

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
PORT OF LONG BEACH**

**NPDES NO. CAG994004
CI-8300**

FACILITY ADDRESS

Pier T Marine Terminal
Long Beach, California

FACILITY MAILING ADDRESS

925 Harbor Plaza,
Long Beach, CA 90802

PROJECT DESCRIPTION:

The Port of Long Beach is constructing a container terminal on Pier T of the Port. Wastewater from construction dewatering is discharged under general NPDES permit No. CAG994001 (see Figure 1 for site location). The Port of Long Beach has submitted a Notice of Intent dated August 22, 2003, to apply for continuing enrollment under general NPDES permit No. CAG994004 which has superseded CAG994001.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 50,000 gallons per day of groundwater will be discharged from the site. The groundwater will be treated and then discharged to Outfall No. 001 (Longitude: 118° 11' 40", Latitude: 33° 44' 45"). The treatment system includes Baker tanks for the primary treatment phase; ion exchange resin vessels and chemical precipitation devices for the secondary treatment phase; and sand/carbon filters and carbon adsorption vessels for the tertiary treatment phase (see Figure 2 for treatment scheme). The treatment system is able to remove settleable and suspended solids, heavy metals, and organic contaminants. The discharge flows into the Long Beach Harbor, a water of the United States.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements and previous monitoring reports, 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 Long Beach Harbor that is designated as an "Others" receiving waterbody in the NPDES permit. According to Attachment B of the permit, no watershed specific discharge limitations are required.

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	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
Copper	µg/L	5.8	2.9
Mercury	µg/L	0.1	0.05*
Nickel	µg/L	14	6.7

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

FREQUENCY OF DISCHARGE:

The groundwater discharge is intermittent and the project is scheduled to be completed in November 2005.

REUSE OF WATER:

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 feasible reuse options, the groundwater will be discharged to the storm drain.