

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



SENT  
5-23-05

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

May 20, 2005

Richard G. Horn, P.E. Operations Team Manager Operations, Real Estate and  
Remediation Services  
Unocal Corporation  
Real Estate, Remediation Services, Mining Operations and Carbon  
276 Tank Farm Road  
P.O. Box 1 069  
San Luis Obispo, California 93406

Dear Mr. Horn:

Subject: Fuel Leak Case RO0002561, Former Unocal Facility #4070 71 West  
Tennyson Road, Hayward, California

Alameda County Environmental Health (ACEH) staff has reviewed "Work Plan for  
Additional Site Assessment" dated March 15, 2004 and "Site Map with Revised  
Proposed Boring Locations" dated May 20, 2005, both by ENSR Corporation  
(ENSR). Your Work Plan with the revision is approved. We request that you  
implement the Work Plan with the revision, address the following comments, and  
send us the technical reports requested below.

TECHNICAL COMMENTS

- 1) Site Characterization – Only the collection of onsite samples is proposed. This data will be used to resolve the disparity between the grab groundwater concentrations versus the groundwater monitoring well concentrations and thus determine if the lateral and vertical extent of the dissolved contaminant plumes have been defined. Please submit your findings in the soil and groundwater investigation report requested below.
- 2) ESLs Exceeded – Previous groundwater and soil samples exceeded San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs). The data collected from implementation of the Work Plan will be used to determine if additional investigation and evaluation of potential environmental concerns is warranted. Please submit your findings in the soil and groundwater investigation report requested below.

Mr. Horn  
May 20, 2005  
Page 2 of 2

## TECHNICAL REPORT REQUEST

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

July 20, 2005 – Soil and Groundwater Investigation Report

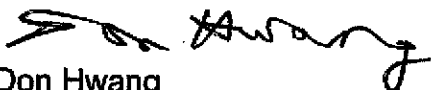
These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance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

### PERJURY STATEMENT

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

If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang

Hazardous Materials Specialist  
Local Oversight Program

c: Dave Peacock, ENSR, 1420 Harbor Bay Parkway, Suite 120, Alameda,  
CA 94502 -7098  
Donna Drogos  
File

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



SENT  
d-14-05

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
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January 14, 2005

Richard G. Horn, P.E. Operations Team Manager Operations, Real Estate and  
Remediation Services  
Unocal Corporation  
Real Estate, Remediation Services, Mining Operations and Carbon  
276 Tank Farm Road  
P.O. Box 1 069  
San Luis Obispo, California 93406

Dear Mr. Horn:

Subject: Fuel Leak Case RO0002561, Former Unocal Facility #4070 71 West  
Tennyson Road, Hayward, California

Alameda County Environmental Health (ACEH) staff has reviewed "Site Closure  
Request" dated October 12, 2004 by ENSR Corporation (ENSR). We deny your  
request for regulatory closure of the site. We request that you address the  
following comments and send us the technical reports requested below.

#### TECHNICAL COMMENTS

- 1) Site Characterization - Up to 84,000 ug/l TPPHg and 220 ug/l benzene were detected downgradient by the property boundary (GP-2), 29,000 ug/l, 2,500 ug/l, and 970 ug/l TPPHg, were detected in GP-3, GP-1, and GP-4, respectively, all were grab groundwater samples collected July 2001. Also in groundwater monitoring wells sampled from November 5, 2002 to March 22, 2004, up to 840 ug/l TPHg and 8.5 ug/l benzene were detected in MW-2, and 250 ug/l TPHmo was detected in MW-4. Additionally, note that the grab groundwater concentrations were up to 100 times greater than the groundwater monitoring well concentrations. Please propose groundwater sampling to define the lateral and vertical extent of the dissolved contaminant plumes, and to resolve the disparity between the grab groundwater concentrations versus the groundwater monitoring well concentrations in the Work Plan requested below.
- 2) Source Characterization - Up to 1,300 mg/kg TPPHg, and 3.3 mg/kg benzene were detected in onsite soil samples. Both were collected from GP-2 at 10 ft. below ground surface (bgs) on July 1, 2001. Also, 160 mg/kg TPPHg and 0.36 mg/kg benzene were detected in GP-3 at 10 ft. bgs on July 1, 2001. Additionally, soil samples B-1/MW-1 thru B-4/MW-4 collected adjacent to the former locations of the underground tanks and

dispensers were only at 5 ft. bgs. Please propose soil sampling to define the lateral and vertical extent of soil contamination in the Work Plan requested below.

- 3) ESLs Exceeded – The aforementioned groundwater and soil samples exceeded San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs). Additional investigation and evaluation of potential environmental concerns is warranted. Please include your proposal in 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) 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.

#### TECHNICAL REPORT REQUEST

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

March 17, 2005 – Work Plan

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.

#### PERJURY STATEMENT

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

Mr. Horn  
January 14, 2005  
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satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

UNDERGROUND STORAGE TANK CLEANUP FUND

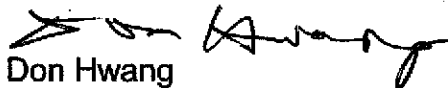
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6746.

Sincerely,

  
Don Hwang

Hazardous Materials Specialist  
Local Oversight Program

c: Dave Peacock, ENSR, 1420 Harbor Bay Parkway, Suite 120, Alameda,  
CA 94502 -7098  
Donna Drogos  
File

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



12-2-02

PO 2461

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

November 27, 2002

Mr. Doug Herman  
Port of Oakland  
P.O. Box 2064  
Oakland, CA 94604

Dear Mr. Herman:

Subject: SLIC Site CO0000124, Request to Abandon Monitoring Wells at Former Seabreeze  
Yacht Center, 280 6<sup>th</sup> Ave., Oakland, CA 94606

Alameda County Environmental Health has reviewed your request to destroy wells PW-1 through PW-4 and MW-SB-1 at the above referenced site. With the concurrence of the SFRWQCB, our offices approves of your request. However, please be aware that site closure will be dependent and consistent with future site use, unless a deed restriction is recorded.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files  
B. Graham, SFRWQCB

Wellc1280 6thAve