

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

**MONITORING AND REPORTING PROGRAM NO. CI-8514
FOR
DUKE'S MALIBU
(FILE NO. 02-010)
STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

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 April 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 30th 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 Quality Assurance/Quality Control (QA/QC) procedures.

- E. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Section 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 completed chain of custody form 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 records of 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 Property must be reported in the quarterly monitoring report.

II. WASTEWATER TREATMENT SYSTEM EFFLUENT MONITORING REQUIREMENTS

- A. Quarterly reports are required which 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 submit annually 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 the grease trap and septic tanks; and
 5. The name of the person responsible for the operation and maintenance of the Property.
- C. An effluent sampling station shall be established at a location where representative samples of treated effluent from a secondary/tertiary treatment process 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> ^[1]
Total Flow	gal/day	recorder	continual
pH	pH units	grab	weekly ¹ /quarterly
Total Suspended Solids	mg/L	grab	weekly ¹ /quarterly
BOD ⁵ 20° C	mg/L	grab	weekly ¹ /quarterly
Oil and grease	mg/L	grab	weekly
¹ /quarterly Total Nitrogen ^[2]	mg/L	grab	weekly ¹ /quarterly
Total coliform	MPN/100mL	grab	weekly ¹ /quarterly
Fecal coliform	MPN/100mL	grab	weekly ¹ /quarterly
Enterococcus	MPN/100mL	grab	weekly ¹ /quarterly

^[1] For the first 8 weeks after the wastewater treatment system start-up, all of the above constituents 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 quarterly interval.

^[2]Total nitrogen includes ammonia-n, organic nitrogen, nitrite-n and nitrate-n.

III. GROUNDWATER MONITORING PROGRAM

Representative samples of groundwater shall be obtained from the four existing groundwater monitoring wells (MW-1, MW-2, MW-3 and MW-4) at the Property. A sampling station shall be established for each groundwater monitoring well and be located where representative samples can be obtained. 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> ^[1]
Total coliform	MPN/100mL	grab	quarterly
Fecal coliform	MPN/100mL	grab	quarterly
Enterococcus	MPN/100mL	grab	quarterly
Oil and grease	mg/L	grab	quarterly
Total Nitrogen ^[2]	mg/L	grab	quarterly
Total chlorine residual	µg/L	grab	quarterly

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

^[2] Total nitrogen includes ammonia-n, organic nitrogen, nitrite-n and nitrate-n.

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 and flow direction.

IV. SURFACE WATER MONITORING

The Discharger shall submit a surface water-monitoring workplan with a detailed map describing representative sampling stations within sixty (60) days of the notification of groundwater degradation due to sewage disposal, for approval by the Executive Officer.

A surface water-monitoring program shall be implemented to determine any water quality impacts from the wastewater discharge through the leachfield disposal system to the surface water.

Sampling stations shall be located in all adjacent up/down gradient surface waters. The following shall constitute the surface water-monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Total and fecal coliform	MPN/100 mL	grab	quarterly
Enterococcus	MPN/100 mL	grab	quarterly
<u>Total Nitrogen^[1]</u>	<u>mg/L</u>	<u>grab</u>	<u>quarterly</u>

^[1]Total nitrogen includes ammonia-n, organic nitrogen, nitrite-n and nitrate-n.

Surface water monitoring reports must include the following information:

- a) Sample location, including date and time sampled;
- b) A map depicting sample locations;
- c) Water temperature;
- d) Water elevation (tide);
- e) Direction of current; and
- f) Sampler identification, laboratory used and chain of custody;

V. 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.

VI. OPERATION AND MAINTENANCE REPORT

The Discharger shall file a technical report with the Regional Board not later than 30 days after receipt of these Waste Discharge Requirements, relative to the operation and maintenance program for the Property. The information to be contained in the report shall include, at a minimum, the following:

- a. The name and address of the person or company responsible for the operation and maintenance of the Property;
- b. Type of maintenance (preventive or corrective action performed);
- c. Frequency of maintenance, if preventive;
- d. Periodic pumping out of the septic tanks; and
- e. Maintenance record of leaching/disposal fields system.

This operation and maintenance record shall be kept current and filed with the annual summary due by January 30th.

VII. MONITORING FREQUENCIES

Monitoring frequencies may be adjusted to a less frequent basis or parameters adjusted

by the Executive Officer if the Discharger makes a request and the request is supported by statistical trends of monitoring data submitted.

VIII. 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: December 12, 2002