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 3 & 4)
NPDES NO. CAG994005
CI-6094

FACILITY LOCATION
Valley Drive
Manhattan Beach, CA

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 3 & 4 are located at Valley Drive in City of Manhattan 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 last one to two weeks. Up to 144,000 gallons of groundwater is discharged to various storm drain outfalls.

Outfall	Latitude	Longitude	Receiving Waterbody
#1	33°53'11"	118°24'33"	Pacific Ocean
#2	33°52'27"	118°23'53"	Pacific Ocean
#3	33°52'11"	118°23'47"	Pacific Ocean
#4	33º 51'05"	118º 23'44"	Pacific Ocean
#5	33º 51'57"	118º 23'40"	Pacific Ocean
#6	33º 51'56"	118º 23'27"	Pacific Ocean
#7	33º 51"04"	118º 23'27"	Pacific Ocean

Discharge to the storm drains flow to the 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.