

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**

**PSOMAS
(UNITED STATES BUREAU OF RECLAMATION PILOT PROJECT)**

**NPDES NO. CAG994005
CI-8846**

FACILITY ADDRESS

690 N. Studebaker Road
Long Beach, California

FACILITY MAILING ADDRESS

11444 W. Olympic Boulevard, Suite 750
Los Angeles, CA 90064

PROJECT DESCRIPTION:

Psomas, on behalf of the United States Bureau of Reclamation, proposes to assess the effectiveness of a passive underground barrier wall to cut off seawater which intrudes the Alamitos Gap. A pilot test wall consisting of two test cells extending to different depths will be constructed. The project consists of basic data collection, research, and testing activities. Pumping and monitoring wells will be installed inside and outside the cells to be used to conduct the groundwater pumping tests and monitor the barrier effect on groundwater flow. Approximately three, 72-hour pump tests are planned following the test cell construction. A pumping rate of approximately 250 gallons per minute is anticipated for each test. Groundwater produced during the pump tests will be discharged into the San Gabriel River at the point shown in the attached Location Map (Figure 1).

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 360,000 gallons per day of groundwater will be discharged during well pumping test activities. The discharge flows into the San Gabriel River (Latitude: 33° 45' 41", Longitude: 118° 05' 53"), a water of the United States. The site location map is shown in Figure 1.

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, between Firestone Boulevard and the San Gabriel River Estuary. The effluent limitations in Attachment B of the Order are not applicable to your discharge.

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

January 14, 2005

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.

REUSE OF WATER:

Offsite disposal of waste is not feasible due to high cost of disposal. Due to the large volume of water involved, discharge to the sewer is not feasible. The property and the immediate vicinity have no landscaped areas that require irrigation. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain.