

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

**FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
SOUTHERN CALIFORNIA WATER COMPANY
(McKINLEY WELL)**

**NPDES NO. CAG994002
CI-8347**

FACILITY ADDRESS

8143 McKinley Avenue
Paramount, California

FACILITY MAILING ADDRESS

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

PROJECT DESCRIPTION:

Southern California Water Company proposes to discharge treated groundwater during rehabilitation of an existing groundwater well at 8143 McKinley Avenue, Paramount. The purpose of the well rehabilitation is to reopen the clogged well perforations in order to increase well production. Well rehabilitation will involve a combination of; injecting of muriatic acid into the well casing, surging and brushing to open up the well perforations, bailing and pumping loose particles. The groundwater will be pumped into sedimentation tanks and will be neutralized before discharge. If needed, dechlorination, neutralization, and blending of water will be performed to meet the effluent limitations.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 1.44 million gallons per day of groundwater will be discharged during well rehabilitation and development. It will be necessary to discharge at this rate to adequately evacuate the well and to test the well production yield. Well rehabilitation is normally completed within one month. The groundwater will be discharged to storm drain along Mckinley Avenue (Latitude: 33° 54' 55", Longitude: 118° 09' 12"), thence to Los Angeles River, a water of the United States. The site location map and the plot vicinity map are shown in Figures 1 and 2, respectively.

FREQUENCY OF DISCHARGE:

The discharge will be intermittent and will begin in December 2001.

REUSE OF WATER:

The reuse of pumped groundwater at the site was evaluated. Only a very small portion of the water can be used for irrigation. Because of the large volume of water, the water can not be discharged to the sewer. The disposal of water to a treatment facility is not feasible because it is not cost effective. There is no need for water for dust control purposes because the immediate vicinity is paved and vegetated. Therefore, the majority of the groundwater will be discharged into the storm drain.