

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
THUMS LONG BEACH COMPANY
(Power Plant Project)
NPDES NO. CAG994004
CI-8404

FACILITY LOCATION

Pier D Street, Port of Long Beach
 Long Beach, CA 90815

FACILITY MAILING ADDRESS

111 W. Ocean Boulevard, #800
 Long Beach, CA 90802

PROJECT DESCRIPTION

The Thums Long Beach Company (Thums) is constructing a natural gas power plant at Pier D Street, Long Beach, California. General NPDES Permit No. CAG994001, Order No. 97-045, was issued to the subject facility on May 24, 2002 for dewatering activity from the subject site. On October 17, 2002, Thums submitted a Notice of Intent (NOI) form to continue enrollment under General Permit No. CAG994004, Order No. R4-2003-0111, adopted by this Board on August 7, 2003.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 90,000 gallons per day of groundwater is discharged to the storm drain located at Latitude 33°46'28", Longitude 118°13'23", thence to Long Beach Harbor, a water of the United States. The site location map 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 dewatering discharge flows into Long Beach Harbor, therefore, the discharge limitations in Attachment B are not applicable 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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
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	

REQUENCY OF DISCHARGE

The discharge is expected to be continuous for the duration of the project.

REUSE OF WATER

Due to lack of landscaped area at the site, there are no other feasible reuse options for the discharge. Therefore, the wastewater will be discharged to the storm drain.