

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
CALIFORNIA DEPARTMENT OF TRANSPORTATION
(CALTRANS DRAINAGE SYSTEM AT BIG OAK FLAT)**

**NPDES NO. CAG994004
CI-8961**

FACILITY ADDRESS

Piru Creek and 5 Freeway
Santa Clarita, California

FACILITY MAILING ADDRESS

100 South Main Street
Los Angeles, CA 90012

PROJECT DESCRIPTION:

California Department of Transportation (Discharger) plans to restore a section of Big Oak Flat Drainage System located at the intersection of Canton Canyon and 5 Freeway in the City of Santa Clarita. (See Figure 1). The Discharger proposes to discharge the groundwater generated from construction dewatering activities to the drain of the Big Oak Flat Drainage System.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 1,500 gallons per day of groundwater will be discharged from the project site. The groundwater will be discharged to Outfall No. 1 (Latitude: 32° 34' 25", Longitude: 118° 41' 36"). The discharge flows into the Piru Creek, 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 Piru Creek above gaging station which is designated as MUN (Potential) beneficial use. Therefore, the discharge limitations under "Other Waters" column 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	800	
Sulfate	mg/L	400	
Chloride	mg/L	60	
Boron	mg/L	1.0	
Nitrogen	mg/L	5	

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

FREQUENCY OF DISCHARGE:

The groundwater discharge is continuous and will last for approximately one and a half months after the construction commences.

REUSE OF WATER:

Offsite disposal of the groundwater discharge is not feasible due to high cost of disposal. The property and the immediate vicinity have no landscaped areas that require irrigation using the groundwater discharge. Since there are no other feasible reuse options, the groundwater generated from the construction will be discharged to the Piru Creek.