



California Regional Water Quality Control Board

Los Angeles Region



Dan Skopec

Acting Agency Secretary

Recipient of the 2001 Environmental Leadership Award from Keep California Beautiful

Arnold Schwarzenegger

Governor

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May 26, 2006

Mr. John Mihatov
Environmental Director
Ormond Beach Generating Station
6635 South Edison Drive
Oxnard, CA 93003

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7002 2030 0006 2095 2446

Dear Mr. Mihatov:

GENERAL WASTE DISCHARGE PERMIT COVERAGE (ORDER NO. 93-010) FOR SPECIFIED DISCHARGES TO GROUNDWATER – RELIANT ENERGY ORMOND BEACH, LLC, VENTURA, CALIFORNIA (CI-9096, File No. 06-099)

We have completed our review of your application for waste discharge requirements which includes the February 27, 2006, Report of Waste Discharge (ROWD) submitted by Ms. Julie Babcock, Senior Environmental Specialist on behalf of Ormond Beach Generating Station Inc. (hereafter the Discharger) for discharge of groundwater pumped during the construction and connection of a pipe that will carry domestic wastewater (sewage) from the Ormond Beach Generating station (Plant) to the City of Oxnard sewer system.

The dewatering activity will be conducted during the installation of two vaults and tie-in to the City of Oxnard sewer system (Figure 1). The excavation is estimated to be approximately 10 to 12 feet below ground level and the groundwater pumping flow during the installation will be approximately 20 gallons per minute or 9,600 gallons per day. The groundwater will be temporarily stored in Baker tanks prior to being sprayed on the construction site as a dust suppressant or for use to condition the soil for compaction, and will not infiltrate to the water table. If there is any excess groundwater, the discharger will use it to irrigate the highly vegetated areas within the Ormond Beach Generation Station property. The groundwater will be pumped from the Baker tanks to an irrigation water truck. The groundwater dewatering is expected to last approximately six days.

The groundwater quality in this area is poor with high concentrations of sulfate and 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 3,000 mg/L for TDS, 1,000 mg/L for sulfate, 500 mg/L for chloride, with no defined limit 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 January 10 and January 12, 2006 from the construction site at 10-12 feet below grade which indicate the following results: 5,330 and 4,660 mg/L for TDS, 2,470 and 2,230 mg/L for sulfate, 400 and 370 mg/L for chloride, and 1.1 and 1.1 mg/L for boron, respectively. With the exception of chloride for both samples, sulfate, and

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TDS are at levels above the 1994 Basin Plan water quality objectives. Water quality data indicate priority pollutants to be below practical quantitation limits.

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, for dust control and/or soil compaction, or to be taken up in the root zone, 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.

Enclosed are your Waste Discharge Requirements consisting of Regional Board Order No. 93-010, Monitoring and Reporting program No. CI-9096 and Standard Provisions Applicable to 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-9096", 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.

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Mr. John Mihatov
Reliant Energy Ormond Beach Inc.

- 3 -

May 26, 2006
CI-9096

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

Sincerely,

Jonathan S. Bishop
Executive Officer

Enclosures

Board Order No. 93-010
Monitoring and Reporting Program No. CI-9096

cc: 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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