



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

June 20, 2007

Mr. Garabet Kurbessoian
SM Service Station
16435 Figueroa Street
Los Angeles, CA 90248

**WORKPLAN APPROVAL AND 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)
SM SERVICE STATION, 16435 FIGUEROA STREET, LOS ANGELES, CA (SERIES NO. 019; CI-9264; UST FILE NO. 902480161)**

Dear Mr. Kurbessoian:

We have completed our review of a workplan (Workplan) dated March 12, 2007 and the application for coverage under General Waste Discharge Requirements to inject Fenton's Reagent materials into the groundwater to supplement the active remediation of the groundwater contamination plume beneath the subject site (Site). The Site is currently an active gasoline service within an area of mixed residential and commercial properties.

The Site is located within the Central Basin of the Los Angeles Coastal Plain Groundwater Basin. According to boring logs and cross section maps, the subsurface lithology of the Site consists of clayey silt and silty clay to a depth of approximately 50 feet below ground surface (bgs), with a sandy layer between 20 and 30 feet bgs.

A total of nine groundwater monitoring wells (MW-1 through MW-9) have been installed related to the Site. Groundwater monitoring has been conducted since February 2002. Historically, up to 141,000 µg/L of total petroleum hydrocarbons as gasoline (TPH_G), 136 µg/L of benzene, 805 µg/L of toluene, 5,070 µg/L of ethylbenzene, 19,650 µg/L of xylenes, and 1,450 µg/L of methyl tertiary butyl ether (MTBE) were detected in well MW-2. On January 8, 2007, TPH_G up to 86,700 µg/L (MW-2) and MTBE up to 44 µg/L (MW-9) were detected in the groundwater. Depth to the groundwater was measured at about 30 feet bgs, and the flow direction was toward the east.

In the Workplan, your consultant, Applied Environmental Technologies, Inc. (AET), proposed to implement a soil vapor extraction/air sparging (VES/AS) system (VT-1 through VT-4, and MW-1/SP-1, MW-7/SP-2 and MW-8/SP-3), and to inject Fenton's Reagent into the groundwater using new injection wells, after six months operation of the VES/AS to enhance the active groundwater remediation at the Site. On June 20, 2007, Regional Board staff approved the Workplan in a separate letter.

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Mr. Garabet Kurbessoian
SM Service Station

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June 20, 2007

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 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-9264, and Standard Provisions.

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-9264 to assure 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/html/permits/gen_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.

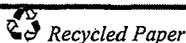
Sincerely,

fw David A. Bachorowski, AEO
Deborah J. Smith
Interim Executive Officer

Enclosures: 1. Board Order No. R4-2007-0019
2. Monitoring and Reporting Program No. CI-9264
3. Standard Provisions

cc: Yvonne Shanks, State Water Resources Control Board, Underground Storage Tank
Cleanup Fund
Captain Frank Comfort, Los Angeles City Fire Department
Scott Sankey, AET Inc.

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