



California Regional Water Quality Control Board

Los Angeles Region



Winston H. Hickox
Secretary for
Environmental
Protection

Over 50 Years Serving Coastal Los Angeles and Ventura Counties
Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Gray Davis
Governor

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.swrcb.ca.gov/rwqcb4>

November 20, 2002

Mr. Ron Workman
Big Penny Car Wash
17509 Pioneer Boulevard
Artesia, CA 90701

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7000 0520 0024 7219 6449

Dear Mr. Workman:

GENERAL WASTE DISCHARGE REQUIREMENTS FOR GROUNDWATER REMEDIATION AT PETROLEUM HYDROCARBON FUEL AND/OR VOLATILE ORGANIC COMPOUND IMPACTED SITES – BIG PENNY CAR WASH, 17509 PIONEER BOULEVARD, ARTESIA, CALIFORNIA (FILE NO. R-00456)

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

In January 1999, methyl tertiary butyl ether (MTBE) was detected in on-site monitoring wells MW-6 and MW-7. In August 2000 MTBE was also detected in off-site monitoring well MW-12. In February 2002, an "Amended Remedial Action Work Plan" (Plan) with a feasibility study was submitted to the Regional Board. In the Plan, a pump-and-treat system with a carbon filtration treatment unit was proposed as a cleanup method for the contaminated groundwater at the subject site. The Plan was approved by Board staff on May 29, 2002.

Six existing wells (MW-2, MW-4, MW-6, MW-7, MW-9 and MW-12) will be utilized in the extraction activities. These wells are located within a dissolved petroleum hydrocarbon plume. The extracted groundwater is passed through a granular activated carbon filtration treatment unit which consists of three 55-gallon drums in series. The treated water will then be re-injected to depths of up to 20 feet below ground surface through two existing wells, MW-3 and MW-5, with a designed injection rate of approximately 7 gallons per minute or 10,080 gallons per day (gpd) for each well.

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 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. 012) and the new Monitoring and Reporting Program No. CI-8500.

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. Ron Workman
Big Penny Car Wash

- 2 -

November 20, 2002

The "Monitoring and Reporting Program" requires you to implement the monitoring program on the effective date of this enrollment (November 20, 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-8500", 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-8500
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. Craig R. Norton, EREMCO

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.