

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

MONITORING AND REPORTING PROGRAM NO. CI-8456  
FOR  
THE STATE OF CALIFORNIA, DEPARTMENT OF PARKS AND RECREATION  
MALIBU PIER STATE PARK  
(FILE NO. 02-037)

I. REPORTING REQUIREMENTS

- A. The Discharger shall implement this monitoring program on the effective date of this order. The first monitoring report under this Program is due by January 15, 2003. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.

Monitoring reports shall be received by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January – March	April 15
April – June	July 15
July – September	October 15
October – December	January 15

- B. By January 30<sup>th</sup> of each year, beginning January 30, 2003, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the waste discharge requirements.
- C. Laboratory analyses – all chemical, bacteriological, and toxicity analyses 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 is obtained from ELAP.
- D. 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 QA/QC procedures.

September 10, 2002

- E. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. All QA/QC samples must be run on the same dates when samples were actually analyzed. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Board staff.

Proper chain of custody procedures must be followed and a copy of the chain of custody shall be submitted with the report.

- F. 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 USEPA guideline procedures or as specified in this Monitoring Program."
- G. 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.
- H. The Discharger shall maintain all sampling and analytical results, 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.
- I. 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.
- J. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report.

## II. WASTEWATER TREATMENT SYSTEM EFFLUENT MONITORING REQUIREMENTS

- A. The quarterly reports shall contain the following information:
  - 1. Average and maximum daily waste flow for each month of the quarter, in gallons per day.
  - 2. Estimated population served during each month of the reporting period.

3. Results of at least monthly observations in the disposal area for any over flow or surfacing of wastes.
- B. In addition, the Discharger shall annually submit an operation and maintenance report on the septic/wastewater treatment system including disposal area. The information to be contained in the report shall include, at a minimum, the following:
1. The maintenance records for the wastewater treatment system.
  2. Type of maintenance (preventive or corrective action performed);
  3. Frequency of maintenance, if preventive;
  4. The periodic pumping schedule of grease trap and septic tank; and
  5. The name of the person responsible for the operation and maintenance of the facility.
- C. An effluent sampling station shall be established at a location where representative samples of treated effluent can be obtained prior to discharge to the leachfield disposal system. The following shall constitute the effluent monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u> <sup>1</sup>
Total Flow	gal/day	recorder	continual
pH	pH units	grab	weekly <sup>1</sup> /monthly
Total Suspended Solids	mg/L	grab	weekly <sup>1</sup> /monthly
BOD <sup>5</sup> 20° C	mg/L	grab	weekly <sup>1</sup> /monthly
Oil and Grease	mg/L	grab	weekly <sup>1</sup> /monthly
Fecal coliform	MPN/100mL	grab	weekly <sup>1</sup> /monthly
Enterococcus	MPN/100mL	grab	weekly <sup>1</sup> /monthly
Ammonia-N	µg/L	grab	weekly <sup>1</sup> /monthly
Total chlorine residual	µg/L	grab	weekly <sup>1</sup> /monthly

<sup>[1]</sup> For the first 12 weeks after the wastewater treatment system start-up, all of the above constituent must be analyzed weekly. After the start-up period and the establishment of system operational performance and effluent limitations have been met, the effluent monitoring frequency shall be reduced to a monthly interval. If the effluent limitations can not be met groundwater monitoring will be required.

III. Groundwater Monitoring Program

If the wastewater treatment system effluent meets Ocean Plan discharge limitations, no groundwater monitoring will be required. If after 12 weeks of testing, the effluent does not meet Ocean Plan discharge standards, a groundwater monitoring program must be designed to detect and evaluate impacts from wastewater discharges to the leachfield, to the underlying soil and groundwater and ultimately to the Ocean. Within 60 days from the non-compliance date, the Discharger must submit to the Regional Board a groundwater monitoring workplan with a time schedule for approval. The installation of a minimum of four groundwater monitoring wells is recommended. The monitoring wells are to be drilled to a depth of at least 25 feet, and screened casing is to be placed at least 10 feet above the groundwater depth. Two wells shall be installed upgradient (Pacific Coast Highway side of the leachfields) and two wells downgradient (ocean side of the leachfields). The point of compliance for Ocean Plan limitations shall be the downgradient monitoring wells.

- A. Construction and development of the monitoring wells shall be completed within 60 days in accordance with the standards in Bulletins 74-81 and 74-90 of the California Department of Water Resources.
- B. Within 30 days after installation of the monitoring wells, a well installation report including a scaled plot plan, soil boring logs, water quality data, and as built well construction diagrams shall be submitted to the Board.

The following shall constitute the groundwater monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u> <sup>[1]</sup>
Fecal coliform	MPN/100mL	grab	monthly
Enterococcus	MPN/100mL	grab	monthly
Oil and grease	mg/L	grab	monthly
Ammonia-N	µg/L	grab	monthly
Total chlorine residual	µg/L	grab	monthly

[1] This groundwater monitoring schedule may be subject to revision after completion of the first year of baseline water quality monitoring.

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

- a. Well identification, date and time of sampling;
- b. Sampler identification, and laboratory identification;
- c. Monthly observation of groundwater levels, recorded to .01 feet mean sea level; If no groundwater is found within 25 feet of the surface, that fact must be reported.

IV. WASTE HAULING REPORTING

In the event that waste oil and grease, sludge, septage, or other wastes are hauled offsite, the name and address of the hauler shall be reported, along with types and quantities hauled during the reporting period and the location of final point of disposal. In the event that no wastes are hauled during the reporting period, a statement to that effect shall be submitted.

V. MONITORING FREQUENCIES

Monitoring frequencies may be adjusted to a less frequent basis or parameters dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

VI. CERTIFICATION STATEMENT

Each report shall contain the following 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: \_\_\_\_\_  
Dennis A. Dickerson  
Executive Officer

Date: September 26, 2002