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 SIGNAL HILL-DEPARTMENT OF PUBLIC WORKS
(WELL NO. 7)

CI-8899

FACILITY ADDRESS
6476 Orange Avenue
Long Beach, CA 90805

FACILITY MAILING ADDRESS
2175 Cherry Avenue
Signal Hill, CA 90755

PROJECT DESCRIPTION:

City of Signal Hill, Department of Public Works proposes to discharge groundwater associated with well redevelopment and conducting of pumping tests on Well No. 7 located at 6576 Orange Avenue, Long Beach. A desilting tank will be installed to allow sediment to settle out before the discharge. Approximately 4.0 million gallons per day of groundwater will be discharged during well redevelopment and subsequent pumping and aquifer tests. Well redevelopment and aquifer tests will be completed within one month.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 4.0 million gallons per day of groundwater (MGD) will be discharged from the well redevelopment activities. The discharge will be released from the facility into local storm drains located along Orange Avenue, thence into Los Angeles River, (Latitude: 33° 52' 24", Longitude: 118° 10' 39") a water of the United States waters 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 Los Angeles River. Therefore, the discharge limitations in Attachment B.7.d. of Order No. R4-2003-0108 are applicable to your discharge.

May 24, 2005

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	1500	
Sulfate	mg/L	350	
Chloride	mg/L	190	
Nitrogen[1]	mg/L	8	
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:

Due to lack of landscaping area at the site and inability to economically transport the water for reuse, an alternative method of disposal is not feasible. Therefore, the groundwater will be discharged to the storm drains.

[1] Nitrate-nitrogen plus nitrite-nitrogen