



California Regional Water Quality Control Board

Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Linda S. Adams
Agency Secretary

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Arnold Schwarzenegger
Governor

August 11, 2006

Mr. Eric Leung, Director Water Resources
Long Beach Water Department
1800 East Wardlow Road
Long Beach, CA 90807-4994

ENROLLMENT UNDER STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO LAND WITH A LOW THREAT TO WATER QUALITY (STATE WATER RESOURCES CONTROL BOARD WATER QUALITY ORDER NO. 2003-0003-DWQ, SERIES 008) FOR PROPOSED DISCHARGE OF AQUIFER TEST WATER AT JUNIPERO BEACH NEAR BLUFF PARK, LONG BEACH, CALIFORNIA (FILE NO. 06-166, CI-9148)

Dear Mr. Leung:

Reference is made to your letter dated June 21, 2006 to this Regional Water Quality Control Board (Regional Board) transmitting an Notice of Intent (NOI) and a proposed Discharge Monitoring Program (DMP) to apply for Waste Discharge Requirements for the discharge of wastewater that will be generated during a proposed aquifer test.

As part of the "Under Ocean Floor Seawater Intake and Discharge Demonstration Project" proposed by the City of Long Beach, the Long Beach Water Department intends to conduct an aquifer test on Junipero Beach near Bluff Park, Long Beach, California (Latitude N 33° 45' 44", Longitude W 118° 09' 50"). The proposed aquifer test, which will impact approximately 2000 liner feet of beach, requires the installation of two temporary test wells and six temporary monitoring wells on beach sands and is expected to generate an estimated total of 150,000 gallons of well development and purge water. The wastewater will be discharged into two temporary dewatering basins constructed on beach sand and is expected to immediately percolate into the sand after discharge.

The proposed aquifer test work is anticipated to begin shortly after September 15, 2006 and be completed in about three weeks. The test/monitoring wells will be drilled using a sonic drilling system that does not generate drilling cuttings. Any semi-solid and solid wastes generated during the project must be contained and hauled off site to a legal point of disposal. Temporary orange plastic fencing will be used to secure the site. A security guard will be on site at all times to ensure all discharge compliance, noise, and security requirements are met. Following completion of the test, all well materials will be removed and the site will be restored to its preexisting condition.

For the full scale operation of the proposed Under Ocean Floor Seawater Intake and Discharge Demonstration Project, we assume that the City of Long Beach will be evaluating the risk of subsidence stemming from large scale withdrawals of water along the coast line.

We have reviewed the information provided and have determined that the proposed discharge meets the conditions specified in State Water Resources Control Board Water Quality Order No. 2003-0003-DWQ, "Statewide General Waste Discharge Requirements (WDRs) for Discharges to Land with a Low Threat to Water Quality", adopted by the State Water Resources Control Board on April 30, 2003. The DMP included in your application is hereby approved.

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Mr. Eric Leung
Long Beach Water Department

- 2 -

August 11, 2006

Enclosed is a copy of State Water Resources Control Board Water Quality Order No. 2003-0003-DWQ. You are required to implement the DMP you proposed on the effective date of the discharge. 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, please include a reference to "Compliance File No. CI-9148", 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.

To save printing and shipping costs, we are sending a copy of Order No. 2003-0003-DWQ only to the applicant. A copy of the Order will be furnished to anyone who requests it.

Please notify Regional Board staff a minimum of seven days prior to drilling of the first well so we have an opportunity to be on site. When the aquifer test activities are completed, please submit a completed Notice of Termination (NOT) form (included in Order No. 2003-0003-DWQ). If the Long Beach Water Department fails to submit the NOT, it will be subject to ongoing annual fees for the project.

Also, please note that this approval of wastewater discharge under Water Quality Order No. 2003-0003-DWQ is limited to the proposed aquifer test only. Discharge of any wastewater generated by the proposed Under Ocean Floor Seawater Intake and Discharge Demonstration Project must comply with the National Pollutants Discharge Elimination System (NPDES) regulations and meet standards for protection of marine life.

If you have any questions, please contact Rodney Nelson at (213) 620-6119, or Wen Yang at (213) 620-2253.

Sincerely,

Jonathan S. Bishop
Executive Officer

Enclosure:

SWRCB Water Quality Order No. 2003-0003-DWQ

cc: Mr. Richard Wagener, County of Los Angeles, Department of Health Services
Mr. Joseph Chesler, County of Los Angeles, Department of Beaches and Harbors
Ms. Theresa Wu, Long Beach Water Department
Mr. Tom Barnes, ESA Water

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