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
CITY OF TORRANCE-MUNICIPAL WATER DEPARTMENT
(WATER WELL NO. 6)

(ORDER NO. R4-2003-0108, SERIES NO. 052)
(NPDES NO. CAG994005)

CI-9047

FACILITY ADDRESS	**FACILITY MAILING ADDRESS**
17537 Yukon Avenue	20500 Madrona Avenue
Torrance, CA 90503	Torrance, CA 90503

PROJECT DESCRIPTION:

The City of Torrance, Municipal Water Department (City of Torrance) proposes to discharge groundwater associated with well redevelopment and pumping test of Water Well No. 6, located at 17537 Yukon Avenue, Torrance. Approximately 2.16 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 test so as to properly develop the well. The project will last for about seven weeks. The discharges covered by this permit include groundwater from potable water supply well 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 2.16 million gallons per day of groundwater will be discharged into a local storm drain along Yukon Avenue (Latitude: 33° 52' 17", Longitude: 118° 20' 09"). 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.

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.

March 21, 2006

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.