

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
UNION OIL COMPANY OF CALIFORNIA
(Former UNOCAL Station #5894)
NPDES NO. CAG834001
CI-7816

PROJECT LOCATION

5656 Crest Road
Rancho Palos Verdes, CA

FACILITY MAILING ADDRESS

711 Mission Avenue, #344
Oceanside, CA 92054

PROJECT DESCRIPTION

Union Oil Company of California (UNOCAL) is currently conducting groundwater remediation at its former Service Station #5894 located at 5656 Crest Road, Rancho Palos Verdes. Groundwater beneath the site is impacted by petroleum compounds. Groundwater is extracted and treated, then discharged to a storm drain located at the site. The treatment system consists of a bag filter, air stripping unit, and two canisters containing granular activated carbon (GAC) to polish the treated groundwater prior to discharge.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 57,000 gallons per day of treated groundwater is discharged into a storm drain that drains into Altamira Creek (Latitude 33°45' 37", Longitude 118°22' 27"), and then to the Pacific Ocean, a water of the United States. The site location and the schematic of waste flow diagram are shown as Figures 1 and 2, respectively.

FREQUENCY OF DISCHARGE

The discharge is continuous through the life of the remediation project.

REUSE OF WATER

Irrigation is not feasible at the site due to lack of landscaping area. There are no other feasible reuse options for the discharge. Therefore, the treated groundwater is being discharged into the storm drain.