

R0352

E.H.DIR.OFF.JUN 7'06AM 8:32IN

May 23, 2006

SUBJECT: RECENT PUBLIC HEALTH ASSESSMENT ERROR: ADDRESS CORRECTION

To Whom it May Concern:

Recently, a public health assessment letter was sent to you regarding potential fuel contamination in the vicinity of 500 Bancroft Avenue in San Leandro California. This address is incorrect. The correct address of the service station in question is 18950 Lake Chabot Road, Castro Valley, California.

Please find enclosed the corrected public health assessment questionnaire and site location map. We would appreciate your completing the questionnaire and returning it to us.

If you have questions or concerns regarding this letter or the enclosed questionnaire, please contact Ben Wright of Delta Environmental Consultants, Inc. (916-503-1263)

Sincerely,

Delta Environmental Consultants, Inc.

PUBLIC HEALTH ASSESSMENT

April 25, 2006

City of Alameda Firehouse

1221 Oak St., Ste. 536
Oakland CA 94612

SUBJECT: POTENTIAL FUEL CONTAMINATION IN THE VICINITY OF 18950 Lake Chabot Road, Castro Valley, CALIFORNIA

To Whom it May Concern:

Alameda County Health Agency (ACHA) staff has requested a list of receptors that could potentially be affected by fuel released from a service station located at the intersection of Bancroft Avenue and Dowling Boulevard in San Leandro. The attached map shows the location of the service station in relation to your property. Please provide the information requested below in the space provided so we can demonstrate to the ACHA you have been contacted. Please complete only Section A if you do not have a well, basement, or a groundwater pumping system. It is permissible to write "unknown" if you simply do not know.

The results of this assessment will be used to determine if the water in your well or sump or air beneath/within your basement should be tested for the presence of fuel compounds. The testing would be free of charge and performed at your convenience. You will also receive a copy of the laboratory testing report. Please contact Ben Wright of Delta Environmental Consultants, Inc. (916-503-1263) or Don Hwang of the ACHA (510-567-6746) if you have questions or concerns regarding this questionnaire.

SECTION A

Name of property owner: _____

Owner address: _____

Owner telephone number (if a well, basement, or sump is present): _____

Name of tenant at property (if not owner occupied): _____

Is the property used for commercial or residential purposes? _____

Is the property occupied by a multi-family complex (e.g., apartment building)? _____

Is there a well on the property? _____

Is there a basement on the property? _____

Is there a sump on the property? _____

continued on next page

SECTION B (complete if a well exists at the subject site)

Number of Wells: _____ Well Diameter(s): _____

Well Depth(s): _____

Pump Depth(s): _____

Material used for the well casing: _____

Date(s) the well(s) were installed: _____

How frequently are the well(s) used? _____

Approximate gallons of water pumped during each well cycle: _____

What is the well water used for? _____

SECTION C (complete if you have a sump)

Frequency of Use: _____

Approximate gallons of water pumped from the sump each day: _____

Where is the sump water discharged? _____

Please return this questionnaire in the enclosed self-addressed stamped envelope as soon as possible. A second questionnaire will be mailed to your attention if we do not receive a response within two weeks. Again, please participate for your protection. We welcome any comments you may have on the bottom of this page.

Sincerely,

Delta Environmental Consultants, Inc.

Additional Comments:



0 1000 FT 2000 FT
SCALE: 1 : 24,000



FIGURE 1

SITE LOCATION MAP

76 SERVICE STATION NO. 5484
18950 LAKE CHABOT ROAD
CASTRO VALLEY, CA

PROJECT NO. C165-484	DRAWN BY MC 527/06
FILE NO Site Locator 5484	PREPARED BY MC
REVISION NO. 1	REVIEWED BY



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, HAYWARD QUADRANGLE, 1967

R0352

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) 543-4600
(818) 543-4604 (Fax)

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

Project/Contract No. Conoco Phillip, SS # 5784, Alameda County
18950 Lake Mead Rd, Castro Valley, CA 94546
Township, Range, and Section T2S, R2W, Sec 33, 1/2 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

Don Hwang
Alameda County Health Agency
Government or Regulatory Agency

3184 Gold Camp Drive, Suite 200
Address

1131 Harbor Bay Parkway, Suite 250
Address

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

Alameda, CA 94502
City, State, and Zip Code

Signature [Signature]

Signature [Signature]

Title Senior Project Manager

Title HAZARDOUS MATERIALS
SPECIALIST

Telephone (916) 503-1260

Telephone (510) 567-6746

Fax (916) 638-8385

Fax (510) 337-9335

Date 3-8-06

Date 3/10/06

E-mail ddavis@deltaenv.com

E-mail don.hwang@acgov.org

6 June 2001

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) 543-4600
(818) 543-4604 (Fax)

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

SOCAL/CONDO Phillips CE# 5484

Project/Contract No. _____ *1 mile* County - *ALAMEDA*

Township, Range, and Section *18950 LAKE CHABOT RD., CASTROVALLE, CA*
840-1305-2-3 *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.

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Delta Environmental Consultants
Authorized Agent

DON KWANG
ALAMEDA COUNTY Health Agency
Government or Regulatory Agency

3164 Gold CAMP DRIVE #200
Address

1131 HARBOR BAY Parkway #250
Address

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

Alameda CA 94502
City, State, and Zip Code

Signature *[Signature]*

Signature *[Signature]*

Title *Project Manager*

Title *HAR HART SPEC*

Telephone *(916) 503-1275*

Telephone *(510) 567-6746*

Fax *(916) 638-8385*

Fax *(510) 337-9335*

Date *6/9/05*

Date *6/10/05*

E-mail *jwagoner@deltacno.com*

E-mail *don.kwang@acgov.org*



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. 5367 @ 500 Bancroft Avenue, San Leandro, CA
2. 76 Station No. 5430 @ 1935 Washington Avenue, San Leandro, CA
3. 76 Station No. 5484 @ 18950 Lake Chabot Road, Castro Valley, CA

Ro - 352

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 1713

June 6, 2001

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

Re: Tosco (Unocal) at 18950 Lake Chabot Road, Castro Valley, CA

Dear Mr. DeWitt:

I am in receipt of "Groundwater Monitoring and Sampling Report, Annual - Event of March 28, 2001" dated May 7, 2001 regarding the above referenced site, submitted by Ms. Deanna L. Harding of Gettler-Ryan Inc. Please consider the following concerning this report:

- This report indicates that MW-7 monitoring well had the highest concentrations of contaminants with 734ppb, 19.6ppb, 23.3ppb, and 1,260ppb of TPH(G), Benzene, Ethylbenzene, and MTBE respectively. This represents a slight increase in the concentrations of some of the constituents.
- MW-5 well revealed non-detect levels of the all above constituents.
- Per figure 2 within this report the groundwater flow gradient seems to be in South Southwesterly direction.
- MW-2 and MW-6 wells were not sampled.

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

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Ms. 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 1713

November 15, 2000

Mr. David B. DeWitt
Tosco Marketing Company
2000 Crow Canyon Place, 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) at 18950 Lake Chabot Road, Castro Valley, CA

Dear Mr. DeWitt:

I have been recently assigned to oversee the above referenced site. I have received and reviewed the "Groundwater Monitoring Report" dated April 17, 2000 regarding the above referenced site, submitted by Ms. Deanna L. Harding of Gettler-Ryan Inc. I would like to make the following comments regarding this report:

- According to this report MW-7 monitoring well had the highest concentrations of contaminants with 199ppb, 3.51ppb, 3.30ppb, and 1,250ppb of TPH(G), Benzene, Ethylbenzene, and MTBE respectively.
- There were ND or low levels of contaminants in other wells during this sampling event.
- The groundwater flow gradient seems to be in South Southwesterly direction according to figure 2.

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

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

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



2000 Crow Canyon Place
Suite 400
San Ramon, CA 94583
925.277.2305
fax: 925.277.2361

**Environmental
Compliance
Department**

LIST OF LANDOWNERS FORM

Name of Local Agency: Alameda County – Environmental Health Services
Street Address: 1131 Harbor Bay Parkway, Suite 250
City: Alameda, CA 94502-6577

SITE ADDRESS

Name: 76 Products Service Station #5484
Address: 18950 Lake Chabot Road
Castro Valley, CA

CURRENT RECORD FEE TITLE OWNERS

Owner: Clover Trust
Address: c/o Tosco Corporation
Real Estate Department – Susan Spencer
1500 North Priest Drive
Tempe, AZ 85281

In accordance with section 25297.15(a) of Chapter 6.7 of the Health and Safety Code, I certify the above listed fee title owner and their mailing addresses are true and correct to the best of my knowledge.

Sincerely,

A handwritten signature in cursive script that reads 'David B. De Witt'.

David B. De Witt
Environmental Project Manager

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

May 6, 1999

STID 1713

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

RE: UNOCAL Station #5484, 18950 Lake Chabot Road, Castro Valley

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. DeWitt:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION

Re: 18950 lake Chabot Road, Castro Valley

May 6, 1999

Page 2 of 2

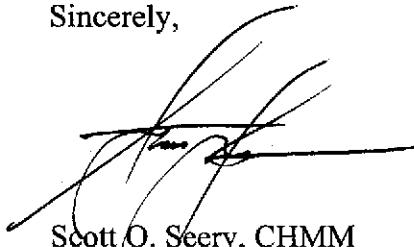
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6783 should you have any questions about the content of this letter.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency
Street address
City

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (*Site Name and Address*)

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:

2. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I am the sole landowner for the above site.

Sincerely,

Signature of primary responsible party

Name of primary responsible party

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

Name of local agency
Street address
City

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY
FOR *(Site Name and Address)*

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, *(name of primary responsible party)*, certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

- cleanup proposal (corrective action plan)
- site closure proposal
- local agency intention to make a determination that no further action is required
- local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

Notes to File #1713

9/13/96

Site has been approved for annual gas monit.
(March). MW-4, MW-5 & MW-7 to be analyzed
for TPH_g, BTEX, MTBE, 8010, 8270. See letter
dated 4/1/96.

Per meeting w/ K. Graves on 3/27/96 site should
not be closed w/ RBCA assessment at this time.

Re-evaluate in 3/97 to see if closure can pursue?
Should evaluate 8270's that have been detected in MW-7 gw.

Reviewed 5/96 gmw. PCE was not detected ~~at this~~
this time. DCA was detected @ 0.75 ppb,

2-methylnaphthalene @ 7.6 ppb, and 42 ppb Naphthalene in
MW-7.

Notes: PCE & DCA have been detected above MCL's "

this H₂O is not being used for drinking H₂O

@ this time & these constituents do not
appear to be migrating. ~~Re-evaluate~~ Evaluate
site as a potential or not potential drinking
H₂O source?

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

StId 1713

April 1, 1996

Alameda County Environmental Health Div.
Environmental Protection Services
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577
(510)567-6700 fax: (510)337-9335

Tina Berry
Unocal Corporation
PO Box 5155
San Ramon CA 94583

Subject: Unocal Service Station #5484 located at 18950 Lake Chabot Rd., Castro Valley, CA

Dear Ms. Berry:

This office has reviewed Pacific Environmental Group, Inc.'s "Non-Attainment Area Management Plan", dated September 20, 1995, and the most recent groundwater quarterly report, dated January 9, 1996, for the subject site. As you are aware, the Containment Zone Proposal is still awaiting approval by the State Water Resources Control Board. Subsequently, we cannot approve of the proposed non-attainment area for this site at this time. However, we concur with the proposed groundwater management plan that includes a Compliance Monitoring Program (annual sampling of monitoring wells MW-4, MW-5, and MW-7 for TPH-g, BTEX, MTBE, and EPA 8010 and 8270 constituents) with the following comments/additions:

1. Annual monitoring should occur in March of each year, instead of December. TPHg and benzene concentrations appear to vary seasonally with depth-to-water at this site and have historically been at higher concentrations during March.
2. 51 ppb of tetrachloroethene (PCE) was detected in monitoring well MW-7 during the December 1995 sampling event. It appears this is the first time PCE was detected in this well. Please verify that a new release has not occurred from the service station. Per our telephone conversation April 1, 1996, this office approves of your plan to re-sample this well, in addition to MW-4, MW-5, and MW-7, as soon as possible to recheck for PCE and to begin the annual monitoring schedule.

As we discussed, the review of environmental assessment/investigations for the subject site has been transferred from Scott Seery to the undersigned of this office. Please contact me at (510)567-6755 if you have questions.

Sincerely,

Amy Leech
Hazardous Materials Specialist

84 c: Thomas Berkins, Kaprealian Engineering, 2401 Stanwell Dr., Ste 400, Concord CA 94520
Kevin Graves, SFBRWQCB
Gordon Coleman-File(ALL)

Std 1713

April 1, 1996

Tina Berry
Unocal Corporation
PO Box 5155
San Ramon CA 94583

Subject: Unocal Service Station #5484 located at 18950 Lake Chabot Rd., Castro Valley, CA

Dear Ms. Berry:

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Sincerely,

Amy Leech
Hazardous Materials Specialist

c: Thomas Berkins, Kaprealian Engineering, 2401 Stanwell Dr., Ste 400, Concord CA 94520
Kevin Graves, SFBRWQCB
Gordon Coleman-File(ALL)

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

UNOCAL 76

March 25, 1996

West Region
Environmental Remediation Services

Mr. Scott Seery
Alameda County Health Care Svcs. Agency
1131 Harbor Bay Parkway
Alameda, CA 94510

SUBJECT: Low-Risk Closure
Former Unocal SS #5484
18950 Lake Chabot Road
Castro Valley, California

Dear Mr. Seery:

Unocal recently reviewed the subject site with respect to the State Water Resources Control Board letter from Executive Director Walt Petit dated December 8, 1995. The purpose of the review was to determine whether the site meets criteria established for "low-risk" status. Based on all available case information, this site appears to meet that criteria as discussed below:

SITE BACKGROUND AND SUMMARY

In 1988, a leak was detected in the unleaded product system during an annual precision tank test. The Alameda County Health Care Services Agency requested an investigation be performed to document subsurface conditions. As a result, three wells were installed. Approximately one foot of product was detected in one well and the other two wells contained dissolved hydrocarbons above state action levels. In 1989, three additional offsite wells were installed to further characterize the plume. Additionally, the USTs were replaced and widespread soil impact was encountered. Overexcavation of soils around the fuel and waste oil tank as well as service islands was conducted. Approximately 1900 c.y. of soil were excavated and hauled offsite for appropriate disposal.

In November 1989, five more borings were drilled to assess soil and groundwater. A Unocal contractor drilled into and exposed a section of the sanitary sewer near the station which subsequently required repairs to a 30-foot section of the pipe.

In 1990, remedial options were evaluated which concluded that groundwater monitoring coupled with risk analysis should be appropriate for the site. SVE was deemed infeasible

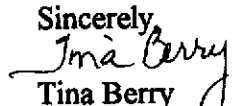
due to the relatively impermeable soils and shallow bedrock. In 1991, one additional well and one soil boring were drilled in the southern portion of the site.

The wells have been monitored and sampled under a routine monitoring program. Benzene has never been detected above state action levels in any wells except well MW7. In 1995, documentation was submitted requesting this site be placed under "non-attainment zone" status. Recent review of the low risk criteria established by the state and regional water boards indicate this site may qualify for low-risk closure status. As a result, active groundwater remediation is not anticipated to be required.

Low-Risk Criteria

- 1) The leak has been stopped:
Yes.
- 2) The source has been removed:
Yes. The USTs and product piping were replaced in 1989. Additionally, approximately 1900 c.y. of soil was excavated and disposed offsite.
- 3) The site has been adequately characterized:
Yes. Soils have been defined to satisfactory levels. Recent groundwater data show only trace hydrocarbon concentrations in wells MW5 and MW7. Benzene is only present in well MW7.
- 4) There is little or no impact to groundwater and/or the plume is not migrating:
Yes. The plume appears to be adequately defined by wells MW4, MW6 and MW5.
- 5) There are no sensitive receptors:
None.
- 6) The site poses no significant risk to human health:
Correct. Benzene in well MW7 appears to degrade to non-detectable levels before reaching well MW5.
- 7) The site poses no significant risk to the environment:
See item 6 above.

Based on the above, this site appears to meet the criteria for low-risk status. We are therefore, requesting that you review the case for closure. If you have any questions or concerns, please feel free to contact me at 510-277-2321. I look forward to hearing from you on this matter.

Sincerely,

Tina Berry
Project Manager

c: File, SS#5484

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION

03/13/96

UNDERGROUND STORAGE TANK CLEANUP SITE

AGENCY#: 10000	SOURCE OF FUNDS: F-FEDERAL	INSPECTOR: AL
StID: 1713	SUBSTANCE: 8006619 -Gasoline	
SITE NAME: Unocal #5484		DATE REPORTED : 06/16/89
ADDRESS : 18950 Lake Chabot Rd		DATE CONFIRMED: 06/16/89
CITY/ZIP : Castro Valley, CA 94546		MULTIPLE RP's : N

CASE TYPE: G	CONTRACT STATUS: 4	PRIOR:	EMERGENCY RESPONSE:
--------------	--------------------	--------	---------------------

RP SEARCH	: S		DATE END: 05/20/92
PRELIM ASSESSMENT	: U	DATE BEGIN: 07/12/88	DATE END:
REMEDIAL INVESTIG	:	DATE BEGIN:	DATE END:
REMEDIAL ACTION	:	DATE BEGIN:	DATE END:
POST REMED MONITOR:		DATE BEGIN:	DATE END:

TYPE ENFORCEMENT ACTION TAKEN: 1	DATE OF ENFORC. ACTION: 05/20/92
----------------------------------	----------------------------------

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

LUFT FIELD MANUAL CONSIDERATION: G	CASE CLOSED: on:
------------------------------------	------------------

DT EXC START: 06/16/89	REMEDIAL ACTIONS TAKEN: ED
------------------------	----------------------------

RP #1: CONTACT: Mec Environmental Co	RP COST:
RP COMPANY NAME: Unocal Corporation	Ph:
ADDRESS: P. O. Box 2390	
CITY/STATE: Brea, C A 92622-2390	

△FrMENT:


KAPREALIAN ENGINEERING
INCORPORATED

February 29, 1996

Alameda County Health Care Services (ACHCS)
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Ms. ^{Amy Leech} ~~Eva Chu~~ ALL

RE: Non-Attainment Area Management Plan
Unocal Service Station #5484
18950 Lake Chabot Road
Castro Valley, California

Dear Ms. Chu:

Kaprealian Engineering, Inc. (KEI) has received a copy of Pacific Environmental Group, Inc's. (PEG) Non-Attainment Area Management Plan (NAA) dated September 20, 1995, for the above referenced site. KEI understands that the NAA plan was submitted to the ACHCS and the Regional Water Quality Control Board (RWQCB) for approval.

The compliance monitoring program of the NAA plan identified monitoring wells MW4, MW5, and MW7 as the containment monitoring locations. These wells were proposed to be monitored and sampled annually for three years for TPH as gasoline, BTEX, MTBE, and EPA method 8010 and 8270 constituents. The other wells (MW2 and MW6) were proposed to be dropped from the monitoring and sampling program.

In summary, unless otherwise instructed, monitoring wells MW4, MW5, and MW7 will be monitored and sampled annually for a period of three years. This new monitoring and sampling program will become effective immediately, with the annual sampling occurring in December of each year.

If you have any questions regarding this matter, please do not hesitate to call me at (510) 602-5112.

Sincerely,

Kaprealian Engineering, Inc.



Thomas J. Berkins
Project Manager

TJB:jad\EC0229

cc: Ms. Tina Berry, Unocal Corporation
Nubar Srabian, MPDS Services, Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director
STID 1713

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 25, 1992

Mr. Ronald Bock
Unocal Corporation
P.O. Box 5155
San Ramon, CA 94583

RE: UNOCAL STATION #5484, 18950 LAKE CHABOT ROAD, CASTRO VALLEY

Dear Mr. Bock:

The Department has completed review of the four most recent monitoring reports submitted on Unocal's behalf by Kaprealian Engineering, Inc. (KEI). These reports document work occurring between the 4th quarter 1991 through the 3rd quarter 1992. The most recent KEI report, dated September 28, 1992 and submitted under KEI cover dated November 13, 1992, presents the results of the investigation between July and September 1992.

In general, the referenced reports continue to document an apparent trend of increasing concentrations of contaminants detected in ground water as ground water elevation levels increase, and a decrease in concentrations as water levels drop. As water levels increase, contaminants are likely leached into ground water from impacted soil and fractured bedrock within the capillary fringe.

The chlorinated solvent 1,2-dichloroethane (1,2-DCA) was detected in well MW-7 during December 1991 and September 1992 at concentrations of 3.1 and 2.3 parts per billion (ppb), respectively. This is the third time since April 1991 that 1,2-DCA has been detected in this well, located directly downgradient of the former waste oil underground storage tank. The detection of this contaminant does not appear to follow the same trend as for other target compounds (i.e., increasing concentrations with increasing water levels).

Diesel-range hydrocarbons were detected in well MW-5 during the months of March and September 1992. In the September 1992 analysis report, Sequoia Analytical Laboratories noted the presence of unidentified peaks in the diesel range which did not appear to match the typical diesel fingerprint. Sequoia indicated these peaks were within the "EPA 8270 range." Diesel-range compounds detected in MW-7 during September 1992, and gasoline-range hydrocarbons detected in MW-2 during June and September 1992, were explained by Sequoia as being atypical of the target fuel compound standards, and due to unidentified fuel peaks in the low-to-medium boiling point range. In response, methyl tert butyl ether (MTBE) was sought and detected at a concentration of 110 ppb in well MW-2 during the September event.

Mr. Ronald Bock
RE: 18950 Lake Chabot Road
November 24, 1992
Page 2 of 2

Well MW-4, located somewhat downgradient of the site and on the west side Lake Chabot Road, detected hydrocarbons for the first time since it was installed during 1989. Benzene was detected at a concentration of 0.41 ppb during June 1992. No other gasoline compounds were detected.

At this time, please adhere to the following sampling and monitoring schedule, and additional list of target compounds for the wells associated with this site. These changes somewhat follow the recommendations by KEI issued in their July 27, 1992 report:

- 1) Reduce water elevation monitoring in each well to a quarterly schedule;
- 2) Discontinue TOG analysis for well MW-7;
- 3) Samples collected from wells MW-5 and -7 shall be analyzed for TPH-D, TPH-G, BTEX, halogenated volatile organic compounds (HVOC), and semivolatile organic compounds (SVOC -EPA 8270);
- 4) Continue analysis for MTBE in well MW-2;
- 5) Sampling of well MW-4 to occur on a quarterly basis.

Please incorporate these into the sampling and reporting period beginning January 1993.

Please call me at 510/271-4530 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Rich Hiatt, RWQCB
Bob Bohman, Castro Valley Fire Department
Mardo Kaprealian, KEI
Ed Howell - files

Mr. Ronald Bock
RE: 18950 Lake Chabot Road
November 24, 1992
Page 2 of 2

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At this time, please adhere to the following sampling and monitoring schedule, and additional list of target compounds for the wells associated with this site. These changes somewhat follow the recommendations by KEI issued in their July 27, 1992 report:

- 1) Reduce water elevation monitoring in each well to a quarterly schedule;
- 2) Discontinue TOG analysis for well MW-7;
- 3) Samples collected from wells MW-5 and -7 shall be analyzed for TPH-D, TPH-G, BTEX, halogenated volatile organic compounds (HVOC), and semivolatile organic compounds (SVOC -EPA 8270);
- 4) Continue analysis for MTBE in well MW-2;
- 5) Sampling of well MW-4 to occur on a quarterly basis.

Please incorporate these into the sampling and reporting period beginning January 1993.

Please call me at 510/271-4530 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Rich Hiatt, RWQCB
Bob Bohman, Castro Valley Fire Department
Mardo Kaprealian, KEI
Ed Howell - files

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)

July 12, 1991

Mr. Ron Bock
Unocal Corporation
P.O. Box 5155
San Ramon, CA 94583

RE: UNOCAL SERVICE STATION #5484, 18950 LAKE CHABOT ROAD, CASTRO VALLEY, ALAMEDA COUNTY

Dear Mr. Bock:

The Department is in receipt and has completed review of the June 27, 1991 Kaprealian Engineering, Inc. (KEI) report, as submitted under KEI cover dated July 10, 1991. This report documents the results of soil and ground water analyses, and the installation of an additional ground water monitoring well (MW-7), proximal to the former location of the waste oil tank removed in 1989, and the advancement of an exploratory boring (EB-1) to the west of the station building.

Laboratory data indicates that ground water collected from MW-7 has been impacted by fuel hydrocarbons (e.g., TPH-G: 3000 ppb, etc.), and by the chlorinated compound 1,2-dichloroethane (3.4 ppb), a known carcinogen with a state MCL of 0.5 ppb. The report recommends modification to the current sampling schedule and target compounds as a result of these findings.

This Department concurs with KEI's recommendations as stated in the June 27 report, and will expect to see these changes implemented during the next reporting period.

Please call me at 415/271-4320 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott O. Seery", written over a horizontal line.

Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Edgar Howell, Chief, Hazardous Materials Division
Gil Jensen, Alameda County District Attorney's Office
Lester Feldman, RWQCB
Howard Hatayama, DHS
Bob Bohman, Castro Valley Fire Department
Mardo Kaprealian, Kaprealian Engineering, Inc.
files

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)

April 26, 1991

Mr. Ron Bock
Unocal Corporation
2000 Crow Canyon Place, Ste. 400
P.O. Box 5155
San Ramon, CA 94583

RE: JANUARY 9, 1991 WORK PLAN PROPOSAL; UNOCAL #5484, 18950 LAKE
CHABOT ROAD, CASTRO VALLEY

Dear Mr. Bock:

This Department is in receipt and has completed review of the January 9, 1991 Kaprealian Engineering, Inc. work plan proposing additional environmental work at the referenced site, as submitted under Kaprealian cover dated April 24, 1991. This plan has been accepted as submitted.

We understand that field activities have been scheduled to begin May 7, 1991, and that Kaprealian will be taking over responsibility for all future environmental work at this site from the former consultant, Applied GeoSystems. Please submit a copy of the report documenting Kaprealian's findings within 45 days of the completion of field activities.

As a reminder, the Department is still awaiting receipt of the \$933 deposit for oversight of the continuing environmental work at the site. The noted deposit was previously requested in correspondence from this office dated December 20, 1990. We discussed this matter by phone April 24, following which a copy of the December 20 correspondence was FAXed to you for reference.

Please call me at 415/271-4320 should you have any questions or comments.

Sincerely,


Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Edgar Howell, Chief, Hazardous Materials Division
Gil Jensen, Alameda County District Attorney's Office
Lester Feldman, RWQCB
Howard Hatayama, DHS
Bob Bohman, Castro Valley Fire Department
Mardo Kaprealian, Kaprealian Engineering, Inc.
files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

December 20, 1990

Mr. Ron Bock
Unocal Refining and Marketing Division
Unocal Corporation
P.O. Box 5155
San Ramon, CA 94583

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415) 762-2200

RE: UNOCAL SERVICE STATIONS #5484 AND 3072, 18950 LAKE CHABOT ROAD
AND 2445 CASTRO VALLEY BLVD, CASTRO VALLEY, ALAMEDA COUNTY

Dear Mr. Bock:

This letter shall serve to verify and summarize our telephone conversation this afternoon. As I indicated during our conversation, the following issues are still outstanding as a result of tank replacements at the referenced Castro Valley sites during 1989:

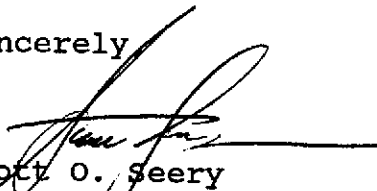
- o "As-built" drawings have yet to be submitted. As-builts are required as the substitution of different equipment and/or modification of tank locations from those depicted on the approved set of plans were implemented at both sites. Examples of such substitution/modification are the placement of the waste oil tank at station #5484 in front of the service bay entrance, instead of behind the facility as depicted in the set of approved plans, and the substitution of a 10,000 gallon diesel tank at station #3072 for the 12,000 gallon unit indicated on the original plans.
- o No HMMP updates have been received which reflect the current dealership (Blair) nor changes in storage tank locations and capacities resulting from the installation of new tanks.
- o Since we spoke this morning, the correct state underground storage tank registration form for the 10,000 gallon diesel tank at station #3072 was located in our files. I apologize for any inconvenience the original information I provided you may have caused.

Additionally, please remit a check totalling \$933 to cover costs incurred by the county in oversight of the continuing subsurface investigation at station #5484, 18950 Lake Chabot Road. This deposit is placed in an account from which this Department draws at a rate of \$60 per hour. Any funds remaining in this account following the completion of the project will be refunded. If, on the other hand, these funds are depleted prior to the completion of the project, additional funds will be requested at that time. The authority to request such funds is derived from Section 3-141.6 of the Alameda County Ordinance Code.

Mr. Ron Bock
RE: Unocal Stations #3072 and 5484
December 20, 1990
Page 2 of 2

Should you have any questions please call me at 415/271-4320.

Sincerely



Scott O. Seery
Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Edgar Howell, Chief, Hazardous Materials Division
Lester Feldman, RWQCB
Bob Bohman, Castro Valley Fire Department
files

DATE:

TO : Local Oversight Program

FROM:

SUBJ: Transfer of Eligible Oversight Case

Site name: Unocal # 5484

Address: 18950 Lake Chabot Rd city C.V. zip 94546

Closure plan attached? Y N DepRef remaining \$

DepRef Project # STID #(if any) 1713

Number of tanks: 23 removed? Y N Date of removal June 16, 1989

Leak Report filed? Y N Date of Discovery

Samples received? (Y) N Contamination: Soil, water

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

Monitoring wells on site Yes Monitoring schedule? Y N

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

Briefly describe the following:

Preliminary Assessment

Remedial Action

Post Remedial Action Monitoring

Enforcement Action

Soil sample up to 4,300ppm TPH-G

Unocal ~~Eng~~ Environmental Engineering Dept.
911 Wilshire Blvd
Suite 1010
Los Angeles, 90017
Compliance Analyst

entered

FUEL LEAK CASE FORM

Enter Date / /
Review Date 1/4/89
Date of Last Corr. 9/11/89
Report Date 11/14/88

Review Status C
Evaluator JAM
Sitename UNOCAL
Street Number 18950
Street Lake Chabot Rd
City Castro Valley
Zip
County 01
Local Agency (21600)
MOPNO U 5484
Primary Substance 8006619
Secondary Substance

Max. Soil Conc. (ppm)
Max G.W. Impact (ppb) 9999999

Case Type S (G) D U
Groundwater Depth S
Permeability 1 2 3

Priority A1
Rank
Status SC
Date 3A / /
Date 3B 3/22/89
Date 5C 9/11/89
Date 5R / /
Date 7 / /
Date 8 / /
Date 9 / /

Interim Y N
Interim Date / /
Abate Method FP

Lead Agency (L) R LI RI
UGT (Y) N
Division LPC
Enforce Type 0 1 2 3
Enforce Date / /
Pilot Program Y N
RP Search S I R N

Comment (80 Characters)

FUELLEAK CASE FORM

Review Date 2/14/89
Rev Status C

Site Name UNOCAL #5484
Streetnumber 18950
Street LAKE CHABOT RD
City CASTRO VALLEY
County Number 01

Priority A3
Rank 2+1+3=6

Division LPC
Lead Agency U

Primary Substance 8006619

Secondary Substance -

Waste Oil -

Case Type U (G) D
Status N

Well Status IW/NW

Soil Affected (Y) U
Max. Soil Conc. (ppm) 79
Max. Residual Soil (ppm) -
Soil Status N

Groundwater Affected (Y) U
Max. Groundwater Impact 7800
Groundwater Status N
Depth to Groundwater 5

Drinking Water Affected Y (U)
Drinking Water Status N

Remedial Action NT
Proof Action Needed AD

Date of Last Corr 11/14/88
Date Case Received 11/14/88

Case Evaluated By MCC
Consultant APG Lab APG

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Existing Case
Co = 01

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415) 271-4320

May 24, 1989

MAY 30 1989 S.H.

Mr. Tim Ross
UNOCAL Corporation
2175 North California Blvd.
Suite 650
Walnut Creek, CA 94596

RE: TANK CLOSURE APPLICATION, UNOCAL #5484, 18950 LAKE CHABOT RD.,
CASTRO VALLEY

Dear Mr. Ross:

Our office has completed a review of the tank closure plan dated April 20, 1989 for the referenced facility as submitted by Robert H. Lee & Associates. The following items must be addressed prior to the issuance of this department's approval of these plans:

1. Provide the EPA Waste Generator Identification Number for this site. (Item 5)
2. Provide the name, address and phone number of the prime contractor engaged in tank removals. Indicate the contractor's license number and license type. (Item 6)
3. Provide assurance that a minimum of two (2) confirmatory soil samples will be collected from beneath each tank, one sample from each end, at the native soil/backfill interface. Include proposed sampling protocol for soil and water sample collection if groundwater is present in the tank excavations. Refer to RWQCB guidelines. (Item 13)
4. Provide brief description of tank leak history. Present application indicates that no leaks have occurred in the past. (Item 14)
5. Provide a summary of sample preparation and analysis methods for soil and water samples to be collected beneath and/or adjacent to the fuel and waste oil tanks. Please be specific. These tests and preparation methods must reflect the RWQCB's

Mr. Tim Ross
UNOCAL Corporation
RE: 18950 Lake Chabot Rd.
Castro Valley
May 24, 1989
Page 2 of 2

Recommended Minimum Verification Analyses for Underground Tank Leaks, Table #2, October 6, 1988 revision (attached). (Item 17)

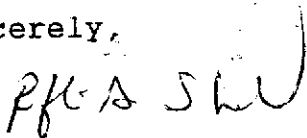
6. Submit a site safety plan. Please reference the February 1989 closure plan instruction sheet, Item 3, issued by this agency (enclosed). (Item 18)
7. Provide a copy of the Workman's Compensation Certificate and the name of the insurer. (Item 19)
8. Provide an abbreviated plot plan to be kept together with the closure form, so that the tank installation plans may be kept separate. (Item 20)
9. Please have prime contractor sign and date the amended application.

Please respond to the above list of items through the submittal, in triplicate, of an amended tank closure plan.

On a related matter, we are not in receipt of the required deposit for time spent in review and oversight of the new tank installation plans. Please remit a check totalling \$663 to cover county costs during this phase of site activity. Checks should be made payable to Alameda County.

Should you have any questions, please call Scott Seery, Hazardous Materials Specialist, at 415/271-4320.

Sincerely,



Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SOS:mam

cc: Tracy Lum, Robert H. Lee & Associates
Perry Maraftabi, Alameda County Building and Inspection Dept.
Bob Bohman, Castro Valley Fire Dept.
Scott Hugenberger, RWQCB
Scott Seery, Alameda County Hazardous Materials Division
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Existing
Co-01

MAY 24 1989

No computer charges

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415) 271-4320

May 19, 1989

Mr. Tim Ross
Unocal Corporation
2175 North California Blvd.
Walnut Creek, CA 94596

RE: AMENDED WELL LOCATION PROPOSAL FOR SITE ASSESSMENT AT
UNOCAL STATION #5484, 18950 LAKE CHABOT ROAD, CASTRO VALLEY

Dear Mr. Ross:

We are in receipt of and have reviewed the May 5, 1989 amendment to the March 22, 1989 Applied GeoSystems revised subsurface investigation proposal for the referenced site. This letter shall serve as approval from this office for the amended plan and schedule for its implementation.

Please call Scott Seery, Hazardous Materials Specialist, at 415/271-4320 if you have further questions.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SOS:mam

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Division
Scott Hugenberger, RWQCB
Carlo Sendaydiego, ACPWA
Howard Hatayama, DHS
Jon Luellan, Applied GeoSystems
Scott Seery, Alameda County Hazardous Materials Division
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Existing

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415) 271-4320

April 28, 1989

ST MAY 03 1989

QUALITY CONTROL BOARD

No changes

Mr. Tim Ross
UNOCAL Corporation
2175 North California Blvd.
Walnut Creek, CA 94596

RE: WORK PLAN FOR DELINEATING GROUNDWATER CONTAMINATION AT
UNOCAL STATION #5484, 18950 LAKE CHABOT RD., CASTRO VALLEY

Dear Mr. Ross:

Our office has received and reviewed the modified proposal, as submitted by Applied Geosystems under cover dated March 22, 1989, for conducting a supplemental subsurface investigation at the referenced site in order to further evaluate the lateral and vertical impact upon groundwater from fuel hydrocarbons. As was previously stated in the February 15 letter from this office and the February 9 Applied Geosystems quarterly letter report, investigative work to date has clearly identified the need for continued work off-site to delineate the extent of down gradient contamination. This letter shall serve as approval from this agency for the proposed activity.

We understand, however, that the proposed locations of monitoring wells MW-4, -5, and -6 have been modified following your interaction with the Alameda County Public Works Agency (ACPWA) regarding encroachment permits for the Lake Chabot Road right-of-way. Further, we also understand that permission to drill on the privately-owned property at 18959 Lake Chabot Road is still being sought. Please keep us advised of your progress in obtaining clearances for the installation of these wells, and when work is scheduled to begin.

As you discussed with Scott Seery of this office during a phone conversation of April 27, we will make every attempt possible to expedite review of the recently submitted tank closure and installation plans for this site. Please be advised, however, that the removal and replacement of existing tanks is generally not a simple matter when known contamination exists. There will likely be extensive soil excavation and confirmatory soil sampling activities following tank removal to ensure that all reasonable attempts have

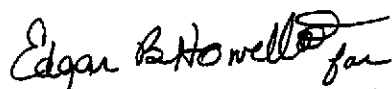
SGH 5/23/89

Mr. Tim Ross
UNOCAL Corporation
April 28, 1989
Page 2 of 2

been made to remediate the site. We will contact you once the referenced plans have been initially reviewed.

Should you have any questions or require any assistance from this department regarding this proposed phase of the groundwater investigation, please call Scott Seery, Hazardous Materials Specialist, at 415/271-4320.

Sincerely,



Rafat A. Shahid, Chief
Hazardous Materials Program

RAS:SOS:mam

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Lisa McCann, RWQCB
Carlo Sendaydiego, ACPWA
Howard Hatayama, DHS
Jon Luellen, Applied Geosystems
Scott Seery, Alameda County Hazardous Materials Program
Files

ALAMEDA COUNTY
HEALTH CARE SERVICE

DAVID J. KEARS AGENCY
Agency Director



Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
(415) 271-4320

February 15, 1989

FEB 17 1989 DDD

07

Mr. R.L. Folda, Manager of
Maintenance and Construction
Unoca Stations
P.O. Box 8175
Walnut Creek, CA 94596

RE: 18950 Lake Chabot Rd., Castro Valley, CA 94546

Dear Mr. Folda:

We have received your last quarterly groundwater monitoring report dated, January 6, 1989, from Applied GeoSystems. We concur with your consultants recommendation that additional work be conducted at the above site to delineate the extent of free-phase and dissolved hydrocarbon contamination. Please submit this investigative plan within thirty (30) days of the receipt of this letter.

If you have any questions, please contact Larry Seto, Senior Hazardous Materials Specialist or Scott Seery, Hazardous Materials Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mnc

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency

✓ Lisa McCann, RWQCB
Howard Hatayama, DOHS

DATE:

TO : Local Oversight Program

FROM:

SUBJ: Transfer of Eligible Oversight Case

Site name: Unocal # 5484

Address: 18950 Lake Chabot Rd. city C.V. zip 94546

Closure plan attached? Y N DepRef remaining \$ _____

DepRef Project # _____ STID #(if any) 1713

Number of tanks: 23 removed? Y N Date of removal June 16, 1989

Leak Report filed? Y N Date of Discovery _____

Samples received? Y N Contamination: soil, water

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

Monitoring wells on site Yes Monitoring schedule? Y N

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

Briefly describe the following:

Preliminary Assessment _____

Remedial Action _____

Post Remedial Action Monitoring _____

Enforcement Action _____

Soil sample up to 4,300ppm TPH-G