

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
SOUTHERN CALIFORNIA WATER COMPANY
(COMPTON-DOTY PLANT)**

**NPDES NO. CAG994005
CI-7958**

FACILITY ADDRESS

3800 Marine Avenue
Lawndale, California

FACILITY MAILING ADDRESS

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

PROJECT DESCRIPTION:

The Southern California Water Company (SCWC) proposes to discharge groundwater generated during well rehabilitation activities of Compton-Doty Well located at 3800 Marine Avenue, Lawndale. SCWC will also discharge groundwater during the required Department of Health Services (DHS) sampling activities.

Well rehabilitation is necessary to re-open well perforations that get clogged over the years by mineral deposits, and, silt, and bio-film. The well rehabilitation process will consist of chemical (chlorination, acid and aqua feed) and mechanical (wire brushing, bore blasting, bailing and pumping) processes. Well rehabilitation water will be accumulated in two 20,000-gallon for sedimentation/neutralization and testing prior to discharge.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 600,000 gallons per day of groundwater will be discharged during well rehabilitation and well purging activities during sampling. The discharge flows into the storm water catch basins located near the facility that drains into Dominguez Channel, (Latitude: 33° 53' 40", Longitude: 118° 21' 30"), a water of the United States. The site location map is shown in Figures 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data did not show reasonable potential for toxics to exist in 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 into Dominguez Channel. The effluent limitations in Attachment B are not applicable to your 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
Settleable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	

FREQUENCY OF DISCHARGE:

The discharge of groundwater will be intermittent.

REUSE OF WATER:

Offsite disposal of waste is not feasible due to high cost of disposal. Discharge to the sewer is not feasible because of inaccessibility and the high cost of sewer connection. 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.