

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
CALIFORNIA DEPARTMENT OF TRANSPORTATION
(ROUTE 105 DEWATERING SYSTEM)

NPDES NO. CAG914001
CI-8068

FACILITY ADDRESS

Garfield, Downey, and Ardis Avenue
Paramount and Downey, California

FACILITY MAILING ADDRESS

120 South Spring Street
Los Angeles, CA 90012

PROJECT DESCRIPTION:

California Department of Transportation (Caltrans) discharges wastewater from permanent groundwater dewatering systems located along Route 105 freeway. Dewatering operation is necessary to prevent pressure buildup beneath the freeway pavement caused by rising groundwater and to preserve the integrity of Route 105 freeway. The pump-houses are located at the following stations:

Dewatering Station	Location	Dewatering Wells
Garfield Pump-house	Garfield Avenue, Paramount	Well 1D1-1D13
Downey Pump-house	Downey Avenue, Downey	Well 2D1-2D2
Ardis Pump-house	Ardis Avenue, Downey	Well 3D1-3D2

Garfield pump-house is the only active groundwater dewatering station. The station is equipped with granular activated carbon beds to remove organic contaminants from the groundwater. The Downey and Ardis pump-houses are not active dewatering stations and are not equipped with treatment systems. These pump-houses are on standby mode and will be activated only if the groundwater rises to the lower edge of the road pavement. If dewatering operation is necessary, these two pump-houses will be equipped with a treatment system to remove contaminants from the pumped groundwater before discharge to the storm drains.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 2.68 million gallons per day of treated groundwater will be discharged into the storm water catch basin located at the following stations:

Pumphouse	Latitude	Longitude	Receiving Water
Garfield	33° 54' 42"	118° 09' 56"	Los Angeles River
Downey	33° 54' 43"	118° 09' 15"	Los Angeles River
Ardis	33° 54' 52"	118° 07' 22"	Los Angeles River

The discharge flows to Los Angeles River, a water of the United States. The site location map and flow schematic diagram are shown in Figures 1 and 2, respectively.

FREQUENCY OF DISCHARGE:

The discharge of treated groundwater will be intermittent.

REUSE OF WATER:

Discharge to the sewer is not feasible because of high cost of sewer connection. Due to intermittent flow and the inability to transport the wastewater economically for reuse, the groundwater will be discharged to the storm drain.