

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 CONVENTION CENTER**

**NPDES NO. CAG994003
CI-5900**

FACILITY ADDRESS

1201 S. Figueroa Street
Los Angeles, California

FACILITY MAILING ADDRESS

1201 S. Figueroa Street
Los Angeles, CA 90015

PROJECT DESCRIPTION:

Los Angeles Convention Center (Center) operates two cooling towers that provide heat exchange for chillers for the Los Angeles Convention Center facility (See Figure 1 for site location). The operation of the cooling towers require discharge of blowdown water. Due to the wide range of occupancy in the usage of the Center, discharge can vary from 0 to 5,000 gallons per day (gpd). Additional discharges are needed during annual maintenance to clean the cooling towers. The Center has submitted a Notice of Intent to apply for continuing enrollment under general NPDES Permit No. CAG994003. Treatments are necessary to reduce pollutant concentrations in the discharge to comply with effluent limitations.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 5,000 gpd of wastewater is discharged to Outfall No. 001 (Latitude: 34° 02' 30", Longitude: 118° 16' 15") which flows into Ballona Creek, 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 discharge flows into Ballona Creek. Therefore, no waterbody specific discharge limitations are applicable to the discharge. The discharge limitations for copper, a hardness dependent metal, have been selected according to Section E.1.b. of the Order.

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	44.4	22.1

FREQUENCY OF DISCHARGE:

The intermittent discharge is expected to last throughout the life of the facility building.

REUSE OF WATER:

There are no feasible reuse options for the wastewater discharge. Offsite disposal of the 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 discharge. Therefore, the wastewater will be discharged to the storm drain.