

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-6869

FACILITATION 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) operates dewatering wells at the Big Rock Mesa landslide drainage area to lower groundwater levels and to maintain soil stability. There are 22 dewatering wells and 37 hydraugers in the area. The extracted groundwater is discharged into 10 storm drain discharge points under the General NPDES Permit CAG994004, Order No. R4-2003-0111. On August 14, 2008, the City submitted a complete Notice of Intent Form to continue enrollment under the general NPDES permit. Order No. R4-2008-0032 supersedes Order No. R4-2003-0111 and continues the enrollment under the General NPDES permit.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 200,000 gallons per day of groundwater is discharged to local storm drains at the following discharge points:

<u>Discharge Point</u>	<u>Latitude</u>	<u>Longitude</u>
M-001 (Outfall #1a)	34°02'12"	118°36'35"
M-002 (Outfall #1)	34°02'11"	118°36'38"
M-003 (Outfall #2)	34°02'12"	118°36'43"
M-004 (Outfall #3)	34°02'13"	118°36'50"
M-005 (Outfall #4)	34°02'14"	118°36'58"
M-006 (Outfall #5)	34°02'14"	118°37'06"
M-007 (Outfall #5a)	34°02'15"	118°37'09"
M-008 (Outfall #6)	34°02'16"	118°37'18"
M-009 (Outfall #7)	34°02'16"	118°37'22"
M-010 (Outfall #9)	34°02'16"	118°37'25"

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

October 3, 2008

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 groundwater discharged from the area flows into miscellaneous coastal streams. Therefore, the discharge limitations specified in Attachment B 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
Oil and Grease	mg/L	15	10
Settleable Solids	ml/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	---

FREQUENCY OF DISCHARGE

The continuous discharge of groundwater is permanent and necessary to maintain the stability of the landslide prone area.

REUSE OF WATER

It is not economically feasible to haul the groundwater for off-site disposal. It is not feasible to discharge the water to the sanitary sewer system. There are no other feasible reuse options for the discharge. Therefore, the groundwater is discharged to the storm drains in compliance with the requirements of the attached order.

City of Malibu
 Project No. 3399.006



BASE MAP SOURCE: USGS 1:100,000-scale Metric Topographic Map of Los Angeles, California (1979).



SITE LOCATION MAP
 Big Rock Mesa Landslide Assessment District
 Malibu, California

M:\arating\jch\files\2005\3399\006\3399_006\site.dsf(1-4)

M:\WP\2007\3399_006\ANNUAL FOLDER 2007\PLATES\PLATE 1 HEADER.DOC

PLATE 1