



# California Regional Water Quality Control Board

## Los Angeles Region



Linda S. Adams  
Agency Secretary

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Arnold Schwarzenegger  
Governor

November 27, 2007

Mr. Gene N. Ortega  
ExxonMobil Oil Corporation  
3700 West 190<sup>th</sup> St., TPT2-6  
Torrance, CA 90504

**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)  
FORMER MOBIL SERVICE STATION  
7359 ROSECRANS AVENUE, PARMOUNT (ID # R-02605)  
(ORDER NO. R4-2007-0019, SERIES NO. 040, CI NO. 9341)**

Dear Mr. Ortega:

We have completed our review of your application for coverage under the General Waste Discharge Requirements to inject ISOTEC's blend of modified Fenton's reagents at the site referenced above in Los Angeles, California, for groundwater cleanup and remediation.

The site was historically used as a gasoline service station, and currently it is a vacant lot. Four underground storage tanks (USTs), two 10,000-gallon, one 12,000-gallon and one 500-gallon waste oil tank, were in use at the property. In November 2003, the USTs and associated product dispensing equipments were removed from the site.

A total of eight groundwater monitoring wells have been installed at the site. Groundwater monitoring has been conducted since April 2002. Historically, up to 24,000 µg/L of methyl tertiary butyl ether (MTBE), 22,400 µg/L of total petroleum hydrocarbons as gasoline (TPH<sub>G</sub>), 31,000 µg/L of tert-Butyl Alcohol (TBA) were detected in well MW-4. The most recent monitoring data from well MW-4 indicated 210 µg/L of MTBE, 620 µg/L TPH<sub>G</sub> and 7,000 µg/L of TBA.

On October 15, 2005 and January 13, 2006, the discharger's consultant, Kleinfelder, submitted a workplan proposing to use in-situ chemical oxidation to reduce the contaminant mass within the saturated zone across the source area. Kleinfelder proposed to install 15 temporary direct push injection points to inject approximately 1 to 4 gallons per minute and injection pressures of between 10 and 50 pounds per square inch. The 15 proposed injection points are distributed evenly through out the site as shown in the attached Figure 3. The injection goal for total reagent volume is approximately 200 to 500 gallons of total reagent per event. The workplan was approved by the Regional Board on February 28, 2006.

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 Compound and/or

*California Environmental Protection Agency*



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Enclosed are your Waste Discharge Requirements, consisting of General WDRs Board Order No. 2007-0019 and Monitoring and Reporting Program No. CI-9341 and Standard Provisions.

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

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.

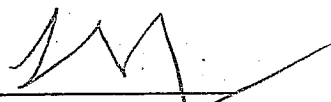
When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to Compliance File No. CI-9341, which will assure that the reports are directed to the appropriate file and staff. Do not combine other reports with your monitoring reports. Submit 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, or on line at:

[http://www.waterboards.ca.gov/losangeles/html/permits/gen\\_orders/R4-2007-0019/R4-2007-0019.pdf](http://www.waterboards.ca.gov/losangeles/html/permits/gen_orders/R4-2007-0019/R4-2007-0019.pdf)

If you have any questions, please contact Mr. Rod Nelson at (213) 576-6119.

Sincerely,



Tracy J. Egosque  
Executive Officer

Enclosures: 1. Board Order No. R4-2007-0019  
2. Monitoring and Reporting Program No. CI-9341  
3. Standard Provisions

Cc: Ms. Yvonne Shanks, State Water Resources Control Board, Underground Storage Tank Cleanup Fund  
Mr. Tim Smith, Los Angeles County Department of Public Works, Environmental Programs Division  
Ms. Nancy Matsumoto, Water Replenishment District of Southern California  
Mr. Brad A. McCardell, Kleinfelder