



Matthew Rodriguez
Secretary for
Environmental Protection

California Regional Water Quality Control Board Los Angeles Region

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Edmund G. Brown Jr.
Governor

November 7, 2011

Ms. Deborah Pryor
Shell Oil Products US
20945 Wilmington Avenue South
Carson, CA 90810

**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)
AMIN'S OIL (FORMER SHELL STATION)
2603 SOUTH NORMANDIE AVENUE, LOS ANGELES
(CI-9769, SERIES NO. 180); (UST FILE NO. 900070034A)**

Dear Ms. Pryor:

We have completed our review of the application for coverage under the General Waste Discharge Requirements (WDR) to inject hydrogen peroxide into groundwater at the subject site (Site). The purpose of the injection is to mitigate fuel constituents present in groundwater beneath the Site in order to minimize the threat to the underlying aquifers.

The Site is an active gasoline service station located at 2603 South Normandie Avenue in Los Angeles, California. The Site currently contains three 12,000-gallon gasoline underground storage tanks (USTs), four dispensers, and a station building with food mart. The Site is currently operating as Amin's Oil service station. The facility owner is Mr. Amin Islam and the responsible party is Shell Oil Products US.

Several site investigations were conducted at the Site since 2001, which included drilling soil borings and installing groundwater monitoring wells. Site investigations conducted to date indicate that the soil and groundwater beneath the Site have been impacted by fuel constituents. Maximum concentrations of total petroleum hydrocarbons as gasoline (TPH_G), benzene, methyl tertiary butyl ether (MTBE), and tertiary butyl alcohol (TBA) in the soil were 11 milligrams per kilogram (mg/kg) (TPH_G), 0.0036 mg/kg (benzene), 64 mg/kg (MTBE), and 260 mg/kg (TBA), respectively.

A total of sixteen groundwater monitoring wells (MW-1 through MW-15 and EW-1) have been installed at the Site or nearby off-site. Groundwater monitoring has been conducted quarterly from 2003 through 2009 and semi-annually since 2010. The most recent monitoring data (February 2011) indicated up to 1,350 micrograms per liter (µg/L) TPH_G, 1,100 µg/L MTBE, and 27,700 µg/L TBA, respectively; benzene was not detected. Groundwater was measured in February 2011 at a depth of approximately 39 feet bgs and the groundwater flow direction was toward the northwest.

In a remedial action plan (RAP) dated October 27, 2010, and a RAP Addendum dated September 26, 2011, the Discharger's consultant proposed to perform a pilot test to mitigate the contaminated groundwater beneath the Site by utilizing hydrogen peroxide injection. On

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July 27, 2011, URS submitted a WDR application on behalf of the Discharger. In a directive letter dated November 3, 2011, Regional Board staff approved the RAP and RAP Addendum.

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 Site (General WDRs)*" adopted by the Los Angeles Regional Water Quality Control Board on March 1, 2007.

Enclosed are the Waste Discharge Requirements, consisting of Regional Board Order No. R4-2007-0019, Monitoring and Reporting Program (MRP) No. CI-9769, and Standard Provisions.

The WDRs issued shall not be terminated until Regional Board staff determines the WDRs 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 include a reference to Compliance File No. CI-9769 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.

In accordance with regulations adopted by the State Board in September 2004 regarding electronic submittal of information (ESI), the Discharger has been electronically submitting monitoring reports to the State Board GeoTracker system under UST Global ID T0603777067. To comply with the Monitoring and Reporting Program (MRP) under this WDR, the Discharger shall upload the WDR monitoring reports to GeoTracker under the two Global IDs: Global ID T0603777067 (continuing) and Global ID WDR100001819 (new). For more information regarding the new Global ID under WDR, please see the ESI training video available at: <https://waterboards.webex.com/waterboards/ldr.php?AT=pb&SP=MC&rID=44145287&rKey=7dad4352c990334b>.

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/general_orders/r4-2007-0019/r4-2007-0019.pdf.

To avoid paying future annual fees, please submit written request for termination of your enrollment under the general permit in a separate letter, when your project has been completed and the permit is no longer needed. Be aware that the annual fee covers the fiscal year billing period beginning July 1 and ending June 30, the following year. You will pay the full annual fee if your request for termination is made after the beginning of the new fiscal year beginning July 1.

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If you have any questions, please contact Dr. Eric Wu at (213) 576-6683 or ewu@waterboards.ca.gov. Questions regarding the underground storage tank issues should be forwarded to Mr. Dave Bjostad at (213) 576-6712 or dbjostad@waterboards.ca.gov.

Sincerely,

Samuel Unger

Samuel Unger, P.E.
Executive Officer

- Enclosures: 1. Board Order No. R4-2007-0019
2. Monitoring and Reporting Program No. CI-9769
3. Standard Provisions

cc: Kathy Jundt, State Water Resources Control Board, UST Cleanup Fund
Eloy Luna, Los Angeles City Fire Department, Underground Storage Tanks
Captain Matthew Gatewood, Los Angeles City Fire Department, Underground Storage Tanks
Phuong Ly, Water Replenishment District of Southern California
Amin Islam, property owner (2603 Normandie Ave. S., Los Angeles, CA 90018)
Andrew Ewing, URS