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Alameda County
Environmental Health

QUARTERLY SUMMARY REPORT
4th QUARTER - 2000
(Oct. - Dec.)

TOSCO 76 SERVICE STATION No. 6419
6401 Dublin Blvd.
Dublin, CA

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. 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. Three ground water monitoring wells have been installed at the site in February 1994. No detectable concentrations of TPHg or BTEX were found in any of the soil samples collected during the installation of the three monitoring wells. 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. In November 1999, a 4" diameter PVC well casing was installed in the existing UST pit backfill for use in purging MTBE-impacted groundwater. 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 wells MW-1, MW-4 and MW-6 at concentrations of 42,800, 3,710 and 4,280 ppb, respectively, during the most recent sampling event. MTBE concentrations in wells MW-2, MW-3, MW-5 and MW-7 ranged from 17.9 to 927 ppb for the most recent samples. The seven monitoring wells are currently monitored and sampled semi-annually.

RECENT QUARTER ACTIVITIES: Purged 3,000 to 5,000 gallons of groundwater from the tank pit well on 11 occasions. Prepared and submitted Remedial Status Report.

NEXT QUARTER ACTIVITIES: Monitor and sample groundwater monitoring wells. Continue weekly purging of tank pit well.

CHARACTERIZATION/REMEDIAL STATUS:

Soil contamination delineated? yes

Dissolved ground water delineated? no

Free product delineated? none

Amount of impacted groundwater recovered this quarter? 49,500 (gal)

Amount of impacted groundwater recovered historically? 209,300 (gal)

Soil remediation in progress? no

-anticipated start? N/A

-anticipated completion? N/A

Dissolved/free product remediation in progress? yes

-anticipated start? December 1999

-anticipated completion? unknown

CONSULTANT/CONTRACTOR: Gettler-Ryan Inc.