

**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
GOLDEN STATE WATER COMPANY
(GSWC SAXON NO. 4)**

CI-9020

FACILITY ADDRESS

409 E. Saxon Avenue
San Gabriel, CA 91778

FACILITY MAILING ADDRESS

401 S. San Dimas Canyon Road
San Dimas, CA 91773

PROJECT DESCRIPTION:

The Golden State Water Company (GSWC) proposes to discharge groundwater associated with well redevelopment and pumping test of Saxon No. 4, located at 409 E. Saxon Avenue, San Gabriel. Approximately 1.0 million gallons per day (mgd) of groundwater will be discharged during well redevelopment and subsequent pumping and aquifer tests. The discharges covered by this permit include groundwater from potable water supply wells generated during well purging for data collection purposes, groundwater extracted from major well-rehabilitation and redevelopment activities, and groundwater generated from well drilling, construction and development. A desilting tank will be installed to allow sediment to settle out before the discharge.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 1.0 MGD of groundwater will be discharged into the storm drain along Saxon Avenue (Latitude: 34° 4' 23", Longitude: 118° 05' 44"). The discharge from the storm drain flows into Alhambra Wash, thence into Rio Hondo Channel (upstream of Whittier Narrows Flood Control Basin), a water of the United States. The site location map is shown in Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed on the Table below have been determined to show reasonable potential to exist in the discharge. The discharge flows into the Rio Hondo Channel that has designated beneficial use of MUN (Potential). The discharge limitations in Attachment B.7.g. of Order No. R4-2003-0108 are applicable to your discharge.

January 25, 2006

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	750	
Sulfate	mg/L	300	
Chloride	mg/L	150	
Nitrogen ¹	mg/L	8	
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 will be intermittent and will last approximately one month.

REUSE OF WATER:

Water reuse alternatives and applicability were evaluated. A small volume of the groundwater will be used for dust control and soil compaction within the project area. The majority of the groundwater will be discharged to Rio Hondo Channel.

¹ Nitrate-nitrogen plus nitrite-nitrogen