



Customer-Focused Solutions

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October 6, 2005

TRC Project No. 42010205

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

**RE: Quarterly Status Report and Request for Closure - Third Quarter 2005  
76 Service Station #5781, 3535 Pierson Street, Oakland, California  
Alameda County**

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Third Quarter 2005 Quarterly Status Report and Request for Closure 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 low to non-detect 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 site.

### **MONITORING AND SAMPLING**

One well is currently monitored annually. The next monitoring and sampling event is scheduled for the first quarter of 2006.

### **CHARACTERIZATION STATUS**

The site is monitored and sampled annually and significant groundwater impacts have not been identified in site well MW-A during recent or historical groundwater monitoring events.

### **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.

### **CONCLUSIONS AND RECOMMENDATIONS**

As stated in the Fourth Quarter 2004 Status Report, TRC would prepare a site closure request if dissolved hydrocarbons (including MTBE) remained low during the First Quarter 2005 monitoring event. Based on the low historical groundwater concentrations, and the non-detect results during the First Quarter 2005, TRC is recommending the site be referred for closure. As such, TRC is currently preparing a case closure summary report for the site. TRC will continue annual groundwater monitoring until case closure is granted.

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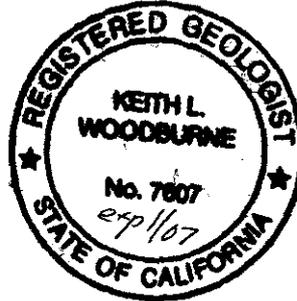
If you have any questions regarding this report, please call me at (925) 688-2466.

Sincerely,

TRC



Keith Woodburne, P.G.  
Senior Project Geologist



cc: Shelby Lathrop, ConocoPhillips (electronic upload)