

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles

REVISED FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
SOUTHERN CALIFORNIA WATER COMPANY
(BALLONA PLANT)

NPDES NO. CAG994005
CI-8684

PROJECT LOCATION

1218 W. El Segundo Boulevard
Gardena, CA 90247

FACILITY MAILING ADDRESS

17140 S. Avalon Boulevard, Suite 100
Carson, CA 90746

PROJECT DESCRIPTION

Southern California Water Company proposes to discharge groundwater associated with the well construction, well development, and conducting of pump tests at 1218 W. El Segundo Boulevard, Gardena. The discharges covered by this permit for the Ballona Well Nos. 4 and 5 include, groundwater generated during well purging for data collection purposes, groundwater extracted from major rehabilitation and redevelopment activities, and groundwater generated from well drilling, construction and development. The rehabilitation process consists of chemical treatment (chlorination, acid and aqua feed) and mechanical treatment (wire brushing, bore blasting, bailing and pumping). A desilting tank will be installed to allow sediment to settle out before the discharge.

VOLUME AND DESCRIPTION OF DISCHARGE

Approximately 600,000 gallons per day of groundwater will be discharged into the storm drain located at El Segundo Boulevard (Latitude 33° 54' 56", Longitude 118° 17' 50"). The discharge from the storm drain flows into Dominguez Channel, a water of the United States. The site location map is shown Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data showed reasonable potential for toxics to exist in the groundwater above the Screening Levels for Potential Pollutants of Concern in Potable Groundwater in Attachment A. Therefore, the effluent limits for toxic compounds in Section E.2. are applicable to your discharge. The discharge flows to the Dominguez Channel; therefore, discharge limitations in Attachment B are not applicable to your 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
Settleable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	---
Copper	µg/L	1000	---
Lead	µg/L	50	---
Total Chromium	µg/L	50	---
1,1-Dichloroethane	µg/L	5	---
1,1-Dichloroethylene	µg/L	6	---
1,1,1-Trichloroethane	µg/L	200	---
1,1,2-Trichloroethane	µg/L	5	---
1,1,2,2-Tetrachloroethane	µg/L	1	---
1,2-Dichloroethane	µg/L	0.5	---
1,2-trans Dichloroethylene	µg/L	10	---
Tetrachloroethylene	µg/L	5	---
Trichloroethylene	µg/L	5	---
Carbon Tetrachloride	µg/L	0.5	---
Vinyl Chloride	µg/L	0.5	---
Total Trihalomethanes	µg/L	80	---
Benzene	µg/L	1	---
Methyl tertiary butyl ether	µg/L	5	---

FREQUENCY OF DISCHARGE

The discharge will be intermittent.

REUSE OF WATER

There are no feasible reuse options; therefore, the wastewater will be discharged to the storm drain.