

**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
ATLANTIC RICHFIELD COMPANY
(ARCO Service Station #6035)**

**NPDES NO. CAG834001
CI-8405**

PROJECT LOCATION

9824 Flair Drive
El Monte, CA 91731

FACILITY MAILING ADDRESS

4 Center Pointe Drive
La Palma, CA 90623

PROJECT DESCRIPTION

The subject site is a gasoline service station operated by Atlantic Richfield Company (ARCO). Shallow groundwater beneath the site is contaminated with petroleum hydrocarbons. The site is currently under the oversight of this Regional Board for remediation of impacted soil and groundwater. ARCO will be conducting a dual-phase soil vapor and groundwater extraction treatment system through on-site groundwater monitoring wells system. The hydrocarbon vapor will be treated via a thermal oxidizer unit and the groundwater will be treated by passing it through an oil water separator and a filtration unit to remove oil and suspended solids, respectively. The groundwater then will be treated with an air-stripper system to remove petroleum hydrocarbons and polished through a series of three canisters containing granular activated carbon. Post treatment water samples will be taken for analyses prior to discharge.

VOLUME AND DESCRIPTION OF DISCHARGE

ARCO will discharge up to 14,400 gallons per day of treated groundwater into storm drain (Latitude 34° 04' 15", Longitude 118° 03' 15"), thence into Eaton Wash Channel which flows into Los Angeles River, a water of the United States. The site location and the schematic of waste flow diagrams are shown as Figures 1 and 2, respectively.

FREQUENCY OF DISCHARGE

The groundwater remedial activity is scheduled to begin in June 2002. The discharge will be continuous for the duration of the project.

REUSE OF WATER

Due to lack of landscaping area at the site, there are no feasible reuse options for the discharge.