ConocoPhillips

76 Broadway
Sacramento, CA 95818
phone 916.558.7676
fax 916.558.7639

December 28, 2004

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Document Transmittal**
Fuel Leak Case
76 Station #5760
376 Lewelling Blvd.
San Lorenzo, CA

Dear Mr. Hwang:

Please find attached Delta's *Semi-annual Summary Report, dated 12/10/04,* and TRC's *Semi-annual Monitoring Report, dated 10/20/04* for the above referenced site. I declare, under penalty of perjury, that to the best of my knowledge the information and/or recommendations contained in the attached proposal or report is true and correct.

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely,

Thomas H. Kosel
Site Manger, Risk Management and Remediation
ConocoPhillips
76 Broadway, Sacramento, CA 95818

Attachment
cc: Steve Meeks, Delta

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

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December 10, 2004

Mr. Thomas Kosel
ConocoPhillips
76 Broadways Avenue
Sacramento, CA 95818

RE: **Semi-Annual Summary Report-Second and Third Quarter 2004**
Delta Project Number: C1DD-QSR-1

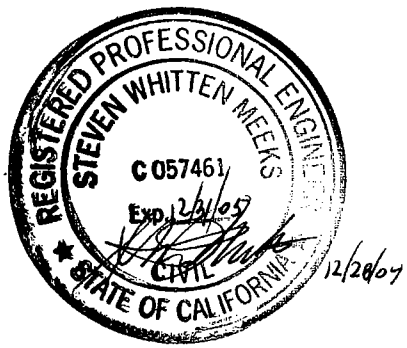
Dear Mr. Kosel:

On behalf of ConocoPhillips, Delta Environmental Consultants, Inc. is forwarding this Semi-Annual Summary report and TRC's Semi-Annual Monitoring Report, dated 10/20/04 for the following location:

Service Station	**Location**
76 Service Station No. 5760	376 Lewelling Boulevard San Lorenzo, California

Sincerely,
Delta Environmental Consultants, Inc.

Steven W. Meeks, PE
Project Manager



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SEMI-ANNUAL SUMMARY REPORT
Second and Third Quarter 2004

76 Service Station No. 5760
376 Lewelling Boulevard.
San Lorenzo, California

City/County ID #: San Lorenzo

County: Alameda

PREVIOUS ASSESSMENT

The site is located at 376 Lewelling Boulevard, in San Lorenzo, California.

In November 1987 the Underground Storage Tanks (UST"s) were removed and replaced. At that time monitoring well U-1 was installed in response to the contamination observed during the UST replacement. Information on the installation of well U-1 is documented in a report titled *Well Installation* prepared by Woodward-Clyde Consultants dated March 25, 1988.

In August 1990 three additional monitoring wells (U-2, U-3 and U-4) were installed by GeoStrategies Incorporated (GSI). The installation of these wells is documented in a report titled *Monitoring Well Installation Report* prepared by GSI dated November 16, 1990.

In March 1992 GSI installed four offsite monitoring wells (U-5 through U-8) to further delineate the groundwater hydrocarbon plume. The installation of these wells is documented in a report titled *Well Installation Report* prepared by GSI dated June 15, 1992.

In May 1993 additional offsite well U-9 was installed by GSI. The installation of this well is documented in a report titled *Well Installation Report* prepared by GSI dated August 9, 1993

In September 1993, twelve borings were drilled as part of a property divestment program. Due to hydrocarbon impacted soils being encountered, three of the borings were converted to vapor extraction wells.

In March 1994, the delineation of hydrocarbon-impacted soils was completed with the installation of two additional soil borings.

Between August 8 & 13, 1994 a Soil Vapor Extraction (SVE) feasibility test was performed by Pacific Environmental Group (Pacific). Based on the results of the SVE test, it appeared that SVE is an applicable technology for removal of petroleum hydrocarbons from soil and groundwater below the site.

In September, 1995 a combination SVE and groundwater treatment (GWT) system was constructed at the site. Start-up activities for the GWT system began on October 3, 1995. SVE system start-up and continuous GWT operation began in mid October, 1995. The system continued to operate until February, 1997 when it was shut down due to diminishing incremental benefit.

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MONITORING AND SAMPLING

Groundwater sampling began in the second quarter, 1988. In the first quarter of 2000 quarterly monitoring began and continued at a quarterly interval until March, 1996 when the frequency changed to semi-annual. Frequency continues to currently be Semi-annual.

Of the nine groundwater monitoring wells (four onsite and five offsite), only seven are currently accessible. Offsite wells U-6 and U-7 have been covered with asphalt and not sampled since September, 1999. Samples are analyzed for TPHH, BTEX, and fuel oxygenates.

REMEDIATION STATUS

In September, 1995 a combination SVE and Groundwater Treatment (GWT) system was constructed at the site. Start-up activities for the GWT system began on October 3, 1995. SVE system start-up and continuous GWT operation began in mid October, 1995. The system continued to operate until February, 1997 when it was shut down due to diminishing incremental benefit.

CHARACTERIZATION STATUS

Contamination in soil has been adequately delineated. The hydrocarbon plume is considered stable. In the September, 2004 monitoring and sampling data, the current maximum dissolved TPPH concentration was 22,000 µg/l. Benzene and MtBE were below detection limits.

April through September, 2004 discussion:
The groundwater elevation dropped an average of 1.74 feet since the March, 2004 sampling event with depths to groundwater ranging from 14.75 feet to 16.98 feet below ground surface (bgs).

The gradient remained essentially constant and flow direction remained to the Southwest.

Of the seven currently accessible wells, six were gauged. Of these six, two (U-1 & U-3) were sampled. The remainder were monitored only. U-2 was inaccessible as a car was parked on the well. As stated previous, U-6 & U-7 were paved over and not sampled or gauged.

Chemicals of Concern:
TPPH: Detected in the two sampled wells U-1 & U-3 at 22,000 µg/l and 1,300 µg/l respectively. U-1 is essentially the same as the March, 2004 event while U-3 is significantly lower than a detected concentration of 14,000 µg/l in March, 2004.

Benzene: Not detected in U-1 & U-3 at ND<20 µg/l and ND<2.5 µg/l respectively.

MtB: Not detected in U-1 & U-3 at ND<20 µg/l and ND<2.5 µg/l respectively.

RECENT CORRESPONDENCE

No regulatory correspondence was sent or received in the second and third quarter, 2004

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THIS SEMI-ANNUAL ACTIVITIES (Second and Third quarter 2004)

1. TRC performed semi-annual monitoring/sampling event on September 9, 2004
2. Meeting held between ConocoPhillips and Alameda County in late September, 2004 to discuss site prioritization and potential closure.

NEXT SEMI-ANNUAL ACTIVITIES (Fourth quarter 2004 and First quarter 2005)

1. TRC to prepare and submit the April through September Semi-Annual Monitoring Report.
2. Delta to maintain dialogue with Alameda County regarding potential closure.

CONSULTANT: Delta Environmental Consultants, Inc.