



Dr. Alan Lloyd
Agency Secretary

California Regional Water Quality Control Board

Los Angeles Region

Recipient of the 2001 Environmental Leadership Award from Keep California Beautiful



Arnold Schwarzenegger
Governor

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February 9, 2005

Mr. Steve Granade, Environmental Engineer
Naval Base Ventura County
Environmental Division, Code N45V
311 Main Road, Suite #1
Point Mugu, CA 93042-5000

GENERAL WASTE DISCHARGE REQUIREMENTS

(ORDER NO. R4-2002-0030, SERIES NO. 57, CI NO. - 8862)

CALCIUM CHLORIDE AND RHODAMINE DYE INJECTION RELATED TO PIEZOCONE AND GEOVIS DATA COLLECTION – 410 PATTERSON ROAD, NAVAL BASE VENTURA COUNTY, PORT HUENEME, CALIFORNIA (SLIC NO, 281A, FILE NO. 94-073)

Dear Mr. Granade:

Regional Board staff have completed our review of your application for coverage under General Waste Discharge Requirements (WDR) to inject Calcium Chloride (CaCl_2) and Rhodamine dye into the shallow aquifer underlying the site as part of a Piezocone/GeoVIS evaluation, and have determined that the proposed discharge meets the conditions specified in Regional Board 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.

The primary contaminant in groundwater at the evaluation site is methyl tertiary butyl ether (MTBE). The MTBE plume is being remediated with a series of biobarriers and, at the toe, a system of groundwater extraction wells. The proposed injection is intended to assist in the evaluation of the Piezocone and GeoVIS aquifer characterization tools and will not adversely influence MTBE remediation. The tools may help to reduce aquifer investigation costs in the future at other sites with contaminated groundwater.

You may begin to inject a maximum of 190 liters (L) of 275,000 milligram per liter (mg/L) CaCl_2 , and 2 liters of 200 mg/L Rhodamine dye into groundwater immediately, at the Naval Base Ventura County, Port Hueneme facility, dissolved MTBE contaminant plume at approximately Latitude: N34.138°, Longitude: W-119.194°.

Enclosed are your Waste Discharge Requirements, consisting of Regional Board Order No. R4-2002-0030 (Series 057) and Monitoring and Reporting Program No. CI-8862. Please note that the discharge limits in Attachment A [DWR Basin No. 4-4 (Oxnard Plain – Unconfined and Perched Aquifers)] of this Order No. R4-2002-0030 are applicable to your discharge.

The “Monitoring and Reporting Program” requires you to implement the monitoring program on the effective date of this enrollment (February 9, 2005) under Regional Board Order No. R4-2002-0030. All monitoring reports shall be sent to the Regional Board, ATTN: Information Technology Unit.

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Mr. Steve Granade
Naval Base Ventura County

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When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-8862", which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

If you have any questions, please contact Mr. Peter Raftery at (213) 576-6724.

Sincerely,

Jonathan Bishop
Executive Officer

Enclosures:

- 1) Fact Sheet
- 2) General Waste Discharge Requirements, Order No. R4-2002-0030
- 3) Monitoring and Reporting Program, CI No. 8862

cc: Mark Kram, NFESC, Port Hueneme
Peter Chen, DTSC, Cypress
Christine Bucklin, DTSC, Glendale

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