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S.F.
Alvarez

QUARTERLY SUMMARY REPORT
4TH QUARTER - 1996
(AUGUST - OCTOBER)

RECEIVED
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Alameda County
Environmental Health

Unocal Service Station #1871
96 MacArthur Blvd.
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 (October 24, 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-UN1871-13) dated December 2, 1996. Per a letter from the Alameda County Health Care Services Agency, the monitoring and sampling program will be reduced from quarterly to semi-annually (first and third quarters).

NEXT QUARTER ACTIVITIES

Continuation of the semi-annual monitoring and sampling program for all the wells.

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.

1871	SS	<input checked="" type="checkbox"/>	BP	_____
_____	GM	_____	TRANSMITTAL	_____
_____	2	3	<input checked="" type="checkbox"/>	4
_____	5	6	_____	_____

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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. KEI will evaluate various ground water remediation alternatives, including a no-action alternative.

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

CONSULTANT: Kaprealian Engineering, Inc.

QSR\1871.QR4