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
WEST BASIN MUNICIPAL WATER DISTRICT
(WEST BASIN WATER RECYCLING PLANT)

NPDES NO. CAG994004
CI-8882

FACILITY ADDRESS

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El Segundo, California

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PROJECT DESCRIPTION:

West Basin Municipal Water District (WBMWD) proposes to construct recycled water distribution pipelines for its West Basin Water Recycling Plant. The distribution pipeline is approximately 25,000 feet in length. Groundwater dewatering will be necessary during the construction project. The groundwater will be pumped into Baker tanks to settle out solids before discharge.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 300,000 gallons per day of groundwater will be discharged into a nearby storm drain that flows into the Dominguez Channel (Latitude: 33° 50' 21", Longitude: 118° 20' 23"), a water of the United States. The site location map is shown in Figure 1.

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 groundwater flows into Dominguez Channel that is designated as MUN (Potential) beneficial use. Therefore, the discharge limitations under the "Other Waters" column apply to the discharge. The limitations specified in Attachment B of the Order are not 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 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 and will last up to 10 months.

REUSE OF WATER:

The reuse of pumped groundwater at the site was evaluated. The disposal of water to a treatment facility is not feasible because it is not cost effective. Therefore, the majority of the groundwater will be discharged into the storm drain.