

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION

ORDER NO. 84-120

WASTE DISCHARGE REQUIREMENTS  
FOR  
EISENHOWER MEDICAL CENTER  
Rancho Mirage - Riverside County

The California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. Eisenhower Medical Center (hereinafter also referred to as the discharger), 39000 Bob Hope Drive, Rancho Mirage, California, 92270, submitted a Report of Waste Discharge, dated November 2, 1984.
2. The discharger proposes to discharge air-conditioning cooling wastewater from a 300-bed hospital facility at a maximum flow of 1,000 gallons-per-minute through a closed system into an injection well, which would be a maximum of 300 feet deep. A minimum distance of about 50 feet would separate this well from a production well, which is to be about 800 to 1,000 feet deep. The hospital is located in the N $\frac{1}{2}$  of the SW $\frac{1}{4}$  of Section 6, T5S, R6E, SBB&M. By injecting the wastewater, the current discharge of wastewater to land would be eliminated.
3. The Water Quality Control Plan for the Colorado River Basin Region of California was adopted by the Regional Board on May 16, 1984. The Basin Plan contains water quality objectives for Coachella Hydrologic Subunit.
4. The beneficial uses of ground water of the Coachella Hydrologic Subunit are:
  - a. Municipal supply
  - b. Industrial supply
  - c. Agricultural supply
5. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
6. The Board in a public meeting heard and considered all comments pertaining to the proposed discharge.
7. This project involves issuance of waste discharge requirements that will assure water quality protection, and as such is exempt from the provisions of the California Environmental Quality Act in accordance with Title 14, California Administrative Code, Chapter 3, Section 15308.

*Rescinded  
by 85-88  
8/07/85*

IT IS HEREBY ORDERED, the discharger shall comply with the following:

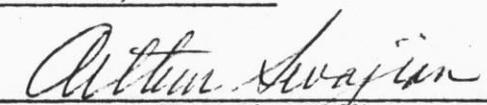
A. Specifications

1. Neither the treatment nor the discharge of wastewater shall create a pollution or a nuisance as defined in Division 7 of the California Water Code.
2. No wastewater other than that described in Finding No. 2 (above) shall be discharged at this location.
3. Wastewater discharged subsurface shall be retained underground with no surfacing.
4. There shall be no chemicals added to the designated cooling water system.
5. There shall be no increase of mineral constituents in the discharged wastewater over that contained in the water supply.
6. Measures shall be taken to prevent backflow from other uses of the production well such as irrigation, lakes and domestic supply from contaminating the injection well.
7. Preventative measures shall be installed in the cooling system to prevent leakage of any toxic substances. The gas side of the heat exchanger shall have an automatic alarm system to shutdown the water pumping system in the event of leaks in the gas coolant system.
8. An impermeable seal shall be constructed on the production well at an elevation below the perforations on the injection well.

B. Provisions

1. The discharger shall comply with the attached "Monitoring and Reporting Program No. 84-120", and future revisions thereto, as specified by the Executive Officer.
2. Prior to any modifications in this injection and cooling system, or any material change in location of discharge, the discharger shall report in writing to the Regional Board.
3. Prior to any proposed change in operation, or in control or ownership of the land upon which the discharge facilities are located, the discharger shall report in writing to the Regional Board.
4. The discharger shall submit to the Executive Officer a construction report on the drilling operations and proposed design of the two wells, and a copy of the well drillers log and the geophysical work prior to installation of the casing.

I, Arthur Swajian, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on November 14, 1984.

  
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Executive Officer

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
COLORADO RIVER BASIN REGION**

**MONITORING AND REPORTING PROGRAM NO. 84-120  
FOR  
EISENHOWER MEDICAL CENTER  
Rancho Mirage - Riverside County**

Location of Discharge: N $\frac{1}{2}$ , SW $\frac{1}{4}$ , Section 6, T5S, R6E, SBB&M

MONITORING  
COOLING WASTEWATER

Cooling wastewater discharged by injection shall be monitored for the following constituents. All samples be taken at the injection wellhead.

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Sulfate (SO <sub>4</sub> )	mg/l	Grab	Quarterly
Temperature	°F	Grab	Quarterly
Trihalomethanes*	ppb	Grab	Quarterly

WATER SUPPLY

The water supply shall be monitored for the following constituents:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/l	Grab	Quarterly
Chloride (Cl)	mg/l	Grab	Quarterly
Sulfate (SO <sub>4</sub> )	mg/l	Grab	Quarterly
Temperature	°F	Grab	Quarterly

\*For Fluorinated Methanes (Freon Coolant)

REPORTING

Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15 of each year.

A statement that no additives have been added to the cooling water system during the previous year shall be submitted annually.

Reports shall be mailed to:

California Regional Water Quality Control Board  
Colorado River Basin Region  
73-271 Highway 111, Suite 21  
Palm Desert, CA 92260

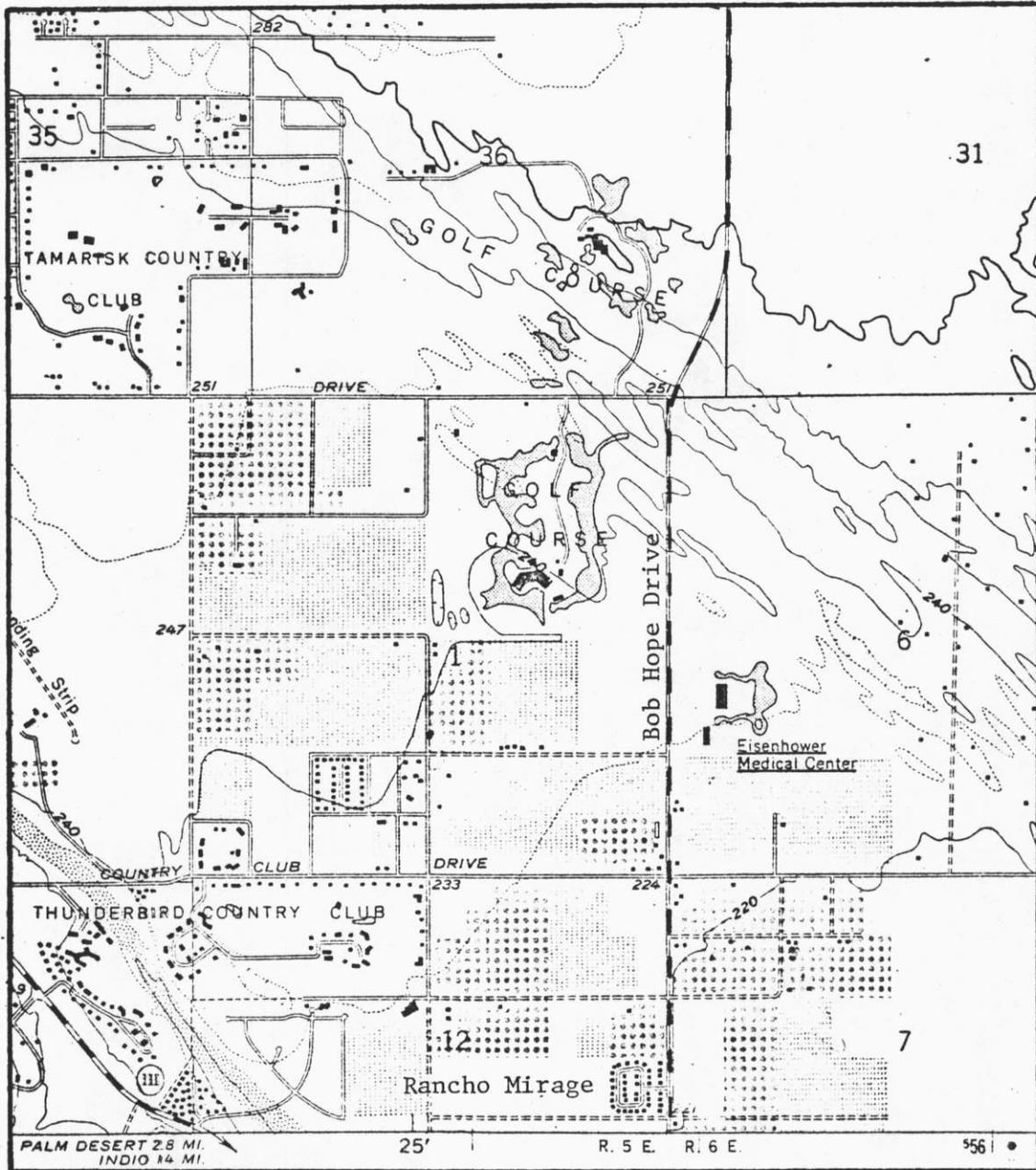
ORDERED BY:

*Arthur Sevajian*  
Executive Officer

November 14, 1984

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - 7



SITE MAP

EISENHOWER MEDICAL CENTER  
 Rancho Mirage - Riverside County  
 N½ of the SW¼ of Section 6, T5S, R6E, SBB&M  
 USGS Cathedral City 7.5 min. Topographic Map

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