



# California Regional Water Quality Control Board

## Los Angeles Region



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August 1, 2002

Mr. Jeff Pratt  
Ventura County Flood Control District  
800 S. Victoria Avenue  
Ventura, CA 93009

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
CLAIM NO. 7002 0860 0001 0650 8944

Dear Mr. Pratt:

**GENERAL WASTE DISCHARGE PERMIT COVERAGE (ORDER NO. 93-010) FOR SPECIFIED DISCHARGES TO GROUNDWATER – LANG CREEK DEBRIS AND DETENTION BASINS, THOUSAND OAKS, CALIFORNIA (CI-8435, File No. 02-101)**

We have completed our review of your application which includes the May 15, 2002, Report of Waste Discharge (ROWD) submitted by Ladd and Associates on behalf of Ventura County Flood Control District (hereafter the Discharger) for discharge of groundwater produced during the construction of the Lang Creek Debris & Detention Basin Project.

The subject facility is located in Thousand Oaks. The project consists of the construction of a flood control dam, detention and debris basins, and appurtenant structures. The main project features massive excavations, dam embankment construction, concrete emergency spillway structures, rip-rap placement, and access road paving. The project involves the disturbance of 16.6 acres. The discharger has filed a Notice of Intent to comply with the terms of the general permit to discharge storm water associated with construction activity (WQ Order No. 99-08-DWQ) (WDID No. 456S317332). The discharger intends to perform the groundwater dewatering by utilizing a well point system.

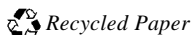
The discharger will construct a temporary pond of 226,000 gallons capacity (140'X39'X8') (Latitude: 34° 12' 39" N, Longitude: 118° 49' 36" W) of native soil lined with plastic to receive the groundwater from the construction dewatering project. The groundwater will be temporarily stored in the lined pond prior to being sprayed on the construction site as a dust suppressant or for use to condition the soil for compaction. If there is any excess groundwater, the discharger will use it to irrigate the highly vegetated hillsides immediately adjacent to the project. The irrigation groundwater will be pumped from the lined pond. The irrigation system will consist of four-inch aluminum pipe with sprinkler heads attached at approximately 50 feet intervals. Groundwater dewatering is expected to begin by July 31, 2002, and will last for approximately three months.

The discharger expects that pumping rates, on an intermittent basis, will approach 57,600 gallons per day from four wells, and anticipates using 172,000 gallons per day (140,00

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gallons/day for compaction and 32,000 gallons/day for dust control) for construction water on the project. Irrigation would be done if needed.

The site location is in the Thousand Oaks area and in the eastern portion of the Conejo Valley. The groundwater quality in this area is poor with high concentrations of sulfate, chloride, and with total dissolved solids (TDS) concentrations greater than 1,000 mg/L. General Waste Discharge Requirements of Order 93-010 establish limits for these constituents for this area. The water quality objectives are 1,400 mg/L for TDS, 700 mg/L for sulfate, 150 mg/L for chloride, and 1.0 mg/L for boron. The variability and poor quality of the local waters is seen for the Lindero Canyon area of the adjacent groundwater basin which is located east of the project. The water quality objectives for Lindero Canyon area are 2,000 mg/L for TDS, 500 mg/L for sulfate, 500 mg/L for chloride, and 2.0 mg/L for boron.

The poor groundwater quality and variability within the area of the site is also shown by results of site specific groundwater samples collected on June 10 and July 18, 2002 from the construction site at 15 feet below grade which indicate the following results: 837 and 1,850 mg/L for TDS, 700 and 808 mg/L for sulfate, 293 and 225 mg/L for chloride, and 0.632 and 0.807 mg/L for boron, respectively. With the exception of TDS in the first sample and for boron for both samples, chlorides, sulfate, and TDS are at levels above the 1994 Basin Plan water quality objectives. Existing water quality data gathered in 1986 for this area indicate that the TDS range from 882-2432 mg/L, sulfate range from 234-1032 mg/L, and chloride range from 149 – 340 mg/L. Water quality data indicate priority pollutants to be non-detect.

Waste Discharge Requirements (E.6.) of Board Order No 93-010 states: "Wastewater discharged to groundwater shall maintain the existing water quality, even if that existing water quality exceeds established objectives. A determination shall be made by the Executive Officer as to the applicability of water quality standards with regard to the "Statement of Policy with Respect to Maintaining High Quality of Water in California", with each discharge, on a site – specific basis". The proposal is for groundwater to be utilized in the area from which it was extracted. It will not be a threat to water quality nor will it threaten beneficial uses of the local groundwater. Subsequently, the Executive Officer has determined that the objectives for TDS, chlorides, and sulfates per Attachments "A" and "B" of Order No. 93-010 are not applicable to this proposed discharge.

Regional Board staff have reviewed the information provided and determined that the proposed discharge qualifies for enrollment under Order No. 93-010, "General Waste Discharge Requirements for Specified Discharges to Groundwater in Santa Clara River and Los Angeles River Basins" adopted by this Board on January 25, 1993. Refer to the attached Fact Sheet.

Enclosed are your Waste Discharge Requirements consisting of Regional Board Order No. 93-010, Monitoring and Reporting program No. CI-8435 and Standard Provisions Applicable to

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Waste Discharge Requirements (Attachment W). The Monitoring and Reporting Program requires you to implement the monitoring program on the date you receive this Order. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit. When submitting monitoring and technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-8435", 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.

In order to avoid future annual fees, please notify this Regional Board when the project has been completed and the permit is no longer needed.

We are sending Board Order No. 93-010 only to the applicant. A copy of the Order will be furnished to anyone who requests it.

Please note that all prospective dischargers of waste shall file a Report of Waste Discharge at least 120 days before start of discharge. This would enable Board staff time to review the application and to complete the Waste Discharge Requirements subsequent to any application resubmittals by the prospective discharger.

If you have any questions regarding this matter, please contact Orlando H. Gonzalez at (213) 620-2267.

Sincerely,

Dennis A Dickerson  
Executive Officer

#### Enclosures

Board Order No. 93-010  
Monitoring and Reporting Program No. CI-8435  
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. James Evans, Ventura County Environmental Health Division, Liquid Waste  
Ms. Melinda Talent, Ventura County Environmental Health Division, Land Use Unit  
Ms. Kimberly Bolander, South Coast Air Quality Management District

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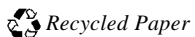
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Mr. George Ehrhardt, City of Thousand Oaks  
Ken Cordeiro, Ladd and Associates

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