

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 COUNTY DEPARTMENT OF PUBLIC WORKS
(FAIPLEX STORM DRAIN PROJECT)**

**NPDES NO. CAG994004
CI-8735**

FACILITY ADDRESS

1101 McKinley Avenue
Pomona, California

FACILITY MAILING ADDRESS

900 South Fremont Avenue
Alhambra, CA 91803

PROJECT DESCRIPTION:

The Los Angeles County Department of Public Works (LACDPW) proposes to discharge wastewater from a construction dewatering project located at 1101 McKinley Avenue, Pomona. This project includes construction of a new storm drainage system to replace the existing storm drain pipe that discharges into the San Jose Creek at McKinley Avenue. Prior to discharge, the groundwater will be pumped into a treatment system that includes a settling tank, filtration system, ion exchange vessel, and other treatment systems (as necessary). The proposed treatment system will remove the contaminants of concern in order to meet the permit's effluent limitation.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 194,000 gallons per day of groundwater will be discharged during construction dewatering activities. The treated groundwater will be discharged into a storm drain located at McKinley Avenue (Latitude: 34° 04' 45", Longitude: 117° 45' 50"). The discharge flows into San Jose Creek, (upstream of the 71 Freeway), thence to the San Gabriel River, a water of the United States. The site location map and process flow diagram are shown in Figures 1 and 2, respectively.

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 discharge of treated groundwater flows into the San Jose Creek that is designated as MUN (Potential) beneficial use. Therefore, the discharge limitations under the "Other Waters" column apply to the discharge. Based on the effluent hardness value submitted, an appropriate discharge limitation for hardness-dependent metals has been selected according to Section E.1.b. of the Order. The limitations specified in Attachment B.8.e. of the Order are applicable to this discharge.

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	750	
Sulfate	mg/L	300	
Chloride	mg/L	150	
Boron	mg/L	1	
Nitrogen	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	
Metals			
Copper	µg/L	44.4	22.1
Lead	µg/L	25.6	12.8
Cyanide	µg/L	8.5	4.2
Selenium	µg/L	8	4
Thallium	µg/L	13	6

FREQUENCY OF DISCHARGE:

The discharge of treated groundwater will be intermittent.

REUSE OF WATER:

A portion of the treated groundwater will be reused for dust control and soil compaction activities. Offsite disposal of treated waste is not feasible due to high cost of disposal. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain.