

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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10:15 am, Nov 03, 2008

Alameda County  
Environmental Health

February 9, 2005

Thomas H. Kosel, Site Manger, Risk Management and Remediation  
ConocoPhillips  
76 Broadway  
Sacramento, CA 95818

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

Dear Mr. Kosel,

Subject: Fuel Leak Case No. RO0000298, Unocal Service Station No. 4625,  
3070 Fruitvale Ave., Oakland, CA

Alameda County Environmental Health staff has reviewed "Work Plan for Limited Subsurface Investigation" dated July 23, 2003, prepared by Gettler-Ryan. We disapprove the Work Plan. We request that you address the following technical comments and send us the technical reports requested below.

TECHNICAL COMMENTS

- 1) Groundwater Monitoring Wells - We do not agree with the proposed monitoring wells. We feel that it would be premature to install more monitoring wells without additional groundwater sampling to determine the location of the plume for optimal well locations. Please submit a Work Plan for groundwater sampling, which will determine the optimal locations for additional monitoring wells.
- 2) 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.
- 3) 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. Please submit with the Work Plan requested below.

Mr. Kosel  
February 9, 2005  
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## TECHNICAL REPORT REQUEST

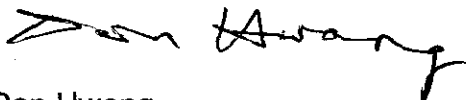
Please submit technical reports to Alameda County Environmental Health (Attention: Don Hwang), according to the following schedule:

April 9, 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.

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

Sincerely,



Don Hwang  
Hazardous Materials Specialist  
Local Oversight Program

C: Roger Batra, TRC, 1590 Solano Way, Suite A, Concord, CA 94520  
Donna Drogos  
File