ConocoPhillips

76 Broadway
Sacramento, California 95818

RECEIVED
By lopprojectop at 11:31 am, May 18, 2006

April 28, 2006

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

Re: **Report Transmittal**
Quarterly Report
First Quarter – 2006
76 Service Station #6129
3420 35th Avenue
Oakland, 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 contact

Shelby S. Lathrop (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818
Phone: 916-558-7609
Fax: 916-558-7639

Sincerely,

Thomas Kosel
Risk Management & Remediation

Attachment

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

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Rancho Cordova, California 95670 USA

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RECEIVED
By lopprojectop at 11:31 am, May 18, 2006

May 16, 2006

Mr. Donald Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: Quarterly Summary Report – First Quarter 2006
Delta Project Number: C106129011

Dear Mr. Hwang:

On behalf of ConocoPhillips (COP), Delta Environmental Consultants, Inc. (Delta) is forwarding the quarterly summary report for the following location:

Service Station	**Location**
76 Service Station No. 6129	3420 35th Avenue Oakland, California

Sincerely,
Delta Environmental Consultants, Inc.

Ben Wright
Staff Geologist

Daniel J. Davis, R.G.
Senior Project Manager

REGISTERED GEOLOGIST
DANIEL J. DAVIS
No. 6435
STATE OF CALIFORNIA

Forward: TRC - Quarterly Monitoring Report

cc: Ms. Shelby Lathrop, ConocoPhillips (electronic copy)

QUARTERLY SUMMARY REPORT
First Quarter 2006
76 Service Station No. 6129
3420 35th Avenue
Oakland, CA

PREVIOUS ASSESSMENT

According to Kaprealian Engineering, Inc. (KEI), in 1989 two 10,000-gallon gasoline underground storage tanks (USTs) and one 550-gallon waste oil UST were removed from the site. Analytical results of soil samples collected beneath the former gasoline USTs, used-oil UST and product piping indicated that low concentrations of petroleum hydrocarbons were present in each of the sampling areas. Three groundwater monitoring wells (MW-1 through MW-3) were installed in 1989 to depths of approximately 44 feet below ground surface (bgs).

In 1990, four soil borings (EB1 through EB4) were drilled at the site in the vicinity of MW-3 in an attempt to define the hydrocarbon impact to soil. Based on the results of the soil sampling, approximately 230 cubic yards of soil were excavated from an area between the dispenser islands and around well MW-3 in 1991. Excavation was performed so as to not destroy well MW-3. Analytical results from confirmation soil samples indicated that the majority of the impacted soil had been removed.

On November 12 and 13, 2003, as part of a due diligence investigation, four soil borings (SB-1 and SB-3 through SB-5) were drilled to total depths of approximately 31.5 to 36.5 feet bgs. Proposed boring SB-2 was unable to be drilled due to the presence of subsurface utilities and/or structures. Groundwater was encountered in the borings at a depth of approximately 35 feet bgs. Methyl tertiary butyl ether (MTBE) was reported at concentrations varying from 0.37 to 0.41 milligrams per kilogram (mg/kg) in the soil samples collected between 26 and 31 feet bgs. All other constituents were reported below the laboratory reporting limit for the soil samples analyzed. The three existing groundwater wells were sampled on November 13, 2003. Analytical results indicated the presence of MTBE at concentrations between 240 and 3,700 micrograms per liter (µg/l), with the most elevated concentrations occurring in wells MW-2 (2,100 µg/l) and MW-3 (3,700 µg/l).

SENSITIVE RECEPTORS

A 1,000-foot radius well search was completed as requested on September 28, 2004 by the Alameda County Public Works Agency (ACPWA). The results showed a six-inch diameter irrigation well located at 3397 Arkansas Street, approximately 800 feet west-northwest of the site. The well was drilled in August 1977 to total depth 62 feet bgs with depth to water reported at 18 feet bgs. Alameda County Health Care Services update of July 30, 1984 reported the well owner as Arthur Smith.

MONITORING AND SAMPLING

Groundwater monitoring and sampling activities were conducted at the site from January 1990 through May 1991. Sampling activities were re-initiated during the third quarter 2004. The monitoring well network is scheduled to be sampled on a quarterly basis.

During the most recent groundwater monitoring event, conducted on February 21, 2006, depth to groundwater ranged from 28.27 feet (MW-1) to 29.23 feet (MW-2) below top of casing (TOC). The groundwater flow direction was southwest at a gradient of 0.03 foot per foot (ft/ft), consistent with historic events. During the February 2006 groundwater sampling event, maximum detectable hydrocarbon concentrations were as follows: total purgeable petroleum hydrocarbons (TPPH) (420 µg/l in MW-3 and 190 µg/l in MW-2), benzene toluene, ethylbenzene, and total xylenes (BTEX) (<0.50 µg/l in all samples) and MTBE (1,100 µg/l in MW-3, 340 µg/l in MW-2, and 2.6 µg/l in MW-1).

WASTE DISPOSAL SUMMARY

In 1991, based on the analytical results of soil samples from borings EB1 through EB4, approximately 230 cubic yards of soil were excavated from the area between the dispensers and the pump islands in the area around MW-3.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

CHARACTERIZATION STATUS

Hydrocarbon concentrations in the soil and groundwater have not been completely delineated. MTBE in soil and groundwater are above environmental screening levels (ESLs). Additional assessment activity has been proposed to delineate both the vertical and horizontal extent (up-gradient and down-gradient) of the MTBE contamination.

RECENT CORRESPONDENCE

No recent correspondence was documented during this reporting period.

THIS QUARTER ACTIVITIES (First Quarter 2006)

1. TRC conducted the quarterly monitoring and sampling event at the site.
2. Delta submitted a site conceptual model (SCM) to Alameda County Health Agency. The SCM included a work plan for delineating lateral and vertical soil and groundwater contamination at the site.

WASTE DISPOSAL SUMMARY

No waste was generated during the quarter.

NEXT QUARTER ACTIVITIES (Second Quarter 2006)

1. TRC will conduct the quarterly groundwater monitoring and sampling event at the site.
2. Delta will implement work plan to delineate contamination at the site.

CONSULTANT: Delta Environmental Consultants, Inc.