

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

April 14, 2006

Shelby Lathrop (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818

Dear Ms. Lathrop:

Subject: Fuel Leak Case No. RO0000058, Unocal Service Station No. 6129,
3420 – 35th Avenue, Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed "Work Plan for Additional Subsurface Site Assessment Activities" dated October 11, 2004 and "Work Plan Addendum - Site Assessment Activity" dated January 31, 2006, both prepared by Delta Environmental Consultants, Inc. We request that you perform the proposed work and send us the technical reports requested below.

TECHNICAL REPORT REQUEST

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

- June 14, 2006 - Soil and Groundwater Investigation Report
- July 31, 2006 – 2nd Quarter 2006 Groundwater Monitoring Report
- October 31, 2006 - 3rd Quarter 2006 Groundwater Monitoring Report
- January 31, 2007 - 4th Quarter 2006 Groundwater Monitoring Report
- April 30, 2007 - 1st Quarter 2007 Groundwater Monitoring Report

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

ELECTRONIC SUBMITTAL OF REPORTS

"Work Plan Addendum - Site Assessment Activity" dated January 31, 2006, prepared by Delta Environmental Consultants, Inc., was neither submitted to the county's ftp site nor to the Geotracker website.

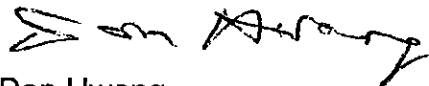
Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at don.hwang@acgov.org

If you have any questions, I may be reached at (510) 567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

C: Daniel Davis, Delta Environmental Consultants, Inc., 3164 Gold Camp Dr.,
Suite 200, Rancho Cordova, CA 95670
Donna Drogos
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT
7-23-04

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

July 23, 2004

Thomas Kosel
Elizabeth Sewell
ConocoPhillips (76) Station
76 Broadway
Sacramento, CA 94563

Dear Mr. Kosel & Ms. Sewell:

Subject: Fuel Leak Case No. RO0000058, Unocal #6129, 3420-35th Ave., Oakland, CA

Alameda County Environmental Health staff has reviewed "Limited Phase II Environmental Site Assessment Report", dated November 25, 2003, by Miller Brooks Environmental, Inc. We request that you address the following technical comments and send us the technical reports requested below.

TECHNICAL COMMENTS

1. Site Characterization - Up to 2,700 ug/l methyl tertiary-butyl ether (MTBE) has been detected in onsite monitoring wells. The lateral and vertical extent of your dissolved contaminant plume is undefined. Please propose additional sampling locations to define the plumes associated with your site in the Work Plan requested below. Include geologic cross-sections and show soil and groundwater analytical results, utility conduits, well screens, etc., and explain your rationale for the additional sampling locations. You may want to consider performing an investigation to quickly define the location of the contaminant plume downgradient from the release site prior to installing the permanent monitoring network. That will allow you to optimize the location and depth of the permanent wells, thereby reducing the cost of the monitoring work. Collection of groundwater samples using a one-time direct push water sampling tool would be appropriate for this investigation.
2. Source Characterization - Up to 1,200 mg/kg Total Petroleum Hydrocarbons-Gasoline (TPH-G) and was detected in contaminated soil collected from downgradient borings MW-3 at 5 feet. Thus, the source area has not been delineated. We request that you propose additional borings to delineate the lateral and vertical extent of soil contamination in the source area. Please propose boring locations in the Work Plan requested below.

- 3 . Preferential Pathway Survey – We request that you perform a preferential pathway study that details the potential migration pathways and potential conduits (wells, utilities, pipelines, etc.) for horizontal and vertical migration that may be present in the vicinity of the site.
 - a) Utility Survey - Please submit map(s) and cross-sections showing the location and depth of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s). Evaluate the probability of the contaminant plumes encountering preferential pathways and conduits that could spread the contamination, particularly in the vertical direction to deeper water aquifers. Please submit with the Work Plan requested below.
 - b) Well Survey – Locate wells within a quarter mile radius of the site. Show the location of the wells and the site on a map and tabulate well construction details for each well. Please submit with the Work Plan requested below.
- 4 . Historical Hydraulic Gradients – Please show using a rose diagram with magnitude and direction; include cumulative groundwater gradients in all future reports submitted for this site.
- 5 . Groundwater Monitoring Frequency – The wells have only been sampled once. Please monitor quarterly. Please include with the Work Plan requested below.
- 6 . Quantity of Boring Samples – Only one sample per boring was provided. A minimum of a soil sample every 5 ft. is required. A sample is required at the interface between the groundwater and the unsaturated soils, sampling will also be required at changes of lithology, and at areas of obvious contamination.
- 7 . Monitoring Well Screen Lengths - Screen lengths were 20 ft. We request that monitoring networks be depth discrete, generally, screened intervals of 3 to 5 feet in length.
- 8 . Perjury Statement - All work plans, technical reports, or technical documents submitted to this office must be accompanied by a cover letter from the responsible party that states, at a minimum, the following:

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

This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

TECHNICAL REPORT REQUEST

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

Mr. Kosel & Ms. Sewell
July 23, 2004
Page 3 of 3

- September , 200 - Work Plan
- 60 days after Work Plan approval - Soil and Water Investigation Report
- October 31, 2004 - 3rd Quarter 2004 Groundwater Monitoring Report
- January 31, 2005 - 4th Quarter 2004 Groundwater Monitoring Report
- April 30, 2005 - 1st Quarter 2005 Groundwater Monitoring Report
- July 31, 2005 - 2nd Quarter 2005 Groundwater Monitoring Report

If you have any questions, I may be reached at (510) 567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

C: Miller Brooks Environmental, Inc., 720 Southpoint Blvd., Suite 207, Petaluma, CA 94954
Donna Drogos
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R058

RAFAT A. SHAHID, Assistant Agency Director

STID # 518
August 26, 1994

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

Mr. Syed Rizvi
Unocal, M. E. and C. Department
Unocal
P.O. Box 2390
Brea, California 92622-2390

Re: FIVE YEAR UNDERGROUND STORAGE TANK PERMIT AT,
UNOCAL #6129, 3420 35th AVENUE, OAKLAND 94619

Dear Mr. Rizvi:

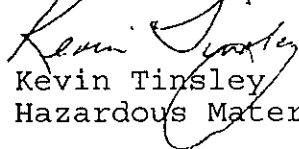
Enclosed is your five year permit to operate two underground fuel tanks and one waste oil tank at the above referenced facility. These tanks are double-walled with fiberglass coating. Their associated piping is also double-walled, with fiberglass secondary piping.

To operate under a valid permit, you are required to comply with the conditions in Title 23 of the California Code of Regulations (CCR). Based on these requirements, both tanks and piping are monitored by an electronic alarm system.

You may consult the revised Title 23, CCR for additional requirements. To obtain a copy of the regulations, you may contact the State Water Resources Control Board at (916) 657-0917.

Please, do not hesitate to contact me with any questions at (510) 271-4320, Monday through Thursday.

Sincerely,


Kevin Tinsley
Hazardous Materials Specialist

c, Edgar Howell, Chief - files (kt)
Brian Oliva, Hazardous Materials Specialist
Jason Ma, Unocal Dealer

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

RAFAT A. SHAHID, Agency Director



R058

RAFAT A. SHAHID, Assistant Agency Director

December 28, 1993

CERTIFIED MAILER #: P 386 338 263

Unocal SS #6129
3420 - 35th Ave.
Oakland, 94619
UGTID: 518

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

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE TANK(S)
3420 - 35th Ave. Oakland, 94619**

Dear Owner/Operator:

According to our records your facility referenced above has not received a five-year permit to operate UST's. In order to obtain a permit you must complete the following items marked below and return them within 30 DAYS. The necessary forms are enclosed. You may complete a "Consolidated Underground Tank Management Plan" which will assist you in preparing a monitoring plan, site plot plan and spill response plan for your tank(s). If supplemental information or forms are required, please submit it to this office with the completed questionnaire and application forms:

- ___ 1. An accurate and complete plot plan.
- ___ 2. A written spill response plan. (enclosed)
- ___ 3. A written tank monitoring plan. (enclosed)
- ___ 4. Results of precision tank test(s), (initial and annual).
- ___ 5. Results of precision pipeline leak detector tests (initial and annual).
- ___ 6. Complete UST PERMIT FORM A-one per facility. (enclosed)
- ___ 7. Complete UST PERMIT FORM B-one per tank. (enclosed)
- ___ 8. Complete UST PERMIT FORM C-one per tank if information is available. (enclosed)
- ___ 9. Letter stating how the tank is to be maintained during one year closure.

Be advised that Title 23 of the California Code of Regulation prohibits the operation of "ANY" UST without a permit. If our records are in error, you must contact this office immediately TO AVOID POSSIBLE ENFORCEMENT ACTION. Please feel free to contact this office at (510) 271-4320; to answer any questions which may arise in completing the mandatory five-year permit process. Be prepared to provide your zip code to speak with the Hazmat Specialist handling your case.

Sincerely,

Ron Owcarz

Ron Owcarz
HazMat Specialist

c: Edgar Howell, Chief, Hazardous Materials Div. (files)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R058

Certified Mail #P 062 128 323

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

November 21, 1990

Mr. Tim Ross
Unocal Corporation
2175 N. California Blvd., Suite 650
Walnut Creek, CA 94569

RE: Unocal Station, 3420 - 35th Street, Oakland, CA

Dear Mr. Ross:

We have not received any quarterly monitoring well results from the well results from the wells at the above site. Please submit within then (10) days of the receipt of this letter, all of your monitoring wells quarterly reports from the date of installation.

If you have any questions, please contact me at 271-4320.

Sincerely,

Larry Seto, Senior,
Hazardous Materials Specialist

LS:mnc

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

RWQCB

Charlene Williams, DOHS

Rafat A. Shahid, Assistant Agency Director, Environmental Health
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R058

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

May 24, 1990

Mr. Ron Bock
Unocal Corporation
2175 N. California Blvd., #650
Walnut Creek, CA 94596

RE: Unocal Station #6129, 3420 - 35th Ave., Oakland, CA

Dear Mr. Bock:

I have reviewed your continuing subsurface investigation plan dated April 23, 1990, that was prepared by Kaprealian Engineering for the above site. I concur with your consultants recommendation of excavation of the contaminated soil between the pump island and exploratory boring EB3. Confirmatory samples must be taken every 200 cu. ft. on the side walls and floor of the excavation.

In addition, please send me a copy of Kaprealian Engineering proposal KEI-P89-0902.P2, dated February 5, 1990.

If you have any questions, please contact me at (415) 271-4320.

Sincerely,

Larry Seto, Senior,
Hazardous Materials Specialist

LS:mnc

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

RWQCB

Charlene Williams, DOHS

Rafat A. Shahid, Assistant Agency Director, Environmental Health
Files