

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
U.S. GEOLOGICAL SURVEY – LOS ANGELES BASIN
NPDES NO. CAG994002
CI-8336

PROJECT LOCATION

Los Angeles Coastal Hydrologic Basin
Ballona Creek Watershed, California

FACILITY MAILING ADDRESS

5735 Kearny Villa Road, Suite "O"
San Diego, CA 92123
Contact: Michael T. Land

PROJECT DESCRIPTION

The U.S. Geological Survey (USGS), in cooperation with the Water Replenishment District of Southern California, is currently studying the geology, hydrology, and geochemistry of the Los Angeles Coastal Hydrologic basin in Los Angeles County. The purpose of the work is to characterize the regional groundwater flow system in order to provide an improved basis for evaluating groundwater issues related to management, replenishment, and protection. The USGS proposes to discharge groundwater associated with construction, development, and purging of monitoring wells in Ballona Creek Watershed.

VOLUME AND DESCRIPTION OF DISCHARGE

The USGS proposes to discharge up to 1,000 gallons per day of groundwater from four existing monitoring wells (and an additional four to six monitoring wells in the next two years) in the Ballona Creek Watershed. A field portable granular-activated charcoal treatment system or other appropriate treatment will be used, when necessary, to remove volatile organic compounds or other contaminants prior to discharge. See Figure 1 for a schematic flow diagram. The groundwater will be discharged through an existing storm drain located at Outfall No. 1 (Latitude 33° 58' 01", Longitude 118° 22' 32") and will flow to Ballona Creek, a water of the United States. See Table 1 for the monitoring well identifications and Figure 2 for site location.

FREQUENCY OF DISCHARGE

The discharge will be intermittent during construction, development, and monitoring of the wells for about five years. The discharge is proposed to begin in January 2002. Sampling at each monitoring well is proposed to be conducted one to two days between the months of October-November and April-May. As the study progresses, it is anticipated that some of the monitoring sites may only require annual, or less frequent, sampling.

REUSE OF WATER

The discharge of groundwater from the project site into an existing distribution system or recycling facility is not cost-effective. Therefore, reuse is not feasible, and the wastewater will be discharged to the storm drain.