

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

MONITORING AND REPORTING PROGRAM NO. CI 6118
FOR
SERRA CANYON COMPANY LIMITED
(Malibu Beach Recreational Vehicle Park)

The Serra Canyon Company Limited (hereinafter Discharger) shall implement this monitoring program for Malibu Beach Recreational Vehicle Park no later than March 31, 2001. Monitoring reports shall be submitted 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

The first monitoring report under this program shall be submitted by April 15, 2001.

By January 30th of each year, beginning January 30, 2002, the Discharger shall submit an annual report to the Board. The report shall contain 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.

I. Water Quality Monitoring

A. Influent Monitoring

The Discharger shall measure the monthly average and maximum daily waste flow from the collection system to the treatment system.

B. Effluent Monitoring

Unless specified otherwise, a sampling station shall be established at a location where representative samples of treated effluent can be obtained prior to discharge to the seepage pit disposal system. This monitoring and reporting program shall also apply to the upgraded treatment 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	recorder	continual
pH	pH units	grab	weekly ¹
Suspended solids	mg/L	grab	weekly

¹ For all items required to be tested weekly, the discharger shall test weekly for the first 12 weeks. This 12 week period will be considered the "startup period." Subsequent to the startup period, the discharger may propose, to the Executive Officer for approval, a reduction in sampling frequency from weekly to monthly for each of the parameters. Any reduction in monitoring frequency must be supported by proper operation of the wastewater treatment system during the startup period.

Serra Canyon Company Limited
 Malibu Beach Recreational Vehicle Park
 Monitoring and Reporting Program No. CI 6118

Effluent Monitoring (continued)

BOD ₅ 20 ⁰ C	mg/L	grab	weekly
Turbidity	NTU	grab	continual
Total and fecal coliform	MPN/100mL	grab	weekly
Enterococcus	MPN/100mL	grab	weekly
Oil and grease	mg/L	grab	weekly
Total dissolved solids	mg/L	grab	monthly
Chloride	mg/L	grab	monthly
Chlorine**	mg/L	grab	monthly
Boron	mg/L	grab	monthly
Sulfate	mg/L	grab	monthly
Nitrate-N	mg/L	grab	monthly
Nitrite-N	mg/L	grab	monthly
Ammonia-N	mg/L	grab	monthly
Organic nitrogen	mg/L	grab	monthly
Phosphorus	mg/L	grab	monthly
MBAS	mg/L	grab	monthly
Volatile and Semi volatile organics	* ug/L	grab	monthly
Priority pollutant scan*	ug/L	grab	annual

*See attachment A for priority pollutants

** If chlorination is used for disinfection

C. Groundwater Monitoring

A groundwater monitoring program shall be designed to evaluate impacts of wastewater discharged through the seepage pit disposal system on groundwater quality. In addition, the Discharger must complete a study to determine the hydraulic connection between groundwater under the disposal system and surface water. A groundwater monitoring workplan must be submitted to this Regional Board for review by March 30, 2001 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 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.

Serra Canyon Company Limited
 Malibu Beach Recreational Vehicle Park
 Monitoring and Reporting Program No. CI 6118

The following shall constitute the groundwater monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Minimum Frequency of Analysis</u>
pH	pH units	quarterly
Total and fecal coliform	MPN/100mL	quarterly
Enterococcus	MPN/100mL	quarterly
BOD ₅ 20 ⁰ C	mg/L	quarterly
Ammonia-N	mg/L	quarterly
Nitrate-N	mg/L	quarterly
Nitrite-N	mg/L	quarterly
Organic nitrogen	mg/L	quarterly
Phosphorus	mg/L	quarterly
MBAS	mg/L	quarterly
TDS (Total dissolved solids)	mg/L	quarterly
Boron	mg/L	quarterly
Chloride	mg/L	quarterly
Chlorine**	mg/L g/L	quarterly
Sulfate	mg/L	quarterly
Priority pollutant scan*	ug/L	annual

*See attachment A for priority pollutants

** If chlorination is used for disinfection

The groundwater monitoring reports must include the following information:

- a. Well identification, date and time sampled;
- b. Sampler identification, laboratory identification and chain of custody;
- c. Water temperature (in field);
- d. Quarterly observations of groundwater levels, recorded to 0.01 feet mean sea level; and
- e. Vertical separation of the water table from the bottom of the seepage pits..

D. Surface Water Monitoring

A surface water-monitoring program shall be implemented to detect and evaluate impacts from wastewater discharges through the seepage pit disposal system.. A surface water monitoring program shall be established so that in the event a discharge of raw or treated sewage is discharged to surface water, or if there is a hydraulic connection with the Pacific Ocean surface water shall be

Serra Canyon Company Limited
Malibu Beach Recreational Vehicle Park
Monitoring and Reporting Program No. CI 6118

measured, sampled, and analyzed, to determine any water quality impacts. A workplan describing representative sampling stations shall be proposed by the discharger by March 30, 2001.

The following shall constitute the surface water-monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Minimum Frequency of Analysis</u>
Total and fecal coliform	MPN/100mL	Monthly
Enterococcus	MPN/100mL	Monthly
Total Nitrogen	mg/L	Monthly

Surface water monitoring reports must include the following information:

- a. Sample location, including dates and time sampled;
- b. Sampler identification, laboratory used and chain of custody;
- c. Water temperature;
- d. Water elevation (tide); and
- e. Direction of current.

Based upon results of the first six months of monthly analyses, the Discharger may propose to the Executive Officer a reduced sampling and testing program.

II. General Provisions for Sampling and Analysis

All chemical, bacteriological, and toxicity analysis shall be conducted at a laboratory certified for such analysis by the State Department of Health Services Environmental Laboratory Accreditation Program, or approved by the Executive Officer. Laboratory analysis must follow methods approved by the United States Environmental Protection Agency (USEPA), and the laboratory must meet USEPA Quality Assurance/Quality Control criteria. Analytical data reported as "less than" or below the detection limit for the purpose of reporting compliance with limitations, shall be reported as "less than" a numerical value or "below the detection limit" for that particular analytical method (also giving the numerical detection limit).

III. General Provisions for Reporting

The Discharger shall identify all instances of non-compliance and shall submit a statement of the actions undertaken, or proposed, that will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction. The quarterly reports shall contain the following information:

Serra Canyon Company Limited
Malibu Beach Recreational Vehicle Park
Monitoring and Reporting Program No. CI 6118

- a. A statement relative to compliance with discharge specifications during the reporting period; and
- b. Results of daily observations in the disposal area for any overflow or surfacing of wastes, other visible effects of the waste discharge..

IV. Waste Hauling Reporting

In the event that waste 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. Operation and Maintenance Report

The Discharger shall file a technical report with this Board, not later than 30 days after receipt of these Waste Discharge Requirements, relative to the operation and maintenance program for this facility. 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 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 seepage pit disposal system.

VI. Certification Statement

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, were 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.

Serra Canyon Company Limited
Malibu Beach Recreational Vehicle Park
Monitoring and Reporting Program No. CI 6118

Executed on the ___ day of _____, 20__,

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

January 11, 2001