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
THE PORT OF LONG BEACH
(Pier G/J Terminal Development Project)
NPDES NO. CAG994004
CI-8318

FACILITY LOCATION	**FACILITY MAILING ADDRESS**
Pier G/J Terminal	The Port of Long Beach
Long Beach Harbor, CA	Long Beach, CA 90802

PROJECT DESCRIPTION

The Port of Long Beach (The Port) is in the process of redeveloping Pier G/J area. General NPDES Permit No. CAG994001, Order No. 97-045, was issued to the Port on September 7, 2001 for possible dewatering activity at the construction site. On October 17, 2003, The Port 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. The Port proposes to store the groundwater in Baker Tanks for settling of sediments, then the groundwater will be treated either by passing through ion exchange resin or by chemical precipitation process to remove metals. Additional sand and/or carbon filtration units will remove excess suspended solids. The treated groundwater then will be passed through canisters containing granular activated carbon (GAC) to remove organic compounds.

VOLUME AND DESCRIPTION OF DISCHARGE

The Port will discharge up to 50,000 gallons per day of groundwater. to the storm drain located at Latitude 33°4445", Longitude 118°11'40", thence to Long Beach Harbor, 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.

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
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	---
1,1-Dichloroethane	µg/L	5.0	---
1,2-trans-Dichloroethylene	µg/L	10	---
Trichloroethylene	µg/L	5.0	---
Tetrachloroethylene	µg/L	5.0	---
1,4-Dioxane	µg/L	3.0	---
Copper	µg/L	5.8	2.9
Lead	µg/L	14	7
Nickel	µg/L	14	6.7

REQUENCY OF DISCHARGE

The discharge will be intermittent but is expected to last for the duration of this permit.

REUSE OF WATER

Due to the high salinity of the groundwater, there are no feasible reuse options for the discharge. Therefore, the wastewater will be discharged to the storm drain.