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. 3135
845 66th Avenue
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

925.688.1200 PHONE
925.688.0388 FAX

www.TRCsolutions.com

July 31, 2007 TRC Project No. 125866

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 Station #3135, 845 66th Avenue, 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 located 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.

PREVIOUS ASSESSMENTS

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. 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.

September 1992: Three offsite groundwater monitoring wells were installed in the streets.

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 indicates 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

February 27, 2006: TRC completed a sensitive receptor survey for the site. According to the California Department of Water Resources (DWR) records, no water supply wells were located within a one-half mile radius of the Site. Surface water bodies within a one-half mile of the Site include Damon Slough and Lion Creek, located approximately 775 feet south and 525 feet southeast of the site, respectively.

MONITORING AND SAMPLING

Currently, seven onsite and four offsite wells are monitored semi-annually during the first and second quarters. Wells were not monitored or sampled during this second quarter 2007. The groundwater gradient flow direction during the first quarter 2007 was toward the south at a calculated hydraulic gradient of 0.012 feet per foot. Historical groundwater flow directions have been quite variable at the site. A graph of historical groundwater flow directions is included as an attachment to the report.

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 three of the eleven wells sampled, with a maximum concentration of 2,400 micrograms per liter (µg/l) in onsite well MW-6. Benzene was detected in two of the eleven wells sampled, with a concentration of 9.4 µg/l in onsite well MW-6. MTBE was detected in six of the eleven wells sampled, with a maximum concentration of 31 µg/l in onsite well MW-2.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

There have been several electronic correspondences between representatives of the Alameda County Health Care Services and TRC to clarify the rationale used in selecting data for use in a Tier II Risk-Based Corrective Action (RBCA) evaluation.

CURRENT QUARTER ACTIVITIES

Currently, seven onsite and four offsite wells are monitored semi-annually during the first and second quarters. No wells were monitored or sampled during this second quarter 2007.

CONCLUSIONS AND RECOMMENDATIONS

TRC will follow up with the ACHCS regarding the February 27, 2006 Addendum to the SCM and the request for No Further Action until all questions have been resolved, and a clear path forward is determined. However, to expedite this process, TRC requests a meeting with the ACHCS to finalize questions or issues related to the SCM and RBCA.

In addition, TRC recommends continuing semi-annual monitoring and sampling to assess plume stability and concentration trends at key wells pending site closure.

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

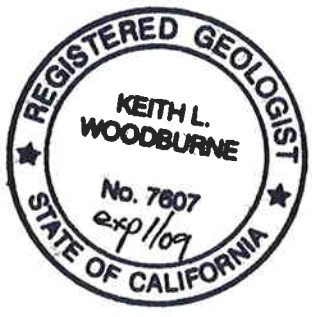
Sincerely,

Ted Moise
Senior Project Manager

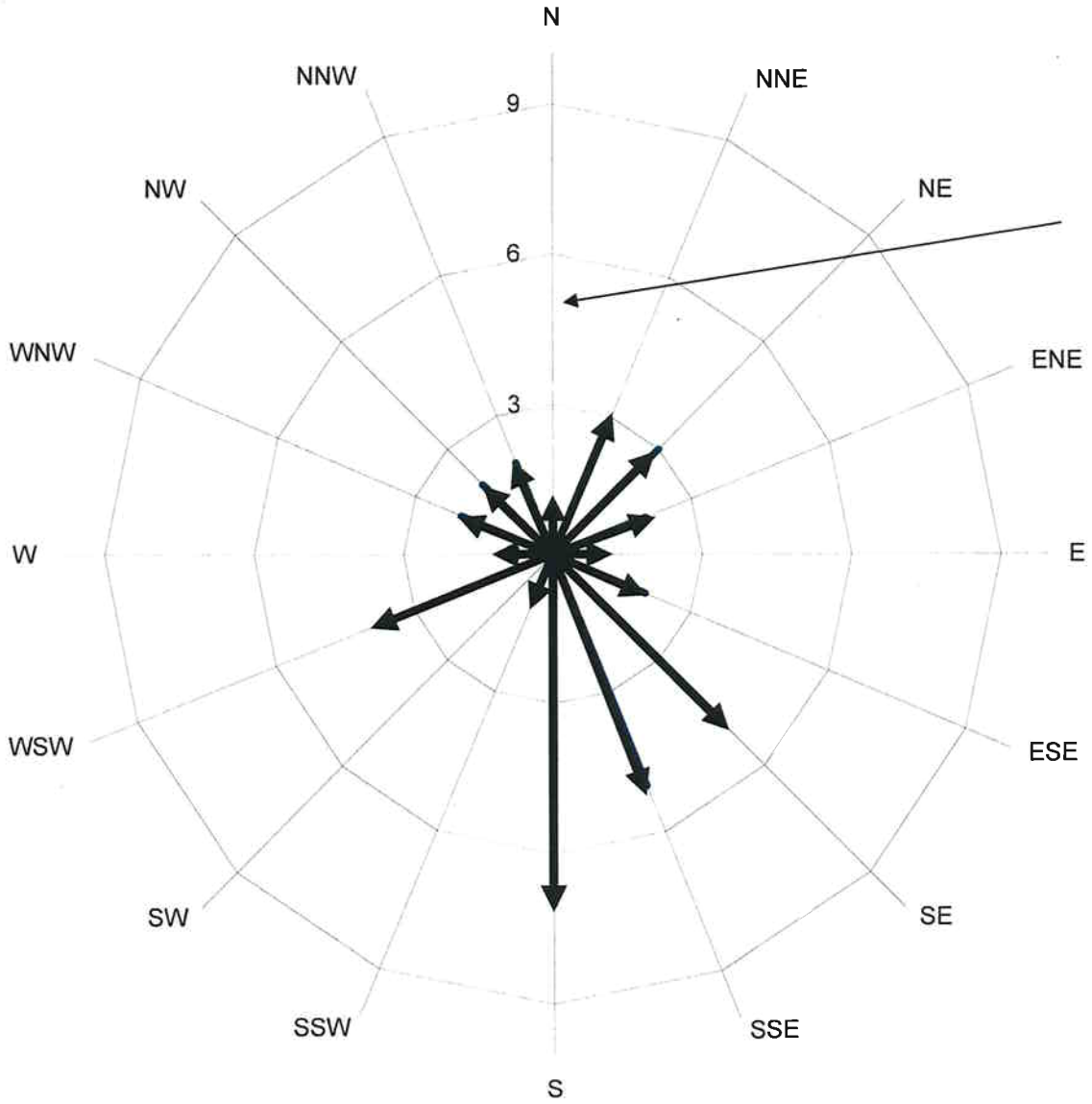
Keith Woodburne, P.G.
Senior Project Manager

Attachment: Historical Groundwater Flow Directions – February 1992 through June 2007

cc: Bill Borgh, ConocoPhillips (electronic upload only)



Historical Groundwater Flow Directions
for Tosco (76) Service Station No. 3135
February 1992 through June 2007



Number of monitoring events in which groundwater was reported to flow in a particular direction.