

QUARTERLY SUMMARY REPORT
2ND QUARTER - 1992
(JANUARY - JUNE)

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Alameda County
Environmental Health

Unocal Service Station #3072
2445 Castro Valley Boulevard
Castro Valley, California

County: Alameda

RWQCB Office: San Francisco Bay Region

BACKGROUND

The subject site contains a Unocal service station and auto care facility. Three underground fuel storage tanks, one waste oil tank, and the product piping were removed from the site in November of 1989 through February of 1990 during tank replacement activities. The fuel tank pit and the waste oil tank pit were subsequently overexcavated in order to remove contaminated soil. Five monitoring wells and eight exploratory borings have been installed at the site. No free product has been detected in any well to date.

RECENT QUARTER ACTIVITIES

All five monitoring wells were monitored quarterly and sampled once (June 18, 1992) during the semi-annual reporting period. Documentation of the sample collection techniques, monitoring data, and the analytical results from the recent sampling activities are presented in KEI's report (KEI-P89-1106.QR6) dated July 23, 1992.

NEXT QUARTER ACTIVITIES

Continuation of the quarterly monitoring and semi-annual sampling program for all wells. The wells will be monitored once next quarter and sampled the following quarter.

CHARACTERIZATION / REMEDIAL STATUS

Soil contamination delineated? Yes. The analytical results of all the soil samples collected from the exploratory borings drilled around the perimeter of the tanks and piping showed TPH as gasoline levels less than or equal to 5 ppm, and benzene levels less than or equal to 0.04 ppm.

Dissolved ground water contamination delineated? Yes. All of the wells currently show non-detectable levels of TPH as gasoline and BTX&E.

Free product delineated? N/A - no free product has been detected in any well to date.

Amount of GW contaminant recovered this quarter? N/A

Amount of GW contaminant recovered historically? N/A

Soil remediation in progress? Yes. Contaminated soil detected in the fuel tank pit and the waste oil tank pit was overexcavated to a depth of 12 feet below grade (ground water depth) in October of 1989 through March of 1990.

- Anticipated start? *
- Anticipated completion? * Completed in March of 1990.

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Dissolved/free product remediation in progress? N/A - all wells currently show non-detectable levels of TPH as gasoline and BTX&E.

- Anticipated start? N/A
- Anticipated completion? N/A

CONSULTANT/CONTRACTOR: Kaprealian Engineering, Inc.

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