



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

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

July 31, 2006

Mr. Ross Ruley
1601 Matthews Avenue
Manhattan Beach, CA 90266

GENERAL WASTE DISCHARGE REQUIREMENTS FOR GROUNDWATER REMEDIATION AT PETROLEUM HYDROCARBON FUEL AND/OR VOLATILE ORGANIC COMPOUND IMPACTED SITES – FORMER P&M STORE NO. 911, 15407 SOUTH HAWTHORNE BOULEVARD, LAWDALE, CALIFORNIA (UST FILE NO. I-13868) (ORDER NO. R4-2005-0030, SERIES NO. 053, CI NO. 9136)

Dear Mr. Ruley:

On May 11, 2006, your consultant, AEI Consultants (AEI), submitted to us on your behalf an application for coverage under General Waste Discharge Requirements to inject ozone at the subject site (the site) to remediate fuel constituents in the groundwater beneath the site.

The site is located on the southwest corner of the intersection of West 154th Street and Hawthorne Boulevard in the City of Lawndale. The site is currently owned by Automax and is occupied by a used automobile dealership.

The site was originally occupied by Powerene, a commercial fueling station that operated three 10,000-gallon gasoline underground storage tanks (USTs) and one 1,000-gallon waste oil UST. In 1983, three additional 12,000-gallon gasoline USTs and one 10,000-gallon diesel UST were installed. In May 1991, all USTs were removed from the site.

Groundwater analytical data since 1992 from the existing nine groundwater wells at the site indicate that the releases from the former USTs have impacted the groundwater. The most recent round of monitoring in May 2006 showed concentrations of TPHg, BTEX, and MTBE in groundwater of 54,700; 11,900; 12,700; 2,680; 14,200; and 710 µg/L, respectively.

To remediate the fuel constituents in the groundwater beneath the site, AEI submitted an interim remedial action Plan (IRAP) dated July 28, 2004. In the IRAP, AEI proposed to inject ozone in twelve injection probes (IW-15 through IW-26) which will be installed at a depth of approximately 24 to 28 feet bgs, or approximately ten to 14 feet below water table. The average radius of influence of each injector was estimated to be 20 feet. Regional Board staff approved the IRAP on November 24, 2004.

Staff has reviewed the information provided and have determined that the discharge meets the conditions specified in Order No. R4-2005-0030, "*Revised General Waste Discharge Requirements for Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites*," adopted by this Regional Board on May 5, 2005.

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.

Mr. Ross Ruley
15407 Hawthorne Blvd.

- 2 -

July 31, 2006

Enclosed are the Waste Discharge Requirements, consisting of Regional Board Order No. R4-2005-0030 and the Monitoring and Reporting Program No. CI-9136.

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of this enrollment (July 31, 2006) under Regional Board Order No. R4-2005-0030. 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-9136, 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. R4-2005-0030 only to the applicant. A copy of the Order will be furnished to anyone upon request.

If you have any questions, please contact Mr. Rodney Nelson at (213) 620-6119. Questions on UST issues should be forwarded to Arman Toumari at (213) 576-6758.

Sincerely,

Jonathan S. Bishop
Executive Officer

Enclosures: 1. Board Order No. R4-2005-0030
2. Monitoring and Reporting Program No. CI-9136

cc: Yvonne Shanks, SWRCB, Underground Storage Tank Cleanup Fund
Nancy Matsumoto, Water Replenishment District of Southern California
Tim Smith, Los Angeles County Department of Public Works, Environmental Programs
Division
Mark Stewart, Central Basin Watermaster, California Department of Water
Resources
Edward Wallick, AEI

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.