

**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
CITY OF MONTEREY PARK
(DELTA PLANT)**

**NPDES NO. CAG914001
CI-8584**

PROJECT LOCATION

Delta Plant
2657 Delta Avenue
Rosemead, CA 91770

FACILITY MAILING ADDRESS

City of Monterey Park
320 West Newmark Avenue
Monterey Park, CA 91754

PROJECT DESCRIPTION

City of Monterey Park (City) operates five active and six inactive wells. Volatile organic compounds (VOC), primarily tetrachloroethylene, have been detected in all eleven wells. The City proposes to install and operate two groundwater treatment facilities at Delta Plant located on 2657 Delta Avenue in Rosemead as an immediate remedy for the source of water supply. Treatment Facility No. 1 is designed to remove VOC from groundwater produced from City Wells No. 1, 3, and 10. This VOC treatment facility consists of twelve liquid-phase granular activated carbon (GAC) with an on-line nitrate analyzer to continuously monitor nitrate concentration in the treated water. Groundwater from City Wells No. 9, 12, and 15 will be treated for VOC using an air stripper at an existing treatment facility located at 8815 Klingerman Street in Rosemead. Then the treated VOC groundwater will be piped into a Treatment Facility No. 2 to remove perchlorate using a series of ion exchange vessels. The City proposes to discharge treated groundwater during startup testing of the facility into the Alhambra Wash.

VOLUME AND DESCRIPTION OF DISCHARGE

The City proposes to discharge up to 5.5 million gallons per day of treated groundwater from the Treatment Facility No. 1, and up to 6.5 million gallons per day of treated groundwater from the Treatment Facility No. 2 during the startup testing periods. The discharge from the two treatment facilities will not occur simultaneously. The high discharge rate 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. Results of the start-up testing will be provided to the DHS in anticipation of receiving a permit to provide the treated water to the City's customers.

The treated groundwater will be discharged into the Alhambra Wash (Latitude 34° 03' 38", Longitude 118° 05' 08"), thence to the Rio Hondo 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 period is dependent upon DHS's approval of the treatment process. It is anticipated that the schedule for each of the two treatment facilities will encompass approximately two weeks. After the testing period, the treated groundwater will be distributed to the City's customers 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 Alhambra Wash.