

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

ORDER NO. 94-089

**WASTE DISCHARGE REQUIREMENTS
FOR
SAN BERNARDINO COUNTY
REGIONAL PARKS DEPARTMENT, OWNER
PARK MOABI MARINA
WASTEWATER TREATMENT FACILITY
Southeast of Needles - San Bernardino County**

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

1. San Bernardino County Regional Parks Department, (hereinafter referred to as the discharger), 825 East Third St., San Bernardino, CA 92415, submitted a Report of Waste Discharge on February 24, 1994.
2. A maximum of 50,000 gallons-per-day of domestic sewage is discharged from a park having 110 mobile home spaces and 647 campground spaces (34 are connected to the sewerage system). The wastewater is pumped and discharged into a raw sewage lagoon treatment system consisting of three oxidation basins with a design average daily flow of 28,000 gallons-per-day. The discharger has constructed a subbasin in each of the center and south basins as the volume of sewage presently entering the system is too small for the basins to operate effectively. The third basin is designed as a percolation pond. The discharge site is located about 10 miles south of Needles, approximately 1/4 mile from the Colorado River, in the S 1/2 of Section 6, T7N, R24E, SBB&M.
3. The discharger is discharging a total of 1,600 gallons-per-day of handwashing wastewater from eight restrooms which are located a minimum of 300 feet from the Colorado River. The washwater from each restroom is discharged into a 150-gallon grease trap. It then flows through a distribution box into a 60 square foot leach field. The seven leach fields have a total area of 420 square feet and are 800 feet apart, extending for over a mile along the river and one-half mile north of the trailer park. Toilet wastewater from each restroom is discharged through a self-contained fluid-flush recirculating unit into a sealed 1,000 gallon tank. The wastewater is regularly pumped from each tank and discharged into the disposal system described in Finding No. 2, above.
4. The discharger has reported that approximately 20 pounds per month of calcium nitrate is added to the oxidation basins to control odor.
5. In the event of a commercial power failure, an alarm on the pump station engine will sound. The discharger has available a gasoline engine which can then be used to pump the wastewater to the sewage lagoons.
6. This discharge has been subject to waste discharge requirements adopted in Board Order No. 88-114.
7. The Water Quality Control Plan for the Colorado River Basin Region of California (Basin Plan) was adopted on November 17, 1993, and designates the beneficial uses of ground and surface waters in this Region.

8. The ground water quality in the vicinity of Park Moabi should be similar to that of the Colorado River. The beneficial uses of ground waters in the Piute Hydrologic Unit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)
9. The Board has notified the discharger and all known interested agencies and persons of its intent to update waste discharge requirements for said discharge and has provided them with an opportunity for a public meeting and an opportunity to submit comments.
10. The Board in a public meeting heard and considered all comments pertaining to this discharge.
11. In accordance with Section 15301, Chapter 3, Title 14 of the California Code of Regulations, the issuance of these waste discharge requirements, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et. seq.).
12. There are no domestic wells within 200 feet of the discharge facilities described in Finding No. 2, above.

IT IS HEREBY ORDERED, that Board Order No. 88-114 is rescinded, and in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, the discharger shall comply with the following:

A. Specifications

1. The treatment or disposal of wastes at this facility shall not cause pollution or nuisance as defined in Sections 13050(l) and 13050(m) of Division 7 of the California Water Code.
2. No wastewater other than domestic wastewater shall be discharged into the sewage disposal system described in Finding No. 2, above.
3. A minimum depth of freeboard of two feet shall be maintained at all times in each oxidation basin
4. Treated or untreated sludge or similar solid waste materials shall be disposed only at locations approved by the Regional Board and San Bernardino County Department of Environmental Services.
5. Public contact with undisinfected wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives.

B. Prohibitions

- 1. The direct discharge of any wastewater to any surface waters or surface drainage courses is prohibited.**
- 2. Bypass or overflow of untreated or partially treated waste is prohibited.**

C. Provisions

- 1. Objectionable odors originating at this facility shall not be perceivable beyond the limits of the wastewater treatment and disposal system.**
- 2. Infiltration facilities shall be maintained and operated so as to maximize infiltration and minimize the increase in salinity of the infiltrating wastewater.**
- 3. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.**
- 4. The discharger shall comply with "Monitoring and Reporting Program No. 94-089, and future revisions thereto, as specified by the Regional Board's Executive Officer.**
- 5. Prior to any modifications in this facility which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board and obtain revised requirements before any modifications are implemented.**
- 6. Prior to any change in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Regional Board.**
- 7. This Board Order does not authorize violation of any federal, state, or local laws or regulations.**
- 8. Facilities shall be available to keep the plant in operation in the event of commercial power failure.**
- 9. The discharger shall allow the Regional Board, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to:**
 - a. Enter upon the premises regulated by this Board Order, or the place where records must be kept under the conditions of this Board Order;**
 - b. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of this Board Order;**
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Board Order; and**
 - d. Sample or monitor at reasonable times, for the purpose of assuring compliance with this Board Order or as otherwise authorized by the California Water Code, any substances or parameters at this location.**

10. The discharger shall comply with all of the conditions of this Board Order. Any noncompliance with this Board Order constitutes a violation of the Porter-Cologne Water Quality Control Act and is grounds for enforcement action.
11. This Board Order does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.
12. The discharger shall comply with the following:
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - b. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Board Order, and records of all data used to complete the application for this Board Order, for a period of at least 5 years from the date of the sample, measurement, report or application. This period may be extended by request of the Regional Board's Executive Officer at any time.
 - c. Records of monitoring information shall include:
 1. The date, exact place, and time of sampling or measurements.
 2. The individual(s) who performed the sampling or measurements.
 3. The date(s) analyses were performed.
 4. The individual(s) who performed the analyses.
 5. The results of such analyses.
 - d. Monitoring must be conducted according to test procedures under 40 CFR Part 136, unless other test procedures have been specified in this Board Order.
13. Unless otherwise approved by the Regional Board's Executive Officer, all analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. All analyses shall be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.
14. The discharger is the responsible party for the waste discharge requirements, and the monitoring and reporting program for the facility. The discharger shall comply with all conditions of these waste discharge requirements. Violations may result in enforcement actions, including Regional Board Orders or court orders, requiring corrective action or imposing civil monetary liability, or in modification or revocation of these waste discharge requirements by the Regional Board.
15. The discharger shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances), which are installed or used by the discharger to achieve compliance with conditions of this Board Order.
16. The discharger may be required to submit technical reports as directed by the Regional Board's Executive Officer.
17. The discharger shall provide adequate notice to the Regional Board's Executive Officer of the following:

- a. Any new introduction of pollutants into any of the treatment facilities described in the Findings of this Board Order from an indirect discharger which would be subject to Section 301 or 306 of the Clean Water Act, if it were directly discharging the pollutants.
- b. Any substantial change in the volume or character of pollutants being introduced into any of the treatment facilities described in the Findings of this Board Order by an existing or new source.
- c. Any planned physical alterations or additions to the facilities described in this Board Order, or changes planned in the discharger's sludge use or disposal practice, where such alterations, additions, or changes may justify the application of Board Order conditions that are different from or absent in the existing Board Order, including notification of additional disposal sites not reported during the Board Order application process, or not reported pursuant to an approved land application plan.
- d. Adequate notice shall include information on the quality and quantity of effluent introduced, and any anticipated impact of the change on the quantity or quality of the discharger's effluent and/or sludge.
- e. The discharger shall report all instances of noncompliance with this Board Order to the Regional Board. This information shall be provided orally to the Regional Board within 24 hours from the time the on-site supervisor becomes aware of the circumstances. A written submission shall also be provided to the Regional Board with five days of the time the on-site supervisor becomes aware of the circumstances.

The written submission shall contain:

- 1) A description of the non-compliance and its cause;
- 2) The period of non-compliance, including exact dates and times, and if the non-compliance has not corrected, the anticipated time it is expected to continue; and
- 3) Steps taken or planned to reduce, eliminate and prevent recurrence of the non-compliance.

18. The discharge shall not cause degradation of any beneficial use of surface or ground water.

I, Philip A. Gruenberg, 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 15, 1994.


Executive Officer

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

MONITORING AND REPORTING PROGRAM NO. 94-089 (Revision No. 1)
FOR

SAN BERNARDINO COUNTY
REGIONAL PARKS DEPARTMENT, OWNER
PARK MOABI MARINA
WASTEWATER TREATMENT FACILITY
Southeast of Needles - San Bernardino County

Location of Discharge: S 1/2 of Section 6, T7N, R24E, SBB&M

MONITORING

1. The discharger shall submit the following information in an annual status report:
 - a. Estimate of maximum daily flow (gpd) of sewage discharged to system.
 - b. Number of mobile home and RV spaces and restrooms connected to the sewerage system.
 - c. List any proposed changes in the sewage disposal facilities during the coming year.
 - d. Explain any problems in the sewage treatment and disposal system during the preceding year.
 - e. Report the Total Dissolved Solids concentrations of the water supply wells nearest to the facility.
2. One of the oxidation basins shall be sampled quarterly during March, June, September and December, and annually during November each year. A sampling station shall be established in the oxidation basin at a point where representative samples of oxidation basin effluent can be obtained. The samples shall be analyzed for the following:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Total Dissolved Solids	mg/L ¹	Grab	Quarterly
Ammonia	mg/L	Grab	Annually
Nitrate as N	mg/L	Grab	Annually
Total Nitrogen	mg/L	Grab	Annually
Volatile Organics	μg/L ²	Grab	Annually

¹mg/L - milligrams-per-Liter

²μg/L - micrograms-per-Liter

3. The collection, preservation and holding times of all samples shall be in accordance with U. S. Environmental Protection Agency approved procedures. All analyses shall be conducted by a laboratory certified by the State Department of Health Services to perform the required analyses.

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. 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 fine and imprisonment for knowing violations."

4. Report immediately any failure in the waste disposal system to the Regional Board's Executive Officer and Director of County Environmental Health by telephone with follow-up by letter.
5. 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.
6. 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.
7. 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: Philip A. Guranberg
Executive Officer

3-19-96
Date

