

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles

REVISED FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
GOLDEN STATE WATER COMPANY
(Well Nos.1 & 2)
NPDES NO. CAG994005
CI-8730

FACILITY LOCATION

6360 Converse Avenue
Florence, CA 93030

FACILITY MAILING ADDRESS

12035 Burke Street #1
Santa Fe Springs, CA 90670

PROJECT DESCRIPTION

The Golden State Water Company operates the Converse Plant located at 6360 Converse Avenue, Florence, California. General NPDES Permit No. CAG994005 (Order No. R4-2003-0108) was issued to the City on November 10, 2004, for the discharge of groundwater generated during pump start up and well testing activities of potable water supply Well No. 1 supplying water to the Converse Plant. This Fact Sheet is being revised to include coverage for discharge of groundwater from Well No. 2 located approximately 50 feet from the Well No. 1. The well No. 1 is contaminated with volatile organic compounds (VOCs) and the groundwater is treated using granular activated carbon beds before being discharged to the storm drain. The Well No. 2 which draws water from deeper aquifer. VOCs were not detected in the deeper aquifer, therefore, no treatment is provided for the discharges from this well. The startup discharge lasts for about five minutes and will be conducted approximately once a month for the aforementioned wells.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 2.88 million gallons per day (mgd) of groundwater will be discharged to nearby local storm drain. Discharge from the storm drain flows into Compton Creek, thence to Los Angeles River, (Latitude: 33°58'55" , Longitude: 118°14'34"), a water of the United States. The site location and schematic of treatment flow diagram are shown as Figure 1 and Figure 2 respectively.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data for Well No. 1 showed 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.1. and E.2. are applicable to your discharge. The discharge flows to Compton Creek thence to the Los Angeles River between Figueroa Street and Los Angeles River Estuary. Therefore, the discharge limitations in Attachment B.7.e. are applicable to your discharge.

This Table lists the specific constituents and effluent limitations applicable to the discharge.

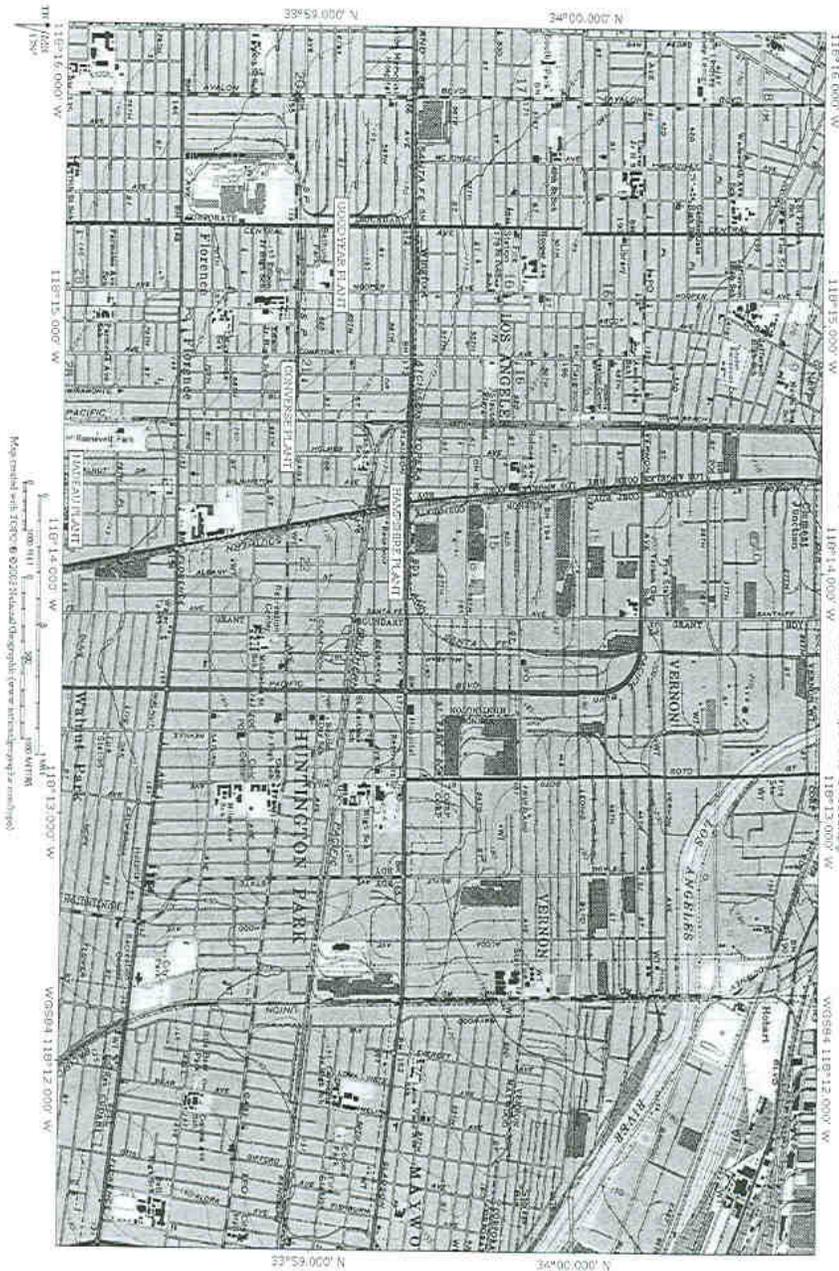
Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD ₅ 20°C	mg/L	30	20
Settleable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	---
Total Dissolved Solids	mg/L	1550	---
Sulfate	mg/L	350	---
Chloride	mg/L	150	---
Nitrogen	mg/L	8	---
Copper	µg/L	1000	---
Lead	µg/L	50	---
Total Chromium	µg/L	50	---
1,1 Dichloroethane	µg/L	5	---
1,1 Dichloroethylene	µg/L	6	---
1,1,1 Trichloroethane	µg/L	200	---
1,1,2 Trichloroethane	µg/L	5	---
1,1,2,2 Tetrachloroethane	µg/L	1	---
1,2 Dichloroethane	µg/L	0.5	---
1,2-Trans Dichloroethylene	µg/L	10	---
Tetrachloroethylene	µg/L	5	---
Trichloroethylene	µg/L	5	---
Carbon Tetrachloride	µg/L	0.5	---
Vinyl Chloride	µg/L	0.5	---
Total Trichloromethanes	µg/L	80	---
Benzene	µg/L	1	---
Methyl tertiary butyl ether	µg/L	5	---

FREQUENCY OF DISCHARGE

The discharge of groundwater will be intermittent.

REUSE OF WATER

It is not feasible to discharge the water to the sanitary sewer system. There are no available facilities that can directly reuse the temporarily-generated wastewater. Therefore, the groundwater will be discharged to the storm drain in compliance with the attached Order.



Site Location Map
FIGURE 1

