

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI- 9405

for
SOUTHERN CALIFORNIA EDISON
(MIDDLE RANCH, CATALINA ISLAND)
Enrollment under Regional Board Order No. 93-010 (Series No. 032)
(FILE NO. 08-049)

I. REPORTING REQUIREMENTS

- A. Southern California Edison (hereinafter Discharger) shall implement this monitoring program from the effective date of this enrollment under Regional Board Order No. 93-010. The first monitoring report under this program, for the monitoring period April – June, 2008, shall be received at the Regional Board by July 15, 2008. Subsequent monitoring reports shall be received at the Regional Board according to the following schedule:

<u>Monitoring Period</u>	<u>Report Due</u>
January – March	April 15
April – June	July 15
July – September	October 15
October – December	January 15
Final Summary Report	within 30 days of the termination of discharge

- B. If there is no discharge during any reporting period, the report shall so state. Monitoring reports must be addressed to this Regional Board, Attention: Information Technology Unit.
- C. Each monitoring report shall contain a separate section titled “Summary of Non-Compliance” which discusses the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with waste discharge requirements. This section shall be located at the front of the report and shall clearly list all non-compliance with discharge requirements, as well as all excursions of effluent limitations.
- D. Laboratory analysis – all chemical analysis shall be conducted at a laboratory certified for such analyses by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP). A copy of the laboratory certification shall be provided each time a new and/or renewal certification is obtained from ELAP.
- E. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the discharger can demonstrate that a particular ML is not attainable and obtains approval for a higher ML from the Executive Officer. At least once a year, the discharger shall submit a list of the analytical methods employed for each test and the associated laboratory Quality Assurance/Quality Control (QA/QC) procedures.

April 30, 2008

- F. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. QA/QC samples must be run on the same dates as the Discharger samples are analyzed. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Board staff.
- G. Proper chain of custody procedures must be followed and a copy of the chain of custody documentation shall be submitted with the report.
- H. Each monitoring report must affirm in writing that "All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services, and in accordance with current United States Environmental Protection Agency (USEPA) guideline procedures or as specified in this Monitoring Program."
- I. For every item where the requirements are not met, the Discharger shall submit a statement of the cause(s), and actions undertaken or proposed which will bring the discharge into full compliance with waste discharge requirements at the earliest possible time, including a timetable for implementation of those actions.
- J. The Discharger shall maintain all sampling and analytical results, including strip charts; date; exact place, and time of sampling; dates analyses were performed; analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge, or when requested by the Regional Board.
- K. In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with the requirements and, where applicable, shall include results of receiving water observations.
- L. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the monthly monitoring report.

II. WATER QUALITY MONITORING REQUIREMENTS

- A. The quarterly reports required in Section I.A. shall include a summary of operation and maintenance at the site that are related to the extraction and discharge of groundwater. The information to be reported shall include, at a minimum, the following:
 - 1. The volume of extracted groundwater, on a daily basis that has been discharged;
 - 2. Best management practices (BMPs) that have been applied; and
 - 3. A certification statement that no runoff water or pollutants from the Site enters into any water of the United States, which include dry creeks, wash, river, etc.

- B. A sampling station shall be located where representative samples of that extracted groundwater can be obtained. The following shall constitute the effluent monitoring program:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Total flow	gal/day	N/A	Weekly
pH	pH Units	grab	Initially and monthly ¹
Total dissolved solids	mg/L	grab	Initially and monthly ¹
Sulfate	mg/L	grab	Initially and monthly ¹
Chloride	mg/l	grab	Initially and monthly ¹
Boron	mg/L	grab	Initially and monthly ¹
Nitrate as Nitrogen	mg/L	grab	Initially and monthly ¹
<u>Priority pollutants²</u>	<u>µg/L</u>	<u>grab</u>	<u>One-time</u>

¹ If groundwater discharge occurred during the month.

² A complete list of priority pollutants (Attachment A) is attached, but the Discharger is required to test only for volatile organic compounds (VOCs) and metals on the list.

All water monitoring reports must include, at minimum, the following:

- a. Sampling location, date and time of sampling;
- b. Sampler identification, and laboratory identification;
- c. Quarterly observation of groundwater levels, recorded to 0.01 feet mean sea level.

III. MONITORING FREQUENCIES

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

IV. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the _____ day of _____ at _____

_____(Signature)

_____(Title)

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by: _____
Tracy J. Egoscue
Executive Officer

Date: April 30, 2008