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

MONITORING AND REPORTING PROGRAM NO. CI 8226
FOR
MALIBU CREEK PRESERVATION COMPANY
(Malibu Creek Plaza)
(File No. 00-066)

Malibu Creek Preservation Company (hereinafter Discharger) shall implement this monitoring program for the Malibu Creek Plaza on the effective date of this Order. Monitoring reports shall be submitted by the dates in the following schedule:

Reporting Period	Report due
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 septic systems[1]. The Discharger shall provide names of any new dischargers that discharge into the septic system together with the flow and characteristics of the waste stream.

B. Effluent Monitoring

Unless specified otherwise, a sampling station shall be established at a location where representative samples of septic tank effluent can be obtained prior to discharge to the disposal system. This monitoring and reporting program shall also apply to the upgraded treatment system. The Discharger shall monitor effluent monthly until the upgraded treatment system is

[1] The term septic system is used in this document to reflect that currently, the wastewater receives only primary treatment through a series of grease interceptors and septic tanks, prior to disposal into leachfields. The Discharger shall install a treatment system that will produce a disinfected and secondary treated effluent.

installed. Once installed monitoring shall be conducted as described in the following table. The following shall constitute the effluent monitoring program:

Constituent	Units	Type of Sample	Minimum Frequency of Analysis [2]
Total flow	gal/day	recorder	continual
pH	pH units	grab	weekly
Suspended solids	mg/L	grab	weekly
BOD_5 20^0C	mg/L	grab	weekly
Turbidity	NTU	grab	weekly
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 leachfields to groundwater quality. In addition, the Discharger must

2. For all items required to be tested weekly, the discharger shall test weekly for the first 12 weeks after installation of the upgrade treatment system. 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.

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.

The following shall constitute the groundwater monitoring program:

Constituent	Units	Minimum Frequency of Analysis
PH	pH units	quarterly
Total and fecal coliform	MPN/100mL	quarterly
Enterococcus	MPN/100mL	quarterly
BOD_5 20^0C	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	quarterly
Sulfate	mg/L	quarterly
Volatile and semi volatile organics*	ug/L	quarterly
Priority pollutant scan*	ug/L	annual

* See Attachment A for "Priority Pollutants".
** If chlorination is used for disinfection

Basic information that must be included with all groundwater monitoring and reporting includes the following:

a. Well identification, date and time of sampling;
b. Sampler identification, laboratory identification; and chain of custody;

c. Water temperature (in field);
d. Quarterly observations of groundwater levels, recorded to .01 feet mean sea level; and
e. Vertical separation of the water table from the bottom of the leachfields.

D. Surface Water Monitoring

A surface water monitoring program must be implemented in Malibu Creek to detect and evaluate impacts from wastewater discharges through the disposal system to Malibu Creek and Malibu Lagoon. The following shall constitute the surface water monitoring program:

Constituent	Units	Minimum Frequency of Analysis
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 the 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:

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, and/or 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 and annually thereafter, 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 records of the waste water treatment system and leachfield 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.

Malibu Creek Preservation Company
(Malibu Creek Plaza)
Monitoring and Reporting Program No. CI 8226

File No. 00-066

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

Date: January 11, 2001

ATTACHMENT A, PRIORITY POLLUTANTS

Metals

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
Selenium
Silver
Thallium
Zinc

Miscellaneous

Cyanide
Asbestos (only if specifically required)

Pesticides & PCBs

Aldrin
Chlordane
Dieldrin
4,4'-DDT
4,4'-DDE
4,4'-DDD
Alpha-endosulfan
Beta-endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Alpha-BHC
Beta-BHC
Gamma-BHC
Delta-BHC
Toxaphene

Base/Neutral Extractibles

Acenaphthene
Benzidine
1,2,4-Trichlorobenzene
Hexachlorobenzene
Hexachloroethane
Bis(2-chloroethyl) ether
2-Chloronaphthalene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
3,3'-Dichlorobenzidine
2,4-Dinitrotoluene
2,6-Dinitrotoluene
1,2-Diphenylhydrazine
Fluoranthene
4-Chlorophenyl phenyl ether
4-Bromophenyl phenyl ether
Bis(2-chloroisopropyl) ether
Bis(2-chloroethoxy) methane
Hexachlorobutadiene
Hexachlorocyclopentadiene
Isophorone
Naphthalene
Nitrobenzene
N-nitrosodimethylamine
N-nitrosodi-n-propylamine
N-nitrosodiphenylamine
Bis (2-ethylhexyl) phthalate
Butyl benzyl phthalate
Di-n-butyl phthalate
Di-n-octyl phthalate
Diethyl phthalate
Dimethyl phthalate
Benzo(a) anthracene
Benzo(a) pyrene
Benzo(b) fluoranthene
Benzo(k) fluoranthene
Chrysene
Acenaphthylene
Anthracene
1,12-Benzoperylene

Acid Extractibles

2,4,6-Trichlorophenol
P-Chloro-m-cresol
2-Chlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2-Nitrophenol
4-Nitrophenol
2,4-Dinitrophenol
4,6-Dinitro-o-cresol
Pentachlorophenol
Phenol

Volatile Organics

Acrolein
Acrylonitrile
Benzene
Carbon tetrachloride
Chlorobenzene
1,2-Dichloroethane
1,1,1-Trichloroethane
1,1-Dichloroethane
1,1,2-Trichloroethane
1,1,2,2-Tetrachloroethane
Chloroethane
Chloroform
1,1-Dichloroethylene
1,2-Trans-dichloroethylene
1,2-Dichloropropane
1,2-Dichloropropylene
Ethylbenzene
Methylene chloride
Methyl chloride
Methyl bromide
Bromoform
Bromodichloromethane
Dibromochloromethane
Tetrachloroethylene
Toluene
Trichloroethylene
Vinyl chloride

PCB 1016
PCB 1221
PCB 1232
PCB 1242
PCB 1248
PCB 1254
PCB 1260

Fluorene
Phenanthrene
1,2,5,6-Dibenzanthracene
Indeno (1,2,3-cd) pyrene
Pyrene
TCDD

2-Chloroethyl vinyl ether