

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
LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
ALAMITOS BARRIER PROJECT**

**NPDES NO. CAG994005
CI-9018**

FACILITY ADDRESS

6801 2nd Street
Long Beach, CA 90803

FACILITY MAILING ADDRESS

12621 East 16th Street
Cerritos, California 90703

PROJECT DESCRIPTION:

Los Angeles County Department of Public Works (Discharger) proposes to discharge groundwater generated from quarterly purging and sampling of potable water supply monitoring wells at the Alamitos Barrier Project. This project is being operated by Water Replenishment District of Southern California (Operator). Four groundwater monitoring wells are located in the vicinity of the Alamitos Seawater Intrusion Barrier Project in the City of Long Beach. The locations of the active wells are shown in Figure 1.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 4,800 gallons of groundwater will be discharged each quarter to Alamitos Channel, thence to San Gabriel River, a water of the United States. The following table shows the description of discharge and outfall locations for the wells.

Outfall Number (Well Location)	Latitude	Longitude	Receiving Water
100242 (34HJ)	33° 46' 16"	118° 5' 39"	San Gabriel River via Los Alamitos Channel
100243 (34HJ)	33° 46' 15"	118° 5' 39"	San Gabriel River via Los Alamitos Channel
100257 (34LS)	33° 46' 3"	118° 5' 33"	San Gabriel River via Los Alamitos Channel
100258 (34LS)	33° 46' 3"	118° 5' 33"	San Gabriel River via Los Alamitos Channel

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data does not show reasonable potential for toxics to exist in groundwater above the screening levels for *Potential Pollutants of Concern in Potable Groundwater*. Discharge from the project drains to San Gabriel River via Los Alamitos

Channel - between Firestone Blvd. and San Gabriel River Estuary (downstream from Willow Street); therefore, the discharge limitations in Attachment B.8.f of Order No. R4-2003-0108 are not applicable to your 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 discharge will be intermittent.

REUSE OF WATER:

Offsite disposal of the discharge is not feasible due to the high cost of disposal. The property and the areas in the immediate vicinity receive recycled water for landscape irrigation. Since there are no feasible reuse options, the groundwater will be discharged to the surface waterbody in accordance with the attached Order.