

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
WATER REPLENISHMENT DISTRICT OF SOUTHERN CALIFORNIA
(Dominguez Gap Barrier Project,
Quarterly Monitoring Wells Sampling Event)
ORDER NO. R4-2003-0108 (SERIES NO. 9041)
NPDES NO. CAG994005
CI-9041

FACILITATION LOCATION

125 W. E Street, Wilmington, CA 90744
1000 N. Henry Ford Ave., Wilmington, CA 90744
2160 E. Sepulveda Blvd., Carson, CA 90502

FACILITY MAILING ADDRESS

12621 East 166 th Street
Cerritos, CA 90703

PROJECT DESCRIPTION

Water Replenishment District of Southern California (WRD) proposes to conduct quarterly sampling of six monitoring wells at the Dominguez Gap Barrier Project. The wells and locations are : Well No. 332J, 125 W. E Street, Wilmington; Wells No. 351F and No. 351G, 1000 N. Henry Ford Avenue, Wilmington; Wells No. 879WW, No. 879XX, and No. 879VV, 2160 E. Sepulveda Blvd., Carson. Up to 2,200 gallons per day (gpd) of groundwater will be discharged during the 2-days sampling period from each well. Wastewater generated during the quarterly sampling events will be analyzed before discharge to the storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE

It is estimated that up to 2,200 gpd of groundwater per well will be discharged to the following storm drains outfalls :

Well Number	Outfall	Latitude	Longitude
332J	101202	33° 43'32"	118° 15'43"
351F, 351G	101220	33° 47'06"	118° 14'28"
879WW, 879XX, & 879V V	101451	33° 48'01"	118° 13'39"

All outfalls drain to Dominguez Channel, a water of the United States. The site location map is shown as Figure 1.

March 6, 2006

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents in the Table below have been determined to show reasonable potential to exist in the discharge. The groundwater discharged from the project flows into Dominguez Channel. Therefore, the discharge limitations specified 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
Oil and Grease	mg/L	15	10
Settleable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---

FREQUENCY OF DISCHARGE

The intermittent discharge of groundwater will commence in May 2006.

REUSE OF WATER

It is not economically feasible to haul all the groundwater for off-site disposal. It is not feasible to discharge the water to the sanitary sewer system. There are no other feasible reuse options for the discharge. The groundwater will be discharged to the storm drains in compliance with the requirements of the attached order.

Water Replenishment District of Southern California
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