

July 21, 1992

Mr. Paul Smith
Alameda County Health Services
Environmental Health Division
80 Swan Way, Suite 200
Oakland California 94621

Subject: Quarterly Status Reports for Mobil Oil Projects
within the RWQCB, San Francisco Bay Region

Dear Mr. Smith:

Enclosed are copies of the recent quarterly status report for Mobil Station 04-E6A and 04-EWB located within the Regional Water Quality Control Board (rwqcb), San Francisco Bay Region jurisdiction. This quarterly report summarizes activities performed during April, May, and June 1992. This report is submitted on behalf of Michele Fear and Ed Hoepker, Mobil Oil Corporation.

If you have any questions or comments regarding this matter,
please call.

Sincerely,

ALTON GEOSCIENCE


Christine Ladd
Staff Geologist

enclosure

cc: Mr. Lester Feldman
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland California 94612

MOBIL OIL CORPORATION
ENVIRONMENTAL PROJECT
QUARTERLY STATUS REPORT

Date Report Submitted: July 15, 1992
Quarter Ending: June 1992

Mobil Station: 04-E6A
Address: 100 MacArthur Avenue, Oakland, California

County: Alameda

Mobil Contact: Michele Fear

Tel. No.: (703) 849-5316

Background:

In September 1988, a waste oil tank was removed. Analysis of a soil sample collected from the tank cavity detected up to 64,000 parts per million (ppm) total oil and grease (TOG). Alton Geoscience installed three monitoring wells October 1989. Analysis of soil samples collected during well installation indicated no levels of total petroleum hydrocarbons (TPH) at or above reported detection limits. Analysis of water samples collected from the wells did not detect TPH at or above reported detection limits, however, concentrations of up to 6.5 parts per billion (ppb) benzene were detected.

Summary of this Quarter's Activities:

Performed quarterly ground water monitoring and sampling May 19, 1992.

Results of Quarterly Monitoring:

Quarterly report submitted July 6, 1992.

Average depth to ground water ranged from 11.80 to 15.52 feet below grade (fbg), with an average hydraulic gradient of 0.063 foot/foot to the southwest.

Ground water samples from MW-1, MW-2, and MW-3 were analyzed for total petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and halogenated volatile organic compounds (HVOCs). MW-1 was also analyzed for TOG and total petroleum hydrocarbons as diesel (TPH-D). Analysis of ground water samples from MW-1 detected 4,200 ppb TPH-G, 440 ppb benzene, and 910 ppb TPH-D. HVOCs were not detected at or above reported detection limits in MW-1. TPH-G and BTEX were not detected at or above reported detection limits in the ground water samples from MW-2 and MW-3; 0.55 ppb benzene was detected in MW-2.

Mobil Station 04-E6A
July 15, 1992
Page 2

Proposed Activity for Next Quarter:

Activity

**Estimated
Completion Date**

Project transferred to another consultant.

cc: Ms. Michele Fear, Mobil Oil Corporation, Fairfax, Virginia
Mr. Lester Feldman, RWQCB, Oakland, California
Mr. Peter DeSantis, BP Oil Company, Rancho Cordova, California
Mr. Paul Smith, Alameda County Health Care Services, Oakland, California

Mr. Smith
July 21, 1992
Page 2

cc: Mr. Ed Hoepker
Mobil Oil Corporation
836-B Southampton Road, # 300
Benicia California 94510-1907

Mr. Peter DeSantis
BP Oil Company
2868 Prospect Park Drive, Suite 360
Rancho Cordova California 95679

Mr. Lester Feldman
Regional Water Quality Control Board
2101 Webster Street, Suite 500
Oakland California 94612

Mr. Paul Smith
Hazardous Materials Division
Alameda County Health Care Services
80 Swan Way, Suite 200
Oakland California 94621