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Alameda County  
Environmental Health

**QUARTERLY SUMMARY REPORT**  
2ND QUARTER - APRIL 1996  
(FEBRUARY - APRIL)

FILE #	1871	SS	✓	BP	
REPORT	QM	TRANSMITTAL			
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Unocal Service Station #1871  
96 MacArthur Boulevard  
Oakland, California

County: Alameda

RWQCB office: San Francisco Bay Region

**BACKGROUND**

The subject site contains an operating Unocal service station and auto repair facility. According to Roux Associates, the product dispensers, pump islands, and the product piping were replaced in May of 1992, and three monitoring wells were installed at the site in October of 1992. The 280-gallon waste oil tank was replaced in August of 1994 with a 520-gallon double-walled steel waste oil storage tank. The waste oil tank pit was overexcavated to a depth of 14 feet below grade in order to remove contaminated soil. Two exploratory borings and two additional monitoring wells were installed in March of 1996. A total of five monitoring wells currently exist at the site.

**RECENT QUARTER ACTIVITIES**

The five monitoring wells were monitored and sampled once (April 18, 1996) during the quarter. Documentation of the sample collection techniques, monitoring data, and the analytical results from the recent quarterly sampling activities are presented in MPDS Services, Inc's. report (MPDS-UN1871-11) dated May 16, 1996. Per a request for the Alameda County Health Care Services Agency, two exploratory borings and two additional monitoring wells were installed at the site in March of 1996. A technical report documenting this phase of work will be submitted next quarter.

**NEXT QUARTER ACTIVITIES**

Continuation of the semi-annual monitoring and sampling program for all the wells. The technical report for the two additional wells and two exploratory borings will be submitted in May 1996.

**CHARACTERIZATION / REMEDIAL STATUS**

Soil contamination delineated? Predominantly. The extent of soil contamination in the vicinity of the waste oil tank appears to be well defined in the cross-gradient directions. However, an elevated concentration of TOG was detected in the capillary fringe zone soil downgradient of the waste oil tank.

Dissolved ground water contamination delineated? No.

Free product delineated? N/A - No free product is currently detected in any well.

Amount of GW contaminant recovered this quarter? 0 gal.

Amount of GW contaminant recovered historically? 0 gal.

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Soil remediation in progress? N/A. The waste oil tank pit was overexcavated to a depth of 14 feet below grade in order to remove contaminated soil.

- Anticipated start? N/A.
- Anticipated completion? Partial completion in August of 1994.

Dissolved/free product remediation in progress? No. Once the extent of ground water contamination has been adequately defined, KEI will evaluate various ground water remediation alternatives, including a no-action alternative.

- Anticipated start? The above steps will be initiated once the extent of ground water contamination has been adequately defined.
- Anticipated completion? Unknown.

CONSULTANT: Kaprealian Engineering, Inc.

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