



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Cal/EPA Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger
Governor

May 14, 2008

Mr. David Harris
ConocoPhillips Oil Company
3611 Harbor Blvd., Suite 200
Santa Ana, CA 92704

**UNDERGROUND STORAGE TANK PROGRAM – GENERAL WASTE DISCHARGE
REQUIREMENTS FOR GROUNDWATER CLEANUP AT PETROLEUM HYDROCARBON
FUEL, VOLATILE ORGANIC COMPOUND AND/OR HEXAVALENT CHROMIUM IMPACTED
SITES (ORDER NO. R4-2007-0019) (SERIES NO. 055; CI NO. 9406)
76 STATION NO. 3574
4965 EAST FLORENCE AVENUE, BELL, CA (UST FILE NO. I-11003)**

Dear Mr. Harris:

We have completed our review of the application for coverage under the General Waste Discharge Requirements to inject ozone into groundwater beneath the subject site (the Site). The Site is an active gasoline service station containing two underground storage tanks (USTs).

There are currently thirteen groundwater monitoring wells onsite and six wells offsite. Groundwater monitoring has been conducted at the Site since November 1989. The most recent monitoring event in October 2007 showed concentrations of TPH-g, benzene, and MTBE in groundwater of 19,000; 19,000; and 380 µg/L, respectively.

The Site is located within the West Coast Basin. During the monitoring event on October 9, 2007, groundwater was measured at approximately 22 feet bgs at the upper zone and at 33 feet bgs in the lower zone, and the groundwater flow direction was to the southeast in the upper zone, and northeast in the lower zone.

In a Workplan dated January 31, 2008, Delta, the Discharger's consultant, proposed to advance two additional soil borings (OS-6 and OS-7) in the east area of the dispensers and USTs and convert them into dual-nested sparging wells. These two wells, along with other sparging and vapor extraction wells installed previously, will be used to conduct a pilot test to assess the effectiveness of an ozone sparge in conjunction of soil vapor extraction (SVE) system to cleanup petroleum hydrocarbons contamination beneath the site.

In a letter dated May 2, 2008, Regional Board staff approved the Workplan.

Based on our review, Regional Board staff has determined that the proposed discharge meets the conditions specified in Order No. R4-2007-0019, "*Revised General Waste Discharge Requirements for Groundwater Remediation at Petroleum Hydrocarbon Fuel, Volatile Organic*

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Compound and/or Hexavalent Chromium Impacted Sites" adopted by the Regional Board on March 1, 2007.

Enclosed are your Waste Discharge Requirements, consisting of Regional Board Order No. R4-2007-0019, Monitoring and Reporting Program No. CI-9306, and Standard Provisions.

This WDR is applicable to the pilot test proposed, and will be applicable for full scale cleanup as well. However, a revised RAP will be required prior to the full scale cleanup onsite.

The WDRs issued shall not be rescinded until Regional Board staff determine the WRDs are no-longer needed for the site cleanup.

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of this enrollment under Regional Board Order No. R4-2007-0019. All monitoring reports shall be sent to the Regional Board, ATTN: Information Technology Unit.

When submitting monitoring or technical reports to the Regional Board, please reference Compliance File No. CI-9306 to ensure that the reports are directed to the appropriate staff. Do not combine other reports with your monitoring reports complying with Order No. R4-2007-0019. Submit each type of report as a separate document.

We are sending a copy of Order No. R4-2007-0019 only to the applicant. A copy of the Order will be furnished to anyone who requests it. A copy of the Order can also be found online at: http://www.waterboards.ca.gov/losangeles/board_decisions/adopted_orders/R4-2007-0019/R4-2007-0019.pdf

If you have any questions on Order No. R4-2007-0019, please contact Mr. Rodney Nelson at (213) 620-6119. Questions regarding the underground storage tank issues should be forwarded to Mr. Magdy Baiady at (213) 576-6699.

Sincerely,

Original Signed by

Tracy J. Egoscue
Executive Officer

Enclosures: 1. Board Order No. R4-2007-0019
2. Monitoring and Reporting Program No. CI-9406

cc: Yvonne Shanks, Underground Storage Tank Cleanup Fund, State Water Resources Control Board
Hoover Ng, Water Replenishment District of Southern California
Sean Hunt, Delta Environmental, Inc.

California Environmental Protection Agency

