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
VALLEY COUNTY WATER DISTRICT
(ARROW LANTE WATER TREATMENT FACILITY)

NPDES NO. CAG914001
CI-8508

PROJECT LOCATION
5120 Lante Street
Baldwin Park, CA 91706

FACILITY MAILING ADDRESS
14521 Ramona Boulevard
Baldwin Park, CA 91706

PROJECT DESCRIPTION

Valley County Water District proposes to construct and operate a new groundwater treatment facility, Arrow Lante Water Treatment Plant, located at 5120 Lante Street, Baldwin Park. This treatment facility is designed to remove volatile organic compounds, perchlorate, N-nitrosodimethylamine and 1,4-dioxane from groundwater produced from three extraction wells. The proposed treatment facility is part of the Baldwin Park Operable Unit cleanup plan, approved by the United States Environmental Protection Agency. The treatment facility consists of air stripping to remove volatile organic compounds, ion exchange to remove perchlorate and peroxide injection, and ultra violet light to remove N-nitrosodimethylamine and 1,4-dioxane. Following completion of construction activities, the treatment facility will be tested to verify satisfactory operations.

Valley County Water District proposes to discharge treated groundwater during startup testing of the facility into the Big Dalton Wash. Treated groundwater samples will be taken from the storage tank for analyses prior to discharge to the Big Dalton Wash.

VOLUME AND DESCRIPTION OF DISCHARGE

Valley County Water District proposes to discharge up to 11.2 million gallons per day of groundwater during the startup testing period. The discharge during startup phase is needed in order to demonstrate to the California Department of Health Services (DHS) that the water quality produced by the treatment plant is equivalent to, or better than, that expected during the design phase of the project. Valley County Water District will request DHS to expedite the approval process for serving the treated water for potable purposes. The treated groundwater will be discharged into Big Dalton Wash (Latitude 34° 05' 36", Longitude 117° 56' 32"), thence to the San Gabriel River, a water of the United States. See Figures 1 and 2 for the site location and schematic of waste flow diagram, respectively.

FREQUENCY OF DISCHARGE

The discharge is projected to begin in April 2003 and will occur sporadically during an approximately 30-day to six-month period. After the testing period, the treated groundwater will be used for potable purposes.

REUSE OF WATER

There are no feasible reuse options because of the large volume of water that will be discharged over a short period of time. Therefore, the wastewater will be discharged to the Big Dalton Wash.