

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
CITY OF MALIBU
(Big Rock Mesa Landslide Drainage Facility)
NPDES NO. CAG994004
CI-6896

FACILITY LOCATION

Big Rock Mesa Area
Malibu, CA 90265

FACILITY MAILING ADDRESS

23815 Stuart Ranch Road
Malibu, CA 90265

PROJECT DESCRIPTION

The City of Malibu (The City) is operating dewatering wells at the Big Rock Mesa landslide drainage area to lower groundwater levels and to maintain soil stability. There are 21 dewatering wells and 37 hydraugers operating in the area. Dewatering from the subject facility is regulated under general NPDES Permit No. CAG994001 (Order No. 97-045) which was issued on June 30, 1997. The City submitted a Notice of Intent (NOI) form, and analytical results of groundwater samples to continue enrollment under the General NPDES Permit. The extracted groundwater is discharged into 10 storm drain outfalls.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 70,000 gallons per day of groundwater is discharged to various storm drain outfalls listed below:

<u>Outfall</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Receiving Waterbody</u>
#1a	34° 02' 11.7"	118° 36' 34.6"	Pacific Ocean
#1	34° 02' 11.5"	118° 36' 37.8"	Pacific Ocean
#2	34° 02' 12.2"	118° 36' 43.3"	Pacific Ocean
#3	34° 02' 12.6"	118° 36' 50.2"	Pacific Ocean
#4	34° 02' 13.8"	118° 36' 58.2"	Pacific Ocean
#5	34° 02' 14.4"	118° 37' 06.3"	Pacific Ocean
#5a	34° 02' 14.7"	118° 37' 08.6"	Pacific Ocean
#6	34° 02' 16.2"	118° 37' 17.8"	Pacific Ocean
#7	34° 02' 16.1"	118° 37' 22.0"	Pacific Ocean
#9	34° 02' 15.9"	118° 37' 25.0"	Pacific Ocean

Discharge to the storm drains flow to the coastal streams of the Pacific Ocean, a water of the United States. The site location is shown as Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed in the Table below have been determined to show reasonable potential to exist in the discharge. The discharge of groundwater flows into the Pacific Ocean, therefore, discharge limitations in Attachment B of Order No. R4-2003-0111 are not 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
Settleable Solids	ml/L	0.3	0.1
Oil and Grease	mg/L	15	10
Sulfides	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)			

FREQUENCY OF DISCHARGE

The continuous discharge is permanent to maintain the stability of the landslide area.

REUSE OF WATER

It is not economically feasible to haul the groundwater for off-site disposal. There are no feasible reuse options because of the large volume of water that will be discharged permanently. Therefore, the groundwater will be discharged to the stormdrain.