

QUARTERLY SUMMARY REPORT

4TH QUARTER - 1991
(OCTOBER - DECEMBER)

MAR 06 1992

PENNY L. SILZER

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

County: Alameda

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10:23 am, Apr 23, 2009

Alameda County
Environmental Health

BACKGROUND

The site is currently used as a gasoline station and auto care facility. Three underground fuel storage tanks, one waste oil tank, and 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 monthly and sampled once (December 20, 1991) during the quarter. Documentation of the sample collection techniques, monitoring data, and the analytical results from the recent quarterly sampling activities are presented in KEI's quarterly report (KEI-P89-1106.QR5) dated January 20, 1992. Based on the analytical results collected and evaluated to date, KEI recommended reducing the monitoring frequency for all wells from monthly to quarterly, and reducing the sampling frequency for all wells from quarterly to semi-annually.

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 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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