

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
(Sentney Filtration Plant)
NPDES NO. CAG994003
CI-7994

FACILITY LOCATION

2920 Sentney Avenue
Culver City, CA 90232

FACILITY MAILING ADDRESS

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

PROJECT DESCRIPTION

Southern California Water Company (SCWC) operates the Sentney Filtration Plant at 2920 Sentney Avenue, Culver City, California. General NPDES Permit No. CAG994002 was issued to the subject plant on December 30, 1998 to discharge backwash water to the storm drain. SCWC submitted a Notice of Intent (NOI) form and analytical results of the wastewater samples to continue enrollment under General NPDES Permit. The plant site contains a treatment system for the removal of iron and manganese from potable water pumped from SCWC Well No. 8. The treatment system consists of two pressure filters with dual media of sand and anthracite coal. The treated water is used for a potable supply. Filter backwash frequency and duration is about 30 minutes per two days of operation. The backwash water is discharged to the storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 27,000 gallons per day of wastewater is discharged to the storm drain located at Latitude 34°01'50", Longitude 118°22'30", thence to Ballona Creek, a water of the United States. The site location and waste flow diagram are shown as Figures 1 & 2.

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 the discharge. The discharge flows to Ballona Creek; therefore, the discharge limitations in Attachment B are not 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 ₅ 20°C	mg/L	30	20
Settleable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)			

FREQUENCY OF DISCHARGE

The intermittent discharge is expected to last throughout the productive life of Well No. 8.

REUSE OF WATER

There are no feasible reuse options because of the large volume of water that will be discharged over a short period of time. It is not economically feasible to haul the wastewater for off-site disposal and the facility lacks landscaped area for irrigation. Therefore, the groundwater will be discharged to the stormdrain.