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Customer-Focused Solutions

January 7, 2005 TRC Project No. 42017301

Mr. Jim Tischler
North Coast Regional Water Quality Control Board
5550 Skylane Blvd., Suite A
Santa Rosa, California 95403

RE: Quarterly Status Report – Third Quarter 2004
76 Station #5830, 2799 Yulupa Avenue, Santa Rosa, California
Sonoma County

Dear Mr. Tischler:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Third Quarter 2004 Quarterly Status Report for the subject site.

PREVIOUS ASSESSMENTS

The subject site is located at the western corner of the intersection of Yulupa Avenue and Bethards Drive in Santa Rosa, California. Station facilities include two gasoline underground storage tanks (USTs), a 550-gallon waste oil UST, two dispenser islands under a canopy, and a service station building. The site is located adjacent to and east of a paved shopping center parking lot.

March 1988: One 10,000-gallon unleaded gasoline UST, one 10,000-gallon super unleaded gasoline UST, and one 280-gallon waste oil UST were removed. Groundwater was encountered in the fuel UST pit at a depth of 15 feet below ground surface (bgs). Confirmation soil samples were collected from the sidewalls of the fuel UST pit, beneath the waste oil UST, and from the product line trenches. One groundwater sample was collected from the fuel UST pit. Petroleum hydrocarbon levels in soil samples were non-detect to low. The groundwater sample collected from the UST pit contained moderate levels of total petroleum hydrocarbons as gasoline (TPH-g) and low levels of benzene.

June 1988: Three monitoring wells were installed to depths of 25 to 30 feet bgs. Groundwater was encountered at depths ranging from 12 to 15 feet bgs.

October 1989: One monitoring well was installed at the site. The monitoring well was completed at a depth of 22 feet bgs. Groundwater was encountered at a depth of 10.5 feet bgs.

January 1991: Four monitoring wells were installed to depths ranging from 20 to 25 feet bgs. Groundwater was generally encountered at a depth of approximately 15 feet bgs.

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October 1991: A groundwater sample was collected from well MW-2, located downgradient of the waste oil UST, and was analyzed for the Leaking Underground Fuel Tank (LUFT) 5 metals, and semivolatile organic compounds (SVOCs), in accordance with the Regional Water Quality Control Board's request in a letter dated August 15, 1991. Since no SVOCs were detected, and the levels of the five metals were considered to be background levels, these analyses were discontinued. The frequency of groundwater monitoring was reduced to quarterly in 1991.

February 2000: Three offsite soil borings were advanced depths of 12 to 16 feet bgs to collect soil and grab groundwater samples. Petroleum hydrocarbon levels in grab groundwater samples were non-detect to low. Methyl tertiary butyl ether (MTBE) levels were non-detect to moderate.

July 2001: Five offsite soil borings were advanced to depths ranging from 12 to 24 feet bgs to collect soil and grab groundwater samples. Levels of TPH-g, benzene, toluene, ethyl benzene, xylenes, fuel oxygenates and lead scavengers were non-detect. Levels of MTBE were non-detect to moderate.

June 2002: Three offsite soil borings were advanced and monitoring wells installed. Depth-discreet grab groundwater samples were collected in one boring. TPH-g and MTBE were the only analytes detected. Levels were low and decreased with depth.

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

SENSITIVE RECEPTORS

1998: A sensitive receptor survey (SRS) and well search were performed. The SRS was performed by distributing a questionnaire to property owners within 750 feet of the subject site. One water well was located approximately 750 feet north of the site. The well is approximately 168 feet deep and is utilized for irrigation purposes. The well search of files at the California Department of Water Resources office in Sacramento, California identified no wells within a ½ mile radius of the site.

March 2001: A supplemental SRS was performed with a 2,000-foot radius around the site. Four water wells were identified within the search area. One of the wells was previously identified in the Gettler-Ryan Inc. April 26, 1999 *Sensitive Receptor Survey and Well Search*. The closest well is located approximately 750 feet north of the site.

MONITORING AND SAMPLING

Six onsite and five offsite wells are currently monitored semi-annually. No wells were gauged or sampled this quarter.

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