

**State of California  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION  
320 West 4th Street, Suite 200, Los Angeles  
FACT SHEET  
WASTE DISCHARGE REQUIREMENTS  
FOR  
UNOCAL CORPORATION  
(Fomer Unocal Service Station #6990)  
NPDES NO. CAG834001  
CI-8365**

**PROJECT LOCATION**

20000 Bloomfield Avenue  
Cerritos, CA 90703

**FACILITY MAILING ADDRESS**

376 S. Valencia Avenue  
Brea, CA 92823

**PROJECT DESCRIPTION**

The former Unocal Service Station #6990 is located in the City of Cerritos. The site is owned and operated by Target Store. Shallow groundwater beneath the site is contaminated with a plume of petroleum hydrocarbon. The subject site is currently under the oversight of this Regional Board for remediation of impacted soil and groundwater. The project consultant, Vapor Extraction Technology, will be conducting a dual-phase soil vapor and groundwater extraction/treatment through on-site groundwater monitoring wells. The extracted groundwater will be filtered through sand filter and particle filtration system to remove suspended solids and then pumped into an enhanced air stripper. After the hydrocarbons have been stripped, the treated groundwater will be polished through a series of two canisters containing granular activated carbon (GAC) prior to discharge into the storm channel.

**VOLUME AND DESCRIPTION OF DISCHARGE**

Up to 86,400 gallons per day of treated groundwater will be discharged. The water will be discharged into a storm channel which drains into Coyote Creek (Latitude 33°50' 54", Longitude 118°03' 45"), a water of the United States. The site location and the schematic of waste flow diagram are shown as Figures I and II, respectively.

**FREQUENCY OF DISCHARGE**

The groundwater remedial activity is scheduled to begin in October 2002. The discharge will be continuous.

**REUSE OF WATER**

The Sanitation District will not accept the discharge due to the proposed long duration of the discharge (approximately 3 years). Due to lack of landscaping area at the site, there are no feasible reuse options for the discharge.