

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 CO.
(Former BP Chemical Site)
NPDES NO. CAG914001
CI-8770

PROJECT LOCATION

1600 West 135th Street
Gardena, CA 90249

FACILITY MAILING ADDRESS

6 Centerpointe Dr., LPR-166
La Palma, CA 90623

PROJECT DESCRIPTION

Atlantic Richfield Co. (ARCO) operates a groundwater extraction and treatment system at the former BP Chemical facility located at 1600 West 135th Street, Gardena. Shallow groundwater beneath the site is contaminated with volatile organic compounds. The subject site is currently under the oversight of this Regional Board for remediation of impacted soil and groundwater. The project consultant, Parsons, will be conducting groundwater extraction through on-site groundwater monitoring wells. The extracted groundwater will be treated by passing it through a series of two canisters containing granular activated carbon (GAC) to remove volatile organic compounds. Post-treatment water samples will be analyzed prior to discharge into the storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 33,200 gallons per day of treated groundwater will be discharged to storm drain located at (Latitude 33°54' 24", Longitude 118°18' 19"), thence to Dominguez Channel, 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 continuous discharge will last until the groundwater cleanup project has been completed.

REUSE OF WATER

It is not economically feasible to haul the groundwater for off-site disposal and the facility lacks sufficient landscaped area at the site for irrigation. There are no feasible reuse options for the discharge, therefore, the treated groundwater will be discharged to storm drain.

