



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

April 30, 2008

Mr. Hazem Gabr, Senior Environmental Specialist
Southern California Edison
2244 Walnut Grove Avenue
Rosemead, CA 91770

GENERAL WASTE DISCHARGE REQUIREMENTS FOR SPECIFIED DISCHARGES TO GROUNDWATER – MIDDLE RANCH, AVALON, CALIFORNIA (Order No. 93-010, Series No. 032, File No. 08-049, CI-9405)

Dear Mr. Gabr:

We have completed review of your application for Waste Discharge Requirements (WDRs) for the discharge of extracted groundwater at the above referenced site (Site). The application was received at this Regional Water Quality Control Board (Regional Board) on February 1, 2008. On April 22, 2008, you submitted additional materials to be included in the application.

To maintain the existing drinking water supply system and explore for additional water sources on Catalina Island, Southern California Edison (SCE) plans to replace one existing water supply well (MR #5A) and construct two piezometers at Middle Ranch (approximately 33° 21' 21"N, 118° 26' 53"W), which is located approximately five miles west of the City of Avalon. Each well or piezometer will be drilled with an air-rotary drill rig and developed to maximize flow by a combination of swabbing, pumping, and airlifting. SCE estimates that a total of approximately 140,000 gallons of groundwater will be pumped and discharged on land during the project. Extracted groundwater will be ponded onsite. Best Management Practices (BMPs) for liquid management (WM-10) and erosion control (SE-8 and SE-9), as found in the California Stormwater BMP Handbook, will be applied until all water has percolated back to ground or evaporated. Soil cuttings will remain at the drilling location and spread as necessary to facilitate drying.

The application includes laboratory analytical data of one groundwater sample from the site that was analyzed for general chemicals, volatile organic chemicals, pesticides, and metals. The data indicates that no US EPA primary maximum contamination level (MCL) or Regional Board Basin Plan water quality objective was exceeded.

Regional Board staff has reviewed the information provided and determined that the proposed discharge meets the conditions specified in 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-9405](#) and Standard Provisions Applicable to Waste Discharge Requirements. The Monitoring and Reporting Program requires you to implement the monitoring program on the date you receive this Order.

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. Hazem Gabr
Southern California Edison

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April 30, 2008

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-9405](#)", 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 submit a termination certification when the project is 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, or on line at:
http://www.swrcb.ca.gov/rwqcb4/board_decisions/adopted_orders/

If you have any questions please contact Wen Yang at (213) 620-2253.

Sincerely,

Tracy J. Egoscue
Executive Officer

Enclosures:

1. Board Order No. 93-010 (addressee only)
2. Monitoring and Reporting Program No. [CI-9405](#)
3. Standard Provisions Applicable to Waste Discharge Requirements (addressee only)

cc: Mr. Patrick Nejadian, Department of Health Service, County of Los Angeles

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