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. 9)

CI-9149

FACILITY ADDRESS
2203 E. 28th Street
Signal Hill, CA 90806

FACILITY MAILING ADDRESS
2175 E. 28th Street
Signal Hill, CA 90806

PROJECT DESCRIPTION:

The City of Signal Hill, Department of Public Works proposes to discharge groundwater associated with construction, well development and conducting of pumping tests on Well No.9 located at 2203 East 28th Street, Signal Hill. Approximately 2.5 million gallons per day of groundwater will be discharged during well development and subsequent pumping and aquifer tests. A desilting tank will be installed to allow sediment to settle out before the discharge. Well development and aquifer tests will be completed within three weeks after the well construction.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 2.5 million gallons per day (mgd) of groundwater will be discharged into the storm drain located along 28th Street (Latitude: 33° 48' 44", Longitude: 118° 08' 19"). The discharge from the storm drain flows into Los Cerritos Channel, thence into the Alamitos Bay, a water of the United States. The vicinity map is shown in Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed in the Table below have been determined to show reasonable potential to exist in the discharge. The discharge flows into the Los Cerritos Channel, thence into Alamitos Bay. This stream reach of the Los Cerritos Channel is designated MUN (Potential) beneficial use. The discharge limitations in Attachment B of Order No. R4-2003-0108 are not applicable to your discharge.

August 11, 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
BOD520℃	mg/L	30	20
Settleable Solids	milL	0.3	0.1
Residual Chlorine	mg/L	0.1	---

FREQUENCY OF DISCHARGE:

The discharge will be intermittent and will last approximately three weeks.

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 Los Cerritos Channel.