

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
BOC GASES
(890 EL SEGUNDO BOULEVARD)**

**NPDES NO. CAG994003
CI-8192**

FACILITY ADDRESS

890 El Segundo Boulevard
El Segundo, California

FACILITY MAILING ADDRESS

890 El Segundo Boulevard
El Segundo, CA 90245

PROJECT DESCRIPTION:

The BOC Gases discharges wastewater from cooling tower blowdown and side stream filter backwash operations at their facility located at 890 El Segundo Boulevard, El Segundo. The wastewater discharge is pumped into the storm drain located along El Segundo Boulevard.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 1,500 gallons per day of wastewater is discharged from the facility into a nearby storm drain. Discharge to the storm drain flows into El Segundo Beach (Latitude: 33° 54' 59", Longitude: 118° 24' 21"), a water of the United States. The concentration of heavy metals detected in the wastewater is above the screening level for heavy metals. Treatment may be necessary to ensure that the concentration of these heavy metals in the discharge remain below the effluent limitation. The site location map is shown in 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 discharge flows into the El Segundo Beach, a Miscellaneous Los Angeles County Coastal Stream that is designated as MAR (Marine) beneficial use. Therefore, an appropriate discharge limitation for discharges to saltwater waterbodies for metals has been selected according to Section E.1.c. of the Order. The effluent limitations in Attachment B of the Order are not applicable to this discharge.

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	
Residual Chlorine	mg/L	0.1	
Methylene Blue Active Substances (MBAS)	mg/L	0.5	
Metals			
Copper	µg/L	5.8	2.9
Lead	µg/L	14	7
Nickel	µg/L	14	6.7

FREQUENCY OF DISCHARGE:

The discharge of wastewater will be intermittent.

REUSE OF WATER:

The reuse of wastewater at the site was evaluated. The disposal of water to a treatment facility is not feasible because it is not cost effective. The property and the immediate vicinity have no landscaped areas that require irrigation. Therefore, the majority of wastewater will be discharged into the storm drain.