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Alameda County
Environmental Health

QUARTERLY SUMMARY REPORT

3rd QUARTER - 1999

(Jul. - Sep.)

Tosco 76 Branded Facility No. 6419
6401 Dublin Blvd.
Dublin, California

County: Alameda

RWQCB office: San Francisco Bay Region

BACKGROUND

The subject site contains an operating 76 service station/mini-mart/carwash facility. Two gasoline underground storage tanks (USTs), one waste oil UST, one underground septic tank, and the associated product piping were removed from the site in September 1993 during UST and piping replacement activities. Three ground water monitoring wells have been installed at the site in February 1994. Oxygen-releasing compound (ORC®) socks were previously installed in MW-1 in an attempt to increase oxygen availability in the vicinity of the well in order to stimulate bioremediation. Four additional on-site monitoring wells were installed in May 1999. The seven monitoring wells are currently monitored and sampled semi-annually.

RECENT QUARTER ACTIVITIES: Monitored and sampled the existing monitoring wells. Prepared and submitted report documenting monitoring well installation.

NEXT QUARTER ACTIVITIES: Prepare quarterly summary reporting.

CHARACTERIZATION / REMEDIAL STATUS

Soil contamination delineated? Yes. No significant hydrocarbon-impacted soil was encountered during the removal and replacement of the UST and piping system in September of 1993. The maximum concentration of TPH as gasoline (TPHg) encountered was 9.7 ppm in one of the piping trench soil samples. In addition, no detectable concentrations of TPHg or BTEX were found in any of the soil samples collected during the installation of the three monitoring wells.

Dissolved ground water contamination delineated? No. Recent samples collected from monitoring wells MW-1 through MW-7 have shown very low to predominantly non-detectable concentrations of TPHg or any BTEX constituents, however, MTBE was detected in MW-1 at 140,000 ppb during the quarter. MTBE concentrations in wells MW-2 through MW-7 ranged from non-detectable to 230 ppb for the most recent samples.

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

Amount of GW contaminant recovered this quarter? 0 gal.

Amount of GW contaminant recovered historically? 0 gal.

Soil remediation in progress? N/A. Based on the analytical results of all of the soil samples collected during both the UST and piping replacement and the monitoring well installation projects, no significant hydrocarbon-impacted soil has been encountered at the site.

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

Dissolved/free product remediation in progress? No. Once the dissolved hydrocarbon plume is adequately defined, various remedial alternatives, including a no-action alternative, will be evaluated. In addition and as previously stated, ORC® was added to well MW-1 in an effort to stimulate the bioremediation process.

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

CONSULTANT: Gettler-Ryan Inc.

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