

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**

**CITY OF PASADENA-DEPARTMENT OF WATER AND POWER
(WILSON TUNNEL DRAIN PROJECT)**

**NPDES NO. CAG994004
CI-8843**

FACILITY ADDRESS

Rosemont Avenue & Washington Boulevard
Pasadena , CA 91103

FACILITY MAILING ADDRESS

150 S. Los Robles Avenue, Suite 200
Pasadena, CA 91101

PROJECT DESCRIPTION:

The City of Pasadena-Department of Water and Power proposes to discharge groundwater generated from the pipeline construction project located between Rosemont Avenue and Washington Boulevard, Pasadena, California. A desilting tank will be installed to allow sediment to settle out before discharging. The construction project will be completed within six months.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 216,000 gallons per day of groundwater will be discharged into the catch basin located between Rosemont Avenue and Washington Boulevard (Latitude: 34° 10' 31", Longitude: 118° 10' 9"). The discharge from the storm drain flows into Arroyo Seco Flood Control Channel, thence into the Los Angeles River (Other tributaries to Los Angeles River), a water of the United States. The vicinity map is shown in Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data did not show reasonable potential for toxics to exist in groundwater above the Screening Levels for Potential Pollutants of Concern in your discharge. The construction dewatering discharge flows into the Arroyo Seco Flood Control Channel, thence into the Los Angeles River (Other tributaries to Los Angeles River), designated as MUN (Existing) beneficial use. Therefore, the discharge limitations under the "MUN" column apply to your discharge. The discharge limitations in E.1.a.i. and B.7.e. of the Order No. R4-2003-0111 are applicable to your discharge.

December 21, 2004

This Table lists the specific constituents and effluent limitations applicable to your discharge.

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	1550	
Sulfate	mg/L	350	
Chloride	mg/L	150	
Nitrogen ¹	mg/L	8	
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	

FREQUENCY OF DISCHARGE:

The discharge of groundwater will be intermittent.

REUSE OF WATER:

Offsite disposal of treated waste is not feasible due to high cost of disposal. The property and the immediate vicinity have no landscaped areas that require irrigation. Since there are no feasible reuse options, the groundwater will be discharged into the catch basin.

¹ Nitrate-nitrogen plus nitrite nitrogen.