

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
LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
(West Coast Basin Barrier Project, Unit 6)
NPDES NO. CAG994005
CI-6097

FACILITY LOCATION

Prospect Avenue
Redondo Beach, CA 90278

FACILITY MAILING ADDRESS

900 S. Fremont Avenue
Alhambra, CA 91803-1331

PROJECT DESCRIPTION

The Los Angeles County Department of Public Works (LADPW) injects freshwater into the local drinking water aquifers to prevent seawater intrusion. LADPW periodically redevelops the injection wells and discharges the wastewater to the storm drain. Project Unit 6 is located at Prospect Avenue in City of Redondo Beach. Well redevelopment water is stored in a 1,500 gallon capacity settling tank then transferred into a 5,000 gallon tank for final clarification and settling to remove solids and floating materials prior to discharge.

VOLUME AND DESCRIPTION OF DISCHARGE

LADPW conducts the well redevelopment approximately once every two years. Discharge during the well redevelopment typically lasts one to two weeks. Up to 144,000 gallons of groundwater is discharged to two storm drain outfalls. Outfall No. 01 and No. 02 are located at (Latitude 33°50' 44", Longitude 118° 22'51"), and (Latitude 33°50' 35", Longitude 118° 22'50"), respectively. Discharge is to the L.A. County Flood Control Channel, thence to a coastal stream of the Pacific Ocean, a water of the United States. The site location and waste flow diagram are shown as Figures 1 & 2.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data did not show reasonable potential for toxics to exist in groundwater above the Screening Levels for Potential Pollutants of Concern in Potable Groundwater in Attachment A. Therefore, the effluent limits for toxic compounds in Section E.2. are not applicable to the discharge. The discharge flows to a coastal stream of the Pacific Ocean; therefore, the discharge limitations in Attachment B are not applicable to the discharge.

This table lists the specific constituents and effluent limitations applicable to the discharge.

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD ₅ 20°C	mg/L	30	20
Settleable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	---

FREQUENCY OF DISCHARGE

The intermittent discharge occurs approximately once every two years.

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 groundwater will be discharged to the stormdrain.