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
THE BOEING COMPANY
(2401 E. WARDLOW ROAD)

NPDES NO. CAG994003
CI-7613

FACILITY ADDRESS	**FACILITY MAILING ADDRESS**
2401 E. Wardlow Road Long Beach, California	2401 E. Wardlow Road Long Beach, CA 90807

PROJECT DESCRIPTION:

The Boeing Company (Boeing) discharges wastewater from the boiler blowdown and emergency fire pump radiator cooling water operations at the above-referenced facility. The wastewater discharges into a nearby storm drain at Wardlow Road and Cherry Avenue. Treatment may be necessary to ensure that the concentration of chromium and zinc in the discharge remains below the effluent limitation.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 100,000 gallons per day of wastewater will be discharged into a storm drain that flows into the Los Cerritos Channel, thence to Alamitos Bay, a Miscellaneous Los Angeles County Coastal Stream (Latitude: 33° 49' 10", Longitude: 118° 09' 50"), a water of the United States. The site location map is shown in Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, and self-monitoring reports, chromium and zinc showed reasonable potential to exist in the discharge. Therefore, an effluent limitation has been incorporated for the above-mentioned constituents. The discharge from the facility flows into the Los Cerritos Channel, thence to Alamitos Bay, a Miscellaneous Los Angeles County Coastal Stream that has a designated beneficial use of (MUN) Potential. Based on the effluent hardness value submitted, an appropriate discharge limitation for hardness-dependent metals has been selected according to Section E.1.b. 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			
Zinc	µg/L	170	86
Chromium III	µg/L	50	
Chromium VI	µg/L	16	8

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.