

**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**

**WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
(SEPULVEDA WELLS NO. 1 AND 2)**

**(ORDER NO. R4-2003-0108, SERIES NO. 051)
(NPDES NO. CAG994005)**

CI-9048

FACILITY ADDRESS

4685 & 4545 Sepulveda Boulevard
Torrance, CA 90505

FACILITY MAILING ADDRESS

12621 East 166th Street
Cerritos, CA 90703

PROJECT DESCRIPTION:

The Water Replenishment District of Southern California (WRD) proposes to discharge groundwater associated with well redevelopment and pumping tests of Wells No. 1 and 2, located at 4685 and 4545 Sepulveda Boulevard, Torrance. Approximately 2.5 million gallons per day (mgd) of groundwater will be discharged during well redevelopment and subsequent pumping and aquifer tests. It will be necessary to discharge at this rate during the pumping tests so as to properly develop the wells. The project will last for about one month. The discharges covered by this permit include groundwater from potable water supply wells generated during well purging for data collection purposes, groundwater extracted from major well-rehabilitation and redevelopment activities, and groundwater generated from well drilling, construction and development. A desilting tank will be installed to allow sediment to settle out before the discharge.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 2.5 million per day (mgd) of groundwater will be discharged into the storm drain along Sepulveda Boulevard. The discharge from the storm drain flows into Dominguez Channel, a water of the United States. The site location map is shown in Figure 1. The discharge Outfalls locations are listed below:

Outfall No.	Latitude	Longitude
201058	33° 49' 37"	118° 21' 48"
202817	33° 49' 36"	118° 21' 40"

March 20, 2006

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed on the Table below have been determined to show reasonable potential to exist in the discharge. The discharge flows into the Dominguez Channel that has designated beneficial use of MUN (Potential). The discharge limitations in Attachment B of Order No. R4-2003-0108 is 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 will be intermittent.

REUSE OF WATER:

Water reuse alternatives and applicability were evaluated. A small volume of the groundwater will be used for dust control and soil compaction within the project area. The majority of the groundwater will be discharged to Dominguez Channel.