

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

MONITORING AND REPORTING PROGRAM NO. R7-2003-0015
FOR

KAISER EAGLE MOUNTAIN, LLC, OWNER/OPERATOR
SEWAGE DISPOSAL FACILITY
Desert Center – Riverside County

Location of Discharge: the SW ¼, SW ¼ of Section 1, T4S, R14E, SBB&M

MONITORING

1. The collection, preservation and holding times of all samples shall be in accordance with United States Environmental Protection Agency (USEPA) approved procedures. Unless otherwise approved by the Regional Board's Executive Officer, all analyses shall be conducted by a laboratory certified by the State Department of Health Services. All analyses shall be conducted in accordance with the latest edition of the "Guidelines Establishing Test Procedures for Analysis of Pollutants" (40 CFR Part 136), promulgated by the USEPA.
2. In the event of a routine maintenance and/or emergency discharge of wastewater to the basins, the Discharger shall report to the Regional Board concerning the following:
 - a. Prior to discharge, inspect the infiltration/evaporating basins and report on the integrity of said basins.
 - b. Estimate of average daily flow to basins and anticipated duration of discharge – report monthly.
 - c. Estimate of number of persons presently discharging to the sewerage system.
 - d. List any proposed changes during the coming year.
 - e. Explain any problems in the sewerage system during the preceding year.
3. If the facility is not in operation, or there is no discharge during a required reporting period, the discharger shall forward a letter to the Regional Board indicating that there has been no activity during the required reporting period.

EFFLUENT MONITORING

The infiltration/evaporation basins shall be sampled quarterly during March, June, September and December each year. The samples shall be analyzed for the following:

| <u>Constituents</u> | <u>Unit</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> | <u>Reporting Frequency</u> |
|-------------------------------|------------------|-------------------------------|---------------------------|----------------------------|
| Total Dissolved Solids | mg/L | Grab | Quarterly | Quarterly |
| Hydrogen Ion (pH) | pH units | Grab | Quarterly | Quarterly |
| Dissolved Oxygen ¹ | mg/L | Grab | Quarterly | Quarterly |
| Flow (Total Plant influent) | MGD ² | Flow Measurement ³ | Quarterly | Quarterly |
| Nitrate as Nitrogen | mg/L | Grab | Quarterly | Quarterly |

WATER SUPPLY TO THE COMMUNITY

The domestic water supply shall be sampled for the following constituent:

| <u>Constituent</u> | <u>Unit</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> | <u>Reporting Frequency</u> |
|------------------------|-------------|-----------------------|---------------------------|----------------------------|
| Total Dissolved Solids | mg/L | Grab | Annually | Annually |

OPERATION AND MAINTENANCE

The discharger shall report the following:

| <u>Activity</u> | <u>Reporting</u> |
|---|------------------|
| To inspect and document any operation/maintenance problems by inspecting the pump station, collection system and pond system. In addition, calibration of flow meters and equipment shall be performed in a timely manner and documented. | Annually |

SLUDGE MONITORING

The discharger shall report annually on the quantity, location and method of disposal of all sludge and similar solid materials being produced at the wastewater treatment plant facility. The sludge that is generated at the treatment facility shall be sampled and analyzed for the following:

¹ The sample shall be collected from the upper one foot of every oxidation basin.

² MGD - Million Gallons-Per-Day

³ Flow Measurement for each month in the quarter shall be estimated as average monthly flow in million gallons per day.

| <u>Constituent</u> | <u>Unit</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> | <u>Reporting Frequency</u> |
|------------------------------------|-------------|-----------------------|---------------------------|----------------------------|
| Arsenic | mg/kg | Composite | Annually | Annually |
| Cadmium | mg/kg | Composite | Annually | Annually |
| Chromium | mg/kg | Composite | Annually | Annually |
| Copper | mg/kg | Composite | Annually | Annually |
| Lead | mg/kg | Composite | Annually | Annually |
| Mercury | mg/kg | Composite | Annually | Annually |
| Molybdenum | mg/kg | Composite | Annually | Annually |
| Nickel | mg/kg | Composite | Annually | Annually |
| Selenium | mg/kg | Composite | Annually | Annually |
| Zinc | mg/kg | Composite | Annually | Annually |
| Total Petroleum Hydrocarbons (TPH) | µg/L | Composite | Annually | Annually |
| Fecal Coliform | MPN/100 mg | Grab | Annually | Annually |

In the event no sludge is generated, the discharger shall submit a report that states: "No sludge has been generated".

REPORTING

1. The discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in such a manner as to clearly illustrate whether the facility is operating in compliance with waste discharge requirements.
2. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurement(s);
 - b. The individual(s) who performed the sampling or measurement(s);
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or method used; and
 - f. The results of such analyses.
3. The results of any analysis taken, more frequently than required at the locations specified in this Monitoring and Reporting Program shall be reported to the Regional Board.

4. Monitoring reports shall be certified under penalty of perjury to be true and correct, and shall contain the required information at the frequency designated in this monitoring report.
5. Each report shall contain the following statement:

"I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations".
6. A duly authorized representative of the discharger may sign the documents if:
 - a. The authorization is made in writing by the person described above;
 - b. The authorization specified an individual or person having responsibility for the overall operation of the regulated disposal system; and
 - c. The written authorization is submitted to the Regional Board's Executive Officer.
7. Reporting of any failure in the facility (wastewater treatment plant, and collection and disposal systems) shall be as described in Provision No. 10. Results of any analysis performed as a result of a failure of the facility shall be provided within ten (10) days after collection of the samples.
8. The discharger shall attach a cover letter to the Self Monitoring Report. The information contained in the cover letter shall clearly identify violations of the WDRs, discuss corrective actions taken or planned and the proposed time schedule of corrective actions. Identified violations should include a description of the requirement that was violated and a description of the violation.
9. Quarterly monitoring reports shall be submitted to the Regional Board by January 15, April 15, July 15, and October 15, of each year. Annual monitoring reports shall be submitted to the Regional Board by January 15 of each year.
10. Submit monitoring reports to:

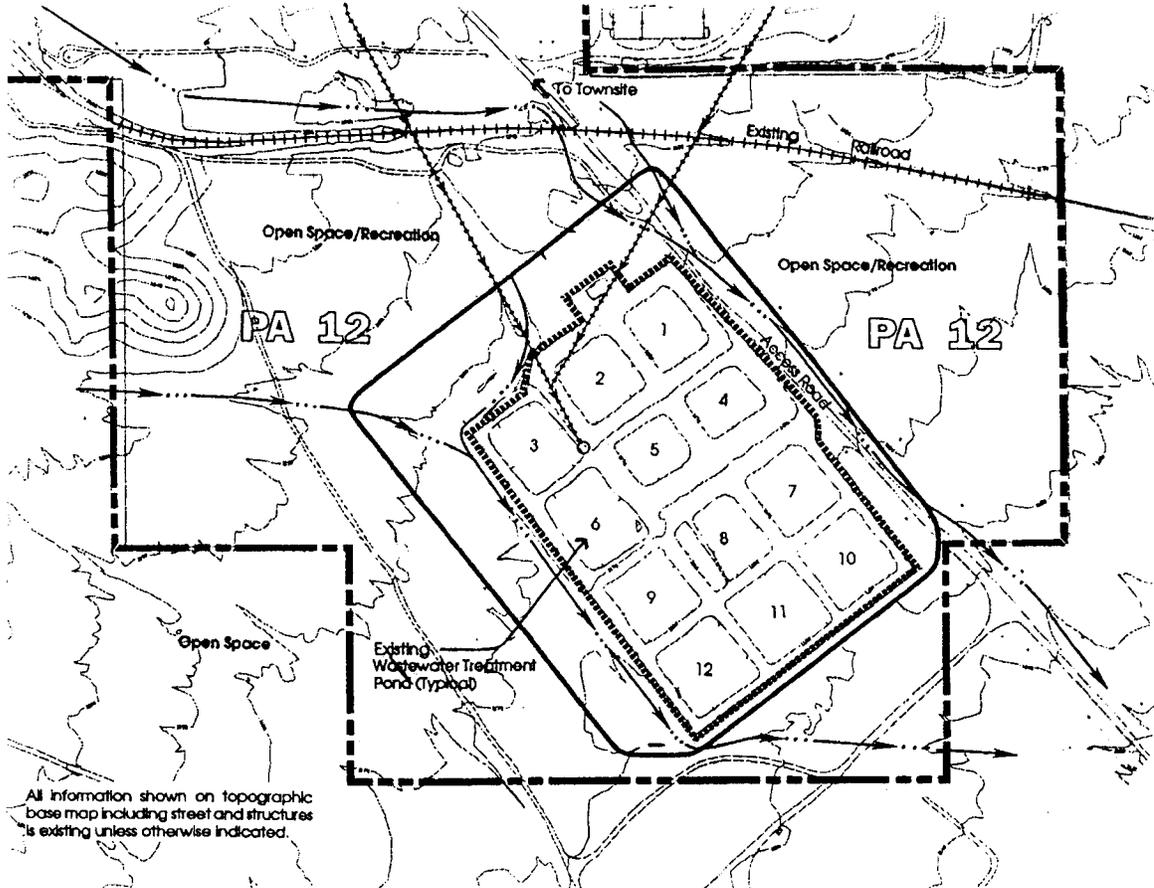
California Regional Water Quality Control Board
Colorado River Basin Region
73-720 Fred Waring, Suite 100
Palm Desert, CA 92260

Ordered by:  AEC for
Phil Gruenberg

SEP 3 2003

Date

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION



SITE MAP

KAISER EAGLE MOUNTAIN, LLC, OWNER/OPERATOR
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