

QUARTERLY SUMMARY REPORT
4TH QUARTER - 1999
(OCTOBER-DECEMBER)

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Alameda County
Environmental Health

Former Tosco (Unocal) Service Station #1871
96 MacArthur Blvd.
Oakland, California

County: Alameda

RWQCB office: San Francisco Bay Region

BACKGROUND

The subject site formerly contained a Tosco service station. According to Roux Associates, the product dispensers, pump islands, and the product piping were replaced in May of 1992, and three monitoring wells were installed at the site in October of 1992. The 280-gallon waste oil tank was replaced in August of 1994 with a 520-gallon double-walled steel waste oil storage tank. The waste oil tank pit was overexcavated to a depth of 14 feet below grade in order to remove contaminated soil. Two exploratory borings and two additional monitoring wells were installed in March of 1996. The station was destroyed and all onsite equipment was removed in May 1998. A total of 1,253 tons of hydrocarbon-impacted soil was removed and transported to an appropriate disposal facility. Wells MW-2 through MW-5 were destroyed in September 1998; well MW-1 remains. Three replacement wells (MW-6, MW-7, MW-8) were installed and two soil borings and six off-site geoprobes were advanced in June 1999. A revised RBCA evaluation was prepared and submitted in the second quarter of 1999.

RECENT QUARTER ACTIVITIES

The quarterly summary report was prepared and submitted. Issued a work plan for the installation of off-site monitoring wells and a possible RBCA addendum. Apply for off-site access permit with Caltrans.

NEXT QUARTER ACTIVITIES

Perform semi-annual groundwater monitoring and sampling event. The quarterly summary report will be prepared and submitted. Implement the work plan upon receipt of off-site access.

CHARACTERIZATION / REMEDIAL STATUS

Soil contamination delineated? Predominantly. The extent of soil contamination in the vicinity of the waste oil tank appears to be well defined in the cross-gradient directions. However, an elevated concentration of TOG was detected in the capillary fringe zone soil downgradient of the waste oil tank.

Dissolved ground water contamination delineated? No.

Free product delineated? N/A. No free product is currently detected in any well.

Amount of GW contaminant recovered this quarter? 0 gal.

Amount of GW contaminant recovered historically? 0 gal.

Soil remediation in progress? N/A. The waste oil tank pit was overexcavated to a depth of 14 feet below grade in order to remove contaminated soil. Approximately 1,253 tons of contaminated soil was removed during station demolition activities in May 1998.

- Anticipated start? N/A.
- Anticipated completion? Partial completion in May of 1998

Dissolved/free product remediation in progress? No.

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

CONSULTANT: Gettler-Ryan Inc.