R0408

76 Broadway
Sacramento, CA 95818
phone 916.558.7676
fax 916.558.7639

ConocoPhillips

August 2, 2005

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Document Transmittal**
Fuel Leak Case
76 Station #3135
845 66th Avenue
Oakland, CA

Dear Mr. Hwang:

Please find attached TRC's *Quarterly Status Report, dated 7/29/05* for the above referenced site. I declare, under penalty of perjury, that to the best of my knowledge the information and/or recommendations contained in the attached proposal or report are true and correct.

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely,

Thomas H. Kosel
Site Manger, Risk Management and Remediation
ConocoPhillips
76 Broadway, Sacramento, CA 95818

Attachment
cc: Roger Batra, TRC

TRC

Customer-Focused Solutions

July 29, 2005 TRC Project No. 42013806

Mr. Don Hwang
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, California 94502-6577

RE: Quarterly Status Report - Second Quarter 2005
76 Station #3135, 845 66th Avenue, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Second Quarter 2005 Status Report for the subject site.

PREVIOUS ASSESSMENTS

The subject site is situated on the northwest corner of San Leandro Street and 66th Avenue in Oakland, California. Station facilities currently include two gasoline underground storage tanks (USTs), a 550-gallon waste oil UST, three dispenser islands under canopies, and a service station building. The product dispensers utilize a balanced vapor recovery system.

Historical data indicate that the site has been a service station since 1947. Renovation of the site first occurred in 1967, when the size of the site expanded to its current configuration.

1989: Two 10,000-gallon gasoline USTs, one 280-gallon waste oil UST and product piping were removed from the site. Confirmation soil samples collected from the UST pit indicated low residual maximum concentrations of Total Petroleum Hydrocarbons as gasoline (TPH-g), benzene, and Total Oil and Grease (TOG). After confirmation soil sampling, approximately 5,000 gallons of groundwater was removed from the UST pit and disposed offsite. A groundwater sample was collected and analyzed after recharge of the UST pit and contained TPH-g at 7,900 parts per billion (ppb) and benzene at 850 ppb. Confirmation soil samples collected from the product piping trench indicated low maximum residual concentrations of TPH-g and benzene.

April 1990: Two shallow soil borings were advanced and three groundwater monitoring wells were installed to depths of approximately 22 feet below ground surface (bgs).

August 1990: Three groundwater-monitoring wells (MW-4 through MW-6) were installed.

January 1991: A hydropunch survey was performed at the site.

March 1991: The pre-1967 UST pit was over-excavated, and two concrete slabs were removed from depths of approximately 8.5 and 10 feet bgs. Approximately 2,000 cubic yards of impacted soil was removed from the site and properly disposed of. Over-excavation was limited by existing product piping. Confirmation soil samples from the former UST pit indicated low to moderate residual concentrations of TPH-g. Approximately 20,000 gallons of groundwater were pumped from the former UST pit prior to backfilling and properly disposed of.

September 1992: Three groundwater-monitoring wells were installed in the streets adjacent to the site.

April 1993: One groundwater monitoring well was installed at the site.

August 1998: Oxygen Releasing Compound (ORC) was installed in monitoring well MW-6 to assist with biological attenuation of hydrocarbon compounds. Starting in 1999, the following bio-attenuation parameters have been measured at the site: nitrate, sulfate, ferrous iron, dissolved oxygen, and, oxidation-reduction potential. According to Gettler-Ryan, Inc.'s (GR) Annual Monitoring and Sampling Report dated April 19, 2001, review of these parameters indicate that bio-attenuation is occurring at the site.

July 2001: One offsite well boring was installed to a depth of 20 feet bgs.

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

SENSITIVE RECEPTORS

A sensitive receptor survey has not been performed for this site.

MONITORING AND SAMPLING

Groundwater monitoring and sampling has been ongoing at the site since 1990. Historical groundwater flow directions have varied from northeast, northwest, southwest and southeast. A historical groundwater flow directions figure was prepared by GR as part of the *Site Conceptual Model*, dated May 19, 2000.

Currently, seven onsite and four offsite wells are monitored semi-annually. No wells were gauged or sampled this quarter.

CHARACTERIZATION STATUS

The site is monitored and sampled semi-annually. The next monitoring and sampling event is scheduled for the third quarter of 2005.

REMEDIATION STATUS

March 1991: The pre-1967 UST pit was over-excavated. Approximately 2,000 cubic yards of impacted soil was removed from the site and properly disposed offsite. Approximately 20,000 gallons of groundwater were pumped from the former UST pit prior to backfilling and properly disposed offsite.

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

May 24, 2005: TRC submitted the Dual-Phase Extraction Report to Alameda County Health Services.

CURRENT QUARTER ACTIVITIES

No gauging or sampling was performed this quarter.

NEXT QUARTER ACTIVITIES

Continue semi-annual monitoring and sampling to assess plume stability and concentration trends at key wells.

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

Sincerely,

TRC

Roger Batra
Senior Project Manager

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