

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

MONITORING AND REPORTING PROGRAM NO. CI-8559  
FOR  
MALIBU BEACH INN, INC. ("Discharger")  
(Malibu Beach Inn - "MBI")  
(File No. 02-130)

I. REPORTING REQUIREMENTS

- A. The Discharger shall implement this monitoring program for the MBI on the effective date of this order (WDR Order No. R4-2003-0047). The first monitoring report under this Program is due by July 15, 2003. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.

Monitoring reports shall be received by the Regional Board 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 March 30<sup>th</sup> of each year, beginning March 30, 2004, 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.

February 13, 2003  
Revised February 27, 2003

- E. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. All Quality Assurance/Quality Control (QA/QC) samples must be run on the same dates when samples were actually analyzed. At least once a year, the Discharger shall maintain and update a list of the analytical methods employed for each test and the associated laboratory QA/QC procedures. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Board staff.

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." 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. 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.
- G. 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.
- H. 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.
- I. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report. In addition, if effluent or groundwater monitoring programs have not yet been implemented, a short description of the status of both shall also be included.

## II. WATER QUALITY MONITORING REQUIREMENTS

### A. Influent Monitoring

The Discharger shall establish a system to measure the monthly average and maximum daily waste flow to or from the treatment systems. The Discharger shall provide influent monitoring

information with quarterly reports.

**B. Effluent Monitoring**

An effluent monitoring program shall be designed to evaluate the effectiveness of the treatment system module(s) (including secondary treatment and disinfection). An effluent sampling station(s) shall be established at a location(s) 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>
Total Flow	gal/day	--	monthly
pH	pH units	grab	weekly <sup>1</sup> /quarterly
Total Suspended Solids	mg/L	grab	weekly <sup>1</sup> /quarterly
BOD <sup>5</sup> 20° C	mg/L	grab	weekly <sup>1</sup> /quarterly
Oil and Grease	mg/L	grab	weekly <sup>1</sup> /quarterly
Ammonia-N	mg/L	grab	weekly <sup>1</sup> /quarterly
Nitrate-N	mg/L	grab	weekly <sup>1</sup> /quarterly
Nitrite-N	mg/L	grab	weekly <sup>1</sup> /quarterly
Organic-N	mg/L	grab	weekly <sup>1</sup> /quarterly
Residual Chlorine**	mg/L	grab	weekly <sup>1</sup> /quarterly
Fecal coliform	MPN/100mL	grab	weekly <sup>2</sup> /quarterly
Enterococcus	MPN/100mL	grab	weekly <sup>2</sup> /quarterly
Phosphorous	mg/L	grab	semi-annually
Volatile organics***	ug/L	grab	semi-annually

(Refer to attached priority pollutants list - Attachment A)

<sup>[1]</sup> For the first 4 weeks after the effective date of this monitoring program, the constituents must be analyzed weekly. After the initial monitoring period and the establishment of system operational performance and baseline, the effluent monitoring frequency shall be reduced to a quarterly interval.

<sup>2</sup> For the first 8 weeks of the disinfection system start-up and testing period, wastewater must be analyzed for the constituent pathogen on a weekly basis. After the start-up period and the establishment of system operational performance and baseline, the effluent monitoring frequency shall be reduced to a quarterly interval.

\*\* If chlorination is used for disinfection. Statement must be included in monitoring reports attesting that chlorine is not used if sampling is not done.

\*\*\* Semi-annual samples in 2<sup>nd</sup> and 3<sup>rd</sup> quarters.

**III. GROUNDWATER MONITORING PROGRAM**

A groundwater monitoring program shall be designed to evaluate impacts of wastewater discharged through the leachfields to groundwater. A groundwater monitoring workplan must be submitted to the Regional Board for review in accordance with Time Schedule Order No.

R4-2003-0048 and is subject to approval by the Executive Officer prior to implementation. The workplan shall include, at a minimum, an evaluation of the adequacy of the proposed groundwater monitoring wells to achieve objectives of monitoring, recommendations for additional groundwater monitoring wells, if warranted, and the construction and development of groundwater monitoring wells. The Discharger may propose the use of existing groundwater monitoring wells near this property for the monitoring program.

Upon obtaining Executive Officer approval of an adequate groundwater monitoring plan, construction and development of the proposed wells shall be completed within 90 days and shall be completed in accordance with the standards in Bulletins 74-81 and 74-90 of California Department of Water Resources. Within 30 days after installation of monitoring wells, the groundwater monitoring program shall be initiated and a well installation report including a scaled plot plan, soil boring logs, water quality data, well permits and as-built well construction diagrams shall be submitted to the Executive Officer.

The report must be prepared under the direction of a California Registered Geologist, or Certified Engineering Geologist, or a California Registered Civil Engineer with appropriate experience in hydrogeology.

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>
Total coliform	MPN/100mL	grab	quarterly
Fecal coliform	MPN/100mL	grab	quarterly
Enterococcus	MPN/100mL	grab	quarterly
Ammonia-N	mg/L	grab	quarterly
Nitrate-N	mg/L	grab	quarterly
Nitrite-N	mg/L	grab	quarterly
Organic-N	mg/L	grab	quarterly
Chlorine*	mg/L	grab	quarterly

\* If chlorination is used for disinfection. Statement must be included in monitoring reports attesting that chlorine is not used if sampling is not done.

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. Quarterly observation of groundwater levels, recorded to .01 feet mean sea level, flow direction; and
- d. Vertical separation of the water table from the bottom of the leachfields.

#### IV. TIME SCHEDULE ORDER PROGRESS REPORTING

The Discharger shall include quarterly and annual progress reports for the project activities outlined in Time Schedule Order No. R4-2003-0048 in conjunction with the self-monitoring reports required under this monitoring program.

#### 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 submit a technical report to the Executive Officer covering the operation and maintenance program for the MBI site. The information to be contained in the report shall include the following:

- a. The name and address of the person or company responsible for the operation and maintenance of the facility;
- 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 operations and maintenance record shall be kept current and filed with the annual report due by March 30 of each year.

VII. 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)"

VIII. 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 Executive Officer determines that the request is adequately supported by statistical trends of monitoring data submitted.

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: March 13, 2003

/GS