

De Witt
SF RWQCB

QUARTERLY SUMMARY REPORT
3rd QUARTER - 1995
(JUNE - AUGUST)

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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

Two of the four existing monitoring wells (MW9 and MW10) were monitored and sampled once (August 17, 1995) during the quarter. 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-UN5043-07) dated September 6, 1995.

Wells MW3 and MW6 were apparently damaged during site construction activities, and thus were not sampled.

NEXT QUARTER ACTIVITIES

Due to the fact that only two monitoring wells are currently in operable condition (MW9 and MW10), it is not feasible to continue monitoring and sampling until the two damaged wells (MW3 and MW6) are repaired. Repair of wells MW3 and MW6 can more cost effectively be conducted when combined with the installation of the proposed wells.

KEI will proceed with the proposed well installations (MW7 and MW8) as soon as off-site access permission has 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).

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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 contami-
nation.

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 was conducted concurrent with the UST and product piping
replacement project. A total of approximately 6,444 cubic yards of
hydrocarbon-impacted soil were excavated and properly disposed.

- Anticipated start? N/A.
- Anticipated completion? June 1995.

Dissolved/free product remediation in progress? N/A. A cumulative
total of approximately 125,000 gallons of ground water were purged
from the site during excavation activities.

- Anticipated start? N/A.
- Anticipated completion? June 1995.

CONSULTANT: Kaprealian Engineering, Inc.

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