

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

**REVISED FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR**

**SOUTHERN CALIFORNIA WATER COMPANY
(CENTRALIA SITE-WELL NOS. 3, 4, 5 & 6)**

**NPDES NO. CAG994005
CI-8135**

FACILITY ADDRESS

12054 Centralia Boulevard
Hawaiian Gardens, CA 90716

FACILITY MAILING ADDRESS

12035 Burke Street, Suite #1
Santa Fe Springs, Ca 90670

PROJECT DESCRIPTION:

Southern California Water Company owns and operates four potable water supply wells located at 12054 Centralia Boulevard, Hawaiian Gardens. The discharges covered by this permit includes groundwater from potable water supply generated during well drilling, construction and redevelopment of the wells, and subsequent aquifer/pumping tests.

The well rehabilitation process requires shutting down the well, removing the well pump, adding acid into the well, and swabbing the well casing. After the reaction period, the sediments are airlifted into a holding tank. The pH will then be adjusted and the sediments will be allowed to settle in the tank. The final step of the rehabilitation process is to surge and chlorinate the well. Subsequently, the pump is reinstalled and the well is developed. The pumped groundwater will be collected into sedimentation tanks and will be dechlorinated before being discharged into the San Gabriel River.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 5.76 million gallons per day (mgd) of groundwater will be discharged during short-term pumping tests of well rehabilitation and construction. The test will last for approximately 8 hours a day and will be conducted during a three week time period. The discharge flows into a storm drain located at Centralia Boulevard. Discharge from the storm drain flows into Coyote Creek, thence into the San Gabriel River (Latitude: 33° 50' 49", Longitude: 118° 04' 22"), a water of the United States. The site location map is shown in Figure 1.

August 10, 2005

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 your discharge. The discharge flows into the San Gabriel River (Coyote Creek to San Gabriel River Estuary) that has designated beneficial use of MUN (Potential). The effluent limitations in Attachment B are not 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	

FREQUENCY OF DISCHARGE:

The discharge of groundwater will be intermittent and seasonal.

REUSE OF WATER:

Offsite disposal of treated waste 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 groundwater will be discharged to the storm drain.