

**State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles
FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
MALIBU CREEK PRESERVATION COMPANY, LLC
(Malibu Creek Plaza Septic Tank Systems Replacement Project)
NPDES NO. CAG994004
CI-9231**

FACILITY LOCATION

23359 Pacific Coast Highway
Malibu, CA 90265

FACILITY MAILING ADDRESS

1101 Montana Avenue, Suite A
Santa Monica, CA 90403

PROJECT DESCRIPTION

Malibu Creek Preservation Company, LLC (MCPC) proposes to replace its septic tank systems at the Malibu Creek Plaza, located at 23359 Pacific Coast Highway in the city of Malibu, California. Dewatering is anticipated during the construction project. Up to 612,000 gallons per day (gpd) of treated groundwater will be discharged during approximately 60 days of construction. Groundwater will be stored in a settling tank to settle sediments. The groundwater then will be passed through process filters and the mixture of zeolite and ion exchange resin filtration system to remove heavy metals and then through activated carbon vessels for polishing. The background water quality data indicated sulfate concentration above the receiving water quality objective. Therefore, additional treatment train is required to comply with sulfate limit in this permit. The treated groundwater will be tested prior to discharging to the creek.

VOLUME AND DESCRIPTION OF DISCHARGE

It is estimated that up to 612,000 gpd of treated groundwater will be discharged to Malibu Creek at Latitude 34°33'58", Longitude 118°58'54", thence to the Malibu Lagoon Coastal Stream which flows to the Pacific Ocean, a water of the United States. The site location map and the schematic of waste flow diagram are shown as Figures 1 and 2, respectively.

February 26, 2007

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents in the Table below have been determined to show reasonable potential to exist in the discharge. The treated groundwater discharged from the project site flows into Malibu Lagoon Coastal Stream, thence to the Pacific Ocean. Therefore, discharge limitations under “Other Water” column in Part E.1.a. and 1.c. of the Order applies. The limitations specified in Attachment B. 5.a. of Order No. R4-2003-0111 are applicable to the discharge.

This Table lists the specific constituents and effluent limitations applicable to the discharge.

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD ₅ 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Total Dissolved Solids	mg/L	2000	---
Sulfate	mg/L	500	---
Chloride	mg/L	500	---
Boron	mg/L	2.0	---
Nitrogen	mg/L	10	---
Settleable Solids	MI/L	0.3	0.1
Sulfides	mg/L	1.0	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---
Total Petroleum Hydrocarbons	µg/L	100	---
Cadmium	µg/L	5.0	---
Copper	µg/L	5.8	2.9
Lead	µg/L	14	7.0
Mercury	µg/L	0.1	0.05
Nickel	µg/L	14	6.7
Zinc	µg/L	350	170

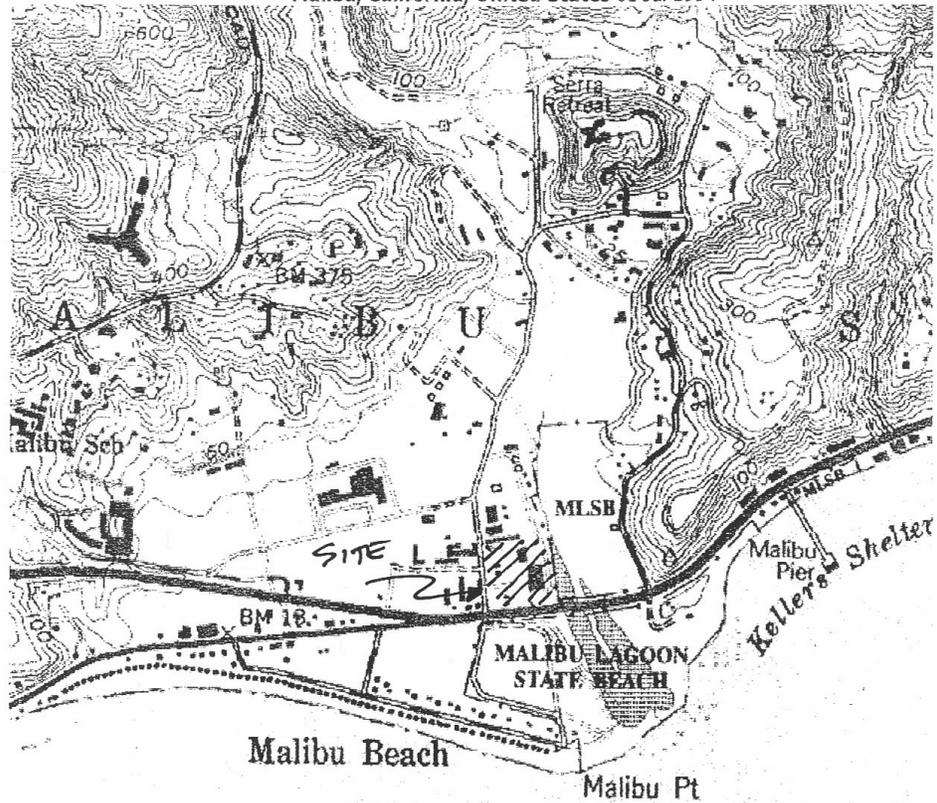
FREQUENCY OF DISCHARGE

The discharge of groundwater will be continuous during construction project, approximately 60 days.

REUSE OF WATER

It is not economically feasible to dispose all of the groundwater off-site. It is not feasible to discharge the water to the sanitary sewer system. Small portion of the treated groundwater may be used for dust control at the project site. There are no other feasible reuse options for the discharge. Therefore, most of the treated groundwater will be discharged to the Malibu Lagoon in compliance with the requirements of the attached Order.

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USGS Malibu, California, United States 01 Jul 1994



M O N I C A

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FIGURE 1

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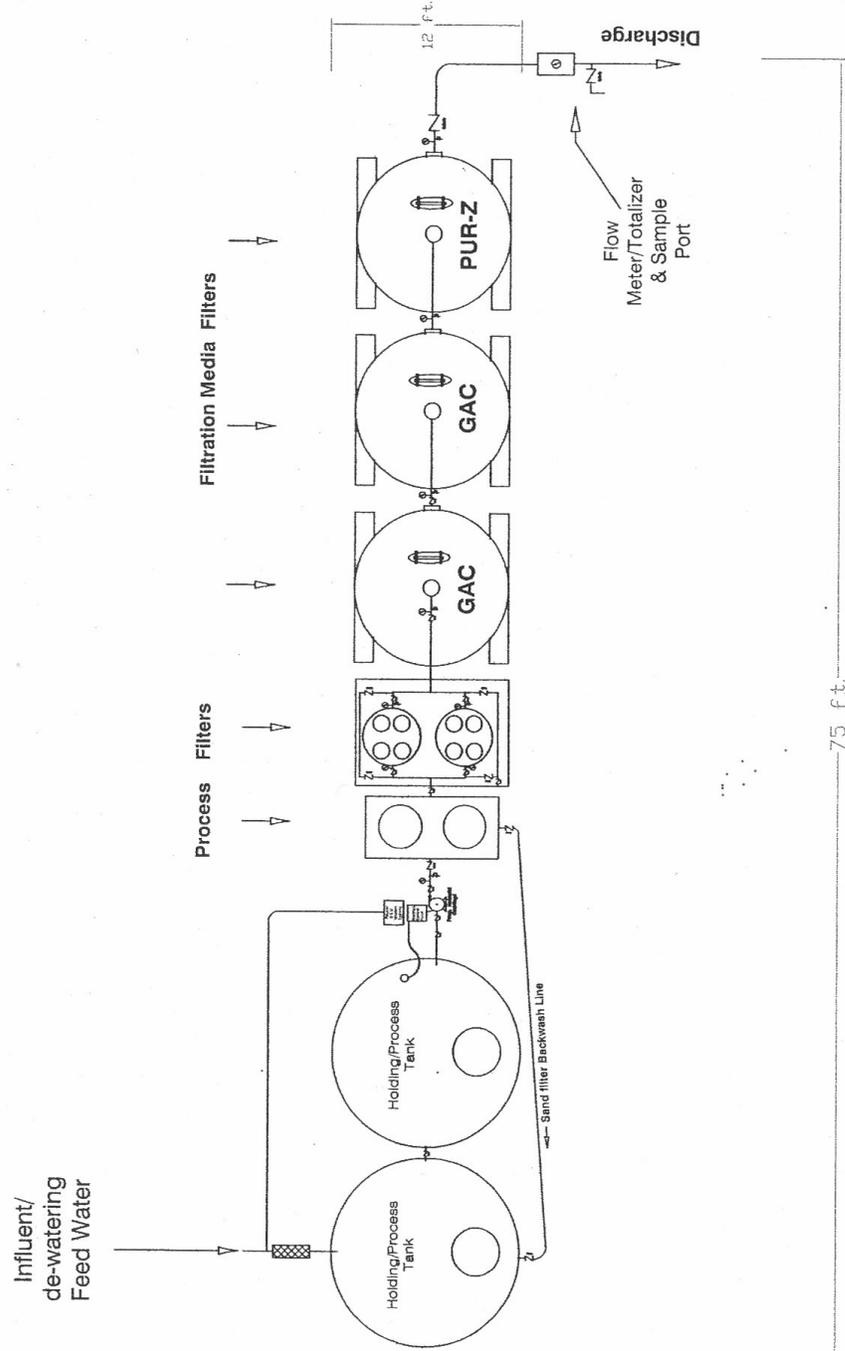


FIGURE 2