

STATE OF CALIFORNIA  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION  
320 West 4<sup>th</sup> Street, Suite 200, Los Angeles, California 90013

**FACT SHEET  
WASTE DISCHARGE REQUIREMENTS  
FOR  
SOUTHERN CALIFORNIA WATER COMPANY  
(WILLOWBROOK PLANT)**

**NPDES NO. CAG994005  
CI-8751**

**FACILITY ADDRESS**

12315 S. Willowbrook Avenue  
Willowbrook, California

**FACILITY MAILING ADDRESS**

12035 Burke Street, #1  
Santa Fe Springs, CA 90670

**PROJECT DESCRIPTION:**

The Southern California Water Company (SCWC) proposes to discharge groundwater generated during well rehabilitation activities at its Willowbrook Plant located at 12315 S. Willowbrook Avenue, Willowbrook. Willowbrook Plant operates two active wells, Willowbrook Well #1 and Willowbrook Well #3. 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 consist 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 900,000 gallons per day of groundwater will be discharged during well rehabilitation and well purging activities during sampling. The discharge flows into local storm drain system located along Willowbrook Avenue that drains into the Compton Creek, thence to the Los Angeles River, (Latitude: 33° 55' 22", Longitude: 118° 14' 07"), 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 Compton Creek, thence to the Los Angeles River. The effluent limitations in Attachment B.7.e. are 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 Dissolved Solids	mg/L	1550	
Sulfate	mg/L	350	
Chloride	mg/L	150	
Nitrogen	mg/L	8	
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD <sub>5</sub> 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.