

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
CITY OF BEVERLY HILLS
(REVERSE OSMOSIS WATER TREATMENT PLANT)**

**NPDES NO. CAG994004
CI-8509**

FACILITY ADDRESS

345 Foothill Road
Beverly Hills, California

FACILITY MAILING ADDRESS

345 Foothill Road
Beverly Hills, CA 90210

PROJECT DESCRIPTION:

The City of Beverly Hills proposes to discharge treated groundwater from a reverse osmosis water treatment plant located at 345 Foothill Road, Beverly Hills, California. The groundwater discharge will be generated during plant start up activities and/or during overflow condition that occurs when the pump fails at the clear well. The clear well receives completely treated potable water ready for distribution to consumers. Other wastewater generated by the treatment plant is discharged into the sanitary sewer.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 100,000 gallons per day of treated groundwater will be discharged during the plant startup and overflow conditions at the clear well. The groundwater will be discharged into the storm water catch basin located at Foothill Road (Latitude: 34° 04' 30", Longitude: 118° 23' 48"). The discharge flows to Ballona Creek, a water of the United States. The site location map and flow schematic diagram are shown in Figures 1 and 2, respectively.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, copper has showed reasonable potential to exist in the discharge, therefore, effluent limitation has been incorporated for copper. The discharge of groundwater flows into the receiving waterbody stated above that has a designated beneficial use of (MUN) Potential. 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. Attachment B of the Order is 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	
Metals			
Copper	µg/L	20.8	10.4

FREQUENCY OF DISCHARGE:

The discharge of groundwater will be intermittent.

REUSE OF WATER:

Offsite disposal of treated waste is not feasible due to high cost of disposal. The property and the immediate vicinity have no landscaped areas that require irrigation. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain.