

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  
(CENTURY PLANT)**

**NPDES NO. CAG994003  
CI-8240**

**FACILITY ADDRESS**

7128 Century Boulevard  
Paramount, CA 90723

**FACILITY MAILING ADDRESS**

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

**PROJECT DESCRIPTION:**

Southern California Water Company (SCWC) owns and operates a potable water supply treatment plant located at 7128 Century Boulevard, Paramount. General NPDES Permit No. CAG994003 was issued to the subject plant on July 23, 2001 to discharge backwash wastewater to the storm drain. SCWC submitted a Notice of Intent (NOI) form and analytical results of the wastewater samples to continue enrollment under the General NPDES Permit.

The SCWC Century Plant consists of a treatment system for the removal of manganese from groundwater. Groundwater is passed through four pressure filters containing pyrolusite media for adsorption/filtration. The treated water is used for potable supply. Filter backwash frequency and duration are approximately 20 minutes, every day of operation. The backwash wastewater is discharged to the storm drain. In addition, this permit will include groundwater discharge from developing, aquifer/pumping tests and construction of wells associated with the Century Plant, under the General NPDES permit.

**VOLUME AND DESCRIPTION OF DISCHARGE:**

Approximately 30,000 gallons per day (gpd) of backwash wastewater is discharged into the storm drain located at Century Boulevard (Latitude: 33° 55' 02", Longitude: 118° 10' 25"). However, up to 2.5 million gallons per day (mgd) of groundwater will be discharged during well development-related activities at the Century Plant. Discharge from the storm drain flows into the Los Angeles River (between Figueroa Street and Los Angeles River Estuary), a water of the United States. The site location map and waste flow are shown in Figures 1 and 2.

September 30, 2004

**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 Los Angeles River that has designated beneficial use of MUN (Potential). The effluent limitations in Attachment B.7.d. 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	1500	
Sulfate	mg/L	350	
Chloride	mg/L	190	
Nitrogen <sup>1</sup>	mg/L	8	
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD <sub>5</sub> 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Settable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	
Residual Chlorine	mg/L	0.1	
Methylene Blue Active Substances (MBAS)	mg/L	0.5	

**FREQUENCY OF DISCHARGE:**

The discharge of wastewater will be intermittent.

**REUSE OF WATER:**

Offsite disposal of wastewater is not feasible due to high cost of disposal. The vicinity has no landscaped areas that require irrigation. Since there are no feasible reuse options, the wastewater will be discharged to the storm drain.

<sup>1</sup> Nitrate-nitrogen plus nitrite-nitrogen