

QUARTERLY SUMMARY REPORT
1ST QUARTER - 1997
(JANUARY - MARCH)

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Alameda County
Environmental Health

Unocal Service Station #7376
4191 First Street
Pleasanton, California

County: Alameda

RWQCB office: San Francisco Bay Region

BACKGROUND

The subject site currently contains a Unocal gasoline marketing facility. An active petroleum pipeline and the location of a former railroad exist downgradient of the site. Reportedly, the site formerly contained a service station (Armour Oil, Inc.) prior to Unocal's acquisition. The former owners/operators have also been named as responsible parties (RP) for the site. The underground fuel storage tanks were reportedly replaced by the former operator in 1987. The product piping was replaced by Unocal at the site in September of 1994. A total of five exploratory borings have been drilled at the site. A total of six monitoring wells currently exist at the site. One well (MW2) was properly destroyed and replaced (MW2B) in February of 1995.

RECENT QUARTER ACTIVITIES

The six existing wells (MW1, MW2B, and MW3 through MW6) were monitored and sampled once (March 7, 1997) 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-UN7376-09) dated April 10, 1997.

NEXT QUARTER ACTIVITIES

Continuation of the quarterly monitoring and sampling of all wells. Additional delineation work has been requested by the Alameda County Health Care Services (ACHCS) Agency. Tosco (formerly Unocal) is currently formulating a plan of action.

CHARACTERIZATION / REMEDIAL STATUS

Soil contamination delineated? Predominantly. A maximum concentration of 65 ppm of TPH as gasoline was detected in the final soil samples collected from the product piping trenches, except for sample P13 collected near the southern dispenser island. Soil samples collected from EB1 indicate that contamination in the area of the southern dispenser island appears to terminate at a depth of approximately 60 feet below grade. Additionally, the soil samples collected from the wells and borings appears to indicate that hydrocarbon contamination terminates at a depth of approximately 70 feet below grade at the site. Off-site sources of hydrocarbons have been identified downgradient of the site.

Dissolved ground water contamination delineated? Partially. BTEX constituents have been relatively low to non-detectable in MW1, MW4, and MW6. Off-site sources of hydrocarbons have been identified downgradient of the site.

Free product delineated? N/A. No free product has been detected at the site.

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Amount of GW contaminant recovered this quarter? N/A
Amount of GW contaminant recovered historically? N/A

Soil remediation in progress? Partially Complete. Accessible soil contamination was overexcavated from around the dispenser islands and product piping trenches in 1994 during product piping replacement activities.

- Anticipated start? N/A
- Anticipated completion? Partially Complete 1994

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

- Anticipated start? Unknown
- Anticipated completion? Unknown

CONSULTANT: Kaprealian Engineering, Inc.

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