



**Shaw**™ Shaw Environmental, Inc.

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Concord, California 94520

20459  
Alameda County  
AUG 02 2005  
Environmental Health

Mr. Don Hwang  
Alameda County Health Agency  
1131 Harbor Bay Parkway  
Alameda, California 94502

Re: **Report Transmittal**  
**Quarterly Report**  
**Second Quarter – 2005**  
**76 Service Station #6419**  
**6401 Dublin Boulevard**  
**Dublin, CA**

Dear Mr. Hwang:

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 call me at (916) 558-7609.

Sincerely,

**Shelby Suzanne Lathrop**  
Project Manager  
Shaw Environmental, Inc.  
Approved service provider of ConocoPhillips -Risk Management & Remediation  
Cell: 707-592-1146

Client Contact Information:  
**ConocoPhillips**  
76 Broadway  
Sacramento, California 95818  
Client office: 916-558-7609  
Client fax: 916-558-7639

Attachment  
cc: Liz Sewell, ConocoPhillips



Customer-Focused Solutions

July 29, 2005

TRC Project No. 42017006

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

**RE: Quarterly Status Report - Second Quarter 2005  
76 Service Station #6419, 6401 Dublin Boulevard, Dublin, California  
Alameda County**

Dear Mr. Hwang:

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

#### **PREVIOUS ASSESSMENTS**

The subject site is an active service station located on the western corner of Dublin Boulevard and Dougherty Road in Dublin, California. The site is bounded to the southeast by Dublin Boulevard, to the northeast by Dougherty Road, and to the northwest and southwest by a shopping center parking lot. Properties in the immediate site vicinity are commercial, including service stations and retail shopping facilities.

Current aboveground site facilities consist of two dispenser islands, a car wash, and a station building/convenience store. Two 12,000-gallon gasoline underground storage tanks (USTs) are located in the common pit immediately east of the station building.

September 1993: Two 10,000-gallon gasoline USTs, one 550-gallon waste oil UST, and the associated product piping were removed from the site with confirmation sampling. Groundwater was observed entering the UST excavation. Concentrations of petroleum hydrocarbons in confirmation soil samples beneath the fuel USTs were non-detect to low. Concentrations of petroleum hydrocarbons and volatile organic compounds (VOCs) in confirmation soil samples beneath the waste oil UST were non-detect to low, and concentrations of metals were considered background levels. Petroleum hydrocarbon and lead concentrations in confirmation soil samples from the dispenser islands were non-detect, and low, respectively. Petroleum hydrocarbon and lead concentrations in confirmation soil samples from the piping trenches were non-detect, and low, respectively.

February 1994: Three onsite monitoring wells were installed.

June 1999: Four onsite monitoring wells were installed to a depth of approximately 19 feet below ground surface (bgs).

November 1999: A four-inch diameter groundwater observation and extraction well (TPW-1) was installed in the gasoline UST pit backfill to allow purging of methyl tertiary butyl ether (MTBE) impacted groundwater.

September 2001: Two offsite monitoring wells were installed to a depth of 20 feet bgs.

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

December 2004: Offsite monitoring wells MW-8 and MW-9 were abandoned due to construction activities planned at those locations by Pin Brothers Fine Homes.

### **SENSITIVE RECEPTORS**

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

### **MONITORING AND SAMPLING**

Historically, dissolved hydrocarbon concentrations in groundwater have ranged from non-detect to 9,200 ppb of TPH-g, non-detect to 130 ppb of benzene, and non-detect to 140,000 ppb of MTBE, with onsite well MW-1 showing the highest concentrations.

Seven onsite wells are currently monitored semi-annually. No wells were gauged or sampled this quarter.

### **CHARACTERIZATION STATUS**

The site is monitored and sampled semi-annually. No wells were gauged or sampled this quarter.

### **REMEDIATION STATUS**

September 1993: Approximately 19,000 gallons of groundwater were removed from the UST excavation and properly disposed offsite. A hydrocarbon sheen was observed on the surface of the groundwater in the southwest corner of the excavation. Approximately 850 cubic yards of excavated soil was properly disposed offsite. Two 12,000-gallon and one 520-gallon double-wall glasteel replacement USTs were installed in the same pit.

July 1998: A soil vapor extraction test was conducted. Approximately 0.53 pounds of TPH-g and 6.5 pounds of MTBE (approximately 1 gallon of gasoline/additive) were extracted during the four-day test. The effective radius of influence was thought to be less than 40 feet.

December 1999 through December 2002: Approximately 649,600 gallons of groundwater containing an estimated 130.21 pounds of MTBE were removed from the tank pit observation and

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extraction well and removed from the site. Batch extractions were ended February 5, 2003, based on asymptotic levels of cumulative pounds of MTBE removed. The purged groundwater was transported to, treated, and disposed of at the ConocoPhillips refinery located in Rodeo, California.

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.

#### **NEXT QUARTER ACTIVITIES**

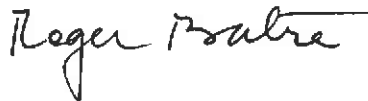
Discuss path forward with agency including closure as applicable either as-is or with minor (i.e. short-term, localized) remediation measures. Alternately, closure goals could be possibly met after completion of a Risk-Based Corrective Action Plan as authorized by the lead regulatory agency, pending further dialogue.

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: Shelby Lathrop, ConocoPhillips (electronic upload)