

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
(GOLDMEDAL PLANT)**

**NPDES NO. CAG994005
CI-8839**

FACILITY ADDRESS

13030 Yukon Avenue
Hawthorne, 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 at its Goldmedal Plant located at 13030 Yukon Avenue, Hawthorne. 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, silt, and bio-film. The well rehabilitation process consists of chemical treatment (chlorination, acid and aqua feed) and mechanical treatment (wire brushing, bore blasting, bailing and pumping). The well rehabilitation water will be accumulated in two 20,000-gallon tank for sedimentation/neutralization and testing prior to discharge.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 1.44 mgd of groundwater will be discharged during well rehabilitation and well purging activities during sampling. The discharge flows into a local storm drain system located along Yukon Avenue that drains into the Dominguez Channel (Latitude: 33° 54' 51", Longitude: 118° 20' 03"), a water of the United States. The site location map is shown in Figure 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 the Dominguez Channel. The effluent limitations in Attachment B of the Order are not applicable to your discharge.

This Table lists the specific constituents and effluent limitations applicable to the discharge.

December 15, 2004

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. Due to the large volume of water involved, discharge to the sewer is not feasible. 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.