ConocoPhillips
76 Broadway
Sacramento, California 95818

May 11, 2006

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

Re: **Report Transmittal**
First Quarter 2006
76 Service Station 5484
18950 Lake Chabot Road
Castro Valley, 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

www.deltaenv.com

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Rancho Cordova, California 95670 USA

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RECEIVED
By lopprojectop at 11:36 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 No. C105484041

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. 5484	18950 Lake Chabot Road Castro Valley, 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 - Annual Monitoring Report

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

QUARTERLY SUMMARY REPORT
First Quarter 2006
76 Service Station No. 5484
18950 Lake Chabot Road
Castro Valley, California

PREVIOUS ASSESSMENT

In June 1988, a leak was detected in the unleaded product system during an annual precision tank test. The Alameda County Health Care Services Agency requested and investigation be performed to document subsurface conditions. As a result, three monitor wells (MW-1 through MW-3) were installed in July, 1988. Approximately one foot of product was detected in one well MW-3 and wells MW-1 and MW-2 contained dissolved hydrocarbons above state action levels.

In October 1989, three additional monitoring wells (MW-4 through MW-6) were installed (MW-4 and MW-5 are offsite and MW-6 is onsite)

In June 1989, two gasoline Underground Storage Tanks (USTs) and one waste oil UST were removed from the site. During the removal, monitoring wells (MW-1 and MW-3) were property destroyed. Following their removal, the gasoline and waste oil UST pits were subsequently over-excavated in order to remove hydrocarbon-impacted soil. In the vicinity of the former fuel USTs, an area measuring approximately 60 feet by 70 feet was excavated to depths of 10 feet to 15 feet below ground surface (bgs). Hydrocarbon-impacted soil detected in the waste oil UST pit was also over-excavated to a depth of approximately 11 feet bgs. Following the excavation, approximately 1,900 cubic yards of soil was transported offsite for appropriate disposal. Soil samples collected from the sidewalls of the gasoline UST pit following over-excavation soil showed non-detectable levels (<2 parts-per-million) of total petroleum hydrocarbons as gasoline (TPH-G), except at the easterly sidewall, where access limitations prevented further lateral excavation. Additionally, three additional wells were installed offsite to further characterize hydrocarbon impacted soil and groundwater.

In November 1989, five additional borings (B-7 through B-11) were drilled to further evaluate to the extent of vertical and lateral hydrocarbon contamination.

In 1990, remediation options were evaluated for the site. Groundwater monitoring and risk analysis were concluded appropriate for the site. Soil vapor extraction (SVE) was determined infeasible due to the relatively impermeable soils and shallow bedrock at the site.

In June 1991, two additional borings were drilled in the southern portion of the site. Monitoring well MW-7 was installed in one of the borings.

In January 2005, four borings B-1, B-2, B-4, and B-5 were drilled during a baseline investigation at the site.

SENSITIVE RECEPTORS

A well search was conducted by Gettler-Ryan, Inc. (GR) in September 1988. Based on available driller's logs on file with the California Department of Water Resources (DWR) there are a number of wells located with one-quarter to one-half mile of the site and one well located within one-quarter mile of the site.

Based on the U.S. Geological Survey Topographic Map for this area (Santa Rosa quadrangle, photo revised 1980), the nearest surface water body is an unnamed drainage located approximately 2,000 feet north of the site. The drainage originates from a reservoir located about one mile to the northeast.

GROUNDWATER MONITORING AND SAMPLING

This site is sampled on an annual monitoring program. The five monitoring wells (MW-2, MW-4, MW-5, MW-6 and MW-7) at the site are monitored and wells MW-4, MW-5 and MW-7 are sampled during the first quarter. During the most recent groundwater monitoring event, conducted on March 31, 2006, depth to groundwater ranged from 2.99 feet (MW-6) to 6.74 feet (MW-7) below top of casing (TOC). Monitor well MW-4 was not monitored or sampled due to it having been paved over during property development. The groundwater flow direction was south at a gradient of 0.1 foot per foot (ft/ft); the historical groundwater flow has been to the southwest. During the March 2006 sampling event, maximum detectable hydrocarbon concentrations in groundwater samples were as follows: total purgeable petroleum hydrocarbons (TPPH) (450 µg/l in MW-7), benzene (8.7 µg/l in MW-7), and methyl tertiary butyl ether (MTBE) (260 µg/l in MW-7).

REMEDIATION STATUS

No remediation occurred during this reporting period.

In 1989, approximately 1,900 cubic yards of soil was transported offsite for appropriate disposal.

CHARACTERIZATION STATUS

Concentrations of hydrocarbons in groundwater at the site are generally low and have been predominantly defined. Dissolved hydrocarbon concentrations have been present primarily in groundwater samples from monitoring well MW-7.

RECENT CORRESPONDENCE

No recent correspondence was documented during this reporting period.

THIS QUARTER ACTIVITIES (First Quarter 2006)

1. TRC conducted the annual monitoring and sampling event at the site.

2. Delta is completing a sensitive receptor survey for the site.

WASTE DISPOSAL SUMMARY

No waste was generated the quarter.

NEXT QUARTER ACTIVITIES (Second Quarter 2006)

1. A sensitive receptor survey will be completed and submitted to Alameda County.

CONSULTANT: Delta Environmental Consultants, Inc.