ Unstable Reactive<br><input type="checkbox"/> Class ___ Organic Peroxide<br><input type="checkbox"/> Class ___ Pyrophoric | <b>Health Characteristics</b><br><input checked="" type="checkbox"/> Toxic<br><input type="checkbox"/> Highly Toxic<br><input type="checkbox"/> Corrosive<br><input checked="" type="checkbox"/> Irritant<br><input type="checkbox"/> Sensitizer<br><input checked="" type="checkbox"/> Carcinogen<br><input type="checkbox"/> Radioactive<br><input type="checkbox"/> Other Health Hazard |
|--|---|--|

Type of Material (14)  Pure  Mixture  Waste      Radioactive? (15)  Y  N

Physical State (17)  Solid  Liquid  Gas      Curies (16) \_\_\_\_\_ Curies

Federal Hazard Categories (18)  Fire  Reactive  Pressure Release  Acute Health  Chronic Health

NFPA 704 Ratings (16A) 

State Waste Code (19) \_\_\_\_\_      Unit (22)  Gallons  Cubic Feet

Days on Site (20) 365       Pounds  Tons

Largest Container (21) 12000      If CalARP Listed, amounts must be in pounds.

Max. Daily Amt. (23) \_\_\_\_\_

Ave. Daily Amt. (24) 5000

Annual Waste Amt. (25) 0

Storage Container (26)

|   |                                     |   |   |
|---|-------------------------------------|---|---|
| <input type="checkbox"/> Above Ground Tank            | <input type="checkbox"/> Can        | <input type="checkbox"/> Box            | <input type="checkbox"/> Tank Wagon     |
| <input checked="" type="checkbox"/> Under Ground Tank | <input type="checkbox"/> Carboy     | <input type="checkbox"/> Cylinder       | <input type="checkbox"/> Rail Car       |
| <input type="checkbox"/> Tank Inside Building         | <input type="checkbox"/> Silo       | <input type="checkbox"/> Glass Bottle   | <input type="checkbox"/> Other... _____ |
| <input type="checkbox"/> Steel Drum                   | <input type="checkbox"/> Fiber Drum | <input type="checkbox"/> Plastic Bottle | <input type="checkbox"/> _____          |
| <input type="checkbox"/> Plastic/Nonmetallic Drum     | <input type="checkbox"/> Bag        | <input type="checkbox"/> Tote Bin       |   |

Storage Pressure (27)  Ambient     Above Ambient     Below Ambient

Storage Temperature (28)  Ambient     Above Ambient     Below Ambient     Cryogenic

| (29) % Weight | (30) Hazardous Components | (31) CalARP Listed?  | (32) C A S No. |
|---------------|---------------------------|--|----------------|
| 1. 15%        | METHYL TERT BUTYL ETHER   | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 1634-04-4      |
| 2. 15%        | TOLUENE                   | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 108-88-3       |
| 3. 21%        | XYLENE                    | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 1330-20-7      |
| 4. 5%         | BENZENE                   | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 71-43-2        |

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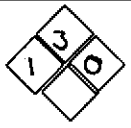
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Business Name: (4) Tosco Corp. Station #  
 255760 -  
 Chemical Location: (5) SOUTH SIDE OF SATE  
 Map Number: (6) 1 Grid Number: (7) G7

Chemical Name: (8) PETROLEUM HYDROCARBON Trade Secret? (11)  Y  N  
 Common Name: (9) PREMIUM UNLEADED CalARP Listed? (12)  Y  N  
 CAS Number: (10) 8006-61-9  
 If "Y" for CalARP Listing, all amounts must be in "pounds."  
 Uniform Fire Code Hazard Classes (13) (Check all boxes that apply to this chemical and write in the appropriate Class.)  
**Physical Characteristics**  
 Explosives/Blasting Agents  Flammable Solid  
 Class 1 Flammable Liquid  Class \_\_\_ Water Reactive  
 Class \_\_\_ Combustible Liquid  Class \_\_\_ Unstable Reactive  
 Class \_\_\_ Oxidizer  Class \_\_\_ Organic Peroxide  
 Flammable Gas  Class \_\_\_ Pyrophoric  
 Non-Flammable Gas  
**Health Characteristics**  
 Toxic  Sensitizer  
 Highly Toxic  Carcinogen  
 Corrosive  Radioactive  
 Irritant  
 Other Health Hazard

Type of Material (14)  Pure  Mixture  Waste  
 Radioactive? (15)  Y  N  
 NFPA 704 Ratings (16A)   
 Physical State (17)  Solid  Liquid  Gas  
 Curies (16) \_\_\_\_\_ Curies

Federal Hazard Categories (18)  Fire  Reactive  Pressure Release  Acute Health  Chronic Health

State Waste Code (19) \_\_\_\_\_ Unit (22)  Gallons  Cubic Feet  
 Days on Site (20) 365  Pounds  Tons  
 Largest Container (21) 12000 If CalARP Listed, amounts must be in pounds.  
 Ave. Daily Amt. (24) 4000  
 Annual Waste Amt. (25) 0

Storage Container (26)  Above Ground Tank  Can  Box  Tank Wagon  
 Under Ground Tank  Carboy  Cylinder  Rail Car  
 Tank Inside Building  Silo  Glass Bottle  Other...  
 Steel Drum  Fiber Drum  Plastic Bottle  
 Plastic/Nonmetallic Drum  Bag  Tote Bin

Storage Pressure (27)  Ambient  Above Ambient  Below Ambient

Storage Temperature (28)  Ambient  Above Ambient  Below Ambient  Cryogenic

| (29) % Weight | (30) Hazardous Components | (31) CalARP Listed?  | (32) C A S No. |
|---------------|---------------------------|--|----------------|
| 1. 10%        | METHYL TERT BUTYL ETHER   | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 1634-04-4      |
| 2. 9%         | TOLUENE                   | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 108-88-3       |
| 3. 14%        | XYLENE                    | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 1330-20-7      |
| 4. 5%         | 1,2,4-TRIMETHYL BENZENE   | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 95-63-6        |



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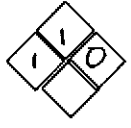
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Business Name: (4) Tosco Corp. Station #  
 255760 -  
 Chemical Location: (5) SERVICE BAYS  
 Map Number: (6) 1 Grid Number: (7) G6

Chemical Name: (8) PETROLEUM HYDROCARBON Trade Secret? (11)  Y  N  
 Common Name: (9) MOTOR OIL CalARP Listed? (12)  Y  N  
 CAS Number: (10) 64742-65-0  
 If "Y" for CalARP Listing, all amounts must be in "pounds."

Uniform Fire Code Hazard Classes (13) (Check all boxes that apply to this chemical and write in the appropriate Class.)

| Physical Characteristics  |  | Health Characteristics                       |                                      |
|---|--|--|--------------------------------------|
| <input type="checkbox"/> Explosives/Blasting Agents                     | <input type="checkbox"/> Flammable Solid             | <input type="checkbox"/> Toxic               | <input type="checkbox"/> Sensitizer  |
| <input type="checkbox"/> Class ___ Flammable Liquid                     | <input type="checkbox"/> Class ___ Water Reactive    | <input type="checkbox"/> Highly Toxic        | <input type="checkbox"/> Carcinogen  |
| <input checked="" type="checkbox"/> Class <u>118</u> Combustible Liquid | <input type="checkbox"/> Class ___ Unstable Reactive | <input type="checkbox"/> Corrosive           | <input type="checkbox"/> Radioactive |
| <input type="checkbox"/> Class ___ Oxidizer                             | <input type="checkbox"/> Class ___ Organic Peroxide  | <input checked="" type="checkbox"/> Irritant |                                      |
| <input type="checkbox"/> Flammable Gas                                  | <input type="checkbox"/> Class ___ Pyrophoric        | <input type="checkbox"/> Other Health Hazard |                                      |
| <input type="checkbox"/> Non-Flammable Gas                              |  |  |                                      |

Type of Material (14)  Pure  Mixture  Waste Radioactive? (15)  Y  N  
 Physical State (17)  Solid  Liquid  Gas Curies (16) \_\_\_\_\_ Curies  
 NFPA 704 Ratings (16A) 

Federal Hazard Categories (18)  Fire  Reactive  Pressure Release  Acute Health  Chronic

State Waste Code (19) \_\_\_\_\_ Unit (22)  Gallons  Cubic Feet Max. Daily Amt. (23) 250  
 Days on Site (20) 365  Pounds  Tons Ave. Daily Amt. (24) 180  
 Largest Container (21) QUART If CalARP Listed, amounts must be in pounds. Annual Waste Amt. (25) 0

Storage Container (26)  Above Ground Tank  Can  Box  Tank Wagon  
 Under Ground Tank  Carboy  Cylinder  Rail Car  
 Tank Inside Building  Silo  Glass Bottle  Other...  
 Steel Drum  Fiber Drum  Plastic Bottle   
 Plastic/Nonmetallic Drum  Bag  Tote Bin

Storage Pressure (27)  Ambient  Above Ambient  Below Ambient

Storage Temperature (28)  Ambient  Above Ambient  Below Ambient  Cryogenic

| (29) % Weight | (30) Hazardous Components      | (31) CalARP Listed?  | (32) C A S No. |
|---------------|--------------------------------|--|----------------|
| 1. 85%        | SOLVENT DEWAXD DIST HV PARAFFN | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 64742-65-0     |
| 2. 85%        | HYDROTREATED DIST. HV PARAFFIN | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 64742-54-7     |
| 3. 28%        | ADDITIVES                      | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | PROPRIETARY    |
| 4. 15%        | SOLV. DEWAX DIST. LI PARAFFIN  | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 64742-56-9     |

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Business Name: (4) Tosco Corp. Station #  
 255760 -  
 Chemical Location: (5) EAST LOT  
 Map Number: (6) 1 Grid Number: (7) 15

Chemical Name: (8) PETROLEUM HYDROCARBON Trade Secret? (11)  Y  N  
 Common Name: (9) PROPANE CalARP Listed? (12)  Y  N  
 CAS Number: (10) 74-98-6 If "Y" for CalARP Listing, all amounts must be in "pounds."  
 Uniform Fire Code Hazard Classes (13) *(Check all boxes that apply to this chemical and write in the appropriate Class.)*  
**Physical Characteristics**  
 Explosives/Blasting Agents  Flammable Solid  
 Class 1A Flammable Liquid  Class \_\_\_ Water Reactive  
 Class \_\_\_ Combustible Liquid  Class \_\_\_ Unstable Reactive  
 Class \_\_\_ Oxidizer  Class \_\_\_ Organic Peroxide  
 Flammable Gas  Class \_\_\_ Pyrophoric  
 Non-Flammable Gas  
**Health Characteristics**  
 Toxic  Sensitizer  
 Highly Toxic  Carcinogen  
 Corrosive  Radioactive  
 Irritant  Other Health Hazard

Type of Material (14)  Pure  Mixture  Waste Radioactive? (15)  Y  N NFPA 704 Ratings (16A)   
 Physical State (17)  Solid  Liquid  Gas Curies (16) \_\_\_\_\_ Curies

Federal Hazard Categories (18)  Fire  Reactive  Pressure Release  Acute Health  Chronic Health

State Waste Code (19) \_\_\_\_\_ Unit (22)  Gallons  Cubic Feet  
 Days on Site (20) 365  Pounds  Tons  
 Largest Container (21) 500 If CalARP Listed, amounts must be in pounds. Max. Daily Amt. (23) 500  
 Ave. Daily Amt. (24) 200  
 Annual Waste Amt. (25) 0

Storage Container (26)  Above Ground Tank  Can  Box  Tank Wagon  
 Under Ground Tank  Carboy  Cylinder  Rail Car  
 Tank Inside Building  Silo  Glass Bottle  Other...  
 Steel Drum  Fiber Drum  Plastic Bottle  
 Plastic/Nonmetallic Drum  Bag  Tote Bin

Storage Pressure (27)  Ambient  Above Ambient  Below Ambient

Storage Temperature (28)  Ambient  Above Ambient  Below Ambient  Cryogenic

| (29) % Weight | (30) Hazardous Components | (31) CalARP Listed?  | (32) C A S No. |
|---------------|---------------------------|--|----------------|
| 1.            | PROPANE                   | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 74-98-6        |
| 2.            | ETHANE                    | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 74-84-0        |
| 3.            | BUTANE                    | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 106-97-8       |
| 4.            |                           | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |                |

# Appendix C California Hazardous Material Inventory Reporting Form- Chemical Description Page

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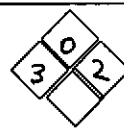
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|                    |     |                                   |                  |    |
|--------------------|-----|-----------------------------------|------------------|----|
| Business Name:     | (4) | Tosco Corp. Station #<br>255760 - |                  |    |
| Chemical Location: | (5) | BUSINESS OFFICE                   |                  |    |
| Map Number:        | (6) | 1                                 | Grid Number: (7) | E6 |

|                |      |                     |   |                            |                                       |
|----------------|------|---------------------|---|----------------------------|---------------------------------------|
| Chemical Name: | (8)  | LEAD ACID BATTERIES | Trade Secret? (11)  | <input type="checkbox"/> Y | <input checked="" type="checkbox"/> N |
| Common Name:   | (9)  | BATTERIES           | CalARP Listed? (12)   | <input type="checkbox"/> Y | <input checked="" type="checkbox"/> N |
| CAS Number:    | (10) | 7664-93-9           | If "Y" for CalARP Listing, all amounts must be in "pounds." |                            |                                       |

|  |      |   |   |   |   |   |   |                                       |                                     |   |  |   |
|--|------|---|---|---|---|---|---|---------------------------------------|-------------------------------------|---|--|---|
| Uniform Fire Code Hazard Classes<br><i>(Check all boxes that apply to this chemical and write in the appropriate Class.)</i> | (13) | <b>Physical Characteristics</b>                             |   |   |   | <b>Health Characteristics</b>                       |   |                                       |                                     |   |  |   |
|  |      | <input type="checkbox"/> Explosives/Blasting Agents         | <input type="checkbox"/> Flammable Solid            | <input checked="" type="checkbox"/> Toxic | <input type="checkbox"/> Sensitizer                     | <input type="checkbox"/> Class ___ Flammable Liquid | <input type="checkbox"/> Class ___ Water Reactive | <input type="checkbox"/> Highly Toxic | <input type="checkbox"/> Carcinogen | <input type="checkbox"/> Class ___ Combustible Liquid | <input type="checkbox"/> Class ___ Unstable Reactive | <input checked="" type="checkbox"/> Corrosive |
|  |      | <input checked="" type="checkbox"/> Class <u>B</u> Oxidizer | <input type="checkbox"/> Class ___ Organic Peroxide | <input type="checkbox"/> Irritant         | <input checked="" type="checkbox"/> Other Health Hazard | <input type="checkbox"/> Flammable Gas              | <input type="checkbox"/> Class ___ Pyrophoric     |                                       |                                     |   |  |   |
|  |      | <input type="checkbox"/> Non-Flammable Gas                  |   |   |   |   |   |                                       |                                     |   |  |   |

|                       |                                |   |                                |                   |                            |                                       |                        |  |
|-----------------------|--------------------------------|---|--------------------------------|-------------------|----------------------------|---------------------------------------|------------------------|--|
| Type of Material (14) | <input type="checkbox"/> Pure  | <input checked="" type="checkbox"/> Mixture | <input type="checkbox"/> Waste | Radioactive? (15) | <input type="checkbox"/> Y | <input checked="" type="checkbox"/> N | NFPA 704 Ratings (16A) |  |
| Physical State (17)   | <input type="checkbox"/> Solid | <input checked="" type="checkbox"/> Liquid  | <input type="checkbox"/> Gas   | Curies (16)       | _____ Curies               |                                       |                        |  |

Federal Hazard Categories (18):

Fire     Reactive     Pressure Release     Acute Health     Chronic Health

|                        |      |  |   |                                     |                        |               |
|------------------------|------|--|---|-------------------------------------|------------------------|---------------|
| State Waste Code (19)  |      | Unit (22)  | <input checked="" type="checkbox"/> Gallons | <input type="checkbox"/> Cubic Feet | Max. Daily Amt. (23)   | <del>20</del> |
| Days on Site (20)      | 365  |  | <input type="checkbox"/> Pounds             | <input type="checkbox"/> Tons       | Ave. Daily Amt. (24)   | <del>10</del> |
| Largest Container (21) | BATT | If CalARP Listed, amounts must be in <u>pounds</u> . |   |                                     | Annual Waste Amt. (25) | 0             |

Storage Container (26):

|   |                                     |   |   |
|---|-------------------------------------|---|---|
| <input type="checkbox"/> Above Ground Tank        | <input type="checkbox"/> Can        | <input type="checkbox"/> Box            | <input type="checkbox"/> Tank Wagon                         |
| <input type="checkbox"/> Under Ground Tank        | <input type="checkbox"/> Carboy     | <input type="checkbox"/> Cylinder       | <input type="checkbox"/> Rail Car                           |
| <input type="checkbox"/> Tank Inside Building     | <input type="checkbox"/> Silo       | <input type="checkbox"/> Glass Bottle   | <input checked="" type="checkbox"/> Other... <u>BATTERY</u> |
| <input type="checkbox"/> Steel Drum               | <input type="checkbox"/> Fiber Drum | <input type="checkbox"/> Plastic Bottle |   |
| <input type="checkbox"/> Plastic/Nonmetallic Drum | <input type="checkbox"/> Bag        | <input type="checkbox"/> Tote Bin       |   |

Storage Pressure (27):

Ambient     Above Ambient     Below Ambient

Storage Temperature (28):

Ambient     Above Ambient     Below Ambient     Cryogenic

| (29) % Weight | (30) Hazardous Components | (31) CalARP Listed?  | (32) C A S No. |
|---------------|---------------------------|--|----------------|
| 1. 34%        | SULFURIC ACID (35%)       | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 7664-93-9      |
| 2. 34%        | LEAD                      | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 7439-92-1      |
| 3. 31%        | LEAD DIOXIDE              | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 1309-60-0      |
| 4. 1%         | LEAD SULFATE              | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 7446-14-2      |

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Tosco Corp. Station #  
 Business Name: (4) 255760 -  
 Chemical Location: (5) SOUTH SIDE OF SITE  
 Map Number: (6) 1 Grid Number: (7) F7

Chemical Name: (8) PETROLEUM HYDROCARBON Trade Secret? (11)  Y  N  
 Common Name: (9) [REDACTED] FOR OIL CalARP Listed? (12)  Y  N  
 CAS Number: (10) 8002-05-9 If "Y" for CalARP Listing, all amounts must be in "pounds."  
 Uniform Fire Code Hazard Classes (13) (Check all boxes that apply to this chemical and write in the appropriate Class.)  
**Physical Characteristics**  
 Explosives/Blasting Agents  Flammable Solid  
 Class \_\_\_ Flammable Liquid  Class \_\_\_ Water Reactive  
 Class III Combustible Liquid  Class \_\_\_ Unstable Reactive  
 Class \_\_\_ Oxidizer  Class \_\_\_ Organic Peroxide  
 Flammable Gas  Class \_\_\_ Pyrophoric  
 Non-Flammable Gas  
**Health Characteristics**  
 Toxic  Sensitizer  
 Highly Toxic  Carcinogen  
 Corrosive  Radioactive  
 Irritant  
 Other Health Hazard

Type of Material (14)  Pure  Mixture  Waste Radioactive? (15)  Y  N  
 Physical State (17)  Solid  Liquid  Gas Curies (16) \_\_\_\_\_ Curies  
 NFPA 704 Ratings (16A) 

Federal Hazard Categories (18)  Fire  Reactive  Pressure Release  Acute Health  Chronic Health

State Waste Code (19) [REDACTED] Unit (22)  Gallons  Cubic Feet  
 Days on Site (20) 365  Pounds  Tons  
 Largest Container (21) 520 If CalARP Listed, amounts must be in pounds. Ave. Daily Amt. (24) 100  
 Annual Waste Amt. (25) 800

Storage Container (26)  Above Ground Tank  Can  Box  Tank Wagon  
 [REDACTED]  Carboy  Cylinder  Rail Car  
 Tank Inside Building  Silo  Glass Bottle  Other...  
 Steel Drum  Fiber Drum  Plastic Bottle  
 Plastic/Nonmetallic Drum  Bag  Tote Bin

Storage Pressure (27)  Ambient  Above Ambient  Below Ambient

Storage Temperature (28)  Ambient  Above Ambient  Below Ambient  Cryogenic

| (29) % Weight |
|---------------|
| 1. 100%       |
| 2.            |
| 3.            |
| 4.            |

| (30) Hazardous Components | (31) CalARP Listed?  | (32) C A S No. |
|---------------------------|--|----------------|
| MOTOR OIL, USED           | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 8002-05-9      |
|                           | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |                |
|                           | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |                |
|                           | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |                |

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Page (2)

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Business Name: (4) Tosco Corp. Station #  
 255760 -

Chemical Location: (5) IN TIRE DISPOSAL AREA

Map Number: (6) 1 Grid Number: (7) E6

Chemical Name: (8) PETROLEUM HYDROCARBON Trade Secret? (11)  Y  N

Common Name: (9) USED OIL FILTERS CalARP Listed? (12)  Y  N

CAS Number: (10) 8002-05-9 If "Y" for CalARP Listing, all amounts must be in "pounds."

Uniform Fire Code Hazard Classes (Check all boxes that apply to this chemical and write in the appropriate Class.) (13)


| Physical Characteristics  |  | Health Characteristics                       |                                      |
|---|--|--|--------------------------------------|
| <input type="checkbox"/> Explosives/Blasting Agents                     | <input type="checkbox"/> Flammable Solid             | <input type="checkbox"/> Toxic               | <input type="checkbox"/> Sensitizer  |
| <input type="checkbox"/> Class ___ Flammable Liquid                     | <input type="checkbox"/> Class ___ Water Reactive    | <input type="checkbox"/> Highly Toxic        | <input type="checkbox"/> Carcinogen  |
| <input checked="" type="checkbox"/> Class <u>III</u> Combustible Liquid | <input type="checkbox"/> Class ___ Unstable Reactive | <input type="checkbox"/> Corrosive           | <input type="checkbox"/> Radioactive |
| <input type="checkbox"/> Class ___ Oxidizer                             | <input type="checkbox"/> Class ___ Organic Peroxide  | <input checked="" type="checkbox"/> Irritant |                                      |
| <input type="checkbox"/> Flammable Gas                                  | <input type="checkbox"/> Class ___ Pyrophoric        | <input type="checkbox"/> Other Health Hazard |                                      |
| <input type="checkbox"/> Non-Flammable Gas                              |  |  |                                      |

Type of Material (14)  Pure  Mixture  Waste

Radioactive? (15)  Y  N

Physical State (17)  Solid  Liquid  Gas

Curies (16) \_\_\_\_\_ Curies

NFPA 704 Ratings (16A) 

Federal Hazard Categories (18)  Fire  Reactive  Pressure Release  Acute Health  Chronic

State Waste Code (19) 223 Unit (22)  Gallons  Cubic Feet

Days on Site (20) 365  Pounds  Tons

Largest Container (21) 55 GAL If CalARP Listed, amounts must be in pounds.

Max. Daily Amt. (23) 100

Ave. Daily Amt. 100

Annual Waste Amt. (25) 200

Storage Container (26)

|   |                                     |   |   |
|---|-------------------------------------|---|---|
| <input type="checkbox"/> Above Ground Tank        | <input type="checkbox"/> Can        | <input type="checkbox"/> Box            | <input type="checkbox"/> Tank Wagon     |
| <input type="checkbox"/> Under Ground Tank        | <input type="checkbox"/> Carboy     | <input type="checkbox"/> Cylinder       | <input type="checkbox"/> Rail Car       |
| <input type="checkbox"/> Tank Inside Building     | <input type="checkbox"/> Silo       | <input type="checkbox"/> Glass Bottle   | <input type="checkbox"/> Other... _____ |
| <input checked="" type="checkbox"/> Steel Drum    | <input type="checkbox"/> Fiber Drum | <input type="checkbox"/> Plastic Bottle | <input type="checkbox"/> _____          |
| <input type="checkbox"/> Plastic/Nonmetallic Drum | <input type="checkbox"/> Bag        | <input type="checkbox"/> Tote Bin       |   |

Storage Pressure (27)  Ambient  Above Ambient  Below Ambient

Storage Temperature (28)  Ambient  Above Ambient  Below Ambient  Cryogenic

| (29) % Weight | (30) Hazardous Components | (31) CalARP Listed?  | (32) C A S No. |
|---------------|---------------------------|--|----------------|
| 1. 100%       | USED OIL FILTERS          | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 8002-05-9      |
| 2.            | USED OIL                  | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 8002-05-9      |
| 3.            |                           | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |                |
| 4.            |                           | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |                |

**Appendix C**

**California Hazardous Material Inventory Reporting Form- Chemical Description Page**

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Business Name: (4) Tosco Corp. Station #  
255760 -

Chemical Location: (5) BUSINESS OFFICE

Map Number: (6) 1                      Grid Number: (7) E6

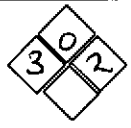
Chemical Name: (8) LEAD ACID BATTERY      Trade Secret? (11)     Y     N

Common Name: (9) WASTE BATTERIES      CalARP Listed? (12)     Y     N

CAS Number: (10) 7664-93-9      If "Y" for CalARP Listing, all amounts must be in "pounds."

Uniform Fire Code Hazard Classes (13) (Check all boxes that apply to this chemical and write in the appropriate Class.)

|   |   |
|---|---|
| <b>Physical Characteristics</b>                             | <b>Health Characteristics</b>                           |
| <input type="checkbox"/> Explosives/Blasting Agents         | <input checked="" type="checkbox"/> Toxic               |
| <input type="checkbox"/> Class ___ Flammable Liquid         | <input type="checkbox"/> Sensitizer                     |
| <input type="checkbox"/> Class ___ Combustible Liquid       | <input type="checkbox"/> Highly Toxic                   |
| <input checked="" type="checkbox"/> Class <u>B</u> Oxidizer | <input checked="" type="checkbox"/> Corrosive           |
| <input type="checkbox"/> Flammable Gas                      | <input type="checkbox"/> Carcinogen                     |
| <input type="checkbox"/> Non-Flammable Gas                  | <input type="checkbox"/> Radioactive                    |
| <input type="checkbox"/> Flammable Solid                    | <input type="checkbox"/> Irritant                       |
| <input type="checkbox"/> Class ___ Water Reactive           | <input checked="" type="checkbox"/> Other Health Hazard |
| <input type="checkbox"/> Class ___ Unstable Reactive        |   |
| <input type="checkbox"/> Class ___ Organic Peroxide         |   |
| <input type="checkbox"/> Class ___ Pyrophoric               |   |

Type of Material (14)     Pure     Mixture     Waste      Radioactive? (15)     Y     N      NFPA 704 Ratings (16A) 

Physical State (17)     Solid     Liquid     Gas      Curies (16)    \_\_\_\_\_ Curies

Federal Hazard Categories (18)     Fire     Reactive     Pressure Release     Acute Health     Chronic Health

State Waste Code (19)    162      Unit (22)     Gallons     Cubic Feet      Max. Daily Amt. (23)    ~~10~~

Days on Site (20)    365       Pounds     Tons      Ave. Daily Amt.    2

Largest Container (21)    BATT      If CalARP Listed, amounts must be in pounds.      Annual Waste Amt. (25)    100

Storage Container (26)

|   |                                     |   |   |
|---|-------------------------------------|---|---|
| <input type="checkbox"/> Above Ground Tank        | <input type="checkbox"/> Can        | <input type="checkbox"/> Box            | <input type="checkbox"/> Tank Wagon                         |
| <input type="checkbox"/> Under Ground Tank        | <input type="checkbox"/> Carboy     | <input type="checkbox"/> Cylinder       | <input type="checkbox"/> Rail Car                           |
| <input type="checkbox"/> Tank Inside Building     | <input type="checkbox"/> Silo       | <input type="checkbox"/> Glass Bottle   | <input checked="" type="checkbox"/> Other... <u>BATTERY</u> |
| <input type="checkbox"/> Steel Drum               | <input type="checkbox"/> Fiber Drum | <input type="checkbox"/> Plastic Bottle | <input type="checkbox"/> _____                              |
| <input type="checkbox"/> Plastic/Nonmetallic Drum | <input type="checkbox"/> Bag        | <input type="checkbox"/> Tote Bin       |   |

Storage Pressure (27)     Ambient     Above Ambient     Below Ambient

Storage Temperature (28)     Ambient     Above Ambient     Below Ambient     Cryogenic

| (29) % Weight | (30) Hazardous Components | (31) CalARP Listed?  | (32) C A S No. |
|---------------|---------------------------|--|----------------|
| 1. 35%        | SULFURIC ACID (35%)       | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 7664-93-9      |
| 2. 34%        | LEAD                      | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 7439-92-1      |
| 3. 31%        | LEAD DIOXIDE              | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 1309-60-0      |
| 4. 1%         | LEAD SULFATE              | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | 7446-14-2      |

**APPENDIX J**  
**EMERGENCY RESPONSE PLAN / CONTINGENCY PLAN**

The following items are elements of a comprehensive emergency response/contingency plan that meets state requirements. If your facility has a written plan, or if you are to prepare one, make sure that all the elements listed are covered by your plan. Small facilities with simple operations may complete this Appendix J to the HMBP to comply with the requirement for a written emergency plan.

**I. Facility Information:**

|                                     |                     |
|-------------------------------------|---------------------|
| Facility Name: San Lorenzo 76 #5760 | Phone: 510-481-9260 |
| Address: 376 Lewelling Boulevard    |                     |
| City: San Lorenzo                   | Zip: 94580          |

**II. Emergency Coordinators:**

| Primary Coordinator             | Secondary Coordinator           |
|---------------------------------|---------------------------------|
| Name: Manjit Gill               | Name: Gurgit Gill               |
| Title: President                | Title: Manager                  |
| Work Phone: 510-481-9260        | Work Phone: 510-481-9260        |
| After hours Phone: 510-489-1347 | After hours Phone: 510-489-1347 |
| Pager: 510-607-2077             | Pager:                          |

**III. Emergency Telephone Numbers and Arrangements:**

Whenever a release, fire, or explosion threatens human health or the environment, the emergency coordinator shall immediately notify the following:

| Agency   | Phone          |
|--|----------------|
| Fire Department Dispatcher: <b>call for emergencies and spill notification</b> | 911            |
| State Office of Emergency Services (OES)                                       | 1-800-852-7550 |
| CUPA Contact: <b>Alameda Co. Dept. of Env. Health</b>                          | 510-567-6700   |
| Hospital/Medical Center: <u>SAN LEANDRO HOSPITAL</u>                           | 510-357-8450   |
| Waste Water Treatment Facility:  |                |
| Hazardous Waste Contractor: <u>Fixed Fee Contractor</u>                        |                |
| <b>Bay Area Air Quality Management District</b>                                | (415) 771-6000 |
| Local Water District:  |                |

**IV. Arrangements: (Please check one box.)**

- We have no formalized written agreements with any emergency response contractor, fire department, or hospital.
- We have formalized written agreements with \_\_\_\_\_  
 \_\_\_\_\_  
 for emergency response. (Telephone numbers listed above.)

## V. Emergency Equipment Inventory

| Equipment category   | Equipment type                                     | Location*                  | Description**           |
|--|--|----------------------------|-------------------------|
| Personal Protective Equipment, Safety Equipment, and First Aid Equipment | Chemical Protective Boots                          |                            |                         |
|  | Chemical Protective Gloves                         | service bay                | Rubber Gloves           |
|  | Safety Glasses/Goggles/Face shields                | service bay                | safety glasses          |
|  | Chemical Protective Clothing                       |                            |                         |
|  | Hard Hats  |                            |                         |
|  | Chemical Monitoring Equipment<br>(describe)        |                            | tank level monitor      |
|  | First Aid Kits                                     | SERVICE BAY                | Standard First aid kit  |
|  | Eye Wash Stations                                  |                            |                         |
|  | Safety Showers                                     |                            |                         |
|  | Cartridge Respirators and Cartridges<br>(describe) |                            |                         |
|  | Self-Contained Breathing Apparatus (SCBA)          |                            |                         |
|  | Other (describe)                                   |                            |                         |
| Fire Extinguishing Systems   | Fire Extinguishers                                 | 1-CASHIER<br>1-SERVICE BAY | portable ABC capability |
|  | Automatic Fire Systems                             |                            |                         |
|  | Fire Alarm Boxes                                   |                            |                         |
| Spill Control Equipment, and Decontamination Equipment                   | Absorbents, Neutralizers (describe)                | SERVICE BAY                | soda ash/ kitty litter  |
|  | Shovels/Brooms/Squeegees                           | store room                 | broom, shovel           |
|  | Overpack drum/Spill drum                           |                            |                         |
|  | Berms/Dikes (describe)                             |                            |                         |
|  | Decontamination Equipment (describe)               |                            |                         |
|  | Gas cylinder leak repair kits (describe)           |                            |                         |
|  | Other equipment (describe)                         |                            |                         |
| Communication and Alarm Systems  | Telephones   | see site map               |                         |
|  | Intercoms/PA systems                               |                            |                         |
|  | Portable 2 way radios                              |                            |                         |
|  | UST leak detection monitors                        | AT ELECTRIC AL PANEL       | VEEDER ROOT TLS-350     |
|  | Chemical alarms. (describe)                        |                            |                         |
| Additional Equipment<br>(Use additional pages if needed)                 |  |                            |                         |

\* If appropriate, use the location code(s) from your Hazardous Materials Business Plan.

\*\* Describe the equipment and its capabilities, including any maintenance program or procedures.



**VI. Evacuation Information:**

|                                |   |
|--------------------------------|---|
| <b>Evacuation Announcement</b> | <input type="checkbox"/> Bell <input type="checkbox"/> Horn <input type="checkbox"/> PA System <input checked="" type="checkbox"/> Shouting <input type="checkbox"/> Other: _____ |
| <b>Evacuation Route</b>        | <input checked="" type="checkbox"/> Map <input type="checkbox"/> Other _____  |
| <b>Assembly Area</b>           | (Describe Location) SIDEWALK NEAR NORTHWEST LOT CORNER  |
| <b>Re-entry Procedures</b>     | (Describe) SEE ATTACHED   |

**VII. Emergency Procedures:    Emergency Coordinator Responsibilities:**

1. Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the emergency coordinator (or his/her designee when the emergency coordinator is on call) shall:
  - a. Identify the character, exact source, amount, and extent (area covered) of any released hazardous materials.
  - b. Assess possible hazards to human health or the environment that may result from the explosion, fire, or release. This assessment must consider both direct and indirect effects (e.g. the effects of any toxic, irritating, or asphyxiating gases that are generated, the effects of any hazardous surface water run-off from water or chemical agents used to control fire, etc.).
  - c. Activate internal facility alarms or communication systems, where applicable, to notify all facility personnel.
  - d. Notify appropriate local authorities (i.e. call 911).
  - e. Notify the State Office of Emergency Services at 1-800-852-7550.
  - f. Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment shut down in response to the incident.
  - g. Take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility.
  
2. Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall:
  - a. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from a explosion, fire, or release at the facility.
  - b. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.
  - c. Ensure that all emergency equipment is cleaned, fit for its intended use, and available for use.
  - d. Notify the Cal/EPA's Department of Toxic Substances Control and "insert name of local CUPA" that the facility is in compliance with requirements 2-a and 2-b, above.

**SPECIAL SITE-SPECIFIC PROCEDURES**

| Emergency  | Response Action |
|--|-----------------|
| <b>Spills or Other Releases of Hazardous Materials or Hazardous Waste:</b> | SEE ATTACHED    |
| <b>Fire:</b>   | SEE ATTACHED    |
| <b>Explosion:</b>  | SEE ATTACHED    |
| <b>Earthquake: (Identify areas requiring immediate inspection.)</b>        | SEE ATTACHED    |
| <b>Other:</b>  |                 |

## APPENDIX K EMERGENCY RESPONSE TRAINING PLAN

State regulations require that the HMBP include a training program which is reasonable and appropriate for the size of the business and the nature of the hazardous materials/ waste its employees handle. The training program shall take into account the responsibilities of the employees to be trained. It shall also include provisions for ensuring that all personnel receive initial and refresher training.

The following list of training requirements and training records are elements of a comprehensive emergency response training plan that meets state requirements. If your facility has a written plan, or if you are to prepare one, make sure all the elements listed are covered by your plan. At a minimum, for small facilities with simple operations, adopting the procedures and completing the information and activities required under each element listed will constitute a written emergency response training plan.

By marking the appropriate boxes in the left column, indicate those elements that are covered by your emergency response plan.

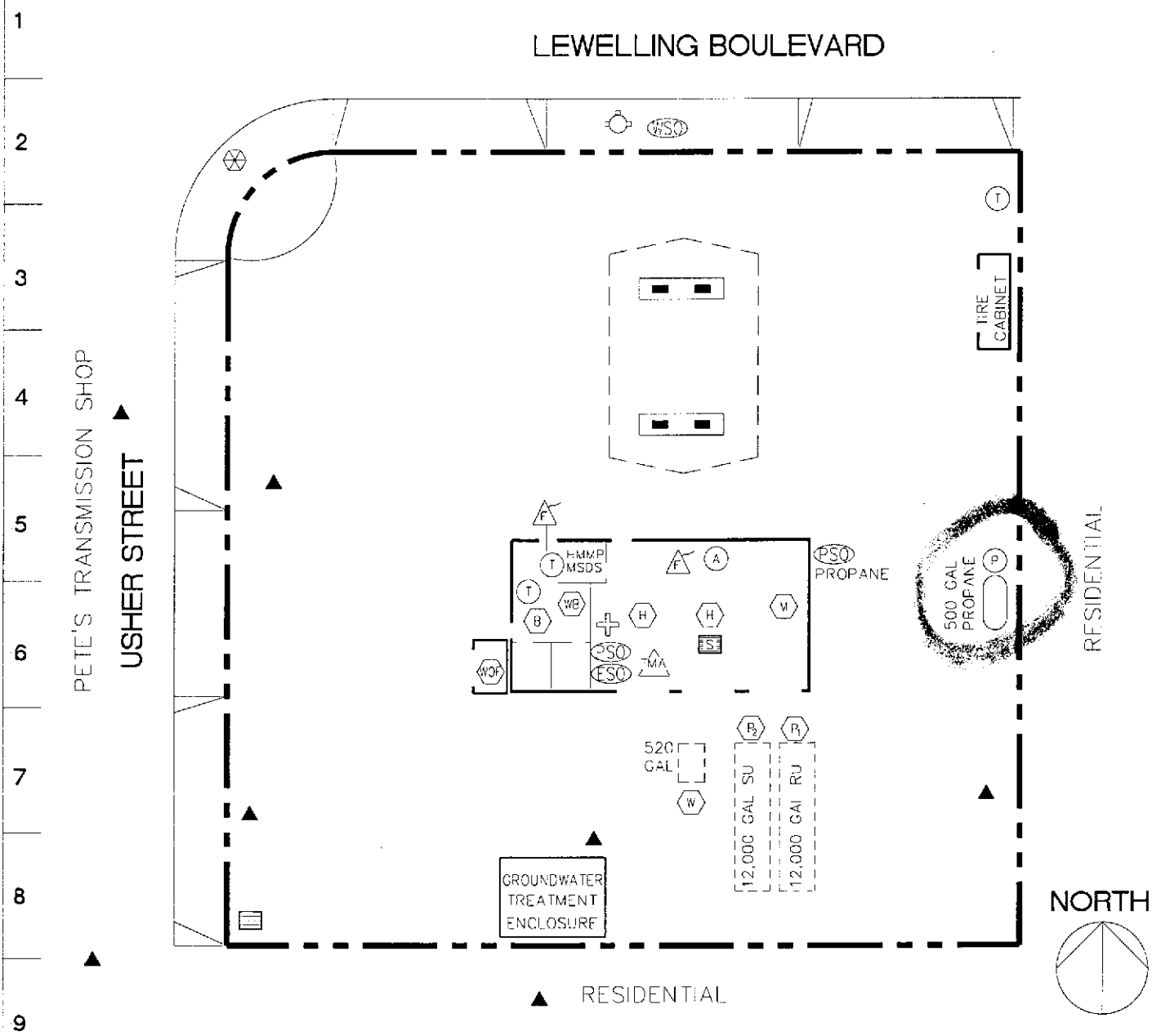
| <b>All employees are trained to do the following procedures, as appropriate:</b> |  |
|--|--|
| <input checked="" type="checkbox"/>  | 1. Initiate, activate, or recognize internal alarms and other emergency announcements.                         |
| <input checked="" type="checkbox"/>  | 2. Notify internal or on-site emergency responders listed in the emergency response/contingency plan.          |
| <input checked="" type="checkbox"/>  | 3. Notify agencies listed in the emergency response/contingency plan.  |
| <input checked="" type="checkbox"/>  | 4. Locate and review contents of written emergency response/contingency plan.                                  |
| <input checked="" type="checkbox"/>  | 5. Initiate, conduct, or follow evacuation procedures as described in the emergency response/contingency plan. |

| <b>Hazardous materials/waste handlers are additionally trained in the following subjects:</b> |   |
|---|---|
| <input checked="" type="checkbox"/>   | 1. Safe methods for handling and storage of hazardous materials and hazardous waste.  |
| <input checked="" type="checkbox"/>   | 2. Locations and proper use of personal protective equipment.   |
| <input checked="" type="checkbox"/>   | 3. Locations and proper use of fire and spill control equipment.  |
| <input checked="" type="checkbox"/>   | 4. Specific hazards of each chemical or waste to which they may be exposed, including pathways of exposure. (i.e. skin absorption, inhalation, ingestion).  |
| <input checked="" type="checkbox"/>   | 5. Follow emergency procedures for chemical/waste spills, earthquake, fire, and/or medical emergencies as described in the emergency response/contingency plan.   |
| <input checked="" type="checkbox"/>   | 6. Hazardous waste handlers/managers are also trained annually in all aspects of hazardous waste management specific to their job duties (e.g. accumulation time, storage period, labels, inspection of containers and storage areas, uniform hazardous waste manifests, etc.). |

| <b>Members of the Emergency Response Team are additionally trained for the following activities:</b> |   |
|--|---|
| <input checked="" type="checkbox"/>  | 1. Personnel rescue procedures.   |
| <input checked="" type="checkbox"/>  | 2. Shutdown of operations.  |
| <input checked="" type="checkbox"/>  | 3. Liaison with emergency response agencies.  |
| <input checked="" type="checkbox"/>  | 4. Use, maintenance, and replacement of emergency response equipment.                               |
| <input checked="" type="checkbox"/>  | 5. Emergency response drills are conducted, at least <i>[specify frequency]</i> [ 1 ] times a year. |
| <input checked="" type="checkbox"/>  | 6. Refresher training is provided, at least annually.   |

| <b>Employee training and other records are to be maintained at the facility. These include the following:<br/>(Note: The following list does not necessarily include every type of record required to be maintained by your facility.)</b> |  |
|--|--|
| <input checked="" type="checkbox"/>  | 1. Record of training for each employee (date and duration of training, subject matter covered, instructor, etc.).   |
| <input checked="" type="checkbox"/>  | 2. Training records of current and former employees. <i>(For current employees, records are to be retained until closure of the facility. For former employees, training records are to be retained for at least 3 years after termination of employment.)</i> |
| <input checked="" type="checkbox"/>  | 3. Description of introductory and continuing training programs for each employee classification.  |
| <input checked="" type="checkbox"/>  | 4. Current emergency response, contingency, and/or spill response plan (for underground and/or aboveground tanks)  |
| <input checked="" type="checkbox"/>  | 5. Description and documentation of emergency response drills.   |
| <input checked="" type="checkbox"/>  | 6. Record of reportable/recordable accidental releases of hazardous material/waste.  |
| <input checked="" type="checkbox"/>  | 7. Record of inspections of hazardous material/waste storage areas. <i>(At least weekly for hazardous waste areas.)</i>  |
| <input checked="" type="checkbox"/>  | 8. Record of daily inspection of hazardous waste tanks.  |
| <input checked="" type="checkbox"/>  | 9. Inspection procedures for identified earthquake-sensitive areas and systems in the facility.  |

USHER-IN BAR  
LEWELLING BOULEVARD



1  
2  
3  
4  
5  
6  
7  
8  
9  
A B C D E F G H I J

FULL SERVICE STATION LEGEND

SCALE: 1"=30'-0"±

DATE: 2/4/99

- |                                    |                            |
|------------------------------------|----------------------------|
| (PSO) EMERGENCY PUMP SHUT-OFF      | (▲) MONITORING WELLS       |
| (ESO) ELECTRICAL PANEL SHUT-OFF    | (△) OBSERVATION WELLS      |
| (NSO) NATURAL GAS SHUT-OFF         | (A) ANTIFREEZE             |
| (WSO) WATER SHUT-OFF               | (B) BATTERY STORAGE        |
| (TMA) TANK MONITORING ALARM        | (G) GREASE (BARREL)        |
| (T) TELEPHONE                      | (M) MOTOR/TRANSMISSION OIL |
| (+) FIRST AID KIT                  | (P) A.G. PRODUCT TANK      |
| (F) FIRE EXTINGUISHER              | (U) U.G. PRODUCT TANK      |
| (SD) STORM DRAIN                   | (S) SOLVENT SINK           |
| (ES) OIL/WATER SEPARATOR           | (W) WASTE OIL TANK         |
| (EAA) EMERGENCY ASSEMBLY AREA      | (A) ABSORBENT              |
| (HMMP/MSDS) HMMP AND MSDS LOCATION | (WOF) WASTE OIL FILTERS    |
| (H) HOIST (SERVICE BAY)            | (WA) WASTE ANTIFREEZE      |
| (FH) FIRE HYDRANT                  | (WB) WASTE BATTERIES       |
| (---) FENCE                        |                            |

SITE PLAN

376 LEWELLING BOULEVARD

SAN LORENZO, CALIFORNIA 94580

SS# 5760



**TOSCO MARKETING COMPANY**

PREPARED BY:



ARCHITECTURE • ENGINEERING  
• ENVIRONMENTAL SERVICES  
1157 N. MCDOWELL BLVD., PETALUMA, CA (707) 765-1850  
JOHN W. JOHNSON, ARCHITECT JAMES H. RAY, CIVIL ENGINEER

PAGE#

**MAJOR INCIDENT: FIRE, SPILL OR SUSPECTED LEAK**

1. TURN OFF PUMPS using the Emergency Pump Shut-Off Switch.
2. EVACUATE: verbally ANNOUNCE to all persons on the site: "There is an emergency. Please turn off your engines and leave the station on foot immediately. All employees meet at the emergency assembly area."
3. CALL 9-1-1 Give the following information:  
"THERE IS A FIRE / GASOLINE SPILL at the Tosco 76 service station at 376 Lewelling Boulevard" If anyone is trapped or needs medical attention, tell the answering dispatcher. Stay on the phone and be prepared to answer any questions concerning the situation.
4. ATTEMPT to contain the spill if you can do it safely.
5. LOOK AROUND to ensure that everyone has left the station, particularly those in vehicles who may need assistance or may not have heard the emergency announcement. Assist or direct assistance to anyone having difficulty leaving the station area, and anyone who may be injured.
6. REPORT to arriving emergency response personnel to provide them with any information or assistance they might need.
7. CONTACT the station dealer if s/he is not already at the station. Use the list below for emergency contacts:

Emergency Coordinator: Manjit Gill Title: President  
 Address: 4444 Bolivar Place, Union City 94587  
 Bus#/Home#/Alt#: 510-481-9260 / 510-489-1347 / 510-607-2077  
 Alternate Emergency Coordinator: Gurgit Gill Title: Manager  
 Address: \_\_\_\_\_  
 Bus#/Home#/Alt#: 510-481-9260 / 510-489-1347 /

8. NOTIFY your Fixed Fee contractor IMMEDIATELY.  
 Business Operations Manager: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Tosco Corporation will notify the State and Local administering agencies within an appropriate time frame, unless the situation requires urgent immediate response by the agencies, in which case the DEALER should notify these agencies:

1. LOCAL AGENCY: Alameda Co. Dept. of Env. Health  
 PHONE NUMBER: 510-567-6700
2. CALIFORNIA OFFICE OF EMERGENCY SERVICES, (800) 852-7550 (24 HOURS)
3. LOCAL POLICE AND FIRE DEPARTMENTS, 911
4. NATIONAL RESPONSE CENTER 1-800-424-8802 (24 HOURS).

**MINOR INCIDENT:** Any incident that can be contained and cleaned up as part of the routine operations. Whenever in doubt, consider the incident a major release and use the above procedures.

- FIRES: Extinguish with fire extinguisher. Recharge fire extinguisher, if used.  
SPILLS: Clean up with absorbent materials on site and dispose of according to all regulations. Have a fire extinguisher ready for spills of flammable materials. Restock absorbent as necessary. See Training Plan item #H for additional direction.  
MEDICAL: Treat with on site first aid kit or take to nearest hospital. Employee training plan lists the nearest hospital.  
RECORD: Record the event in the daily monitoring log.  
NOTIFY: the dealer of the event.

Employees must be given this training before starting work, and refresher courses must be provided annually. Records must be kept to show when each station employee has been given his/her safety training. Use the following outline and make copies as needed. Have employee date and sign the attached training log upon completion of training. Retain these records for a minimum of three years.

I. FIRST THINGS TO KNOW:

- A. EMERGENCY PUMP SHUT-OFF: This turns off the turbine pumps that provide flow to the dispensers from the underground tanks. In case of a leak, shutting off the pumps will help to prevent spills.  
Location: 1-W INTR SVC BAY WALL, 1-E EXTERIOR WALL
  
- B. ELECTRICAL PANEL: The panel allows you to selectively cut off power to lights, signs, pumps, etc. The main switch kills all power at the site.  
Location: WEST INTERIOR SERVICE BAY WALL
  
- C. TANK MONITORING ALARM: Monitoring panel for the Underground Storage Tanks. This panel will indicate when a leak is detected by a visual and audible alarm.  
Location: AT ELECTRICAL PANEL
  
- D. WATER SHUT-OFF: The water shut-off may be necessary in some cases.  
Location: IN SIDEWALK ON LEWELLING BLVD
  
- E. NATURAL GAS SHUT-OFF: If your station has natural gas, it may be necessary to shut-off the natural gas flow in an emergency.  
Location: NONE
  
- F. PROPANE/LPG: If your station has a propane or liquified petroleum gas tank - In the event of a release or fire, turn off the manual valves and shut off the power to the dispensing pumps. Call your supplier or dial 9-1-1 as appropriate.
  
- G. FIRE EXTINGUISHER: Use only on small fires that you can handle. Do not attempt to extinguish large fires on your own; call 9-1-1 for help.  
Location: 1-CASHIER, 1-SERVICE BAY
  
- H. ABSORBENT: In the form of kitty litter, absorbent can soak up small spills of gasoline, diesel fuel, or other petroleum products. Absorbent should be used rather than washing spills down a drain. In case of large spill, merely try to contain it; a vacuum truck should be used to clean up any large spill.  
Location: SERVICE BAY
  
- I. EMERGENCY RESPONSE EQUIPMENT: These items shall be used by employees to prevent direct skin contact with a hazardous material.
  - 1. Broom: SERVIVE BAY
  - 2. Shovel: SERVICE BAY
  - 3. Gloves: SERVICE BAY
  - 4. Goggles: SERVICE BAY
  
- J. FIRST AID KIT:  
Location: SERVICE BAY
  
- K. EMERGENCY ASSEMBLY AREA: Location where all employees are to meet in the event of an emergency.  
Location: SIDEWALK NEAR NORTHWEST LOT CORNER

L. HAZARDOUS MATERIAL MANAGEMENT PLAN (HMMP) & MATERIAL SAFETY DATA SHEET (MSDS):

Location: CASHIER

II. NEAREST MEDICAL FACILITY: Employees should know what facilities are available in case customers or other employees need medical attention.

1. NAME: SAN LEANDRO HOSPITAL

ADDRESS: 13855 EAST 14TH STREET, OAKLAND

PHONE NUMBER: 510-357-8450

NEAREST DESIGNATED TRAUMA CENTER:

2. NAME: HIGHLAND HOSPITAL

ADDRESS: 1411 EAST 31ST STREET, OAKLAND

PHONE NUMBER: 510-437-4557

III. All employees should review the Hazardous Material Plan, of which this training plan is a part. Specifically, each employee should understand the procedures to be used in responding to various kinds of emergencies, and know how to monitor for leaks of hazardous materials. As a supplement to this package, employees should also review the Emergency Response Plan filed by your business to the appropriate local agency. Thirdly, employees should review and have access to the Materials Safety Data Sheets you have on file for each of the hazardous materials stored at the station and must be drilled in all emergency response procedures contained herein.

IV. FIRST AID PROCEDURES (For exposure to gasoline or diesel fuel):

A. EYE CONTACT: Flush with water for 15 minutes while holding eyelids open. Get medical attention.

B. SKIN CONTACT: Flush with water while removing contaminated clothing and shoes. Follow by washing with soap and water. Do not reuse clothing or shoes until cleaned. If irritation persists, get medical attention.

C. INHALATION (Breathing): Remove victim to fresh air and provide oxygen if breathing is difficult. If not breathing, give artificial respiration. Get medical attention.

D. INGESTION (Swallowing):

DO NOT INDUCE VOMITING BECAUSE GASOLINE CAN ENTER LUNGS AND CAUSE SEVERE LUNG DAMAGE! If vomiting occurs spontaneously keep head below hips to prevent aspiration of liquid into lungs. Get medical attention.

E. NOTE TO PHYSICIAN: If more than 2.0 ml per kg has been ingested and vomiting has not occurred, emesis should be induced with medical supervision. Keep victim's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

F. For further information, consult the Materials Safety Data Sheets for these products and for other hazardous materials.

FIRST AID FOR EXPOSURE TO OTHER MATERIALS: Consult the warning advice on container labels or refer to the MSDS for that product.

This hazardous material management plan meets the requirements of a hazardous waste contingency plan.

Document prepared by: Environmental Staff, RHL Design Group, Inc., 800-765-1025  
Last updated: February 5, 1999

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

Alameda County CC4580  
Environmental Health Services  
1131 Harbor Bay Pkwy., #250  
Alameda CA 94502-6577  
(510)567-6700 FAX(510)337-9335

StId 1746

August 15, 1996

Tina Berry  
Unocal Corporation  
2000 Crow Canyon Place, Suite 400  
San Ramon CA 94583

Subject: Investigations at Unocal Service Station #5760 located at 376 Lewelling Blvd.,  
San Lorenzo, CA

Dear Ms. Berry:

This office has recently reviewed the Pacific Environmental Group, Inc.'s Remedial Action Performance Summary - First Quarter 1996, dated April 18, 1996; MPDS Services, Inc.'s Quarterly Report, dated May 20, 1996; and your letter, dated July 16, 1996, regarding the subject site. This office concurs with the proposed revised groundwater monitoring schedule from quarterly to semi-annual sampling to occur in March and September for all monitoring wells (U-1 through U-9).

It was my understanding that a baseline bioreclamation assessment was to be completed at this site during the third or fourth quarter 1995, to determine if the use of Oxygen Releasing Compound (ORC) would be beneficial in augmenting natural biodegradation of petroleum hydrocarbons at this site. Please advise this office of the results and/or status of the bioreclamation assessment.

Please contact me at (510)567-6755 if you have questions or comments.

Sincerely,

Amy Leech  
Hazardous Materials Specialist

c: Joseph Muzzio  
Pacific Environmental Group, Inc.  
2025 Gateway Place, Suite 440  
San Jose CA 95110

Gordon Coleman - FILE(ALL)

*See Attached -  
needs further  
response*

**Unocal Corporation**  
Diversified Businesses  
2000 Crow Canyon Place, Suite 400  
San Ramon, California 94583  
Telephone (510) 867-0760  
Facsimile (510) 277-2309

**UNOCAL** 

July 16, 1996

ACHCSA - DEH  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, California 94502  
Attn: Ms. Amy Leech

West Region  
Environmental Remediation Services

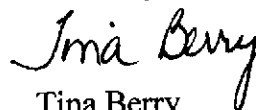
SUBJECT:  
Unocal SS# 5367 and SS# 5760  
San Leandro and San Lorenzo, CA

Dear Ms. Leech:

Attached please find copies of my consultant's letters recommending revisions to the groundwater monitoring and sampling frequencies for the subject sites. Unocal wishes to implement the revised schedules immediately and requests concurrence from your office to do so. Please contact me at your earliest convenience if you do not agree with the proposed schedules.

Thank you. I look forward to hearing from you. Please call me at 510-277-2321 if you would like to discuss this matter.

Sincerely,

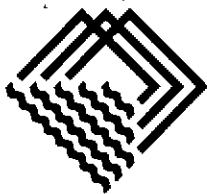


Tina Berry  
Project Manager

attachment

c: File, SS#5367  
File, SS#5760





PACIFIC  
ENVIRONMENTAL  
GROUP INC.

June 14, 1996  
Project 310-058.5A

Ms. Tina Berry  
Unocal Corporation  
2000 Crow Canyon Place, Suite 400  
San Ramon, California 94583

Re: Revised Groundwater Monitoring Program  
Unocal Service Station 5760  
376 Lewelling Boulevard at Usher Street  
San Lorenzo, California

Dear Ms. Berry:

This letter has been prepared on behalf of Unocal Corporation (Unocal), to present revisions to the groundwater monitoring and sampling program for the Unocal site referenced above. Historical groundwater monitoring and sampling data were most recently presented in an MPDS Services, Inc. (MPDS) *Quarterly Data Report*, dated April 18, 1996.

As requested by Unocal, Pacific Environmental Group Inc. (PACIFIC) has evaluated the current groundwater monitoring program to determine whether a reduction in the monitoring and sampling frequency of site wells may be appropriate at the site. Based on this evaluation, PACIFIC recommends the following revisions to the groundwater monitoring and sampling schedule:

- All existing groundwater monitoring wells, U-1 through U-9, will be monitored on a semiannual basis to determine groundwater elevation and separate-phase hydrocarbon thickness. Semiannual groundwater monitoring will be performed in March and September.
- All existing groundwater monitoring wells will be sampled for laboratory analysis on a semiannual basis. Groundwater samples will be analyzed for the presence of total purgeable petroleum hydrocarbons calculated as gasoline, benzene, toluene, ethylbenzene, and xylenes, and methyl tert-butyl ether. Semiannual groundwater sampling will be performed in March and September.

June 14, 1996

Page 2

- Reports documenting the monitoring and sampling activities will be presented semiannually.

Rationale for the modifications to the groundwater monitoring and sampling program are as follows.

- Quarterly groundwater monitoring and sampling have been performed at the site since March 1990. Sufficient data have been collected to develop trends in groundwater quality and flow direction.
- Based on historical groundwater analytical data for monitoring wells the dissolved hydrocarbon plume beneath the site appears to be stable. Semiannual groundwater monitoring and sampling should be sufficient to provide ongoing documentation of plume stability.
- Active soil and groundwater remediation are currently in progress at the site. Based on remedial system performance to date, and recent groundwater analytical results, it is anticipated that the hydrocarbon plume will decrease in size and increase in stability with the ongoing operation of the remedial system.

The modifications to the groundwater monitoring and sampling schedule for the site will be implemented immediately. The next semiannual groundwater monitoring and sampling event will be performed in September 1996.

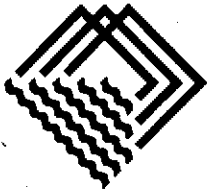
Copies of this letter should be distributed to: Mr. Richard Heitt of the Regional Water Quality Control Board; Ms. Amy Leech of the Alameda County Health Care Services Agency; and Mr. Nubar Srabian of MPDS Services, Inc. If you have any questions regarding the contents of this letter, please call.

Sincerely,

**Pacific Environmental Group, Inc.**



Joseph Muzzio  
Project Geologist  
C.E.G. 1672



PACIFIC  
ENVIRONMENTAL  
GROUP, INC.

*LOK*  
*8/14/96*

May 22, 1996  
Project 310-058.5A

Ms. Susan Keach  
Oro Loma Sanitary District  
2600 Grant Avenue  
San Lorenzo, California 94580

Re: Special Discharge Permit Renewal  
Unocal Service Station 5760  
376 Lewelling Boulevard at Usher Street  
San Lorenzo, California

Dear Ms. Keach:

This letter is being sent in order to renew the special discharge permit for the site referenced above, and to provide information concerning the status of the site.

No changes have been made to the groundwater remediation system since the current special discharge Permit 024 was issued May 24, 1995. A carbon changeout was performed on the system March 25, 1996. The updated permit application and renewal fee are enclosed. If you have any questions, please do not hesitate to call.

Sincerely,

**Pacific Environmental Group, Inc.**

Suzanne McClurkin-Nelson  
Staff Scientist

Attachments: Copy of Invoice 3045-001 Dated April 10, 1996  
Check 12259  
Special Discharge Permit Application

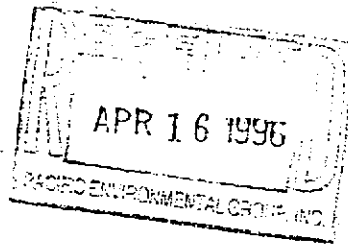
cc: Ms. Tina Berry, Unocal Corporation  
Ms. Juliet Shin, Alameda County Health Care Services Agency

96 MAY 28 PM 3:11  
ENVIRONMENTAL  
PROTECTION



# ORO LOMA SANITARY DISTRICT

Directors  
Roland J. Das, President  
Howard W. Kern, Vice President  
Lawrence N. Landa, Secretary  
Herbert S. Growe, Director  
Frank V. Sicam, Director  
General Manager  
Michael C. Cameron



2600 GRANT AVENUE  
SAN LORENZO, CALIFORNIA 94560  
TELEPHONE (510) 276-4700  
ADMINISTRATION FAX (510) 276-1528  
PLANT FAX (510) 276-7382

INVOICE #: 3045-001

DATE: 04/10/1996

CUSTOMER #: 1506

PACIFIC ENVIRONMENTAL GROUP  
RE: UNOCAL STATION #5760  
2025 GATEWAY PLACE, SUITE 440  
SAN JOSE, CA 95110

---

THIS INVOICE REPRESENTS CHARGES FOR:  
PERMIT RENEWAL

SPECIAL DISCHARGE

420.00

TOTAL AMOUNT DUE AND PAYABLE:

420.00

---

A15-000.00-3120.20

420.00

---

The invoice is due and payable within thirty (30) days. After 30 days' delinquency, a penalty of ten percent (10%) shall be added, and for each month that such charge remains delinquent, a further penalty of one-half of one percent (1/2 of 1%) of said basic charge shall be added. Your failure to pay charges which remain delinquent for a period of sixty days shall constitute a lien against the lot or parcel of land against which the charges for services or facilities were imposed, pursuant to Section 5473.11 of the California Health and Safety Code and Oro Loma Sanitary District Ordinance No. 37-3.



**PACIFIC ENVIRONMENTAL GROUP, INC.**

2025 GATEWAY PLACE, SUITE 440  
SAN JOSE, CA 95110  
(408) 441-7500



**BANK OF AMERICA, NT & SA**  
PALO ALTO COMMERCIAL BANKING  
PALO ALTO, CA 94301  
11-35-1210

012259

THE SUM OF 420 DOLLARS 00 CTS

PAY

TO THE ORDER OF   ORO Loma Sanitary District

DATE

AMOUNT

5-8-96

420.00

TWO SIGNATURES REQUIRED ON AMOUNTS OVER \$3,000.00

*[Handwritten Signature]*

⑈012259⑈ ⑆121000358⑆ 14934⑈03670⑈

PACIFIC ENVIRONMENTAL GROUP, INC.

DETACH AND RETAIN THIS STATEMENT  
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW  
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY NO RECEIPT DESIRED

SAGEGUARD BUSINESS SYSTEMS - CHECK

| PACIFIC ENVIRONMENTAL GROUP, INC.                |            |      |         | BANK CODE 103 |
|--|------------|------|---------|---------------|
| DESCRIPTION                                      | PROJECT    | TASK | ACCOUNT | AMOUNT        |
| Inv# 3045001 4/10/96<br>Special discharge permit | 310-058.5A |      | 508     | 420.00        |

ORO LOMA SANITARY DISTRICT  
SPECIAL DISCHARGE PERMIT APPLICATION

SECTION I: General Condition

1. Applicant Business Name: Unocal Corporation

2. Applicant Address: 2000 Crow Canyon Place, Suite 400

City/State/Zip: San Ramon, California 94583

3. Name of Environmental/Engineering Firm Representing Applicant

Pacific Environmental Group, Inc.

4. Environmental/Engineering Firm Address

Street: 2025 Gateway Place, Suite 440

City/State/Zip: San Jose, California 95110

5. Person to Contact About this Application

Name Suzanne McClurkin-Nelson Title Staff Scientist Date: May 2, 1996


6. Person to Contact in case of Emergency

Name Steve Clark Title Project Hydrogeologist

Day Phone (408) 441-7500 Night Phone (408) 554-7590 code 310

7. Certification

*I certify that the information contained in this application is familiar to me and to the best of knowledge, such information is true, complete and accurate.*

X 

Signature

X 5/22/96

Date

X Joseph Muzzio

Print Name

**ORO LOMA SANITARY DISTRICT  
SPECIAL DISCHARGE PERMIT APPLICATION**

**SECTION 2     SITE INFORMATION**

**1. Name and Address of Remediation Site**

Name            Unocal Service Station 5760

Street           376 Lewelling Boulevard

City/State/Zip   San Lorenzo, California

**2. Discuss the nature of the problem and state the reason(s) why there is no reasonable alternative but to discharge into the wastewater system. (Attach additional pages as necessary).**

(See original permit application)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**3. Site Description**

- a) Provide a map showing the location of the site.
- b) Provide a diagram showing location of all monitoring wells, treatment unit and connection point to the District sewer system.
- c) Provide copies of laboratory analysis of pollutant concentration.

**4. Wastewater Flow Information**

Estimated Discharge Flow Rate     5                    (gal/min)  
Peak Hourly Flow Rate                10                    (gal/min)  
Maximum Daily Flow Rate             10                    (gal/min)

Estimated Duration of Discharge     \_\_\_\_\_

ORO LOMA SANITARY DISTRICT  
SPECIAL DISCHARGE PERMIT APPLICATION

**SECTION 3    TREATMENT SYSTEM INFORMATION**

1) Provide a narrative description of treatment system. Be sure to include the following information. (Use additional sheets if necessary)

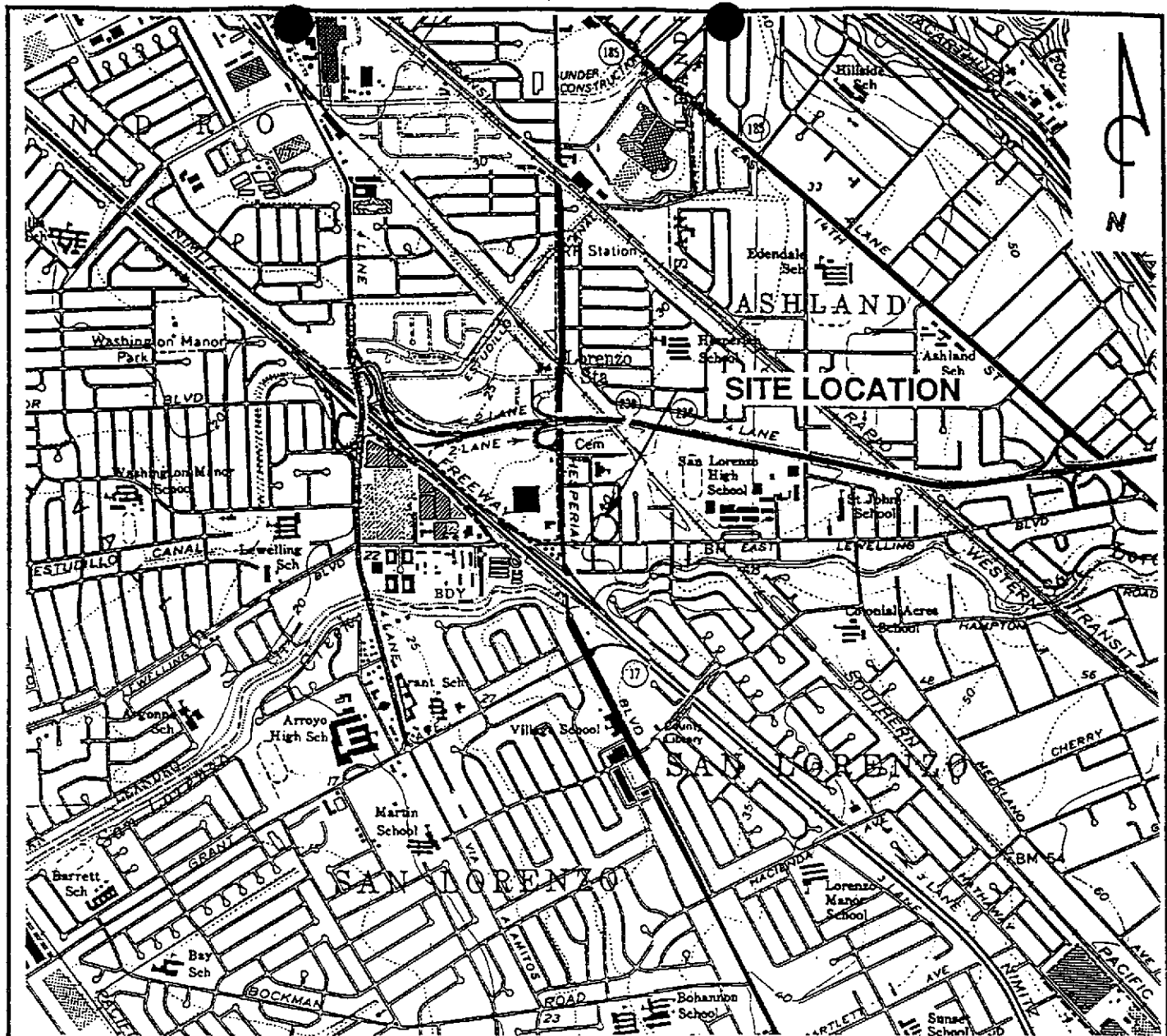
- a) Describe how the groundwater will be treated; (best available technology is required.
- b) Describe the efficiency of the treatment unit.
- c) Describe where and how it will connect to the District's sewer system.
- d) Emergency procedures/security provisions.

(See original permit application). Groundwater is treated by carbon

adsorption. There have been no changes to the groundwater extraction and  
treatment system since the original special discharge permit was issued.

2) Please attached a detailed drawing of the treatment system.

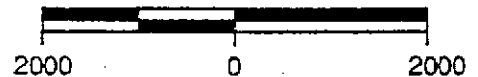




QUADRANGLE  
LOCATION

**REFERENCES:**  
 USGS 7.5 MIN. TOPOGRAPHIC MAP  
 TITLED: HAYWARD, CALIFORNIA  
 DATED: 1959 REVISED: 1980  
 TITLED: SAN LEANDRO, CALIFORNIA  
 DATED: 1959 REVISED: 1980

SCALE IN FEET



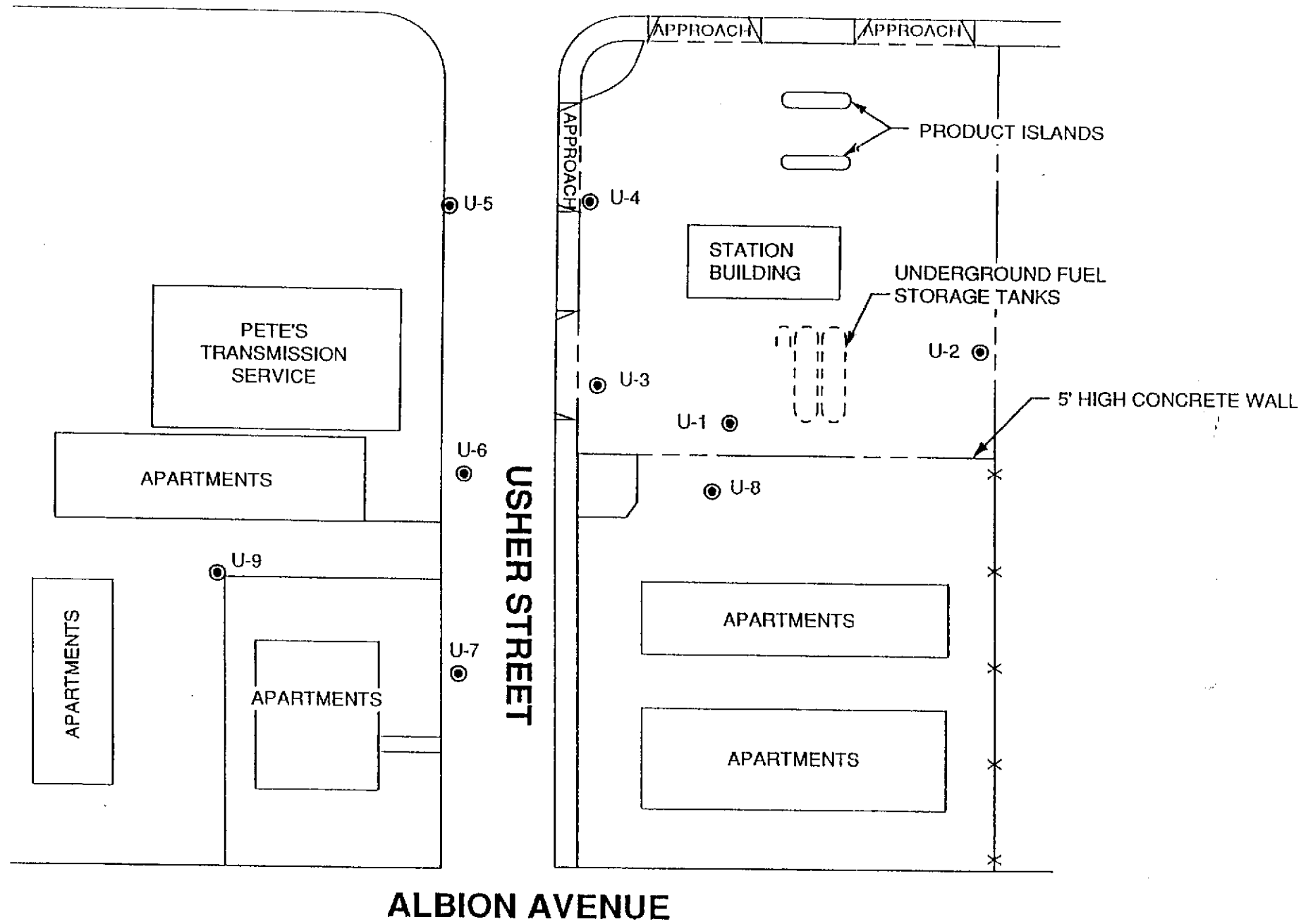
PACIFIC  
 ENVIRONMENTAL  
 GROUP, INC.

UNOCAL SERVICE STATION 5760  
 376 Lewelling Boulevard at Usher Street  
 San Lorenzo, California

SITE LOCATION MAP

FIGURE:  
 1  
 PROJECT:  
 310-058.5A

LEWELLING BOULEVARD

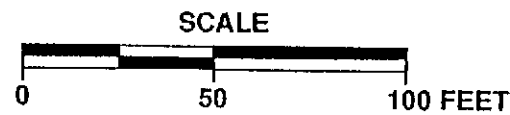


**LEGEND**  
 U-2 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION

ALBION AVENUE



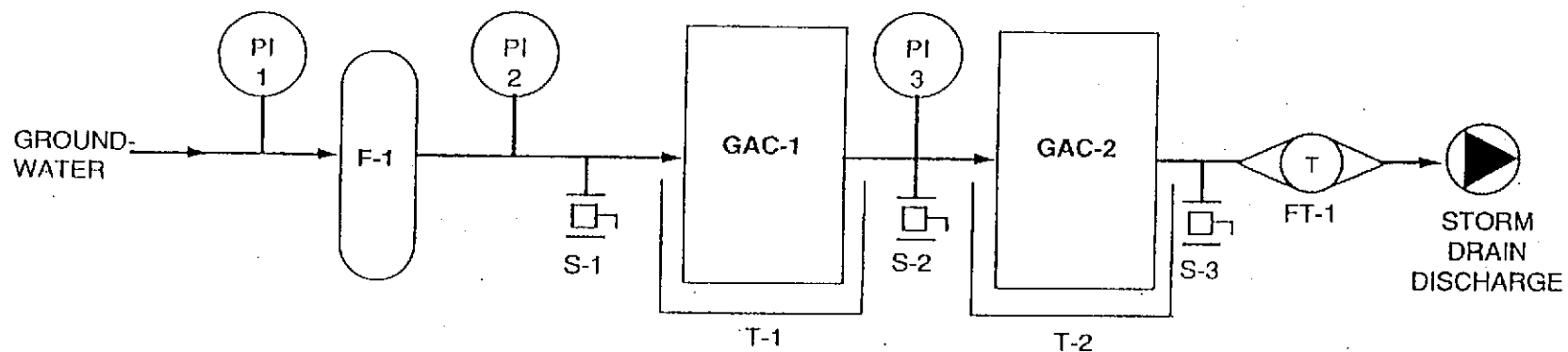
PACIFIC ENVIRONMENTAL GROUP, INC.



UNOCAL SERVICE STATION 5760  
 376 Lewelling Boulevard at Usher Street  
 San Lorenzo, California

SITE MAP

FIGURE:  
 2  
 PROJECT:  
 310-058.5A



**LEGEND**

- T-1 SECONDARY CONTAINMENT
- F-1 BAG FILTER
- FT-1 FLOW TOTALIZER
- PI PRESSURE INDICATOR
- S-1 SAMPLE LOCATION
- GAC-1 GRANULATED ACTIVATED CARBON UNIT



PACIFIC  
ENVIRONMENTAL  
GROUP, INC.

UNOCAL SERVICE STATION 5760  
376 Lewelling Boulevard at Usher Street  
San Lorenzo, California

GROUNDWATER EXTRACTION/TREATMENT SYSTEM  
PROCESS FLOW DIAGRAM

FIGURE:  
**3**  
PROJECT:  
310-058.5A

01-1594

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

|  |  |  |
|--|--|--|
| EMERGENCY<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | FOR LOCAL AGENCY USE ONLY<br>I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM. |
| REPORT DATE<br>0 2 0 1 9 6   | CASE #<br>012061   | SIGNED: _____ DATE: _____  |

|             |  |   |                                     |
|-------------|--|---|-------------------------------------|
| REPORTED BY | NAME OF INDIVIDUAL FILING REPORT<br><b>Barbara F. Todd</b>   | PHONE<br>(714) 572-7657                             | SIGNATURE<br><i>Barbara F. Todd</i> |
|             | REPRESENTING<br><input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD<br>OTHER <b>Richmond Terminal</b> | COMPANY OR AGENCY NAME<br><b>Unocal Corporation</b> |                                     |
|             | ADDRESS<br><b>2929 E. Imperial Hwy.</b><br>Brea California 92621   |   |                                     |

|                   |   |  |                         |
|-------------------|---|--|-------------------------|
| RESPONSIBLE PARTY | NAME<br><b>Unocal Corporation</b>                               | CONTACT PERSON<br><b>Dave Stannard</b> | PHONE<br>(510) 412-7647 |
|                   | ADDRESS<br><b>1300 Canal Blvd.</b><br>Richmond California 94804 |  |                         |

|               |  |                                     |                         |
|---------------|--|-------------------------------------|-------------------------|
| SITE LOCATION | FACILITY NAME (IF APPLICABLE)<br><b>Unocal Service Station #5760</b> | OPERATOR<br><b>Jagdish Moorjani</b> | PHONE<br>(510) 481-9260 |
|               | ADDRESS<br><b>376 Lewelling Blvd.</b><br>San Lorenzo Alameda 94580   |                                     |                         |

|                       |  |  |                         |
|-----------------------|--|--|-------------------------|
| IMPLEMENTING AGENCIES | LOCAL AGENCY<br><b>Alameda Co. Health Care Service</b> | CONTACT PERSON<br><b>Kevin Tinsley</b> | PHONE<br>(510) 567-6731 |
|                       | REGIONAL BOARD   |  | PHONE<br>( )            |

|                     |  |  |
|---------------------|--|--|
| SUBSTANCES INVOLVED | (1) <b>Petroleum Hydrocarbons (Gasoline)</b> | QUANTITY LOST (GALLONS)<br>/ <input checked="" type="checkbox"/> UNKNOWN |
|                     | (2)  | <input type="checkbox"/> UNKNOWN   |

|                     |   |   |
|---------------------|---|---|
| DISCOVERY/ABATEMENT | DATE DISCOVERED<br>0 2 0 1 9 6  | HOW DISCOVERED<br><input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> INVENTORY CONTROL <input checked="" type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS |
|                     | DATE DISCHARGE BEGAN<br>0 2 0 1 9 6   | METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)<br><input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING  |
|                     | HAS DISCHARGE BEEN STOPPED?<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 2 0 1 9 6 | <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE  |

|               |  |   |
|---------------|--|---|
| SOURCE/ CAUSE | SOURCE OF DISCHARGE<br><input type="checkbox"/> TANK LEAK <input type="checkbox"/> PIPING LEAK <input checked="" type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> OTHER | CAUSE(S)<br><input type="checkbox"/> OVERFILL <input type="checkbox"/> CORROSION <input type="checkbox"/> RUPTURE/FAILURE <input checked="" type="checkbox"/> SPILL <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER |
|---------------|--|---|

|           |  |
|-----------|--|
| CASE TYPE | CHECK ONE ONLY<br><input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED) |
|-----------|--|

|                |  |
|----------------|--|
| CURRENT STATUS | CHECK ONE ONLY<br><input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION<br><input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS<br><input type="checkbox"/> REMEDIATION PLAN <input checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY |
|----------------|--|

|                 |   |
|-----------------|---|
| REMEDIAL ACTION | CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)<br><input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)<br><input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS)<br><input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS)<br><input type="checkbox"/> OTHER (OT) |
|-----------------|---|

COMMENTS: **Hose connection broke loose while fuel delivery was in progress. Completely contained on Service Station Property. Driver estimates 25 to 30 gallons was spilled.**

## INSTRUCTIONS

### EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

### LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.5, a government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

### REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

### RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

### SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

### IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

### SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

### DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

### SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

### CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

### CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.  
Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.  
Preliminary Site Assessment Underway - implementation of workplan.  
Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.  
Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.  
Cleanup Underway - implementation of remediation plan.  
Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.  
Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

### REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.  
Containment Barrier - install vertical dike to block horizontal movement of contaminant.  
Excavate and Dispose - remove contaminated soil and dispose in approved site.  
Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).  
Remove Free Product - remove floating product from water table.  
Pump and Treat Groundwater - generally employed to remove dissolved contaminants.  
Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.  
Replace Supply - provide alternative water supply to affected parties.  
Treatment at Hookup - install water treatment devices at each dwelling or other place of use.  
Vacuum Extract - use pumps or blowers to draw air through soil.  
Vent Soil - bore holes in soil to allow volatilization of contaminants.  
No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

### DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
5. Owner/responsible party.



PACIFIC  
ENVIRONMENTAL  
GROUP, INC.

October 4, 1995  
Project 310-058.3B

Ms. Amy Leach  
Alameda County Health Care Services  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

Re: Schedule of Remedial Activities  
Unocal Service Station 5760  
376 Lewelling Boulevard at Usher Street  
San Ramon, California 94583

Dear Ms. Leach:

This letter has been prepared by Pacific Environmental Group, Inc. (PACIFIC) on behalf of Unocal Corporation to provide an updated schedule of remedial activities being performed at the site referenced above. A combination soil vapor extraction (SVE) and groundwater treatment (GWT) system was constructed at the site during September 1995. Start-up activities for the GWT system began on October 3, 1995. Start-up procedures required under GWT system discharge permit conditions (Oro Loma Sanitary District) are expected to be completed by October 13, 1995.

SVE system start-up and continuous GWT system operation are scheduled to begin on October 17, 1995. Upon receipt of laboratory analytical reports required under SVE air permit conditions, an SVE system source test report will be prepared and submitted. Completion of the source test report is scheduled for November 7, 1995. If this schedule is not acceptable or you have any questions, please call.

Sincerely,

**Pacific Environmental Group, Inc.**

Charles York  
Senior Staff Engineer

Andrew Lehane  
Project Engineer

95 OCT 10 PM 3:22

ENVIRONMENTAL  
PROTECTION

StId 1746

August 16, 1995

Tina Berry  
Unocal Corporation  
2000 Crow Canyon Place, Suite 400  
San Ramon CA 94583

Subject: Investigations at Unocal Service Station #5760 located  
at 376 Lewelling Blvd., San Lorenzo, CA

Dear Ms. Berry:

This office has recently reviewed the Addendum to Remedial Action Implementation Plan, dated July 27, 1995, for the subject site. The addendum proposes to install dewatering systems along with the soil vapor extraction (SVE) system at monitoring wells U-1 and U-3 and to use Oxygen Releasing Compound (ORC) to enhance natural biodegradation, if dissolved oxygen is found to be rate limiting in the baseline bioreclamation assessment. This office approves this addendum with the following additions/comments:

- o The site-specific feasibility study for SVE performed in August 1994 indicates a radius-of-influence for U-1 and U-3 at 11.0 feet and 20.5 feet, respectively. Mr. Giattino with PEG indicated during our telephone conversation on August 16th, that many parameters, including the addition of the dewatering systems, should improve the effectiveness of the SVE system. However, additional SVE wells or other alternatives may need to be considered if the system performance evaluation reveals that the SVE's radius-of-influence is not adequate to effectively remediate the area of contamination on-site.
- o Proposed location(s) of the ORC "socks" should be included with the results of the initial baseline bioreclamation assessment.
- o Mr. Giattino confirmed that monitoring wells U-1 and U-3 will still be used as groundwater sampling points.
- o Please be reminded that an "Interpretation/Evaluation of Results" section should be included with the remediation system performance evaluation and quarterly monitoring reports submitted to this office.

By copy of this letter, this office is notifying Alameda County Public Work Department that we have reviewed Pacific Environmental Group, Inc.'s design/construction plans, dated July 26, 1995, for the subject site and find the remediation design acceptable.

Berry/Unocal Corporation  
Re: 376 Lewelling Blvd., San Lorenzo  
August 16, 1995  
Page 2 of 2

Please contact me at (510)567-6755 if you have questions or comments.

Sincerely,

Amy Leech  
Hazardous Materials Specialist

c: Robert Giattino  
Pacific Environmental Group, Inc.  
2025 Gateway Place, suite 440  
San Jose CA 95110

Attn: Edward Callender (QIC 50502)  
Alameda County Public Works Dept.  
399 Elmhurst St Rm 141  
Hayward CA 94544

Acting Chief of Environmental Protection - FILE(ALL)



**Unocal Corporation**  
Diversified Businesses  
2000 Crow Canyon Place, Suite 400  
San Ramon, California 94583  
Telephone (510) 867-0760  
Facsimile (510) 277-2309



July 3, 1995

Ms. Amy Leech  
Alameda County Health Services Agency  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

Northern Region  
Corporate Environmental  
Remediation and Technology

SUBJECT: UNOCAL SS #5760  
376 Lewelling Blvd.  
San Lorenzo, California  
StID #1746

Dear Ms Leech:

Thank you for your letter of June 21, 1995 regarding the referenced case. I would like to respond to your itemized request for information:

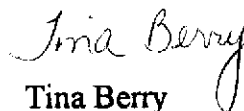
1. An addendum to our August 12, 1994 Remedial Action Plan discussing implementation of groundwater extraction and use of ORC will be submitted by July 24, 1995, as you requested.
2. A set of design/construction plans will be sent to your office by July 24, 1995 with the RAP addendum.
3. Results of the bioreclamation baseline assessment will be forwarded with the system start-up report which will be completed by September 30.
4. Please be advised that our procedures for quarterly groundwater monitoring and reporting do not allow for an "Evaluation of Results" section due to the nature of our contractual arrangement with MPDS Services, Inc. MPDS is used for monitoring, sampling and reporting purposes only. They do not have the authority to perform evaluation of groundwater monitoring results. That is the responsibility of our lead consultant, in this case, Pacific Environmental Group, Inc. (PEG). Should anything of significance need to be addressed, it will be documented under separate cover by PEG.

5. UNOCAL does not plan to install an additional well downgradient of U-9 at this time. Characterization of the TPHg levels will likely be confirmed as MTBE and if so, UNOCAL will consider themselves to be sufficiently delineated. Confirmation of the presence of MTBE will be issued with the third quarter groundwater monitoring report.

Should results indicate that an additional downgradient well is warranted, then Unocal will evaluate well placement options (if any) and appropriately submit a work plan for your review.

If you should like to meet with me at either of our offices or at the project site to further discuss this case, I would be most happy to do so. Please feel free to call anytime if you have questions or comments concerning this project. I can be reached at 510-277-2321.

Sincerely,



Tina Berry  
Project Manager

c: File, SS#5760  
Robert Giattino, Andrew Lehane, PEG

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RÁFAT A. SHAHID, DIRECTOR

June 21, 1995

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700

Tina Berry  
Unocal Corporation  
2000 Crow Canyon Place, Suite 400  
San Ramon CA 94583

StId 1746

Subject: Investigations at Unocal Service Station #5760 located  
at 376 Lewelling Blvd., San Lorenzo, CA

Dear Ms. Berry:

This office has recently reviewed the Quarterly Summary Report for First Quarter 1995, dated April 26, 1995, submitted by Pacific Environmental Group, Inc. (Pacific). In addition, we are in receipt of a revision of the implementation schedule, dated May 15, 1995, for the Remedial Action Implementation Plan for the subject site. Based on review of recent reports and my conversation with Robert Giattino of Pacific on June 6, 1995, this office needs the following information for review and/or approval:

1. An addendum to the Remedial Action Implementation Plan, dated August 12, 1994, which includes all new revisions. It is my understanding that Pacific has changed the implementation strategy to include a groundwater extraction system and augmentation of dissolved oxygen to the groundwater using Oxygen Releasing Compound (ORC).
2. A set of design/construction plans for the remediation systems. It would be acceptable if item number one above is included with the submittal of the design/construction plans.
3. Results of the initial baseline bioreclamation assessment as proposed in the Remedial Action Implementation Plan. Per my conversation with Mr. Giattino, this assessment is still pending.
4. An addendum to the First Quarter 1995 groundwater monitoring report that includes the chromatogram and an "Evaluation of Results" section which addresses contaminant identification from samples collected at monitoring well MW9 (a.k.a. U-9). Results submitted in the First Quarter 1995 groundwater monitoring report were not clear in regard to additional analyses performed for samples collected from monitoring well MW9/U-9. As stated in our letter to you dated February 22, 1995, an "Evaluation of Results" section should be included with all monitoring reports you submit to this office.

Berry/Unocal Corp.  
376 Lewelling Blvd.  
June 21, 1995  
Page 2 of 2

5. Submit a work plan to delineate the extent of hydrocarbon contamination downgradient of monitoring well MW9/U-9.

The above information is due to this office **no later than July 24, 1995**. Please contact me at (510)567-6755 if you have questions or comments.

Sincerely,



Amy Leech  
Hazardous Materials Specialist

c: Robert Giattino and Andrew Lehane  
Pacific Environmental Group, Inc.  
2025 Gateway Place, Suite 440  
San Jose, CA 95110

Acting Chief of Environmental Protection - File(ALL).



PACIFIC ENVIRONMENTAL GROUP, INC.

FACSIMILE TRANSMITTAL

DATE: May 2, 1995 PROJECT #: 310-058.3B

TO: Ms. Amy Leech FAX: (510) 337-9335

Alameda County Health Care Service Agency

FROM: Jason Nutt

IF YOU HAVE ANY PROBLEMS RECEIVING THIS FACSIMILE, PLEASE CALL (408) 441-7500

SHEETS TO FOLLOW COVER PAGE

1

COMMENTS:

Amy -- Following is the November 11, 1994 letter stating PACIFIC's intent to begin design of the soil and groundwater remediation system.

If you have any further questions, please feel free to call.

StId 1746

February 22, 1995

Tina Berry  
Unocal Corporation  
2000 Crow Canyon Place, Suite 400  
San Ramon, CA 94583

Subject: Investigations at Unocal Service Station 5760 located  
at 376 Lewelling Blvd., San Lorenzo, CA

Dear Ms. Berry:

This office has recently reviewed the Quarterly Summary Report for Fourth Quarter 1994, dated January 9, 1995, submitted by Pacific Environmental Group, Inc. (Pacific). We are, also, in receipt of Pacific's letter to you, dated February 1, 1995, with the attached revised implementation schedule for the Remedial Action Implementation Plan.

It appears that the extent of ground water contamination emanating from the subject site has yet to be delineated in the downgradient direction. The TPHg analyses of ground water samples taken from monitoring wells U-6 and U-9, the two most downgradient wells, have been consistently reported with ambiguous results (i.e. gasoline and non-gasoline mixture, not gasoline, or not indicative of gasoline). You are required to complete additional tests to further identify the constituents in the groundwater collected from U-6 and U-9. These analyses can be reported to this office by including the results in the First or Second Quarterly Monitoring Report for 1995. If these constituents are determined to be attributable to the site, then additional groundwater investigations will be required downgradient from U-9 to determine the extent of the contaminant plume.

As required by the California Code of Regulations, Title 23, please include an "Evaluation of Results" section in subsequent monitoring reports you submit to this office. We look forward to receiving the results and monitoring reports for the remedial system installation by June 1995.

If you have questions or comments, please call me at (510)567-6755.

Sincerely,

Amy Leech  
Hazardous Materials Specialist

Berry

Re: 376 Lewelling Blvd.

May 2, 1995

Page 2 of 2

cc: Robert Giattino  
Pacific Environmental Group, Inc.  
2025 Gateway Place, Suite 440  
San Jose, CA 95110

Ed Howell - files(ALL)

Call Pacific

Notes to file - 2/1/95:

Reviewed 4th-94 and 1st-95 quarterly monitoring reports

Reviewed case including:

- letter dated 6/20/94 from Pacific
- letter dated 8/20/94 from ALCO
- response from Pacific dated 9/27/94 to ALCO's letter dated 8/20

Talk to Juliet about:

1. Was response from Pacific adequate to go ahead with SVE and bioenhancement? Was SVE Feasibility Study adequate? Pacific stated they plan to implement remediation of soil and dissolved product SECOND QUARTER 1995 -- too long, why the wait? Seems to go along w/approved schedule.

letter

→ Add'l tests to figure out <sup>constituents in</sup> U-6 & 9

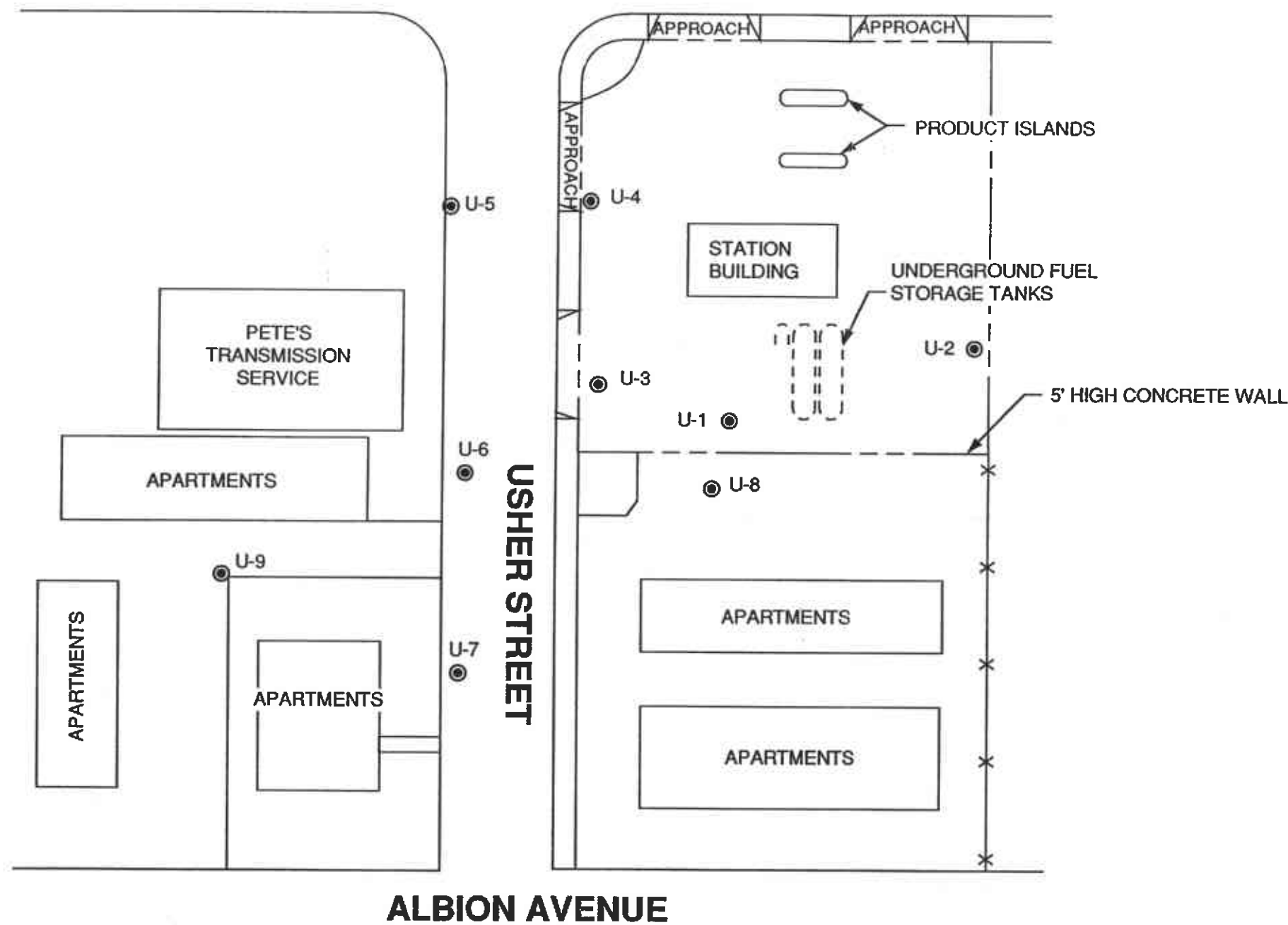
→ See Comments on Pacific's letter dtd 9/27/94..

- They need to include an "interpretation of results" section.
- They need to determine (id) constituents in U6 & 9. Is it weathered gas etc from UNICAL or something else.
- If we determine it is w/in Unical's plume then a downgradient well needs to be installed.
- Read up on Q+A for #6 - how much Pacific verifies or report biodegradation analysis
- See Task 2 of the RAP

(This was addressed in the RAP)



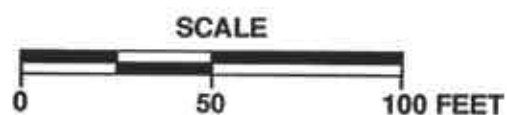
LEWELLING BOULEVARD



**LEGEND**  
 U-2 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION



PACIFIC ENVIRONMENTAL GROUP, INC.



UNOCAL SERVICE STATION 5760  
376 Lewelling Boulevard at Usher Street  
San Lorenzo, California

SITE MAP

FIGURE:  
2  
PROJECT:  
310-058.3B



PACIFIC  
ENVIRONMENTAL  
GROUP, INC.

RECEIVED  
11/15/94  
94 NOV 15 11:46 AM

November 11, 1994  
Project 310-058.5A

STID 1746

Ms. Juliet Shin  
Alameda County Health Care Services  
Department of Environmental Health Care Services  
80 Swan Way, Room 200  
Oakland, California 94621

Re: Implementation of Remedial Action  
Unocal Service Station 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Dear Ms. Shin:

This letter, prepared by Pacific Environmental Group, Inc. (PACIFIC) on behalf of Unocal Corporation, presents notification concerning the implementation of remedial action as described in the *Remedial Action Implementation Plan* (implementation plan) dated September 27, 1994.

If you have any further questions please feel free to call.

Sincerely,

**Pacific Environmental Group, Inc.**

Jason Nutt  
Staff Engineer

cc: Ms. Tina Berry, Unocal Corporation

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

August 24, 1994

Ms. Tina Berry  
Unocal Corporation  
2000 Crow Canyon Place, Ste 400  
San Ramon, CA 94583

*Alameda County CC 4580  
Health Care Services Agency  
Dept. Of Environmental Health  
1131 Harbor Bay Pkwy 2nd Flr.  
Alameda, CA 94502-6577*

STID 1746

RE: RAP for Unocal Service Station #5760, located at 376  
Lewelling Blvd., San Lorenzo, California

Dear Ms. Berry,

This office has reviewed Pacific Environmental Group's (Pacific) Remedial Action Implementation Plan, dated August 12, 1994. Per my conversations with Joseph Muzzio and Robert L. Giattino, Pacific, this office is requesting the following additional pieces of information:

- o The RAP mentions that remediation design specifications will be prepared, however, the Implementation Schedule does not state that copies of the design specifications will be submitted to this office for review. Design specifications, including the selected locations of air and fertilizer injections, screen intervals, etc., should be submitted to this office for review before implementing this work.
- o Additionally, Pacific states that a quarterly performance evaluation of the proposed remediation system will be submitted to this office. This evaluation shall describe and justify the flow rates, decay constants and models, etc. chosen and elaborate on the conclusions as to the effectiveness of the selected remediation systems. Per my conversation with Mr. Giattino, I expressed the County's concerns regarding the common problems associated with VES systems, such as preferential air flow paths, and deceptively low contaminant concentrations. Low concentrations may not be reflective of the success of the remediation, but rather the result of preferential air flow or continued pumping, which, once shut down, will be open to further leaching of contaminants and a rise in concentrations. The referenced quarterly performance evaluation should address these concerns.

Ms. Tina Berry  
Re: 376 Lewelling Blvd.  
August 24, 1994  
Page 2 of 3

- o The RAP should address how the proposed VES and bioremediation will remediate the area of the plume outside the proposed VES's radius of influence (estimated to be 45 feet). This information may be submitted with the design details. Per my conversation with Mr. Giattino, it is the understanding of this office that the anticipated air and fertilizer injection locations are **intended** to address the whole extent of the plume, as far down as the most downgradient well, Well U-9.
- o This office is concerned that the proposed air and fertilizer injection may induce or expedite plume migration. Please submit information that would assure this office that these negative ramifications would not result from the proposed injection.
- o Based on the fact that the most downgradient well, Well U-9, is consistently identifying elevated levels of contaminants, and that no downgradient "zero or nondetect line" has been defined for this plume, this office feels that an additional well, representing the "nondetect line", is required downgradient of Well U-9. Monitoring of this well, which would presumably identify very low to nondetect levels of contaminants prior to injection operations, would confirm whether plume migration is being enhanced by these air and fertilizer injections. Furthermore, this additional well could serve the purpose of complying with Article 11 Title 23 California Code of Regulations, which requires the definition of the extent and severity of soil and ground water contamination. Although Pacific stated in its June 20, 1994 letter that the biodegradation rate at the plume edge is great enough to inhibit further lateral migration, it is unclear to this office just how much area this plume has **already** impacted, and how we can be assured of the suggested inhibited migration.
- o Page 2 of the plan states that biodegradation appears to be occurring beneath the site, based on a vapor sample that identified 15 percent oxygen and 6 percent carbon dioxide. This office is requesting that this statement be elaborated on and justified. This can be done by the submittal of references and literature substantiating this assumption.

Ms. Tina Berry  
Re: 376 Lewelling Blvd.  
August 24, 1994  
Page 3 of 3

Please address the above additional requests/requirements. If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Robert L. Giattino  
Pacific Environmental Group, Inc.  
2025 Gateway Place, Ste 440  
San Jose, CA 95110

Joseph Muzzio  
Pacific Environmental Group, Inc.  
2025 Gateway Place, Ste 440  
San Jose, CA 95110

Edgar Howell



PACIFIC  
ENVIRONMENTAL  
GROUP INC.

ALCO  
HAZMAT  
94 JUN 21 PM 3:29

June 20, 1994  
Project 310-058.3A

Ms. Juliet Shin  
Alameda County Health Care Services Agency  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94621

Re: Unocal Service Station 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Dear Ms. Shin:

Recently, Unocal Corporation (Unocal) retained Pacific Environmental Group, Inc. (PACIFIC) to provide remediation services for the referenced site. As a first step, PACIFIC reviewed the site assessment data, the remedial action plan (RAP) dated April 21, 1994 prepared by GeoStrategies, Inc. (GeoStrategies), and your letter response dated May 18, 1994 regarding the RAP. The purpose of this letter is to introduce you to PACIFIC, respond on behalf of Unocal to your comments made in the aforementioned letter, and submit a 1994 schedule estimate for remediation.

With respect to your comments, the approach proposed by PACIFIC is somewhat different than that proposed by GeoStrategies; therefore, only comments that are not approach-specific are addressed herein.

#### **PROPOSED REMEDIATION APPROACH**

Regarding the RAP submitted by GeoStrategies, PACIFIC has reviewed the proposed approach and determined some refinement is appropriate. PACIFIC is proposing to pursue the approach outlined below.

1. Quarterly groundwater monitoring.
2. Short term soil vapor extraction (SVE) from Well U-1, for bulk hydrocarbon mass removal.

3. Identification of specific hydrocarbon compounds found in Well U-9.
4. Biodegradation assessment; mapping dissolved  $O_2$ ,  $CO_2$ ,  $NO_2^-$ ,  $NO_3^-$ ; document  $O_2/CO_2$  in soil vapor before and after SVE.
5. Introduction of  $O_2$  into the subsurface; if necessary, introduce nitrogen.

PACIFIC suggests that the outlined approach is the most feasible for achieving the site-specific remedial objectives, and is consistent with the general response actions identified for the site. PACIFIC has determined the site-specific remedial objectives are: (1) restore the quality of groundwater located within the dissolved hydrocarbon plume boundary, (2) protect beneficial groundwater uses associated with groundwater outside the dissolved hydrocarbon plume boundary, and (3) eliminate possibility of exposure to, or use of, impacted groundwater. Objective 1 is concerned with restoring the beneficial groundwater use, existing or probable future use, that is associated with the most stringent water quality goals. Objective 2 addresses protection of background groundwater quality in the area and Objective 3 considers public health and safety.

To address the remedial objectives, PACIFIC identified the following general response actions:

1. Hydrocarbon mass reduction (focused on the former primary source location).
2. Dissolved hydrocarbon plume management.

The proposed remedial approach is linked to the general response actions as follows:

- o Hydrocarbon mass reduction will be accomplished using a combination of SVE and biodegradation enhancement. Initially, SVE will be used to remove residual separate-phase hydrocarbons from the capillary fringe. Additionally, SVE will increase the magnitude of the vapor-phase hydrocarbon concentration gradient that extends from the groundwater surface. Increasing the magnitude of the concentration gradient will increase the hydrocarbon diffusion rate into the soil vapor flow stream. This in turn will increase the rate at which hydrocarbons leave the aqueous phase.

Once the use of SVE has been maximized, biodegradation will be relied upon to complete water quality restoration. Additionally,

biodegradation will be relied upon to address downgradient capillary fringe impact. To enhance biodegradation, the availability of subsurface oxygen will be increased by using one or a combination of the following: hydrogen peroxide injection, or low flow injection of air. A biodegradation assessment (an element of the proposed remedial approach) will be completed as a first step towards enhancing the biodegradation rate.

- o Dissolved hydrocarbon plume management will be accomplished via groundwater monitoring, and institutional controls. PACIFIC determined that the dissolved hydrocarbon plume is relatively stable, and that hydraulic control would not benefit the existing situation. Migration potential is discussed below as a general response to your comments.

The remedial approach discussed above will be detailed in an implementation work plan.

#### **RESPONSE TO LETTER DATED MAY 18, 1994**

As inferred by the general response actions, PACIFIC deemed that protection of groundwater outside the dissolved hydrocarbon plume is not warranted at this time. This is because the dissolved hydrocarbon migration potential does not appear to be significant. Justification of this position is outlined below.

Using pump test data presented by GeoStrategies in a report dated March 7, 1994, a mean hydraulic conductivity and standard deviation were calculated. Applying the calculated hydraulic conductivity (mean conductivity plus one standard deviation) and range of hydraulic gradients identified at the site (0.002 to 0.006), a range of groundwater discharge velocities was calculated (0.12 to 0.36 feet per day). The groundwater flow direction, based on monitoring data, is observed to be to the southwest.

Assuming the velocity of a dissolved hydrocarbon slug is equal to the groundwater discharge velocity (no retardation or attenuation of hydrocarbon mass flow), and assuming a specific dissolved hydrocarbon slug left the area intercepted by Wells U-1 and U-3 at the time the subsurface tanks were removed (2,164 days before field data was collected on December 2, 1993), the lateral extent of the dissolved plume was estimated. It was estimated that the dissolved hydrocarbon slug would have traveled between 260 and 780 feet to the southwest. Next, the existing lateral extent of dissolved hydrocarbons to the southwest of Wells U-1 and U-3 was estimated.



Utilizing field data for Wells U-3, U-6, and U-9, the association between dissolved hydrocarbon concentration and downgradient distance was determined (this assumes dissolved hydrocarbons found in Well U-9 are associated with the plume identified through observations at Wells U-3, and U-6; to date, this has not been substantiated). The association was exponential, with a correlation of -0.95. Based on the exponential association, it was determined that the lateral extent of dissolved hydrocarbons should be 255 feet southwest of Well U-3.

The estimations presented above are consistent with each other only if the minimum discharge velocity is considered and it is assumed hydrocarbons entered groundwater in December 1987; however, it is likely hydrocarbons entered the groundwater before December 1987 and that the groundwater velocity was greater than 0.12 feet per day for some portion of the time period considered. This means that the dissolved hydrocarbon plume boundary, as estimated using concentration versus distance data, should have been farther from Well U-3 than data indicates. The possibility that hydrocarbon mass entered groundwater at a point after 1987 was considered. Two possibilities were evaluated: (1) a new primary source developed, or (2) precipitation or a rise in groundwater elevation leached hydrocarbons from affected soil. Product reconciliation and tank testing results infer Possibility 1 is not valid. The lack of precipitation over the considered time period, and the fact the site is capped suggests Possibility 2 is without merit. Finally, groundwater elevation fluctuations beneath the site are relatively small.

Based on the above treatment, PACIFIC concluded that natural attenuation mechanisms (those discounted in using the groundwater discharge velocity to estimate the lateral extent to the southwest) are acting to stabilize the dissolved hydrocarbon plume. PACIFIC suggests that while the dissolved hydrocarbon plume is dynamic in nature, the biodegradation rate at the plume edge is great enough to inhibit further lateral migration. This situation will be further examined as part of the biodegradation assessment proposed as an element of the remedial approach.

Regarding your request for more information concerning the removal of the subsurface tanks, to our knowledge no further data exists.

#### **SCHEDULE**

A implementation work plan will be submitted to you by August 15, 1994. In the mean time, a 5-day SVE test will be performed to provide data for preparation of the work plan. The work plan will contain an implementation schedule estimate that will further detail the implementation timeline.

June 20, 1994

Page 5

If you have any questions or comments regarding this letter please call.

Sincerely,

**Pacific Environmental Group, Inc.**

A handwritten signature in cursive script, appearing to read "R. L. Giattino".

Robert L. Giattino  
Project Engineer

cc: Ms. Tina Berry, Unocal Corporation

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

May 18, 1994

Ms. Tina Berry  
Unocal Corporation  
2000 Crow Canyon Place, Ste 400  
San Ramon, CA 94583

STID 1746

Re: Investigations at Unocal Service Station No. 5760, located  
at 376 Lewelling Blvd., San Lorenzo, California

Dear Ms. Berry,

This office has reviewed GeoStrategies' Remedial Action Plan, dated April 21, 1994. GeoStrategies has proposed bioremediation as an option for soil and ground water remediation at the site, and it is the understanding of this office that a bioremediation field pilot test will be conducted. One concern this office has is that extraction from the proposed Recovery Well, RW-1, will most likely encourage the free product and elevated levels of TPHg and BTEX identified in upgradient Well U-1, to migrate further downgradient and off site, during the bioremediation pilot test. Additionally, if it is decided to implement the bioremediation plan at the site, GeoStrategies proposes that they install a well downgradient of the plume, presumably off site, and pump from this well. This activity would expedite the migration of the ground water contaminant plume off site, and would therefore not be acceptable to this office as an effective remedial solution.

Per Article 11, Title 23 California Code of Regulations, one of the more immediate requirements at the site is to abate further migration of the observed contaminant plume and remove any free product. It would appear that the proposed bioremediation method would exacerbate the contaminant plume rather than abating it. However, based on aquifer tests conducted out at the site and the resulting extrapolated capture zone, it appears that the soil types in the area of the site are amenable to ground water extraction. If this is the case, perhaps the proposed bioculture could be applied off site and drawn back on site by an on-site extraction well. Then there wouldn't be the fear of drawing the plume further off site, and you could possibly establish the required containment measures for the ground water contaminant plume.

Ms. Tina Berry  
Re: 376 Lewelling Blvd.  
May 18, 1994  
Page 2 of 3

It is the understanding of this office that a vapor extraction test will be conducted out at the site to assess the feasibility of employing this remediation system to the site. Based on the results, a vapor extraction system may also be a viable option for remediation. It appears that soil contamination could be limited to a sand layer located from approximately 20 to 25 feet below ground surface, which is also the saturated zone containing the currently monitored ground water aquifer. Soil samples collected from above 20 feet below ground surface from the various monitoring wells have essentially been Non Detect. However, a soil sample collected from Well MW-3 at 20 feet below ground surface (the soil/water interface), identified 640 ppm TPHg.

If a work plan is submitted for a bioremediation method, then please be reminded to include case studies documenting the success of this system at other sites. Additionally, unless the proposed bioremediation system can contain and remove the free product observed in Well U-1, you will be required to propose other interim remediation measures to remove this free product.

Although GeoStrategies' report states that the contaminant concentrations identified in Well U-9 is the result of off-site sources, not enough evidence has been presented to this office yet to indicate that this is the case. Therefore, any remediation/containment measures proposed or implemented must address the contamination observed in Well U-9, until it can be shown that these contaminants are resulting from off site.

The extent of soil contamination along the capillary fringe is assumed to extend as far as the ground water contaminant plume. Soil samples from well locations U-5 through U-9 were never collected from the soil/water interface, located at approximately 20 feet below ground surface, so it is unclear how much and at what concentrations soil contamination exists in the capillary fringe throughout the site and off site. Any future soil remediation systems must address the whole area of the impacted capillary fringe.

GeoStrategies' report states that "vadose soil containing gasoline range hydrocarbons has been excavated from beneath the former gasoline USTs (approximately 13 feet bgs) to ground water (approximately 18 to 20 feet bgs)". This office has no records or reports documenting any soil samples collected from the tank pit during tank replacement in 1987 or 1988, nor any subsequent overexcavation activities or confirmatory soil sampling. The

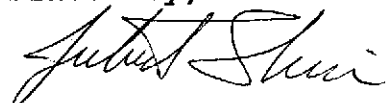
Ms. Tina Berry  
Re: 376 Lewelling Blvd.  
May 18, 1994  
Page 3 of 3

earliest report in our files, is a Woodward-Clyde Report, dated March 25, 1988, that documents the installation of Well U-1. Please submit any information you have on tank replacement activities, sampling, and overexcavation **within 30 days** of the date of this letter.

You are required to submit a **detailed** timetable for scheduled work events, which addresses Unocal's intentions for containing/remediating the site and incorporates the above comments, **within 30 days** of the date of this letter.

If you have any questions or comments, please contact me at (510) 271-4530.

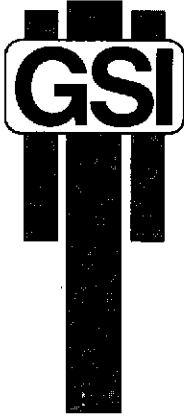
Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Cliff Garratt  
GeoStrategies, Inc.  
6747 Sierra Court  
Dublin, CA 94568

Edgar Howell-File(JS)



GeoStrategies Inc.

---

March 11, 1994

Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94521

ALCO  
HAZMAT  
94 MAR 14 PM 2:52

Attention: Ms. Pamela Evans

Reference: **UNOCAL Service Station No. 5760**  
376 Lewelling Boulevard  
San Lorenzo, California

Ms. Evans:

As requested by Ms. Tina Berry of the UNOCAL Corporation, we are forwarding a copy of the Aquifer Test Report dated March 7, 1994 for the above referenced location. This report presents the results and analysis of aquifer tests performed in February, 1994.

If you have questions or comments, please call.

GeoStrategies Inc. by,

*Robert C. Mullony*  
For  
Cliff M. Garratt  
Project Manager

enclosure

cc: Ms. Tina Berry, UNOCAL Corporation  
Mr. Richard Hiatt, RWQCB - San Francisco Bay Region

809final.wp



**GeoStrategies Inc.**

---

January 20, 1994

Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94521

Attention: Ms. Pamela Evans

Reference: **UNOCAL Service Station No. 5760**  
**376 Lewelling Boulevard**  
San Lorenzo, California

Ms. Evans:

Enclosed is an amended project time line for the above referenced site. The time line has been moved back approximately three weeks due to an unforeseen delay in scheduling the aquifer test.

If you have questions or comments, please call.

**GeoStrategies Inc. by,**

A handwritten signature in black ink that reads "Robert C. Mallory". The signature is written in a cursive, flowing style.

Robert C. Mallory  
Geologist

enclosure

cc: Ms. Tina Berry, UNOCAL Corporation

:809tmln.wp

ALCO  
HAZMAT  
94 JAN 24 PM 2:21

GeoStrategies Inc.  
 6747 Sierra Court, Suite G  
 Dublin, California 94568  
 Project No. 7809

UNOCAL Service Station No. 5760  
 376 Lewelling Boulevard  
 Oakland, California

January 20, 1994

| PROJECT TIME LINE             |      |                  |      |      |      |                  |      |      |      |                   |     |      |      |                 |     |      |      |               |     |      |      |
|-------------------------------|------|------------------|------|------|------|------------------|------|------|------|-------------------|-----|------|------|-----------------|-----|------|------|---------------|-----|------|------|
| ACTIVITY                      | Jan. | Week ending Feb. |      |      |      | Week ending Mar. |      |      |      | Week ending April |     |      |      | Week ending May |     |      |      | Wk. end. June |     |      |      |
|                               | 1/28 | 2/4              | 2/11 | 2/18 | 2/25 | 3/4              | 3/11 | 3/18 | 3/25 | 4/1               | 4/8 | 4/15 | 4/22 | 4/29            | 5/6 | 5/13 | 5/20 | 5/27          | 6/3 | 6/10 | 6/17 |
| Aquifer Test                  |      |                  |      |      |      |                  |      |      |      |                   |     |      |      |                 |     |      |      |               |     |      |      |
| Data Evaluation and Reporting |      |                  |      |      |      |                  |      |      |      |                   |     |      |      |                 |     |      |      |               |     |      |      |
| Remedial Action Plan (RAP)    |      |                  |      |      |      |                  |      |      |      |                   |     |      |      |                 |     |      |      |               |     |      |      |
| Remedial System Design        |      |                  |      |      |      |                  |      |      |      |                   |     |      |      |                 |     |      |      |               |     |      |      |

The following assumptions have been used in preparing the Project Time Line shown above:

1. Approval of Work Plans within 30 days of being submitted to ACHA.
2. Approval of RAP within 30 days of being submitted to ACHA.
3. The contamination reported in Well U-9 is not associated with the UNOCAL site.



ALCO  
HAZMAT

93 DEC 13 AM 11:24



**GeoStrategies Inc.**

---

December 9, 1993

Ms. Juliet Shin  
Alameda County Health Care Services Agency  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94621

Reference: UNOCAL Service Station No. 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Ms. Shin:

GeoStrategies Inc. (GSI), at the request of Ms. Tina Berry of UNOCAL, has prepared the enclosed Remediation Time Line (RTL) in compliance with your letter dated November 16, 1993. The RTL presents tentative completion dates for anticipated work through the system design.

GSI has also enclosed a copy of the Chain-of-Custody that was not included in your copy of the Quarterly Monitoring Report, dated September 30, 1993.

809rtl.ltr

**GeoStrategies Inc.**

Alameda County Health Care Services Agency  
December 9, 1993  
Page 2

If you have questions or comments, please call me at (510) 551-7444 ext.  
284.

GeoStrategies Inc. by,



Cliff M. Garrett  
Project Manager

Enclosure

cc: Ms. Tina Berry, UNOCAL Corporation  
Mr. Richard Hiatt, RWQCB - San Francisco Bay Region

GeoStrategies Inc.  
 6747 Sierra Court, Suite G  
 Dublin, California 94568  
 Project No. 7809

UNOCAL Service Station No. 5760  
 376 Lewelling Boulevard  
 Oakland, California

December 3, 1993

| PROJECT TIME LINE             |                  |      |      |      |                  |      |      |      |                  |      |      |      |                  |     |      |      |                 |     |      |      |
|-------------------------------|------------------|------|------|------|------------------|------|------|------|------------------|------|------|------|------------------|-----|------|------|-----------------|-----|------|------|
| ACTIVITY                      | Week ending Jan. |      |      |      | Week ending Feb. |      |      |      | Week ending Mar. |      |      |      | Week ending Apr. |     |      |      | Week ending May |     |      |      |
|                               | 1/7              | 1/14 | 1/21 | 1/28 | 2/4              | 2/11 | 2/18 | 2/25 | 3/4              | 3/11 | 3/18 | 3/25 | 4/1              | 4/8 | 4/15 | 4/22 | 4/29            | 5/6 | 5/13 | 5/20 |
| Aquifer Test                  |                  |      |      |      |                  |      |      |      |                  |      |      |      |                  |     |      |      |                 |     |      |      |
| Data Evaluation and Reporting |                  |      |      |      |                  |      |      |      |                  |      |      |      |                  |     |      |      |                 |     |      |      |
| Remedial Action Plan (RAP)    |                  |      |      |      |                  |      |      |      |                  |      |      |      |                  |     |      |      |                 |     |      |      |
| Remedial System Design        |                  |      |      |      |                  |      |      |      |                  |      |      |      |                  |     |      |      |                 |     |      |      |

The following assumptions have been used in preparing the Project Time Line shown above:

1. Approval of Work Plans within 30 days of being submitted to ACHA.
2. Approval of RAP within 30 days of being submitted to ACHA.
3. The contamination reported in Well U-9 is not associated with the UNOCAL site.

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

November 16, 1993

Ms. Tina Berry  
Unocal Corporation  
2000 Crow Canyon Place, Ste 400  
San Ramon, CA 94583

STID 1746

Re: Work plan for 376 Lewelling Blvd., San Lorenzo, California

Dear Ms. Berry,

This office has reviewed GeoStrategies' workplan, dated October 29, 1993, for an aquifer test at the above site. This workplan is acceptable to this office. Please submit an estimated timetable, within 30 days of the date of this letter, for this work and subsequent investigations/remediation at the site.

Lastly, the recently submitted Quarterly Ground water Monitoring Report, dated September 30, 1993, did not contain a Chain-of-Custody form with the lab analysis results. Please submit a copy of this form for our files.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

Juliet Shin  
Hazardous Materials Specialist

cc: Cliff Garratt  
GeoStrategies Inc.  
2140 West Winton Ave.  
Hayward, CA 94545

Edgar Howell-File(JS)

Gettler - Ryan Inc.

9309126

18

13:10 B

5259 Chain of Custody

ENVIRONMENTAL DIVISION

COMPANY

Unocal #5760

JOB NO.

JOB LOCATION

376 Lemelling Blvd

CITY

San Lorenzo CA

PHONE NO.

AUTHORIZED

Tom Paulson

DATE

9-9-93

P.O. NO.

9809-80

| SAMPLE ID | NO. OF CONTAINERS | SAMPLE MATRIX | DATE/TIME SAMPLED | ANALYSIS REQUIRED | SAMPLE CONDITION LAB ID |
|-----------|-------------------|---------------|-------------------|-------------------|-------------------------|
| U-1       | 3                 | Liquid        | 9-9-93 / 13:29    | THC (Cont) BWA    | 1                       |
| U-2       | ↓                 | ↓             | 11:00             | ↓                 | 2                       |
| U-3       |                   |               | 13:08             |                   | 3                       |
| U-4       |                   |               | 10:37             |                   | 4                       |
| U-5       |                   |               | 11:24             |                   | 5                       |
| U-6       |                   |               | 12:29             |                   | 6                       |
| U-7       |                   |               | 12:02             |                   | 7                       |
| U-8       |                   |               | 12:47             |                   | 8                       |
| U-9       |                   |               | 12:42             |                   | 9                       |
| TB        |                   |               | 2                 |                   |                         |

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY LAB:

DESIGNATED LABORATORY:

Anametric

DHS #:

REMARKS:

Normal TAT

DATE COMPLETED

9-9-93

FOREMAN

K. Line

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

September 3, 1993

Ms. Tina Berry  
Unocal Corporation  
2000 Crow Canyon Place, Ste 400  
San Ramon, CA 94583

STID 1746

Re: Investigations at 376 Lewelling Blvd., San Lorenzo,  
California

Dear Ms. Berry,

This office has received and reviewed GeoStrategies' <sup>report</sup> work plan, dated August 9, 1993, addressing the installation of Well U-9 and quarterly ground water monitoring at the above site. It appears that the extent of the ground water contaminant plume resulting from the site has essentially been delineated. Elevated levels of Total Petroleum Hydrocarbons as gasoline and benzene, toluene, ethylbenzene, and xylenes continue to be identified from on-site Wells U-1 and U-3, and off-site Well U-6.

Per Section 2726, Article 11, Title 23 California Code of Regulations, this office is requesting that you address the remediation of the soil and ground water contamination associated with the site. Please submit a work plan addressing this remediation within 60 days of the date of this letter.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read "Juliet Shin".

Juliet Shin  
Hazardous Materials Specialist

cc: Cliff M. Garratt  
GeoStrategies, Inc.  
2140 West Winton Ave.  
Hayward, CA 94545

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

February 16, 1993

Mr. David Reimer  
41 Kensington Ct.  
Kensington, CA 94707

*site owned by Mr. Reimer  
not identified in letter  
ED*

Re: Access Permission for the installation of monitoring wells  
by Unocal Service Station #5760.

Dear Mr. Reimer,

As you may be aware, an environmental investigation has been in progress at the referenced Unocal Service Station neighboring your site. The investigation was warranted as a result of an unauthorized release of petroleum products from the underground storage tanks into the soil and ground water beneath the site.

Gradient calculations performed during the investigations at the Unocal site have determined that the ground water gradient in the area flows towards the west/southwest (i.e., from the Unocal Service Station towards your property). Elevated levels of ground water contaminants have been identified in the ground water samples collected from the Unocal monitoring well, U-6, located immediately upgradient of your property. This information indicates that the ground water contaminant plume may have migrated in the direction of your property.

Unocal recognizes the need to determine the extent of the ground water contaminant plume resulting from operations at its site. In correspondence from this office dated July 1, 1992 (enclosed), Unocal was directed to expand their investigation onto the referenced parcel. Unocal has attempted to gain access to your property for the installation of additional wells since October 29, 1992. In a letter, dated January 14, 1993, Unocal again requested that you grant access for additional wells. To this date, it appears that this access has not been granted.

Please be advised that should an agreement not soon be reached between the parties involved in this issue, this case will be referred to the Regional Water Quality Control Board (RWQCB) for action. The RWQCB, pursuant to their authority under Section 13267 of the California Water Code, will require the party or parties responsible for the referenced parcel to conduct their own investigation, **at their expense**. Failure to meet RWQCB investigation and reporting schedules could result in the imposition of fines of up to \$1,000 per day of delinquency.

Mr. David Reimer  
Re: Access Permission  
Page 2 of 2  
February 16, 1993

Within 45 days of the date of this letter, this Department will expect to be informed by Unocal that a License Agreement for site access has been signed. Should such an agreement not be reached within this time frame, this aspect of the case will be turned over to the RWQCB for action.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,




Juliet Shin  
Hazardous Materials Specialist

cc: Richard Hiatt, RWQCB

Penny Silzer  
UNOCAL Corporation  
P.O. Box 5155  
San Ramon, CA 94583

David J. Vossler  
GeoStrategies Inc.  
2140 West Winton Ave.  
Hayward, CA 94545

Edgar Howell-File(JS) 



41 Kensington Ct.  
Kensington, CA 94707  
January 19, 1993

Penny Silzer  
Unocal Corporation  
2000 Crow Canyon Place, Suite 400  
San Ramon, CA 94583

Dear Ms. Silzer:

This letter is in response to your letter of 1/14/93 regarding access permission for installing a groundwater monitoring well on my property at 439-467 Albion Avenue, San Lorenzo, CA

At your request, I am explaining in writing why I am requesting the posting of a performance bond by Unocal. As a condition for granting access permission and signing the License Agreement prepared by Unocal, I wish to have the same financial protection that is required by the County of Alameda Public Works Agency as a condition for granting a permit to install one or more wells. My reason for a bond is the same as Alameda County and I request the same type of bond and bond amount (\$3000.00). Owners of private property should be provided the same legal and financial guarantees and protection as public property.

Sincerely,

David J. Reimer

018 11 11 1993



**GeoStrategies Inc.**

2140 WEST WINTON AVENUE  
HAYWARD, CALIFORNIA 94545

(510) 352-4800

October 27, 1992

Ms. Juliet Shin  
Alameda County Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

Re: UNOCAL Station No. 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Ms. Shin:

As requested in your letter dated September 11, 1992, we are enclosing a timetable for the proposed work at the above referenced location. We are currently in the process of obtaining access to the property where the proposed well is to be located. Upon receipt of this access, the proposed work will be scheduled. A report will be submitted to you documenting the field activities approximately 15 weeks after access has been granted.

If you have any questions or comments, please contact me at (510) 352-4800.

Sincerely,

A handwritten signature in cursive script that reads 'David Vossler'.

David J. Vossler  
Senior Geologist

DJV/rmt

Enclosure

cc: Ms. Penny Silzer, UNOCAL Corporation

**PROPOSED INVESTIGATION TIME TABLE**

|  |                    |
|--|--------------------|
| <b>PHASE OF WORK - File Search</b>   |                    |
| Collect information (if available)   | <u>+/- 10 days</u> |
| Report preparation and review  | <u>+/- 10 days</u> |
| Finalization and submittal of report<br>(to be presented in well installation report)  | <u>+/- 10 days</u> |
| <b>PHASE OF WORK - Well Installation</b>   |                    |
| <b>NOTE:</b> Schedule Assumes:   |                    |
| <ol style="list-style-type: none"> <li>1. Client Approval</li> <li>2. Receipt of Drilling Permits</li> <li>3. Receipt of Access Agreements<br/>(60 days not uncommon)</li> </ol> |                    |
| Schedule Contractors   | <u>+/- 14 days</u> |
| Drill and Develop Well   | <u>+/- 14 days</u> |
| Conduct Water Sampling   | <u>+/- 14 days</u> |
| Laboratory Analysis  | <u>+/- 14 days</u> |
| Data Analysis  | <u>+/- 14 days</u> |
| Report Preparation and Review  | <u>+/- 28 days</u> |
| Finalization and Submittal of Report   | <u>+/- 10 days</u> |

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

September 11, 1992

Ms. Penny Silzer  
UNOCAL Corporation  
P.O. Box 5155  
San Ramon, CA 94583

STID 1746

RE: UNOCAL Station #5760, 376 Lewelling Blvd., San Lorenzo,  
California

Dear Ms. Silzer,

This office received the work plan, dated September 1, 1992, and the additional information that we requested of you in a letter dated July 1, 1992.

The work plan meets with the approval of this office. Please be aware that after the installation of the monitoring well, you are required to survey the well to an accuracy of 0.01 foot to an established benchmark.

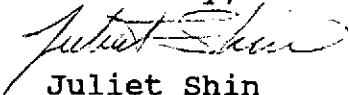
Field work should commence within 60 days of the receipt of this letter. Please be reminded that a report documenting the results from work performed is due to this office within 45 days of completion of field activities. Quarterly monitoring and reporting is to be continued for all the monitoring wells.

In the most recently submitted work plan, you requested an extension on the due date for a portion of the required investigations in order to conduct file searches on adjacent properties. This office will grant you the extension on the following conditions: 1) Immediately following these file searches, you prepare and submit a work plan addressing the containment and remediation of the ground water contaminant plume and the delineation and remediation of the contaminated soil at the site; and 2) You submit a timetable of scheduled work events, such as file searches, to this office **within 30 days** of the receipt of this letter.

Ms. Penny Silzer  
Re: 376 Lewelling Blvd.  
September 11, 1992  
Page 2 of 2

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Jim Ferdinand, Eden Consolidated Fire Dept.

David J. Vossler  
GeoStrategies Inc.  
2140 West Winton Ave.  
Hayward, CA 94545

~~Edgar Howell-File~~ (JS)

44

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

|  |  |  |
|--|--|--|
| EMERGENCY<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <b>FOR LOCAL AGENCY USE ONLY</b><br>I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE.<br>SIGNED: <u>[Signature]</u> DATE: <u>10/6/92</u> |
| REPORT DATE<br><u>0</u> <u>8</u> <u>3</u> <u>1</u> <u>9</u> <u>2</u>             | CASE #   |  |

|             |  |   |   |  |
|-------------|--|---|---|--|
| REPORTED BY | NAME OF INDIVIDUAL FILING REPORT<br><u>David J. Vossler</u>  | PHONE<br><u>(510) 1352-4900</u>   | SIGNATURE<br><u>[Signature]</u>                     |  |
|             | REPRESENTING<br><input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OTHER <u>Responsible party</u> | <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD | COMPANY OR AGENCY NAME<br><u>GeoStrategies INC.</u> |  |
|             | ADDRESS<br><u>2140 W. Winton Ave</u> <u>Hayward</u> <u>CA</u> <u>94545</u>   |   |   |  |

|                   |   |                                       |                                |
|-------------------|---|---------------------------------------|--------------------------------|
| RESPONSIBLE PARTY | NAME<br><u>Unocal Corporation</u> <input type="checkbox"/> UNKNOWN            | CONTACT PERSON<br><u>Penny Sitzer</u> | PHONE<br><u>(510) 277-2320</u> |
|                   | ADDRESS<br><u>2000 Clow Canyon Rd</u> <u>San Ramon</u> <u>CA</u> <u>94583</u> |                                       |                                |

|               |  |  |   |
|---------------|--|--|---|
| SITE LOCATION | FACILITY NAME (IF APPLICABLE)<br><u>UNOCAL Service Station #5760</u>   | OPERATOR<br><u>RAY TURPEINEN</u>   | PHONE<br><u>(510) 278-4442</u>  |
|               | ADDRESS<br><u>376 Lewelling Blvd</u> <u>San Lorenzo</u> <u>Alameda</u> |  |   |
|               | CROSS STREET<br><u>USHER</u>   | TYPE OF AREA<br><input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL<br><input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER | TYPE OF BUSINESS<br><input checked="" type="checkbox"/> RETAIL FUEL STATION<br><input type="checkbox"/> FARM <input type="checkbox"/> OTHER |

|                       |   |  |   |                                |
|-----------------------|---|--|---|--------------------------------|
| IMPLEMENTING AGENCIES | LOCAL AGENCY<br><u>Alameda County</u>             | AGENCY NAME<br><u>Dept. of Environ. Health</u> | CONTACT PERSON<br><u>Thomas Parrott</u> | PHONE<br><u>(510) 271-4320</u> |
|                       | REGIONAL BOARD<br><u>San Francisco Bay Region</u> |  | CONTACT PERSON<br><u>Richard Hiatt</u>  | PHONE<br><u>( )</u>            |

|                     |   |  |
|---------------------|---|--|
| SUBSTANCES INVOLVED | (1) NAME<br><u>Gasoline UNOCAL UNLEADED</u> | QUANTITY LOST (GALLONS)<br><input checked="" type="checkbox"/> UNKNOWN |
|                     | (2)   | <input type="checkbox"/> UNKNOWN                                       |

|                     |   |   |
|---------------------|---|---|
| DISCOVERY/ABATEMENT | DATE DISCOVERED<br><u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>8</u> <u>7</u>  | HOW DISCOVERED<br><input checked="" type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS<br><input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER <u>Bottom scratch test</u>  |
|                     | DATE DISCHARGE BEGAN<br><input checked="" type="checkbox"/> UNKNOWN   | METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)<br><input checked="" type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK<br><input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE<br><input type="checkbox"/> OTHER |
|                     | HAS DISCHARGE BEEN STOPPED?<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE |   |

|              |  |   |  |   |
|--------------|--|---|--|---|
| SOURCE/CAUSE | SOURCE OF DISCHARGE<br><input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN<br><input type="checkbox"/> PIPING LEAK<br><input checked="" type="checkbox"/> OTHER <u>Gauge stickhole</u> | TANKS ONLY/CAPACITY<br><u>10,000</u> GAL.<br>AGE _____ YRS<br><input checked="" type="checkbox"/> UNKNOWN | MATERIAL<br><input type="checkbox"/> FIBERGLASS<br><input checked="" type="checkbox"/> STEEL<br><input type="checkbox"/> OTHER | CAUSE(S)<br><input type="checkbox"/> OVERFILL <input checked="" type="checkbox"/> RUPTURE/FAILURE<br><input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN<br><input type="checkbox"/> SPILL <input type="checkbox"/> OTHER |
|--------------|--|---|--|---|

|           |  |
|-----------|--|
| CASE TYPE | CHECK ONE ONLY<br><input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED) |
|-----------|--|

|                |  |
|----------------|--|
| CURRENT STATUS | CHECK ONE ONLY<br><input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY)<br><input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES |
|----------------|--|

|                 |  |
|-----------------|--|
| REMEDIAL ACTION | CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)<br><input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input checked="" type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)<br><input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS)<br><input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT) |
|-----------------|--|

COMMENTS: Original Release Report was either not filed or lost. Gether-Ryan Inc. of Hayward did the construction Geo-Test of Fresno was the consultant.

## INSTRUCTIONS

### EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

### LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety Code Section 25180.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

### REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

### RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

### SITE LOCATION

Enter information regarding the tank facility and surrounding area. At a minimum, you must provide the facility name and full address.

### IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

### SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

### DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

### SOURCE/CAUSE

Indicate source(s) of leak. Provide details on tank age; capacity and material if known. Check box(es) indicating cause of leak.

### CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

### CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

### REMEDIAL ACTION

Indicate which actions have been used to cleanup or remediate the leak. Descriptions of options follow:

- Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.
- Containment Barrier - install vertical dike to block horizontal movement of contaminant.
- Excavate and Dispose - remove contaminated soil and dispose in approved site.
- Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).
- Remove Free Product - remove floating product from water table.
- Pump and Treat Groundwater - generally employed to remove dissolved contaminants.
- Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.
- Replace Supply - provide alternative water supply to affected parties.
- Treatment at Hookup - install water treatment devices at each dwelling or other place of use.
- No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

### DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies in tact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Water Quality, Underground Tank Program, P. O. Box 100, Sacramento, CA 95801
3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

|  |  |   |
|--|--|---|
| EMERGENCY<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | FOR LOCAL AGENCY USE ONLY<br>I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25101.7 OF THE HEALTH AND SAFETY CODE.<br>SIGNED: <i>[Signature]</i> DATE: 9/15/92<br>CALIF. REG. WATER |
|--|--|---|

|                         |        |
|-------------------------|--------|
| REPORT DATE<br>08/31/92 | CASE # |
|-------------------------|--------|

|             |  |   |   |
|-------------|--|---|---|
| REPORTED BY | NAME OF INDIVIDUAL FILING REPORT<br>David J. Vessler   | PHONE<br>(510) 352-4800   | SIGNATURE<br><i>[Signature]</i> SEP 15 1992 |
|             | REPRESENTING<br><input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD<br><input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OTHER Responsible party | COMPANY OR AGENCY NAME<br>GeoStrategies INC. QTY. CONTROL BOARD |   |
|             | ADDRESS<br>2140 W. Winton Ave Hayward CA 94545   |   |   |

|                   |   |                                |                         |
|-------------------|---|--------------------------------|-------------------------|
| RESPONSIBLE PARTY | NAME<br>Unocal Corporation <input type="checkbox"/> UNKNOWN | CONTACT PERSON<br>Penny Silzer | PHONE<br>(510) 277-2320 |
|                   | ADDRESS<br>2000 Crow Canyon Rd San Ramon CA 94583           |                                |                         |

|               |   |  |   |
|---------------|---|--|---|
| SITE LOCATION | FACILITY NAME (IF APPLICABLE)<br>UNOCAL Service Station #5760 | OPERATOR<br>RAY TURPEINEN  | PHONE<br>(510) 278-4442   |
|               | ADDRESS<br>376 Lewelling Blvd San Lorenzo Alameda             |  |   |
|               | CROSS STREET<br>USHER   | TYPE OF AREA<br><input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL<br><input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER | TYPE OF BUSINESS<br><input checked="" type="checkbox"/> RETAIL FUEL STATION<br><input type="checkbox"/> FARM <input type="checkbox"/> OTHER |

|                       |  |   |  |                         |
|-----------------------|--|---|--|-------------------------|
| IMPLEMENTING AGENCIES | LOCAL AGENCY<br>Alameda County             | AGENCY NAME<br>Dept. of Environ. Health | CONTACT PERSON<br><del>Thomas Peacock</del> Thomas Peacock | PHONE<br>(510) 271-4320 |
|                       | REGIONAL BOARD<br>San Francisco Bay Region |   | CONTACT PERSON<br>Richard Hiatt                            | PHONE<br>( )            |

|                     |                                 |      |  |
|---------------------|---------------------------------|------|--|
| SUBSTANCES INVOLVED | (1)<br>Gasoline UNOCAL UNLEADED | NAME | QUANTITY LOST (GALLONS)<br><input checked="" type="checkbox"/> UNKNOWN |
|                     | (2)                             |      | <input type="checkbox"/> UNKNOWN                                       |

|                     |   |   |
|---------------------|---|---|
| DISCOVERY/ABATEMENT | DATE DISCOVERED<br>1/1/87   | HOW DISCOVERED<br><input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> TANK REMOVAL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input checked="" type="checkbox"/> OTHER Bottom scratch test  |
|                     | DATE DISCHARGE BEGAN<br><input checked="" type="checkbox"/> UNKNOWN   | METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)<br><input checked="" type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK<br><input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE<br><input type="checkbox"/> OTHER |
|                     | HAS DISCHARGE BEEN STOPPED?<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE |   |

|              |   |  |  |   |
|--------------|---|--|--|---|
| SOURCE/CAUSE | SOURCE OF DISCHARGE<br><input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN<br><input type="checkbox"/> PIPING LEAK<br><input checked="" type="checkbox"/> OTHER Gauge stickhole | TANKS ONLY: CAPACITY<br>10,000 GAL<br>AGE<br><input checked="" type="checkbox"/> UNKNOWN | MATERIAL<br><input type="checkbox"/> FIBERGLASS<br><input checked="" type="checkbox"/> STEEL<br><input type="checkbox"/> OTHER | CAUSE(S)<br><input type="checkbox"/> OVERFILL <input checked="" type="checkbox"/> RUPTURE/FAILURE<br><input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN<br><input type="checkbox"/> SPILL <input type="checkbox"/> OTHER |
|--------------|---|--|--|---|

|           |  |
|-----------|--|
| CASE TYPE | CHECK ONE ONLY<br><input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED) |
|-----------|--|

|                |  |
|----------------|--|
| CURRENT STATUS | CHECK ONE ONLY<br><input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY)<br><input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES |
|----------------|--|

|                 |  |
|-----------------|--|
| REMEDIAL ACTION | CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)<br><input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input checked="" type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)<br><input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS)<br><input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT) |
|-----------------|--|

COMMENTS  
Original Release Report was either not filed or lost. Gethler-Ryan Inc. of Hayward did the construction Geo-Test of Fresno was the consultant.



## INSTRUCTIONS

### EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

### LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety Code Section 25180.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

### REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

### RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

### SITE LOCATION

Enter information regarding the tank facility and surrounding area. At a minimum, you must provide the facility name and full address.

### IMPLEMENTING AGENCIES

Enter names of the Local agency and Regional Water Quality Control Board involved.

### SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

### DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

### SOURCE/CAUSE

Indicate source(s) of leak. Provide details on tank age; capacity and material if known. Check box(es) indicating cause of leak.

### CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

### CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

### REMEDIAL ACTION

Indicate which actions have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.

Containment Barrier - install vertical dike to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove Free Product - remove floating product from water table.

Pump and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

### DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies in tact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Water Quality, Underground Tank Program, P. O. Box 100, Sacramento, CA 95801
3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



State Water Resources Control Board  
Division of Clean Water Program  
UST Local Oversight Program

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

July 1, 1992

Penny Silzer  
UNOCAL Corporation  
P.O. Box 5155  
San Ramon, CA 94583

STID 1746

RE: UNOCAL Station #5760, 376 Lewelling Blvd., San Lorenzo,  
California

Dear Ms. Silzer,

This office has received and reviewed the Quarterly Monitoring Report, dated May 19, 1992, and the Well Installation Report, dated June 15, 1992 for the above site. Floating product and elevated concentrations of TPHg and BTEX have consistently been identified in Wells U-1 and U-3, and most recently Well U-6, at the site. Although a product skimmer is currently being applied to Well U-1, additional measures need to be taken to contain the ground water contaminant plume from migrating further off site.

Additionally, this office has reason to believe that contaminated soil still exists at the site. During the installation of Well U-3, in August 1990, a soil sample collected from 20 feet below ground surface exhibited 640 ppm TPHg. Although this office does not currently have information regarding the soil sampling at the time of the underground storage tank (UST) replacements, it was mentioned in several reports submitted to this office that there was observed soil contamination in the tank pit. Please submit to this office any information on the UST replacements and sampling conducted in 1987. Also, please submit the results for soil samples collected during the installation of Well U-1.

You are required to submit a work plan to this office **within 45 days** of the receipt of this letter, addressing your proposals for further delineation, containment, and remediation of the ground water contaminant plume resulting from your site. These proposals must adhere to the Regional Water Quality Control Board's (RWQCB) Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, the State Water Board's LUFT manual, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. A report documenting the results from work performed is due to this office within 45 days of completion of

Penny Silzer  
Re: 376 Lewelling Blvd.  
July 1, 1992  
Page 2 of 2

field activities. Copies of all plans and proposals should be sent to this office. Alameda County must approve these plans before they can be implemented.

Please be advised that this is a formal request for technical reports pursuant to **California Water Code Section 13267 (b)**. Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or RWQCB.

This office has enclosed an Unauthorized Leak/Release form. Please complete this form and submit it to this office within 15 days of the receipt of this letter.

Please be aware that you must continue to prepare quarterly groundwater monitoring reports and submit them to this office.

If you have any questions or comments, please contact Juliet Shin at (510) 271-4320.

Sincerely,



Thomas Peacock, Supervising HMS  
Hazardous Materials Division

cc: Richard Hiatt, RWQCB

Jim Ferdinand, Eden Consolidated Fire Dept.

David J. Vossler  
GeoStrategies Inc.  
2140 West Winton Ave.  
Hayward, CA 94545

*Files*

Unocal Refining & Marketing Division  
Unocal Corporation  
911 Wilshire Blvd., Suite 1010  
Los Angeles, California 90017  
Telephone (213) 977-6399  
Fax (213) 627-1231

92 APR 14 1992  
**UNOCAL 76**

April 1, 1992

Alameda County of Health  
80 Swan Way, Room 200  
Oakland CA 94621

RETURN RECEIPT  
REQUESTED

RE: Change of Address  
Notification

To whom it may concern:

I am mailing you a written notification for a change of address. Currently, the mail specified in the next paragraph is directed to our operators which makes the processing of permit fee invoices, and solving environmental compliance problems more difficult to handle on a timely basis.

In order to effectively ensure practical compliance, Unocal requests you to direct all permits to operate, permit fee invoices, notices of non-compliance, notices of violations, site inspection reports, correspondence, and inquiries intended for locations within your county's jurisdiction to the following address:

Unocal Environmental Engineering Department  
911 Wilshire Blvd.  
Suite 1010  
Los Angeles, CA 90017  
Attn: Compliance Analyst

Please be sure to include Unocal's site identification number(s) on all correspondence.

Please note this request does not include correspondence or permitting for Unocal "branded-only", or other Unocal Divisions handling their permitting/compliance issues directly with your county. A listing of Unocal "controlled-unit" service stations within your jurisdiction can be provided to you upon your request.

Any correspondence regarding on-going clean-up projects should also continue to be directed to the responsible Unocal Environmental Engineer at his/her office address.

As an additional request, please send to this address blank applications forms and other documents used by your office pertaining to service stations and bulk plants. We will keep these blank forms on hand in order to respond more efficiently to compliance needs.

If you need any assistance on non-compliance and notice of violation issues, please do not hesitate to contact me at (213) 977-7063, and Ms. Shirley T. Shea at (213) 977-6311 on permitting issues.

Thank you for your cooperation in these matters.

Sincerely yours,



Syed N. Rizvi  
Compliance Analyst

SNR:wja

cc: B. C. Best  
S. T. Shea  
Correspondence File

Tom <sup>for</sup> Will 1-22-02 - talked with  
Penny Sitzer w/ Unocal

res

376 Swelling Blvd

Any comm. w/ Don Del?  
w/ this ofc?

No - not to date

PC

PS - advised her to  
make contact w/ Don  
Del again - but told her  
that wells must go in, in  
alt. locatn if necessary

DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FORM

MFR Sent \_\_\_\_\_ (date)

PURPOSE: Permit Application  Service  Renewal

Computer No. \_\_\_\_\_

TYPE OF ACTION: New Premises  Change of Owner  Change of Name  Change of Status  Change of Mailing Address  Inactivate  Delete  Unincorp.

Premises Name: Don-Del Co.
A. Premises Address: 15536-40 Usher St. San Lorenzo 94580
Owner/Applicant: Earth Metrics Incorporated (415) 742-9900
B. Mailing Address: 7000 Marina Blvd, 4th Floor Brisbane CA 94005



earth metrics incorporated

Mario Sternad
Environmental Scientist

7000 Marina Boulevard, 4th Floor, Brisbane, CA 94006
Tel (415)742-9900 Fax (415)742-1033

E.U. NO. [ ] [ ] [ ] C.P. CODE [ ] [ ]

FOOD CATEGORIES

- Bakery: Under 2,000 sq. ft. (130), 2,000 - 6,000 sq. ft. (131), Over 6,000 sq. ft. (132)
Food Market, Retail: Under 3,000 sq. ft. (120), 3,000 - 10,000 sq. ft. (121), Over 10,000 sq. ft. (122)
Confectionary (125)
Restaurant: Tavern, Cocktail lounge (104), Snack Bar (105), Drive-in, Take Out (110), Catering Commissary (111), Under 26 seats (100), 26 - 50 seats (101), 51 - 75 seats (102), Over 75 seats (103), In Plant Feeding (114), Bed & Breakfast (Cont.) (115), Bed & Breakfast (Reg.) (116)
Vending Machine
Other Food

- Temporary Food Operation: Special Event Facility (113) (not to exceed 3 days), Temporary Food Facility (108) (not to exceed 21 days), Seasonal Food Facility (129) (not to exceed 45 days)
Food Vehicle: Vehicle Application Fee, Mobile Food Prep. Unit (107), Stationary M.F.P.U. (117), Retail Food Vehicle (112), Itinerant Vehicle (128)

- Private Waste Disposal: Site Evaluation, Percolation Test, Plan Review, Installation
Holding Tank: Site Evaluation, Installation, Inspection
Water Supply-Utility: Community System, Non-Community System, State Small Water System, Local Small Water System
Private Water Supply: Flow, Bacti. & Chem. Anal.
Drinking Water Analysis: Bacterial, Chemical, Flow Rate

GENERAL CATEGORIES

- Plan Review
Special Service
Public Swimming Area
Commercial Spa
Mobilehome Park
No. Spaces

Other site search

Number of Units/Hrs. 1 Fee Per Unit/Hr. \$ 71.00 Total Fee \$ 71.00

REMARKS:

You will receive a BILL in accordance with Article 11 of Chapter 6, Title 3 of the Ordinance Code of Alameda County

Owner/Applicant: Pamela J Swans
Sanitarian: Sr. Hazmat Specialist
400-WA-1-487

Date: 3-13-92
Phone: (510) 271-4320



earth metrics incorporated

February 27, 1992

921000-2 0119:10

Attn: Pam Evans  
Alameda County Environmental Health Services  
Hazardous Materials and Storage Tanks Division  
80 Swan Way, Room 200  
Oakland, CA 94621

Dear Ms. Evans:

Earth Metrics has been retained by Home Savings Bank to conduct an environmental assessment for the property located at 15636-15640 Usher Street in the city of San Lorenzo.

In order to complete the investigation of the subject property, I would like to request an appointment to review 1) any hazardous material leak files and 2) Hazardous Materials Management or Business Plans (HMMP) you may have on the following properties:

*Site search 3/13/92*

SUBJECT SITE: 1. Don-Del Co., 15636-15640 Usher Street, San Lorenzo

- ✓1. Petes Transmission, 15625 Usher Street, San Lorenzo
- ✓2. Unocal Station, 376 Lewelling Boulevard, San Lorenzo
- ✓3. San Lorenzo Unified School District (warehouse), 15510 Usher Street, San Lorenzo

*4. 44 Lewelling - Ultra Mar*

With regard to the Unocal Station, 376 Lewelling Boulevard, Earth Metrics would like to know who is the lead agency reviewing groundwater investigation.

I understand there is a \$71.00 file search fee per hour for this work. You are authorized to spend a maximum of one hour for this service. If this amount changes please notify me at the number below. Your timely attention to this matter is greatly appreciated. Thank you for your help.

Sincerely,

*Mario Sternad*

Mario Sternad  
Project Manager  
(415) 742-9900.

1497  
~~376~~  
1746





# earth metrics incorporated

February 27, 1992

Attn: Pam Evans  
Alameda County Environmental Health Services  
Hazardous Materials and Storage Tanks Division  
80 Swan Way, Room 200  
Oakland, CA 94621

Dear Ms. Evans:

Earth Metrics has been retained by Home Savings Bank to conduct an environmental assessment for the property located at 15636-15640 Usher Street in the city of San Lorenzo.

In order to complete the investigation of the subject property, I would like to request an appointment to review 1) any hazardous material leak files and 2) Hazardous Materials Management or Business Plans (HMMP) you may have on the following properties:

**SUBJECT SITE: 1. Don-Del Co., 15636-15640 Usher Street, San Lorenzo**

*books  
monitoring  
info*

1. Petes Transmission, 15625 Usher Street, San Lorenzo HMMP
2. Unocal Station, 376 Leveiling Boulevard, San Lorenzo
3. San Lorenzo Unified School District (warehouse), 15510 Usher Street, San Lorenzo

With regard to the Unocal Station, 376 Leveiling Boulevard, Earth Metrics would like to know who is the lead agency reviewing groundwater investigation.

I understand there is a \$71.00 file search fee per hour for this work. You are authorized to spend a maximum of one hour for this service. If this amount changes please notify me at the number below. Your timely attention to this matter is greatly appreciated. Thank you for your help.

*Left msg 3-2-92*

*will come in 3-13-92*

*@ 8:45 am,*

Sincerely,

*Mario Sternad*

Mario Sternad  
Project Manager  
(415) 742-9900.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
80 Swan Way, Rm. 210  
Oakland, CA 94621  
(415) 271-4300

Lloyd E. Donohue, Jr.  
Don Del Co.  
P.O. Box 20006  
Castro Valley CA 94546

**RE: Access to Property at North East Corner of Usher St. and  
Albion Av., San Lorenzo for Groundwater Investigation**

Dear Mr. Donohue:

The purpose of this letter is to urge your cooperation in UNOCAL's investigation of the groundwater contamination at and beyond their site at 376 Lewelling Blvd., San Lorenzo. UNOCAL has a responsibility to investigate and remediate the contamination. As part of their investigation, groundwater monitoring wells must be placed in strategic locations in order to detect the outer limits of groundwater contamination. Because high levels of petroleum have been consistently detected in a well within several feet of your property boundary, it is highly probable that groundwater beneath your site has been or soon will be impacted. Therefore, I am requesting your cooperation in allowing UNOCAL to fully investigate the extent of groundwater contamination.

Please be aware that pursuant to Section 13267 of the California Water Code, Don Del Co. may be required by this office to submit a plan for defining the extent of contamination on the property at Usher and Albion. Failure to submit the report or late submittal may result in fines of up to \$1000 per day.

Thank you for your consideration of this matter. You may contact me with any questions at (510)271-4320.

Sincerely,

Pamela J. Evans  
Hazardous Materials Specialist

c: Eddy So, Regional Water Quality Control Board  
Penny Silzer, UNOCAL

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
80 Swan Way, Rm. 210  
Oakland, CA 94621  
(415) 271-4300

January 15, 1992

Penny Silzer  
UNOCAL Corporation  
P.O. Box 5155  
San Ramon CA 94583

RE: UNOCAL Station #5760, 376 Lewelling Blvd., San Lorenzo

**NOTICE OF VIOLATION**

Dear Ms. Silzer:

In January of 1991, I notified UNOCAL of Alameda County's requirement for installation of additional groundwater monitoring wells at the above referenced site. Your consultants' reports show groundwater contamination, including floating petroleum product, have been present at the site since 1988. UNOCAL was instructed to define the extent of the contamination and to set a timetable for data gathering and remediation activities. At that time, UNOCAL had four onsite groundwater monitoring wells.

Since last January, UNOCAL has submitted a workplan for investigation and a timetable for implementation of all tasks. Your proposal included installation of three additional offsite wells. It is my understanding that some necessary groundwork had been done to obtain permits and permission of property owners. However, in the case of the property directly south of the UNOCAL station, the property owner, Don Del Co., has refused to allow a monitoring well placement.

On August 1, 1991, I discussed with Ron Bock the difficulty UNOCAL was having in obtaining access to this property. Mr. Bock stated that he preferred to hold off drilling any wells until approval and access to three sites could be obtained. He mentioned an alternate location on Albion Av., approximately 150 feet away from the well with floating product. I stated that a closer spot, down gradient from well U-1, would be more appropriate at that time. I also explained that, should the issue of access to Don Del's property not be resolved by the end of August, UNOCAL should proceed with well installation with out delay.

UNOCAL has requested that this agency advise as to the necessity to install the well on Don Del's property. While having a well on this property would provide extremely valuable information about the extent of groundwater contamination both on UNOCAL's property and Don Del's, I do not consider such a placement absolutely essential at this phase of your investigation.

Penny Silzer  
UNOCAL Corporation  
January 15, 1992  
Page 2 of 2

I have suggested to Mr. Bock or to UNOCAL's consultant that a well on Usher St., within a few feet of Don Del's property line, would be an acceptable alternative location.

Sampling data already obtained from your investigation strongly indicates that groundwater beneath the Don Del site has been impacted. As the property owner, Don Del Co. is responsible under Section 13267 of the California Water Code for investigating suspected groundwater contamination. I have enclosed a copy of this Division's notice to Don Del Co. informing them of their responsibility under the Water Code.

A year has elapsed since I instructed UNOCAL to expand it's investigation of groundwater contamination at 376 Lewelling Blvd. The end result of UNOCAL's efforts during that period is that no additional monitoring wells have been installed at the site and no groundwater remediation has occurred. While I can appreciate the delays that are encountered in off-site well installation projects, I find this lack of progress unacceptable.

**California Health and Safety Code Section 25298 (c)** requires that UNOCAL demonstrate to this agency that any releases from your underground tanks have been investigated and that corrective or remedial action has been taken. **You must submit a site diagram showing proposed locations of monitoring wells by February 13, 1992. The wells must be installed and the first round of groundwater samples obtained by March 13, 1992.** Results must be forwarded to this office within 15 days of this sampling event.

You may contact me with any questions at (510)271-4320.

Sincerely,



Pamela J. Evans  
Hazardous Materials Specialist

c: Gil Jensen, Alameda County District Attorney's Office  
Eddy So, RWQCB  
Cliff Garratt, GeoStrategies Inc.



① Any thing upstairs?

② a report is due

③ what's happened? any wells? No corresp.  
no action on NOU.

---

want \$20K

for waste profiling project pursuant to  
grant

want to ~~self~~ award to Co. Env. Health Lab  
if possible, if not, propose outside  
lab

WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM  
SITE SPECIFIC QUARTERLY REPORT  
01/01/92 THROUGH 03/31/92

AGENCY # : 10000      SOURCE OF FUNDS: F      SUBSTANCE: 8006619  
StID : 1746  
SITE NAME: Unocal SS #5760      DATE REPORTED : 03/20/90  
ADDRESS : 376 Lewelling Blvd.      DATE CONFIRMED: 03/20/90  
CITY/ZIP : San Lorenzo 94580      MULTIPLE RPs : N

SITE STATUS  
-----

|                      |                         |                          |
|----------------------|-------------------------|--------------------------|
| CASE TYPE: G         | CONTRACT STATUS: 2      | EMERGENCY RESP:          |
| RP SEARCH: S         |                         | DATE COMPLETED: 01/06/92 |
| PRELIMINARY ASMNT: U | DATE UNDERWAY: 11/16/90 | DATE COMPLETED:          |
| REM INVESTIGATION:   | DATE UNDERWAY:          | DATE COMPLETED:          |
| REMEDIAL ACTION:     | DATE UNDERWAY:          | DATE COMPLETED:          |
| POST REMED ACT MON:  | DATE UNDERWAY:          | DATE COMPLETED:          |

ENFORCEMENT ACTION TYPE: 1      DATE ENFORCEMENT ACTION TAKEN: 01/06/92  
LUFT FIELD MANUAL CONSID: 3HSCAWG  
CASE CLOSED:      DATE CASE CLOSED:  
DATE EXCAVATION STARTED :      REMEDIAL ACTIONS TAKEN: NT

RESPONSIBLE PARTY INFORMATION  
-----

RP#1-CONTACT NAME: Scarteen Corp.  
COMPANY NAME: C/o Union Oil Co (ron Bock)  
ADDRESS: P. O. Box 7600  
CITY/STATE: Los Angeles, Ca 90051

---



**GeoStrategies Inc.**

2140 WEST WINTON AVENUE  
HAYWARD, CALIFORNIA 94545

(510) 352-4800

December 12, 1991

Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94521

Attention: Ms. Pamela Evans

Reference: UNOCAL Service Station No. 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Ms. Evans:

As requested by Mr. Ron Bock of UNOCAL Corporation, we are forwarding a copy of the Site Update Report for the above referenced location. This report presents the results of the third quarter ground-water sampling conducted at this site.

If you have any questions or comments, please call.

Sincerely,

A handwritten signature in black ink that reads 'David J. Vossler'.

David J. Vossler  
Project Geologist

DJV/nsm

Enclosure

cc: Mr. Ron Bock, UNOCAL Corporation  
Mr. Richard Hiatt, Regional Water Quality Control Board

67 0 11 31 00 16

Unocal Refining & Marketing Division  
Unocal Corporation  
P.O. Box 5155  
2000 Crow Canyon Place, Suite 400  
San Ramon, California 94583  
(415) 867-0760

91 SEP -6 11:58

**UNOCAL** 

Northern Division

September 5, 1991

Ms. Pam Evans  
Alameda County Health Care Services  
Agency - Hazardous Materials Div.  
80 San Way - Room 200  
Oakland, California 94621

OFF-SITE ACCESS AGREEMENT REQUEST  
UNOCAL SERVICE STATION NO. 5760  
376 LEWELLING BLVD.  
SAN LORENZO, CALIFORNIA

Dear Ms. Evans:

Attached to this letter please find correspondence from Don Del Co. regarding our request for site access to property south of the referenced service station to install a monitoring well. As you can see, Don Del Co. has denied access to their property for any purpose.

As we previously discussed, Unocal and our consultant (Gettler-Ryan) had proposed an alternative location for a downgradient well on Albion Avenue. It was your opinion that the well needed to be located on the Don Del property to more accurately assess any potential groundwater contamination.

Please advise at your earliest convenience of the ACHCSA's position on the location of the well.

Sincerely,

*Ronald E Bock*

Ronald E. Bock  
Sr. Environmental Engineer

attachment

cc: Keith Bullock - Gettler-Ryan  
J.E. Mason  
L.E. Gold



*Copies  
Two sold  
to 1091  
One Dollar  
for book  
Please review  
set's answer  
not*

**Don Del Co**

**P.O. BOX #20006  
Castro Valley, Ca. 94546  
Ph. # (510) 538-7555**

August 20, 1991

**UNOCAL. 76  
911 Wilshire Blvd. Rm. #1317.  
Los Angeles, Calif. 90017**

Reference:  
Unocal Service Station #5760  
376 Lewelling Boulevard  
San Lorenzo, Ca.

Attn: Mr. J.E. Mason.

Dear Mr. Mason,

This is to acknowledge receipt of your letter, dated August 2, 1991, (including pages 1 & 2.) where in you have informed us that it is not your company policy to provide a cash deposit. Therefore you can not accepted our conditions 1 thru 6 of my letter dated March 23, 1991.

We **Don Del Co**, must now inform your company that it is not "our" company policy to allow any one to trespass on our property and preform any work of any kind which may cause financial loss to us, or inconvenience to our tenants in any way !

Therefore we, **Don Del Co**, withdraw any, and all conditions of acceptance of the proposal of March 12, 1991, and hereby deny you, (or any one representing you in any capacity), access to our property for any purpose what so ever !!!

Regretfully,

*Lloyd E Donahue Jr*  
Lloyd E. Donahue, Jr  
General Partner.



**Jettler — ryan inc.**

**general contractors**

August 16, 1991

Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94521

Attention: Ms. Pamela Evans

Reference: UNOCAL Service Station No. 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Ms. Evans:

As requested by Mr. Ron Bock of UNOCAL Corporation, we are forwarding a copy of the Site Update Report for the above referenced location. This report presents the results of the second quarter ground-water sampling conducted at this site.

If you have any questions or comments, please call.

Sincerely,

Keith E. Bullock

KEB/me

Enclosure

cc: Mr. Ron Bock, UNOCAL Corporation  
Mr. Richard Hiatt, Regional Water Quality Control Board

13 AUG 16 1991

# UNOCAL

August 2, 1991

**J. E. Mason**  
Manager, Real Estate Administration

Mr. Lloyd E. Donahue, Jr.  
Don Del Company  
21119 Redwood Road  
P. O. Box 20006  
Castro Valley, California 94546

UNOCAL SERVICE STATION NO. 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Dear Mr. Donahue:

This letter is in response to earlier correspondence between you and Gettler-Ryan Inc. concerning the proposed installation of a monitoring well on your property adjacent to the referenced service station (see attached letters dated 3/12/91 and 3/25/91). This well is necessary to enable Unocal to conduct a thorough groundwater investigation as required by the Alameda County Health Care Services Agency (ACHCS) and Regional Water Quality Control Board (RWQCB).

Specifically, with respect to your letter to Gettler-Ryan dated March 25, 1991 you state that you would consider acceptance of the request for access to this property based on a list of six (6) additional conditions. These conditions have been reviewed and paragraphs one and six are unacceptable to Unocal. Paragraphs one and six reference monetary compensation for installation of the well. It is not Unocal policy to provide a cash deposit, refundable or not, and thus we can not agree to any fee for access.

We will, as stated in Gettler-Ryan's letter to you dated March 12, 1991, destroy the well once the investigation is completed and return the property to its original condition. We also would be willing to schedule the installation, and any subsequent monitoring of the well, so as to have as minimize any disruption to your tenants.

Both the ACHCS and RWQCB have expressed an interest in locating the monitoring well in the proposed location. I ask that you reconsider and allow Unocal access to the property based on the original letter to you dated March 12, 1991.

Mr. Lloyd E. Donahue  
August 2, 1991  
Page Two

Please feel free to call to discuss this matter. I would appreciate your response by August 19, 1991.

Sincerely,



J. E. Mason

cc: Pam Evans - Alameda County Health Care Services Agency  
80 Swan Way, Room 200  
Oakland, California 94621

R. E. Bock - San Ramon



91 MAY -8 AM 11:17

May 6, 1991

Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94521

Attention: Ms. Pamela Evans

Reference: UNOCAL Service Station No. 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Ms. Evans:

As requested by Mr. Ron Bock of UNOCAL Corporation, we are forwarding a copy of the Site Update Report for the above referenced location. This report presents the results of the first quarter ground-water sampling conducted at this site.

On February 26, 1991 a work plan and the corresponding time schedule was submitted to Alameda County Health Agency. The time schedule assumed that all the access agreements would be received by May 15, 1991, at this time UNOCAL is still in negotiation with the property owners in order to gain access.

If you have any questions or comments, please call.

Sincerely,

Keith E. Bullock

KEB/me

Enclosure

cc: Mr. Ron Bock, UNOCAL Corporation  
Mr. Richard Hiatt, Regional Water Quality Control Board

91 MAY -3 0112:47

# UNOCAL

April 30, 1991

Ms. Pamela J. Evans  
Alameda County Health Care  
Services Agency  
Hazardous Materials Program  
80 Swan Way  
Oakland, California 94621

UNOCAL SERVICE STATION NO. 5760  
376 Lewelling Blvd.  
San Lorenzo, California

Dear Ms. Evans:

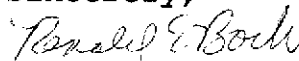
Enclosed please find a check for \$500.00 made payable to Alameda County Health Care Services Agency (ACHCSA) to cover oversight costs associated with the investigation and remediation activities at the above-mentioned service station. I apologize for the delay in issuing the check.

I would also like to thank you for sending me information on the Alameda County Ordinance Code concerning the authority for the agency to require deposits for reviewing environmental clean up activities.

While we agree in principle with your authority to recover costs associated with project oversight where provided by law, I would appreciate it if your costs were billed to me in "invoice form" with appropriate back-up attached (e.g. nature of work performed, hours worked, billing rate, and any other charges). This is particularly important since the Ordinance also allows for a refund of any deposit not used. I have yet to see any statement from any site in ACHCSA jurisdiction.

If there are any questions, please feel free to call me at 277-2303.

Sincerely,



Ronald E. Bock  
Environmental Engineer

enclosure

cc: Ed Howell - ACHCSA  
R. L. Folda



February 26, 1991

Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94521

Attention: Ms. Pamela Evans

Reference: UNOCAL Service Station No. 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Ms. Evans:

As requested by Mr. Ron Bock of UNOCAL Corporation, we are forwarding a copy of the Site Update/Work Plan for the above referenced location. In response to your letter dated January 10, 1991, we have also enclosed a time schedule for completing the tasks proposed in the Work Plan.

If you have any questions or comments, please call.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Keith E. Bullock'.

Keith E. Bullock

KEB/me

Enclosure

cc: Mr. Ron Bock, UNOCAL Corporation  
Mr. Richard Hiatt, Regional Water Quality Control Board

91 MAR 29 PM 12:19

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



DEPARTMENT OF ENVIRONMENT & HEALTH  
Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(415)

February 8, 1991

Ron Bock  
UNOCAL Corporation  
P.O. Box 5155  
San Ramon CA 94583

RE: Deposit/Refund Information Request

Dear Mr. Bock:

In response to your request for information on this agency's deposit /refund system for remediation oversight, I am enclosing a copy of applicable sections of the the Alameda County Ordinance Code. I have highlighted the sections of the Ordinance Code I believe will demonstrate for you the necessity and authority for requiring deposits for reviewing and overseeing contamination clean up at a variety of sites.

You may contact me with any further questions regarding agency fees at 271-4320.

Sincerely,

Pamela J. Evans  
Hazardous Materials Specialist

c: Ed Howell, Hazardous Materials Division



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(415)

January 10, 1991

Ron Bock  
UNOCAL Corporation  
P.O. Box 5155  
San Ramon CA 94583

RE: UNOCAL Station #5760 376 Lewelling Blvd., San Lorenzo

Dear Mr. Bock:

I have reviewed the recently submitted Monitoring Well Installation Report (11/16/90), as well as other past submissions on the above site prepared by GeoStrategies, Inc. The August sampling results for the four onsite wells indicate that high levels of petroleum hydrocarbon contamination exist in the groundwater beneath the south west corner of the site. These findings necessitate that UNOCAL undertake further investigation in order to define the contaminant plume. Once the extent of the plume has been better identified, UNOCAL must take diligent action to contain and mitigate its impact.

The consultant's recommendation, as stated in report, was to continue monitoring the existing wells, with monthly water level and floating product measurements and a quarterly sampling schedule. In addition, UNOCAL must also install additional wells in order to better define the extent of contamination. Please also submit a written timetable defining the time period you believe is needed for additional well installation, data gathering, and remediation. You must submit your workplan, including proposed well locations and a timetable, no later than February 28, 1991.

In order to cover this agency's oversight costs for this project, you must submit a check for \$500.00, payable to County of Alameda, to this office. You may contact me with any questions regarding the above requirements at 271-4320.

Sincerely,

**Pamela J. Evans**  
Hazardous Materials Specialist

c: Richard Hiett, Regional Water Quality Control Board  
Robert A. Lauritzen, GeoStrategies Inc.  
Keith Bullock, Gettler-Ryan Inc.



**Jettler — ryan inc.**

**general contractors**

November 21, 1990

Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94521

Reference: Unocal Service Station No. 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Gentlemen:

As requested by Mr. Ron Bock of Unocal Corporation, we are forwarding a copy of the a Monitoring Well Installation Report for the above referenced location.

If you have any questions or comments, please call.

Sincerely,

Keith E. Bullock

KEB/me

enclosure

cc: Mr. Ron Bock, Unocal Corporation  
Mr. Tom Callaghan, Regional Water Quality Control Board

NOV 26 11:03 AM '90



**grettler — ryan inc.**

**general contractors**

July 13, 1990

Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94521

Reference: Unocal Service Station No. 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Gentlemen:

As requested by Mr. Ron Bock of Unocal Corporation, we are forwarding a copy of the Ground-Water Sampling Report prepared for the above referenced location. In addition to presenting the results of the quarterly ground-water sampling, the enclosed report also recommends the installation of three ground-water monitoring wells to further evaluate the extent of contamination.

Please do not hesitate to call should you have any questions or comments.

Sincerely,

John P. Werfal  
Project Manager

JPW/ch

enclosure

cc: Mr. Ron Bock, Unocal Corporation  
Mr. Tom Callaghan, Regional Water Quality Control Board

SITE INFORMATION

Unocal Station #5760  
 376 Lewelling Blvd.  
 San Lorenzo 94580  
 Site Contact: John P. Werfal  
 Site Phone :

|                   |           |
|-------------------|-----------|
| SITE#:            | 1         |
| PROJECT#:         | 1A        |
| PROJECT TYPE:     | M         |
| INSP:             | Pam Evans |
| ACCT. SHEET PG #: | _____     |

PROPERTY OWNER INFORMATION

Owner Contact:  
 Owner Phone :

*Tim has original*

CONTRACTOR INFORMATION

Gettler - Ryan, Inc.  
 2150 West Winton Ave.  
 Hayward CA 94545  
 Contr. Contact: John P. Werfal  
 Contr. Phone : 783-7500

| Date     | Action Taken                         | Time  |       | Hours            | Hour    | Money                | Money   |
|----------|--------------------------------------|-------|-------|------------------|---------|----------------------|---------|
|          |                                      | In    | Out   | Spent/<br>Depstd | Balance | Spent/<br>Depositd   | Balance |
|          | Balance from Prev. Page              | ..... | ..... | .....            | .....   | .....                | .....   |
|          | Rcpt# U592430                        |       |       |                  |         |                      |         |
| 05/03/91 | Deposit of \$500.00 @ \$67/hour      |       |       | +7.46            |         | +\$500.00            |         |
| 1/10/91  | Preview file documents, letter       |       |       | 2.5              | 4.96    |                      |         |
| 2/8/91   | Letter explaining ordinances         |       |       | .5               | 4.46    |                      |         |
| 6/10/91  | Review file, latest documents        |       |       | .5               | 3.96    | +hours               |         |
| 6-11-91  | Call from Gettler-Ryan               |       |       | .25              | 3.71    |                      |         |
| 7-25-91  | Review, call to GeoStrategies, RWOCB |       |       | .75              | 2.96    |                      |         |
| 7-26-91  | Review, calls to RWOCB, Unocal       |       |       | .5               | 2.46    | 164.82 <sup>me</sup> |         |
| 8-1-91   | Call to Ron Bock, review             |       |       | .5               | 1.94    | 129.98 <sup>me</sup> |         |
| 12/18/91 | Preview case for LDP transfer        |       |       | .5               | 1.44    |                      |         |

PROJECT COMPLETED BY : \_\_\_\_\_

DATE OF COMPLETION : \_\_\_\_\_

DATE SENT TO BILLING: \_\_\_\_\_

TOTAL COST OF PROJECT: \_\_\_\_\_

REFUND AMOUNT: \_\_\_\_\_

DATE:

TO : Local Oversight Program

FROM:

SUBJ: Transfer of Eligible Oversight Case

Site name: Unocal Station #5760

Address: 376 Jewelling Blvd City San Lorenzo zip 94580

Closure plan attached? Y  N DepRef remaining \$ 96.98

DepRef Project # 1A STID #(if any) 1746

Number of Tanks: 3 removed?  N Date of removal Nov 1987 (Replaced)

Samples received?  N Contamination: TPHg + BTEX - very high

Petroleum  N Types: Avgas Jet leaded unleaded Diesel  
fuel oil waste oil kerosene solvents

Monitoring wells on site 4 Monitoring schedule?  N Quarterly

LUFT category  1 2 3 \* H S C A R W G O

Briefly describe the following:

Preliminary Assessment \_\_\_\_\_

Remedial Action Are monitoring + have proposed additional wells to define plume

Post Remedial Action Monitoring \_\_\_\_\_

Enforcement Action Letters outlining required action

There has been floating product on the water on some of the wells over the monitoring period. (VI + 13) Several months ago Unocal submitted a proposal for additional, off site wells to delineate the plume. They encountered resistance from owner of south border property. Ron Boek spoke w/ me about this matter. I offered to write a letter informing Don Del Co. of the need for investigation + that if there is reason to believe their prop. is contaminated, they, too may have to do an inv. I got a letter from Unocal w/ copy of letter of refusal from Don Del - I have not written the "nasty" letter yet. It needs to be written, but meanwhile

*discovery!  
Jan 20, 90*

Unocal has not installed any wells effite. I think the next step is for us, now that we've received the 12-12-91 letter from Unocal showing that all they've done is quarterly monitoring in last quarter, to write Unocal demanding more wells w/ cc to Don Del. Also, write a separate letter to Don Del (cc Unocal) + tell him to let Unocal investigate or start his own investigation.

| Hours of Activity             | Hours | Units | Gross Receipts (\$) | Net Receipts (\$) | Writs Requested | # of Payments | % of Cases Paying (etc.) |
|-------------------------------|-------|-------|---------------------|-------------------|-----------------|---------------|--------------------------|
| Telephone                     | 64    | 40%   | 7000                | 44                | 0.04            | 0.94          | 15%                      |
| Updating                      | 24    | 15%   | 44                  | 44                | 0.04            | 0.94          | 0.09%                    |
| Skip                          | 18    | 11%   | 44                  | 31                | 0.04            | 0.94          | 0.09%                    |
| Enforcing                     | 14    | 9%    | 44                  | 31                | 0.04            | 0.94          | 0.09%                    |
| Judgements                    | 16    | 10%   | 44                  | 31                | 0.04            | 0.94          | 0.09%                    |
| Letter                        | 19.2  | 12%   | 44                  | 31                | 0.04            | 0.94          | 0.09%                    |
| Court Time                    | 4.8   | 3%    | 44                  | 31                | 0.04            | 0.94          | 0.09%                    |
| Misc/Other & Prep. (Personal) | 160   | 100%  |                     |                   |                 |               |                          |

Example of a production/time ratio grid. Gives Units per Activity Hour per Month. (e.g., \$43 per Telephone Hour each month.)

ALAMEDA COUNTY  
 WATER RESOURCES CONTROL BOARD  
 DIVISION OF WATER QUALITY  
 UST CLEANUP PROGRAM  
 SITE SPECIFIC QUARTERLY REPORT  
 FOR (1005-3) 0291

CONTRACTOR NO 10000 SOURCE OF FUNDS (S) (F)  
 SITE NO: 1746  
 SITE NAME: Unocal Station #5760  
 ADDRESS: 376 Lewelling Blvd.  
 CITY/ZIP: San Lorenzo, CA 94580

SUBSTANCE 8006619  
 DATE REPORTED 3/20/90  
 DATE CONFIRMED 3/20/90  
 MULTIPLE RPS (Y) (N)

SITE STATUS

CASE TYPE (U/S) (G) D) \_ CONTRACT STATUS \_\_\_\_\_ EMERGENCY RESPONSE \_\_\_\_\_  
 RP SEARCH (S) I/A: R/ ) DATE COMPLETED \_\_\_\_\_  
 PRELIMINARY (U/C/ ) \_ DATE UNDERWAY 11/16/90 DATE COMPLETED \_\_\_\_\_  
 ASSESSMENT \_\_\_\_\_  
 REMEDIAL INVEST- (U/C/ ) \_ DATE UNDERWAY \_\_\_\_\_ DATE COMPLETED \_\_\_\_\_  
 IIGATION \_\_\_\_\_  
 REMEDIAL ACTION (U/C/I/ ) \_ DATE UNDERWAY \_\_\_\_\_ DATE COMPLETED \_\_\_\_\_  
 POST REMEDIAL (Y/N/U/C/ ) \_ DATE UNDERWAY \_\_\_\_\_ DATE COMPLETED \_\_\_\_\_  
 ACTION MONITORING \_\_\_\_\_  
 ENFORCEMENT ACTION ( ) \_ TYPE (1) 2/3/4/5/6) \_ DATE TAKEN 1/6/92  
 TAKEN \_\_\_\_\_  
 LUFT FIELD MANUAL CONSIDERATION \_\_\_\_\_  
 (CATEGORY 1, 2, 3 PLUS (H) (S) (C) (A) R, (W) (G) OR 0 AS APPLICABLE)  
 CASE CLOSED (Y/R/C/L) \_ DATE CLOSED \_\_\_\_\_  
 DATE EXCAVATION STARTED \_\_\_\_\_ REMEDIAL ACTIONS TAKEN NT

RESPONSIBLE PARTY INFORMATION

- |  |   |
|--|---|
| <p>1. CONTACT NAME <u>Scarteen Corp - Ron Bock</u><br/>         COMPANY NAME <u>c/o Union Oil Co. of Calif.</u><br/>         ADDRESS <u>P.O. Box 7600</u><br/>         CITY/STATE <u>Los Angeles, CA 90051</u></p> | <p>6. CONTACT NAME _____<br/>         COMPANY NAME _____<br/>         ADDRESS _____<br/>         CITY/STATE _____</p> |
| <p>2. CONTACT NAME _____<br/>         COMPANY NAME _____<br/>         ADDRESS _____<br/>         CITY/STATE _____</p>  | <p>7. CONTACT NAME _____<br/>         COMPANY NAME _____<br/>         ADDRESS _____<br/>         CITY/STATE _____</p> |
| <p>3. CONTACT NAME _____<br/>         COMPANY NAME _____<br/>         ADDRESS _____<br/>         CITY/STATE _____</p>  | <p>8. CONTACT NAME _____<br/>         COMPANY NAME _____<br/>         ADDRESS _____<br/>         CITY/STATE _____</p> |
| <p>4. CONTACT NAME _____<br/>         COMPANY NAME _____<br/>         ADDRESS _____<br/>         CITY/STATE _____</p>  | <p>9. CONTACT NAME _____<br/>         COMPANY NAME _____<br/>         ADDRESS _____<br/>         CITY/STATE _____</p> |
| <p>5. CONTACT NAME _____<br/>         COMPANY NAME _____<br/>         ADDRESS _____<br/>         CITY/STATE _____</p>  |   |