

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
LOS ANGELES DEPARTMENT OF WATER AND POWER
(RIVER SUPPLY CONDUIT IMPROVEMENT PROJECT)**

**NPDES NO. CAG994004
CI-8998**

FACILITY ADDRESS

Crystal Dr. & Los Feliz Blvd.
Los Angeles, California

FACILITY MAILING ADDRESS

111 North Hope Street
Los Angeles, California 90012

PROJECT DESCRIPTION:

Los Angeles City's Department of Water and Power (Discharger) plans to construct a River Supply Conduit Improvement Project (Project). The Project is a multi-unit, linear project that consists of constructing improvements along the existing River Supply Conduit alignment from the North Hollywood Pump Station to the Silverlake Reservoir. It is divided into Lower and Upper reaches, which are further divided into several units each. Construction is to be phased, with the Lower Reach scheduled through the summer of 2006, the Upper Reach units are scheduled through December 2009. Unit 4 of the Project is located along Crystal Drive in the City of Los Angeles (see Figure 1 for site location). Groundwater has been detected in borings from Unit 4. The Discharger proposes to discharge the groundwater generated from the construction to surface waters under the subject General NPDES permit.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 0.6 million gallons per day (mgd) of groundwater will be discharged from the project site under the NPDES permit. The groundwater will be discharged to nearby storm drain, Outfall No. 001 (Latitude: 34° 08' 38", Longitude: 118° 17' 06"). The discharge flows into the Los Angeles River, a water of the United States.

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 groundwater discharge flows into the Los Angeles River, between Sepulveda Flood Control Basin and Figueroa Street. Therefore, receiving water specific discharge limitations apply to the 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	N/A
Phenols	mg/L	1.0	N/A
Residual Chlorine	mg/L	0.1	N/A
Methylene Blue Active Substances (MBAS)	mg/L	0.5	N/A
TDS	mg/L	950	
Sulfate	mg/L	300	
Chloride	mg/L	190	
Nitrogen	mg/L	8	

* Nitrate-nitrogen plus nitrite-nitrogen (NO₃-N + NO₂-N)

FREQUENCY OF DISCHARGE:

The groundwater discharge is intermittent.

REUSE OF WATER:

Offsite disposal of the groundwater discharge is not feasible due to high cost of disposal. Since there are no other feasible reuse options, most of the groundwater generated from the construction dewatering will be discharged to the Los Angeles River in accordance with the attached Order.