

R0253



July 2, 2004

TRC Project No. 42010201

Don Hwang
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Quarterly Status Report - Fourth Quarter 2003
76 Service Station #5781, 3535 Pierson Street, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Fourth Quarter 2003 Quarterly Status Report for the subject site.

PREVIOUS ASSESSMENTS

The subject site is currently an operating service station located on the northwest corner of the intersection of Pierson Street and the Highway 580 off ramp in Oakland, California. Station facilities include two 12,000-gallon double-wall fiberglass clad steel gasoline underground storage tanks (USTs), one 520-gallon fiberglass clad steel waste oil UST, two dispenser islands and associated double-walled fiberglass piping, and a station building.

December 1989: Two 10,000 gallon steel fuel USTs and one 280-gallon steel waste oil UST and associated product piping were removed. No holes or cracks were observed in the gasoline USTs, however a hole was observed in the waste oil UST. Confirmation soil sampling was conducted. Petroleum hydrocarbon levels were non-detect or low beneath the fuel USTs and piping. Total oil and grease (TOG) levels were elevated beneath the waste oil tank. The waste oil UST pit was over-excavated to the extent permitted by the station building and buried utilities. Four sidewall samples were collected at depths ranging from 9 to 10 feet below ground surface (bgs) following the over-excavation. Maximum residual TOG levels were elevated.

April 1990: Three exploratory soil borings were advanced to depths ranging from approximately 40 to 50 feet bgs, and soil samples were collected. Petroleum hydrocarbon levels were non-detect in the soil samples. Since groundwater was not encountered, monitoring wells were not installed.

July 1990: Two soil borings were advanced adjacent to the former waste oil tank cavity to determine if waste oil impacted soil was limited to the immediate area surrounding the former waste oil UST. Groundwater was encountered at depths from approximately 33.5 to 36.7 feet bgs and a grab groundwater sample was collected from each boring. Maximum levels of petroleum hydrocarbons and volatile organic compounds in soil and grab groundwater samples were non-detect to low.

December 1991: One monitoring well was installed to a depth of 45 feet bgs.

October 2003: Site environmental consulting responsibilities were transferred to TRC.

SENSITIVE RECEPTORS

According to information in Geotracker, four active wells owned by East Bay Regional Park District are located 2,193 feet northeast of the site.

MONITORING AND SAMPLING

Groundwater samples have been collected on a quarterly or annual basis since the installation of well MW-A. Total petroleum hydrocarbons as gasoline (TPH-g), benzene, and methyl tertiary butyl ether (MTBE) have not been detected during the monitoring and sampling events. Total petroleum hydrocarbons as diesel (TPH-d) have been sporadically detected. TOG has been detected on two occasions at concentrations of 7 parts per million and 5,900 parts per billion (GR, 2003).

One well is currently monitored annually. The well was not gauged or sampled this quarter.

CHARACTERIZATION STATUS

The site is monitored and sampled annually. The next monitoring and sampling event is scheduled for the first quarter of 2004.

REMEDIATION STATUS

December 1989: The waste oil UST pit was over-excavated to 16 feet bgs, approximately 35 feet to the east, 10 feet to the west, 15 feet to the south, and 2 feet to the north. The station building and buried utilities prevented further excavation except to the east.

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

No gauging or sampling was performed this quarter.

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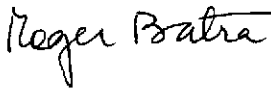
NEXT QUARTER ACTIVITIES

Perform the annual groundwater monitoring and sampling to verify data trends through the first quarter of 2004.

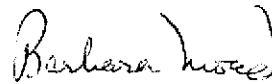
If you have any questions regarding this report, please call Roger Batra at (925) 688-2466.

Sincerely,

TRC



Roger Batra
Senior Project Manager



Barbara Moed, R.G.
Senior Project Geologist



cc: Thomas Kosel, ConocoPhillips (hard copy and electronic upload)