

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
LOS ANGELES COUNTY DEPARTMENT OF BEACHES & HARBORS
(MARINA BEACH WATER QUALITY IMPROVEMENT PROJECT)
NPDES NO. CAG994004
CI-9034

FACILITY ADDRESS

Admiralty Way and Palawan Way
Marina Del Rey, CA

FACILITY MAILING ADDRESS

13837 Fiji Way
Marina Del Rey, CA 90292

PROJECT DESCRIPTION:

Los Angeles County Department of Beaches & Harbors (Discharger) plans to construct a storm drain system along Marina Beach by Basin D of Marina del Rey. (See Figure 1). The Discharger proposes to discharge the groundwater generated from construction dewatering activities to Marina del Rey Harbor.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 200,000 gallons per day of groundwater will be discharged from the project site to Outfall No. 1 (Latitude: 33° 58' 43", Longitude: 118° 27' 12"). An optional Outfall No. 2 (Latitude: 33° 58' 43", Longitude: 118° 27' 22") will be used as the project dictates. The groundwater treatment system is primarily composed of a filter unit to remove solids, and an ion exchange and pH adjustment/control unit to remove inorganic pollutants of concern (see Figure 2). The discharge flows into the Marina del Rey Harbor, a water of the United States.

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 groundwater discharge flows into the Marina del Rey Harbor which is designated as MAR beneficial use. Therefore, the discharge limitations for saltwater waterbodies apply to the discharge.

This Table lists the specific constituents and effluent limitations applicable to your 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	N/A
Phenols	mg/L	1.0	N/A
Residual Chlorine	mg/L	0.1	N/A
Methylene Blue Active Substances (MBAS)	mg/L	0.5	N/A
Chromium III	µg/L	50	
Copper	µg/L	5.8	2.9
Cyanide	µg/L	1.0	0.50*

*: If the reported detection level is greater than the effluent limit for this constituent, then a non-detect using ML detection is deemed to be in compliance.

FREQUENCY OF DISCHARGE:

The groundwater discharge is intermittent and will last approximately six months.

REUSE OF WATER:

A portion of the groundwater will be used for dust control. Offsite disposal of the groundwater discharge is not feasible due to high cost of disposal. The property and the immediate vicinity have no landscaped areas that require irrigation using the groundwater discharge. Since there are no other feasible reuse options, most of the groundwater generated from the construction will be discharged to Marina del Rey Harbor in accordance with the attached Order.