

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
(Roseton Well Site Filtration Unit)
NPDES NO. CAG994003
CI-9043

FACILITY LOCATION

17456 Roseton Avenue
Artesia, CA 90701

FACILITY MAILING ADDRESS

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

PROJECT DESCRIPTION

Golden State Water Company (GSWC) operates the Roseton Well site at 17456 Roseton Avenue, Artesia, California. GSWC periodically backwash pressure filters which are used for iron and manganese removal from the potable well water. Backwash frequency is approximately 30 minutes every two days of operation. Backwash wastewater will be stored in tanks first, then tested prior to discharge to the storm drain. Discharge from the facility is tributary to San Gabriel River Estuary which is not beneficially used as a drinking water source.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 34,500 gallons per day of wastewater is discharged to the storm drain located at Latitude 33°52'20", Longitude 118°05'09", thence to the San Gabriel River, 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 the San Gabriel River between Firestone Boulevard and San Gabriel River Estuary that has beneficial use designated of MUN (potential). Therefore, the discharge limitations in Attachment B are not applicable to the discharge.

March 14, 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 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)	mg/L	0.5	---

FREQUENCY OF DISCHARGE

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

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 storm drain in compliance with the requirements of the attached order.