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
SHELL OIL PRODUCTS US
(SIGNAL HILL TERMINAL)

NPDES NO. CAG674001
CI-8465

FACILITY ADDRESS
2457 Redondo Avenue
Signal Hill, CA

FACILITY MAILING ADDRESS
20945 S. Wilmington Avenue
Carson, CA 90810

PROJECT DESCRIPTION:

Shell Oil Products US (Shell Oil) discharges hydrostatic test water from the aboveground storage tanks at their facility located at 2457 Redondo Avenue, Signal Hill. A total of eight aboveground tanks exist at the facility (Tank Nos. 10, 15, 34, 80, 100, 101, 300, and 380). In addition, Shell Oil proposes to discharge hydrostatic test water from newly constructed aboveground storage tanks associated with the Shell Signal Hill Terminal, under this General NPDES permit. Shell Oil Products uses potable water supplied by the City of Signal Hill Water Department to conduct hydrostatic testing of the storage tanks and pipelines at the facility.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 1.4 million gallons per day (mgd) of hydrostatic test water will be discharged to a storm drain located along Redondo Avenue (Latitude: 33° 48' 03", Longitude: 118° 09' 06"). The discharge from the storm drain flows into Los Cerritos Channel, thence into Outer Long Beach Harbor, a water of the United States. The facility location and site plan are shown in Figures 1 and 2.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data did not show reasonable potential for toxics to exist in hydrostatic test wastewater above the Screening Levels for *Potential Pollutants of Concern in Potable Water Used for Hydrostatic Testing in Attachment A.* In addition, the source of hydrostatic test water is from a potable water supply system that complies with the Department of Health Services Maximum Contaminant Levels for drinking water. The discharge flows into the Los Cerritos Channel. Therefore, the effluent limitations in Attachment B are not applicable to your discharge.

October 29, 2004

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
Oil and Grease	mg/L	15	10
Settable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	

FREQUENCY OF DISCHARGE:

The discharge will be intermittent.

REUSE OF WATER:

Reuse of water at the facility for irrigation and dust control was evaluated, and found to be infeasible at the site. Therefore, the hydrostatic test water will be discharged into the Los Cerritos Channel.