



California Regional Water Quality Control Board

Los Angeles Region

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Gray Davis
Governor

Winston H. Hickox
Secretary for
Environmental
Protection

June 20, 2003

Mr. Gerald C. Brown, Environment Manager
Rockwell Scientific Company, LLC
1049 Camino Dos Rios
Thousand Oaks, California 91360

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7002 2410 0006 3316 4623

Dear Mr. Brown:

GENERAL WASTE DISCHARGE REQUIREMENTS FOR GROUNDWATER REMEDIATION AT PETROLEUM HYDROCARBON FUEL AND/OR VOLATILE ORGANIC COMPOUND IMPACTED SITES – ROCKWELL SCIENTIFIC COMPANY, LLC., 1049 CAMINO DOS RIOS, THOUSAND OAKS, CALIFORNIA (FILE NO. 92-42, CI-7239)

We have completed our review of your application for Waste Discharge Requirements to discharge treated groundwater from a pump-and-treat system into the ground for landscape irrigation and hillside fire protection in the area immediately east of Building 100.

Rockwell Scientific Company, LLC (hereinafter Discharger) owns and operates a facility located in the City of Thousand Oaks, California (Figure 4).

In 1985, the Discharger removed two underground waste solvent storage tanks. After the tanks were removed, an investigation showed that the soil and ground water beneath the tanks were contaminated with various petroleum and chlorinated compounds (benzene, toluene, xylene, dichloromethane, dichloroethylene, trichloroethane, trichloroethylene, methylene chloride, chlorobenzene, chloroform). The contaminated soil (and three feet of bedrock) beneath the former tanks was removed. The Discharger's initial groundwater cleanup efforts were under the jurisdiction of Ventura County Environmental Health Division.

In February 1990, an interceptor trench was constructed west of the Chemical Storage Building. The trench was constructed to intercept the perched groundwater containing volatile organic compounds.

Since March 1, 1993, the Discharger has been treating the groundwater that is extracted from an interceptor trench, six shallow wells and six deep groundwater monitoring wells completed in the bedrock by pumping first to a 200 gallon holding tank and then by passing it through two activated carbon canisters connected in series (refer to Figure 1: Treatment System Schematic). Treated groundwater is then transferred to a 550-gallon tank and held until discharged for use in landscape irrigation or hillside fire protection in the area immediately east of Building 100 under Waste Discharge Requirement (WDR) Order No. 93-006 (refer to Figure 2: Location of Monitor Wells).

On November 15, 2002, the Discharger submitted a report of waste discharge (RoWD) for discharge of the treated groundwater to land. The Discharger proposes to continue treating up to

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500 gallons per day of contaminated groundwater and to dispose it to land as currently allowed under WDR Order No. 93-006.

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. Once this enrollment becomes effective, the Discharger intends to submit a termination request for WDR Order 93-006.

Enclosed are your Waste Discharge Requirements, consisting of Regional Board Order No. R4-2002-0030 (Series No. 027) and Monitoring and Reporting Program No. CI-7239. Please note that the Monitoring and Reporting Program number has not changed.

The Monitoring and Reporting Program requires you to implement the new monitoring program on the effective date of this enrollment (June 20, 2003) 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 File No. CI-7239, 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. Orlando H. Gonzalez at (213) 620-2267.

Sincerely,

Dennis A. Dickerson
Executive Officer

Enclosures:

1. Board Order No. R4-2002-0030
2. Monitoring and Reporting Program No. CI-7239
3. Standard Provisions Applicable to Waste Discharge Requirements (addressee only)

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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
Mr. Kurt Souza, Cal. DHS, Region 5 - So Cal. Branch, Drinking Water Field Operation
Mr. Doug Beach, Ventura County Environmental Health Division
Mrs. Angelica Castaneda, LARWQCB -Well Investigation Program
Mr. Kurst J. Blust, Haley & Aldrich, Inc.
Dr. Bruce Moury, WRD, Southern California Water Replenishment District
Mr. Donald H. Nelson, Public Works Director, City of Thousand Oaks

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