

**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
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
(DOMINGUEZ GAP BARRIER PROJECT)**

CI-6089

FACILITY ADDRESS

Dominguez Gap Barrier
Long Beach, CA 90803

FACILITY MAILING ADDRESS

900 S. Fremont Avenue, 8th Floor
Alhambra, CA 91803

PROJECT DESCRIPTION:

The County of Los Angeles Department of Public Works (LACDPW) discharges groundwater from maintaining the injection wells and the extraction wells as part of the Dominguez Gap Barrier project to control seawater intrusion into the groundwater basins in the Wilmington area. LACDPW redevelops and constructs new wells every two to four years. Some of the wells will discharge into Los Angeles Inner Harbor, Dominguez Channel, and Los Angeles River (below Willow Street). The LACDPW built a temporary pipeline to convey discharges from the Long Beach Pump Plant to downstream of Willow Street. The wastewater is pumped to a settling tank unit before the discharge.

VOLUME AND DESCRIPTION OF DISCHARGE:

A total of up to 1.0 million gallons per day of groundwater will be discharged from well construction and maintenance activities. The discharge will be released from the facility into local storm drains located along Anaheim and Spring Street, thence into Los Angeles Inner Harbor, Dominguez Channel, and Los Angeles River (below Willow Street), waters of the United States. See Figure 1 for the well locations. The discharge outfalls locations are listed below:

a. Los Angeles Inner Harbor:

<u>Outfall No.</u>	<u>Latitude</u>	<u>Longitude</u>
001	33° 46' 31"	118° 16' 50"
002	33° 46' 30"	118° 16' 18"
003	33° 46' 29"	118° 16' 32"
004	33° 46' 29"	118° 16' 21"
005	33° 46' 31"	118° 16' 15"
006	33° 46' 32"	118° 16' 08"
007	33° 46' 32"	118° 16' 01"

Outfall No.	Latitude	Longitude
045	33° 48' 14"	118° 12' 22"

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data showed reasonable potential for toxics to exist in groundwater above the Screening Levels for Potential Pollutants of Concern in Potable Groundwater in Attachment A. Therefore, the effluent limits for toxic compounds in Section E.1. and E.2. are applicable to your discharge. The discharge flows into the Los Angeles Inner Harbor, Dominguez Channel, and Los Angeles River (below Willow Street); therefore, discharge limitations in Attachment B are not applicable to your 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
Settleable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	---
Copper (Cu)	µg/L	1000	
Lead (Pb)	µg/L	50	
Total Chromium	µg/L	50	
1,1 Dichloroethane	µg/L	5	
1,1 Dichloroethylene	µg/L	6	
1,1,1 Trichloroethane	µg/L	200	
1,1,2 Trichloroethane	µg/L	5	
1,1,2,2 Tetrachloroethane	µg/L	1	
1,2 Dichloroethane	µg/L	0.5	
1,2-Trans Dichloroethylene	µg/L	10	
Tetrachloroethylene	µg/L	5	
Trichloroethylene	µg/L	5	
Carbon Tetrachloride	µg/L	0.5	
Vinyl Chloride	µg/L	0.5	
Total Trihalomethanes	µg/L	80	
Benzene	µg/L	1	
Methyl tertiary butyl ether (MTBE)	µg/L	5	

FREQUENCY OF DISCHARGE:

The discharge will be intermittent.

REUSE OF WATER:

Due to lack of landscaping area at the site and inability to economically transport the water for reuse, an alternative method of disposal is not feasible. Therefore, the groundwater will be discharged to the storm drains.