

**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**  
**(San Gabriel Water Treatment Plant)**  
**NPDES NO. CAG994003**  
**CI-8252**

**FACILITY LOCATION**

2630 S. San Gabriel Blvd.,  
Rosemead, CA 91770

**FACILITY MAILING ADDRESS**

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

**PROJECT DESCRIPTION**

Southern California Water Company (SCWC) operates the San Gabriel Water Treatment Plant located at 2630 S. San Gabriel Blvd., Rosemead, California. General NPDES Permit No. CAG994003 was issued to SCWC on April 19, 1999 to discharge carbon vessel flushing water during carbon change out operations. The potable water used in flushing the granulated carbon in the vessels is stored in a settling tank, then analyzed prior to discharge into the Alhambra Wash. SCWC submitted a Notice of Intent (NOI) form and analytical results of the wastewater samples to continue enrollment under General NPDES Permit.

**VOLUME AND DESCRIPTION OF DISCHARGE**

Up to 50,000 gallons per day of wastewater is discharged. The flushing operations occur once per day (for five minutes at 400 gallons per minute) for each vessel. The vessels are flushed once every nine to twelve months. The flush water is stored in a 15,000-gallon settling tank to remove fine sediments prior to discharge to the Alhambra Wash (Latitude 33°49'31", Longitude 118°04'28") which flows to Rio Hondo, thence to the Los Angeles River, a water of the United States. The site location is shown as Figure.

**APPLICABLE EFFLUENT LIMITATIONS**

Based on the information provided, the analytical data did not show reasonable potential for toxics to exist in the wastewater. Therefore, only effluent limitations specified in Section E.1.a. i. are applicable to the discharge. The discharge flows to Rio Hondo; therefore, the discharge limitations in Attachment B.7.g. are applicable to the 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 <sub>5</sub> 20°C	mg/L	30	20
Settleable Solids	ml/L	0.3	0.1
Total Dissolved Solids	mg/L	750	---
Sulfate	mg/L	300	---
Chloride	mg/L	150	---
Nitrogen	mg/L	8.0	---
Sulfides	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---

#### FREQUENCY OF DISCHARGE

Discharge from the back flush operation is intermittent.

#### REUSE OF WATER

There are no feasible reuse options for the discharge. It is not economically feasible to haul the wastewater for off-site disposal and the facility lacks landscaped area for irrigation. Therefore, the wastewater will be discharged to the Alhambra Wash.