



# California Regional Water Quality Control Board

## Los Angeles Region



Linda S. Adams  
Agency Secretary

Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

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Arnold Schwarzenegger  
Governor

April 3, 2007

Mr. Lou Cohen  
19528 Ventura Boulevard, #330  
Tarzana, CA 92306

Dear Mr. Cohen:

**GENERAL WASTE DISCHARGE REQUIREMENTS FOR GROUNDWATER CLEANUP AT PETROLEUM HYDROCARBON FUEL, VOLATILE ORGANIC COMPOUND And/Or HEXAVALENT CHROMIUM IMPACTED SITES – 877 SOUTH VENTURA BOULEVARD, OXNARD (ORDER NO. R4-2007-0019, SERIES NO. 005; CI NO. 9236)**

We have completed our review of your application for coverage under General Waste Discharge Requirements to inject non-hazardous hydrogen peroxide at the site referenced above in Oxnard, California for groundwater cleanup and remediation.

Since April 1988, various subsurface investigations and remediation activities have been conducted at the subject site subsequent to the tank removal and replacement, which consisted of drilling and sampling numeral soil borings, installing nineteen groundwater monitoring wells (seven wells have since been abandoned due to site re-construction), excavating contaminated soil (1,545 tons), operating a groundwater pump-and-treat program (40,000 gallons impacted groundwater). The analytical data from groundwater monitoring event conducted in December 2005 indicated groundwater beneath the site was still impacted by TPHg (up to 9,060 µg/L), BTEX (up to 180 µg/L). The Groundwater flow direction underneath the site ranged from west to northwest at a gradient from approximately 0.005 to 0.05 feet/foot.

Despite the fact that past remediation efforts reduced the levels of contaminants in the subsurface, the petroleum hydrocarbon concentrations in the groundwater still exceed Regional Board guidelines for site closure. Therefore, further remediation with hydrogen peroxide injection is proposed.

A letter dated June 27, 2006 from Ventura County Division of Environmental Health approved Workplan for Remediation Pilot Testing dated April 17, 2006, and its Supplement dated June 19, 2006, for the injection of hydrogen peroxide to remediate impacted groundwater beneath the subject site.

Groundwater monitoring wells shall not be used as injection points to avoid reduction of groundwater monitoring network, data bias, well screen clogging and alteration.

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

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Mr. Lou Cohen

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April 3, 2007

*Hexavalent Chromium Impacted Sites (General WDRs),*" adopted by the State Water Resources Control Board on March 1, 2007.

Enclosed are your Waste Discharge Requirements, consisting of General WDRs Board Order No. 2007-0019 and Monitoring and Reporting Program No. CI-9236 and Standard Provisions.

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-9236, 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,



Jonathan S. Bishop  
Executive Officer

- Enclosures: 1. Board Order No. R4-2007-0019  
2. Monitoring and Reporting Program No. CI-9236

cc: Mr. David Salter, Ventura County Division of Environmental Health  
Mr. Emanuel Pedram, Applied Environmental Tech., Inc.

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