ConocoPhillips
76 Broadway
Sacramento, California 95818

July 31, 2007

Ms. Donna Drogos
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Quarterly Status Report – second Quarter 2007
76 Station no. 0752
800 Harrison Street
Oakland, CA

Dear Ms. Drogos:

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please contact me at (916) 558-7612.

Sincerely,

Bill Borgh

Bill Borgh
Site Manager – Risk Management and Remediation

Attachment

1590 Solano Way
#A
Concord, CA 94520

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July 31, 2007

TRC Project No. 126029

Ms. Donna Drogos
Supervising Hazardous Materials Specialist
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Quarterly Status Report – Second Quarter 2007
76 Service Station #0752, 800 Harrison Street, Oakland, California
Alameda County

Dear Ms. Drogos:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Second Quarter 2007 Status Report for the subject site. The subject site is a 76 service station located northeast and across 8th Street from a Shell service station that is located adjacent to and northeast of a currently closed Arco service station. In addition, a gasoline and diesel service station referred to as "Mandarin Auto Service" is located east-southeast of the site.

PREVIOUS ASSESSMENTS

November 1990: Kaprealian Engineering, Inc's. (KEI) initial fieldwork was conducted when two underground gasoline storage tanks (USTs) and a waste oil tank were removed from the site. The tanks were made of steel, and no apparent holes or cracks were observed in the fuel tanks; however, a 1/8 inch square hole was observed in the waste oil tank. KEI collected an additional soil sample from the fuel tank pit at a depth of approximately 19 feet below ground surface (bgs).

December 1990: KEI returned to the site to collect soil samples from beneath the pump islands. KEI returned to the site in order to collect a sample from the pump island excavation.

January 1991: At the request of the Alameda County Health Care Services (ACHCS), KEI returned to the site in order to collect one additional soil sample from the waste oil tank pit. After sampling, the waste oil tank pit was excavated to the sample depth of 9.5 feet bgs.

May 1991: Three monitoring wells and two exploratory borings were installed at the site. The monitoring wells were drilled and completed to total depths ranging from 33 to 35 feet bgs. The exploratory borings were each drilled to total depths of 23 feet bgs.

Groundwater was encountered at depths ranging from about 22.5 to 24 feet bgs during drilling. Based on the analytical results, a monthly groundwater monitoring and quarterly groundwater-sampling program was implemented.

September-October 1992: Three additional monitoring wells were installed to further delineate the extent of groundwater contamination. These wells were drilled to total depths ranging from 32 to 33 feet bgs. Groundwater was encountered at depths ranging from 21.5 to 23 feet bgs.

April 1993: Two additional monitoring wells were installed in the vicinity of the site. These monitoring wells were drilled to a total depth of 31 to 33 feet bgs. Groundwater was encountered at depths of 21 to 21.5 feet bgs. Based on the analytical results of all of the soil samples collected, KEI concluded that the horizontal extent of the soil contamination at the site had been defined, and that the contamination was limited to the areas beneath the fuel tanks and the southernmost pump island. Based on the groundwater monitoring data collected and evaluated through April of 1993, the groundwater flow direction had been consistently to the southwest or south-southwest. In addition, no free product or sheen had been detected in any well through April of 1993. KEI recommended quarterly monitoring frequency.

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

February 5-7, 2007: TRC conducted a soil and groundwater investigation, which involved the advancement of two onsite and four offsite deep exploratory borings using a Cone Penetration Testing (CPT) rig in order to evaluate the presence of deeper water bearing zones and to determine the lateral distribution of dissolved-phase hydrocarbons in the shallow water-bearing zone.

SENSITIVE RECEPTORS

Lake Merritt and the Oakland Estuary are located approximately 0.5 miles from the site. A sensitive receptor survey has not been performed for this site.

MONITORING AND SAMPLING

Currently, four offsite and four onsite wells are monitored and sampled semi-annually during the first and third quarters. Wells were not monitored or sampled during this second quarter. During the first quarter 2007, the groundwater flow direction is toward the southwest at a calculated hydraulic gradient of 0.008 feet per foot. This is consistent with historical trends.

CHARACTERIZATION STATUS

Wells were not sampled during this second quarter 2007. During the first quarter 2007, total petroleum hydrocarbons as gasoline (TPH-g) were detected in seven of the eight wells sampled at a maximum concentration of 8,700 micrograms per liter (µg/l) in monitoring well MW-3. Benzene was detected in four of the eight wells sampled at a maximum concentration of 180 µg/l in well MW-3. MTBE was detected in all eight wells sampled at a maximum concentration of 8,900 µg/l in monitoring well MW-3.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

In February 2007, TRC conducted a soil and groundwater investigation, which involved the advancement of two onsite and four off-site deep exploratory borings using a Cone Penetration Testing (CPT) rig in order to evaluate the presence of deeper water bearing zones and to determine the lateral distribution of dissolved-phase hydrocarbons in the shallow water-bearing zone. TRC is currently evaluating the data and will present our recommendations for any additional work in a subsequent correspondence.

CONCLUSIONS AND RECOMMENDATIONS

TRC implemented the initial phase of the field investigation (CPT hydropunch borings) outlined in the March 13, 2006 Additional Soil and Groundwater Investigation Work Plan and will present our recommendations for additional well installations to the ACHCS for approval prior to scheduling that work. Upon completion of the scope of work outlined in the March 13, 2006 work plan, TRC will evaluate various remedial alternatives and submit a work plan for remediation feasibility testing.

TRC recommends continuing semi-annual monitoring and sampling, using current purging and sampling methods, to assess plume stability and concentration trends at key wells. In addition, TRC will complete an updates sensitive receptor survey for the site.

If you have any questions regarding this report, please call me at (925) 688-2488.

Sincerely,

Ted Moise
Senior Project Manager

Keith Woodburne, P.G.
Senior Project Manager

REGISTERED GEOLOGIST
KEITH L. WOODBURNE
No. 7607
exp 1/07
STATE OF CALIFORNIA

cc: William Borgh, ConocoPhillips (electronic upload only)

TRC