

**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
THE CITY OF ARCADIA
(Anoakia Water Supply Well)**

**NPDES NO. CAG994001
CI NO. 8218**

PROJECT LOCATION

West End of Anoakia Lane (a cul-de-sac)
Arcadia, CA 91066

FACILITY MAILING ADDRESS

P.O. Box 60021
Arcadia, CA 91066

PROJECT DESCRIPTION

The City of Arcadia proposes to construct a municipal water supply well on a triangular piece of property located adjacent to Anoakia Lane in Arcadia, California. The well will be constructed with 18-inch diameter casing and may extend to a depth of 1,000 feet. Groundwater will be discharged during the construction and testing process.

VOLUME AND DESCRIPTION OF DISCHARGE

The City of Arcadia will discharge up to 1 million gallon per day (1MGD) of groundwater during the well construction and testing process: during isolating zone aquifer testing, filling of the annular space with filter pack and concrete, and development of the well by air-lifting and pumping. However, the flow rate during aquifer testing may reach a maximum discharge rate of 3.0 MGD for a maximum of 48 hours. The groundwater will be stored temporarily in storage tanks that are connected in series, to remove fine sediments during the construction and testing process but not during aquifer testing period. The aquifer/pumping test will include a step drawdown test and a constant rate test. During these testing activities, the groundwater will be discharged to the Arcadia Wash, an open box flood control channel located at Outfall point, OF-001 (Latitude 33° 52' 13", Longitude 118° 9' 42") (Figures 1 and 2 attached) and will flow to the Rio Hondo then to the Los Angeles River, a water of the United States.

FREQUENCY OF DISCHARGE

The City of Arcadia will discharge the groundwater between January and March 2001, for periods of up to four days continuously at rates of about 0.2 MGD to 3 MGD.

REUSE OF WATER

Based on the surrounding land use and the nature of the project, reuse of the groundwater for construction or other uses is not feasible; therefore, the wastewater will be discharged to the flood control channel.