



# 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

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Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.swrcb.ca.gov/rwqcb4>

March 10, 2003

Mr. John Hundley  
World Oil Marketing Company  
9302 South Garfield Avenue  
South Gate, CA 90280

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
CLAIM NO. 7000 0520 0024 7219 6494

Dear Mr. Hundley:

### **GENERAL WASTE DISCHARGE REQUIREMENTS FOR GROUNDWATER REMEDIATION AT PETROLEUM HYDROCARBON FUEL AND/OR VOLATILE ORGANIC COMPOUND IMPACTED SITES – WORLD OIL STATION NO. 65, 8020 SANTA MONICA BOULEVARD, WEST HOLLYWOOD, CALIFORNIA (ID NO. I-04523)**

We have completed our review of your application for Waste Discharge Requirements to re-inject treated water from the groundwater treatment system back into the shallow aquifer at World Oil Station No. 65 (Station) located at 8020 Santa Monica Boulevard, West Hollywood, California (Figure 2).

A groundwater investigation conducted at the Station in April 1996 indicated that groundwater was impacted by total petroleum hydrocarbons as gasoline (TPH<sub>G</sub>), benzene, ethylbenzene, toluene, total xylene, and methyl tertiary butyl ether (MTBE). In October 2002, the Discharger proposed a Corrective Action Plan (CAP) to cleanup the soil and groundwater at the site by soil vapor extraction together with groundwater treatment.

The CAP was approved by Regional Board staff on February 5, 2003. The proposed groundwater treatment system will consist of 3 groundwater extraction wells (TSG-EW-23, TSG-EW-24, and MW-21), two 10 to 50 micron bag filters ( housings installed in parallel), two to four 1,000-pound granular activated carbon (GAC) filter vessels in series, an anti-siphon valve, a totalizer, and a pressure switch (Figure 1). The extracted groundwater will be processed through the bag filters to remove sediments and other suspended and settleable solids. The GAC filter vessels will then remove the dissolved petroleum and chlorinated hydrocarbons by adsorption. Treated groundwater will then be re-injected through existing upgradient monitoring well SE-MW-17 (Figure 3) back into the aquifer to depths of up to 70 feet below ground surface and at a rate of approximately 2 gallons per minute.

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.

### **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. John Hundley  
World Oil Marketing Company

- 2 -

March 10, 2003

Enclosed are your Waste Discharge Requirements, consisting of Regional Board Order No. R4-2002-0030 (Series No. 021) and Monitoring and Reporting Program No. CI-8553.

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of this enrollment (March 10, 2003) under Regional Board Order No. R4-2002-0030. 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, include a reference to "Compliance File No. CI-8553", 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. R4-2002-0030 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-8553
3. Standard Provisions applicable to Waste Discharge Requirements (addressee only)

cc: Mr. Robert Sams, Office of Chief Counsel, State Water Resources Control Board  
Mr. Michael Lauffer, Office of Chief Counsel, State Water Resources Control Board  
Ms. Evelyn Tompkins, Department of Water Resources, Southern District  
Mr. Chris Nagler, Department of Water Resources, Southern District  
Dr. Bruce Mowry, Water Replenishment District of Southern California  
Captain David Soto, Los Angeles City Fire Department, Underground Storage  
Tank Program  
Mr. Daniel Pirotton, Los Angeles Regional Water Quality Control Board,  
Underground Storage Tanks-Coastal  
Mr. David Rasmussen, Los Angeles Regional Water Quality Control Board,  
Site Cleanup Unit II  
Mr. Karl Bowers, The Source Group, Inc.

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