

**State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles**

**FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
DEPARTMENT OF WATER AND POWER
CITY OF LOS ANGELES
(HARBOR WATER RECLAMATION PROJECT)**

**NPDES NO. CAG994004
CI-7929**

PROJECT LOCATION

Harbor Water Reclamation Project
Pipeline installation
San Pedro and Wilmington, CA

FACILITY MAILING ADDRESS

111 N. Hope Street, Room 1213
Los Angeles, CA 90012

PROJECT DESCRIPTION

Department of Water and Power, City of Los Angeles (LADWP) conducted dewatering activity during the installation of a pipeline for the Los Angeles Harbor Water Reclamation Project located within the cities of San Pedro and Wilmington in June 2002. Groundwater from the project is currently stored in a former fuel oil storage tank, located within the Harbor Generating Station facility. Based on the water quality data submitted with the Notice of Intent, the groundwater is impacted with 2,4-dimethylphenol, bis(2-ethylhexyl) phthalate, chrysene, n-nitrosodimethyl amine, 1,4-dioxane, total petroleum hydrocarbons, and heavy metals: specifically, arsenic, lead, mercury, nickel and zinc. Treatment for these contaminants is required prior to discharge.

VOLUME AND DESCRIPTION OF DISCHARGE

Approximately 80,000 gallons of treated groundwater will be discharged to the Los Angeles Harbor (Latitude 33° 46' 06", Longitude 118° 15' 53"). See Figure 1 for the site location and Figure 2 for a schematic treatment flow diagram.

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 to the Los Angeles Harbor; therefore, the discharge limitations under the "Other Waters" and "Saltwater" waterbodies apply to your discharge. Attachment B is not applicable to your discharge.

This Table lists the specific constituents and effluent limitations applicable to your 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	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---
Semi-Volatile Organic Compounds			
2,4-Dimethylphenol	µg/L	4,600	2,300
Bis(2-Ethylhexyl) Phthalate	µg/L	11	5.9
Chrysene	µg/L	0.098	0.049
n-Nitrosodimethyl amine	µg/L	16	8.1
Miscellaneous			
1,4-dioxane	µg/L	3	---
Total petroleum hydrocarbons	µg/L	100	---
Metals			
Arsenic	µg/L	50	29
Lead	µg/L	14	7
Mercury	µg/L	0.1	0.05
Nickel	µg/L	14	6.7
Zinc	µg/L	95	47

FREQUENCY OF DISCHARGE

The discharge of treated groundwater is a one time event.

REUSE OF WATER

Options for reuse of water were considered; however, the cost of disposal offsite is prohibitive, making the reuse of the groundwater infeasible. Therefore, the wastewater will be discharged to the Harbor.