

MOBIL OIL CORPORATION
ENVIRONMENTAL PROJECT
QUARTERLY STATUS REPORT

Date Report Submitted: January 15, 1993
Quarter Ending: December 1992

Mobil Station: 04-H6J
Address: 1024 Main Street, Pleasanton, California

County: Alameda

Mobil Contact: Mr. Cherine Foutch

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Background:

In October 1989, the service station was closed and four underground tanks removed. Petroleum hydrocarbons were detected in soil samples collected from the tank cavity. Since March 1990, seven ground water monitoring wells have been installed onsite and two offsite.

Ground water appears to be present in at least two distinct water-bearing zones; at 25 and 45 feet below grade (fbg). The zones are influenced by local water discharges from Kaiser Sand and Gravel into the Arroyo Valle canal, causing fluctuations up to 7 feet in the water of the lower water-bearing zone. Since August 1991, the upper water-bearing zone has been intermittently dry. Attempts to correlate surface water discharges to Arroyo Valle by Kaiser Sand and Gravel with ground water elevation changes have been unsuccessful in the past.

Summary of this Quarter's Activities:

On October 27, 1992, ground water monitoring and sampling was performed.

Result of Quarterly Monitoring:

Ground water Monitoring Wells MW-3, MW-7, and MW-8 were dry and therefore not sampled. MW-5 did not contain sufficient water to sample. In addition, MW-2 contained trace free-floating hydrocarbons (sheen).

The apparent ground water gradient direction on October 27, 1992 was east-southeast at the eastern portion of the site.

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TPH-G ranging from 850 (MW-6) to 13,000 (MW-9) parts per billion (ppb) was detected in Wells MW-1, MW-4, MW-6, MW-8, and MW-9. Benzene was detected in Wells MW-1, MW-4, MW-6, and MW-9 at 320, 440, 27, and 2,400 ppb.

Proposed Activity for Next Quarter:

<u>Activity</u>	<u>Estimated Completion Date</u>
Monitor possible offsite influences and fluid levels, and pump out free product, if necessary	Ongoing
Perform quarterly monitoring and sampling	January 22, 1993
Perform Vapor Extraction Test	January/February 1993
Prepare quarterly report	February 1993

cc: Mr. Rich Mueller, City of Pleasanton Fire Department, Pleasanton, California
Mr. Lester Feldman, RWQCB, Oakland, California
Mr. & Mrs. Yates, Bonne Tarre, Maryland
Mr. Gerry Killingstad, Alameda County FC & WCD, Zone 7, Pleasanton, California