

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

**MONITORING AND REPORTING PROGRAM NO. CI-8513
FOR
EQUILON ENTERPRISES, LLC
(Malibu Shell)
(File No. 01-143)**

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, 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. 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.

November 12, 2002
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- 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 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 site must be reported in the quarterly monitoring report.

II. SEPTIC DISPOSAL 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 septic tanks; and
 5. The name of the person responsible for the operation and maintenance of the Station.
- 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 effluent monitoring program shall be initiated once the septic system has been modified with the inclusion of supplemental treatment (e.g., disinfection). The following shall constitute the effluent monitoring program:

<u>Constituent</u>	<u>Units*</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis¹</u>
Total Flow	gal/day	--	monthly
BOD ₅	mg/L	grab	quarterly
Total suspended solids	mg/L	grab	quarterly
Fecal coliform	MPN/100 mL	grab	quarterly
Enterococcus	MPN/100 mL	grab	quarterly
<u>Residual Chlorine²</u>	<u>mg/L</u>	<u>grab</u>	<u>quarterly</u>

*MPN/100 mL: Most Probable Number per 100 milliliter, mg/L: milligrams per liter

[1] If any constituent exceeds the effluent limitation prescribed in this Order, then the frequency of analyses shall increase to monthly until at least three test results have been obtained which do not exceed the effluent limits, after which the frequency of analyses shall revert to quarterly.

[2] Applied only if chlorination is used for disinfection.

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 by January 15, 2003 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. Subject to Executive Officer approval, the Discharger may use existing groundwater monitoring wells on adjacent property for the monitoring program.

Upon obtaining the Executive Officer's approval of an adequate groundwater monitoring plan, construction and development of the proposed 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. Within 30 days after installation of monitoring wells, 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 Regional Board.

In addition, the Discharger must complete a study to determine the hydraulic connection between groundwater under the septic disposal system and the Ocean.

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 Analysis¹</u>
Fecal coliform	MPN/100 mL*	grab	quarterly
Total coliform	MPN/100 mL*	grab	quarterly
Enterococcus	MPN/100 mL*	grab	quarterly
Total dissolved solids	mg/L**	grab	quarterly
Ammonia as nitrogen	mg/L**	grab	quarterly
Nitrate as nitrogen	mg/L**	grab	quarterly
Nitrite as nitrogen	mg/L**	grab	quarterly
Organic Nitrogen	mg/L**	grab	quarterly
Sulfate	mg/L**	grab	quarterly
Chloride	mg/L**	grab	quarterly

Boron mg/L** grab quarterly

*MPN/100 mL: Most Probable Number per 100 milliliter

**mg/L: milligrams per liter

^[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. 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 leach fields.

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 adjusted by the Executive Officer if the Discharger makes a request and the request is supported 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.

Equilon Enterprises, LLC
Malibu Shell
Monitoring and Reporting Program No. CI-8513

File No. 01-143

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