

**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**  
**GOLDEN STATE WATER COMPANY**  
**(Southern Plant Well Site Filtration Unit)**  
**NPDES NO. CAG994003**  
**CI-9058**

**FACILITY LOCATION**

13503 South Vermont Avenue  
Gardena, CA 90247

**FACILITY MAILING ADDRESS**

17140 S. Avalon Blvd., #100  
Carson, CA 90746

**PROJECT DESCRIPTION**

Golden State Water Company (GSWC) operates the Southern Plant Well Site Filtration Unit at 13503 South Vermont Avenue, Gardena, California. GSWC periodically backwashes pressure filters which are used to remove iron and manganese from the potable well water. Backwash wastewater will be stored first in a tank, then tested prior to discharge to the storm drain.

**VOLUME AND DESCRIPTION OF DISCHARGE**

Up to 2,000 gallons per day of wastewater is discharged to the storm drain located at Latitude 33°54'32", Longitude 118°17'34", thence to Dominguez Channel, a water of the United States. The site location is shown as Figure1.

**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 Dominguez Channel that has beneficial use designated of MUN (potential). Therefore, the discharge limitations in Attachment B are not applicable to the discharge.

April 5, 2006

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
Sulfides	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---

### FREQUENCY OF DISCHARGE

The intermittent discharge is expected to last throughout the productive life of Southern Plant Well.

### REUSE OF WATER

It is not feasible to discharge the wastewater to the sanitary sewer system. It is not economically feasible to haul the wastewater for off-site disposal and the facility lacks landscaped area for irrigation. Therefore, the backwash water will be discharged to the storm drain in compliance with the requirements of the attached order.

