

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

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
SOUTHERN CALIFORNIA WATER COMPANY
(DOTY PLANT)
NPDES NO. CAG994005
CI-8540

PROJECT LOCATION

Doty Plant
14124 Doty Avenue
Hawthorne, CA 90250

FACILITY MAILING ADDRESS

Southern California Water Company
17140 S. Avalon Boulevard, Suite 100
Carson, CA 90746

PROJECT DESCRIPTION

Southern California Water Company proposes to redevelop Doty Wells #1 and #2 located at 14124 Doty Avenue in Hawthorne, in order to re-open clogged well perforations. The redevelopment will include chemical addition of chlorine, acid, and aqua freed to open the clogged perforations, wire brushing and bore blasting to clean the well bore; followed by bailing and pumping of the well water. Wastewater from the redevelopment process will be stored in two, 20,000-gallons sedimentation tanks, neutralized, then discharged to a nearby storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE

Southern California Water Company proposes to discharge up to 0.6 million gallons per day of groundwater to a storm drain located at Outfall No. 1 (Latitude 33° 54' 08", Longitude 118° 20' 08"). Discharge from the storm drain flows to the Dominguez Channel, a water of the United States. See Figure 1 for the site location.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data did not show 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 not 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	---

FREQUENCY OF DISCHARGE

The discharge from Doty Wells #1 and #2 is projected to begin during the fourth quarter of 2003, and will last for two weeks.

REUSE OF WATER

Southern California Water Company considered alternative reuse and/or method of disposal for the wastewater. Due to the intermittent nature of the flow, the limited volume of the discharge, and the inability to economically transport water for reuse, an alternative method of disposal is not feasible. Therefore, the wastewater will be discharged to the storm drains.