

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
CASTAIC LAKE WATER AGENCY
PIPELINE REPLACEMENT PROJECT**

**NPDES NO. CAG994004
CI-8894**

FACILITY ADDRESS

Tapia Canyon Road and Castaic Creek
Los Angeles County, California

FACILITY MAILING ADDRESS

27234 Bouquet Canyon Road
Santa Clarita, CA 91350

PROJECT DESCRIPTION:

Castaic Water Agency (Discharger) plans to replace a potable water pipeline located at the west side junction of Castaic Creek and Tapia Canyon Road in the County of Los Angeles (See Figure 1). The Discharger proposes to discharge the groundwater generated from construction dewatering activities to Castaic Creek.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 2.5 million gallons per day of groundwater will be discharged from the project site. The groundwater will be treated and then discharged to Outfall No. 001 (Latitude: 34° 28' 55", Longitude: 118° 36' 42"). The discharge flows into the Castaic 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 Castaic Creek between West Pier Highway 99 and Blue Cut Gaging Station which is designated as MUN (Potential) beneficial use. Therefore, discharge the limitations under "Other Waters" column apply to the discharge. Based on the information submitted by the Discharger, the proposed discharge falls under the category of *Creekside Construction Dewatering Operations* as defined in Section C (2)(f) of the subject Regional Board General NPDES permit.

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
Boron	mg/L	1.5	
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 up to six weeks.

REUSE OF WATER:

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