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Alameda County
Environmental Health

QUARTERLY SUMMARY REPC
4TH QUARTER - 1993
(SEPTEMBER - NOVEMBER)

FILE #	SS	BP		
RPT	QM	TRANSMITTAL		
1	2	3 X 4	5	6

Unocal Service Station #5043
449 Hegenberger Road
Oakland, California

County: Alameda

RWQCB office: San Francisco Bay Region

BACKGROUND

The subject site contains a Unocal service station facility. Six monitoring wells have been installed at the site. Free product is currently detected in one well (MW1).

RECENT QUARTER ACTIVITIES

All six of the monitoring wells were monitored monthly and were sampled once (November 3, 1993) during the quarter, except for well MW1, which was not sampled due to the presence of free product. Documentation of the sample collection techniques, monitoring data, and the analytical results from the recent sampling activities are presented in KEI's quarterly report (KEI-P91-1004.QR6) dated December 6, 1993.

The extent of the ground water contamination has not been defined in the vicinity of the Unocal site. Therefore, KEI has recommended the installation of four additional monitoring wells.

NEXT QUARTER ACTIVITIES

Continuation of the monthly monitoring and quarterly sampling program for all wells. A continuous surface-skimming free product device has been installed in well MW1. Any free product that has accumulated in the skimming device installed in MW1 will be removed during the monthly monitoring events. KEI will proceed with the proposed well installations as soon as all permits and off-site access permission have been received.

CHARACTERIZATION / REMEDIAL STATUS

Soil contamination delineated? No.

Dissolved ground water contamination delineated? No. KEI has recommended the installation of four additional monitoring wells in order to define the extent of the ground water contamination.

Free product delineated? Yes. Free product is currently detected in only one well (MW1).

Amount of GW contaminant recovered this quarter? <1 oz. of product
Amount of GW contaminant recovered historically? 5 oz. of product

Soil remediation in progress? Yes. Contaminated soil detected beneath the product piping was overexcavated to depth of 4.5 feet below grade (ground water depth) in October of 1991.

- Anticipated start? *
- Anticipated completion? * Completed in October of 1991.

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Dissolved/free product remediation in progress? Yes. As an interim remedial measure, KEI has installed a free-product skimming device in MW1. This device is designed to continuously skim free product from the water table in the vicinity of this well. The free product is removed from the device during the regular monitoring events.

- Anticipated start? Ongoing.
- Anticipated completion? Unknown.

CONSULTANT: Kaprealian Engineering, Inc.

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