



California Regional Water Quality Control Board

Los Angeles Region

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

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Gray Davis
Governor

Winston H. Hickox
Secretary for
Environmental
Protection

November 12, 2002

Mr. Chuck Miller
USA Gasoline Corporation
30101 Agoura Court, Suite 200
Agoura Hills, CA 91301-4311

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7000 0520 0024 7219 6432

Dear Mr. Miller:

GENERAL WASTE DISCHARGE REQUIREMENTS FOR GROUNDWATER REMEDIATION AT PETROLEUM HYDROCARBON FUEL AND/OR VOLATILE ORGANIC COMPOUND IMPACTED SITES – USA GASOLINE CORPORATION STATION #228, 11806 VALLEY VIEW AVENUE, WHITTIER, CALIFORNIA (FILE NO. I-03274)

We have completed our review of your application for Waste Discharge Requirements to re-inject treated water from the dual-phase extraction system back into the shallow aquifer at the subject site.

In December 1994, petroleum hydrocarbon contaminated groundwater was detected in on-site monitoring wells MW-3-P and MW-4-P. In March 2000, an "Interim Remedial Action Plan" (Plan) for the cleanup of the contaminated soil and groundwater at the subject site was submitted to the Regional Board. In the Plan, a dual-phase (soil vapor and groundwater) vacuum extraction system with granular activated carbon (GAC) filter vessels was proposed as a cleanup method. Treated groundwater from the treatment system was proposed to be discharged to a storm drain in the area under a National Pollutant Discharge Elimination System (NPDES) permit. However, in May 2002, it was discovered that there is no available storm water catch basin or entry point to the storm drain adjacent to the subject site where treated groundwater can be discharged. As a result, an "Amendment to the Interim Remedial Action Plan" in which onsite re-injection was selected as the method to dispose of the treated groundwater was submitted to the Regional Board. The Plan and its amendment were approved by Board staff on August 30, 2002.

Four existing wells (MW-1, MW-3, MW-8-P, and MW-12-W) will be utilized in the dual-phase extraction activities. These wells are located within a dissolved petroleum hydrocarbon plume. A 1,000-gallon water holding tank will be used to temporarily store the groundwater from the extraction process. Upon filling, an automatic transfer pump will transfer the extracted groundwater into two 1,500-pound granular activated carbon (GAC) filter vessels in series. The treated water will then be re-injected into the shallow groundwater zone from existing well MW-16-W at depths of approximately 40 to 65 feet below ground surface with a designed injection rate of approximately 3,000 gallons per day.

Regional Board staff have reviewed the information provided and have determined that the proposed discharge meets the conditions specified in Order No. R4-2002-0030, "General Waste Discharge Requirements for Groundwater Remediation at Petroleum Hydrocarbon Fuel

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption

For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrcb.ca.gov/news/echallenge.html>



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Mr. Chuck Miller
USA Gasoline Corporation

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and/or Volatile Organic Compound Impacted Sites," adopted by this Regional Board on January 24, 2002. Refer to the attached Fact Sheet.

Enclosed are your Waste Discharge Requirements, consisting of Regional Board Order No. R4-2002-0030 (Series No. 011) and the new Monitoring and Reporting Program No. CI-8492.

The "Monitoring and Reporting Program" requires you to implement the monitoring program on the effective date of this enrollment (November 12, 2002) under Regional Board Order No. R4-2002-0030. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit.

When submitting monitoring or technical reports to the Regional Board per these requirements, include a reference to "Compliance File No. CI-8492", which will assure that the reports are directed to the appropriate file and staff. Also, 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. R4-2002-0030 only to the applicant. A copy of the Order will be furnished to anyone who requests it.

If you have any additional questions, please contact Mr. David Koo at (213) 620-6155.

Sincerely,

Dennis A. Dickerson
Executive Officer

Enclosures:

1. Board Order No. R4-2002-0030
2. Monitoring and Reporting Program No. CI-8492
3. Standard Provisions applicable to Waste Discharge Requirements (addressee only)
4. Fact Sheet

cc: Mr. Gordon Innes, Division of Water Quality, State Water Resources Control Board
Mr. Robert Sams, Office of Chief Counsel, State Water Resources Control Board
Mr. Michael Lauffer, Office of Chief Counsel, State Water Resources Control Board
Mr. Tim Smith, County of Los Angeles Department of Public Works, Environmental Programs Division, Underground Tanks
Mr. Norman M. Chowdhury, Los Angeles Regional Water Quality Control Board, Underground Storage Tank Section
Mr. William B. Henry, Waterstone Environmental, Inc.

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