

DeWITT

**QUARTERLY SUMMARY REPORT**

2nd QUARTER - 1995  
(MARCH - MAY)

**RECEIVED**

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Alameda County  
Environmental Health

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. The waste oil tank was removed from the site in September of 1994. Eight monitoring wells have been installed at the site. Monitoring wells MW4 and MW5 were destroyed in February of 1995. Free product is intermittently detected in two wells (MW1 and MW2). Replacement of the underground fuel tanks and product piping was conducted in March of 1995.

**RECENT QUARTER ACTIVITIES**

All four existing monitoring wells (MW3, MW6, MW9, and MW10) were monitored twice and were sampled once (May 18, 1995) during the quarter, except for well MW6, which was inaccessible and thus was not sampled. Documentation of the sample collection techniques, monitoring data, and the analytical results from the recent sampling activities are presented in MPDS Services, Inc's. report (MPDS-UN5043-06) dated June 15, 1995.

Wells MW1 and MW2 were properly destroyed on April 14 and March 29, 1995, respectively, in order to accommodate overexcavation activities in the area of the dispenser islands.

**NEXT QUARTER ACTIVITIES**

Continuation of the quarterly monitoring and sampling program for all wells.

KEI will proceed with the proposed well installations (MW7 and MW8) as soon as all permits and off-site access permission have been received. Additionally, replacement of the four destroyed wells will be addressed once the construction activities at the site are complete.

**CHARACTERIZATION / REMEDIAL STATUS**

Soil contamination delineated? Predominantly. The UST's and product piping were replaced at the site (beginning) on March 7, 1995. Significant overexcavation of contaminated soil was conducted associated with the UST replacement and site reconstruction project. The final confirmatory soil samples collected from the excavations indicated relatively low residual concentrations of hydrocarbons remaining at the site, ranging from non-detectable to 70 mg/kg, except for two samples collected along the property line adjacent to Hegenberger Road (in which TPH as gasoline was detected at 110 mg/kg and 150 mg/kg).

Dissolved ground water contamination delineated? Partially. Benzene is currently non-detectable in the northern most well, MW9. KEI has recommended the installation of additional monitoring wells in order to further define the extent of the ground water contamination.

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Free product delineated? Yes. Free product is currently not detected in any wells.

Amount of GW contaminant recovered this quarter? 2 oz. of product  
Amount of GW contaminant recovered historically? 17 oz. of product

Soil remediation in progress? Yes. Excavation of contaminated soil is being conducted concurrent with the UST and product piping replacement project.

- Anticipated start? 1995.
- Anticipated completion? Unknown.

Dissolved/free product remediation in progress? Yes. As ground water accumulates during excavation activities, it is pumped from the excavations and properly disposed of. As of June 2, 1995, a cumulative total of approximately 125,000 gallons of ground water were purged from the site.

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

CONSULTANT: Kaprealian Engineering, Inc.

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