

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
SAN GABRIEL COUNTY WATER DISTRICT**

**NPDES NO. CAG994005
CI-8976**

FACILITY ADDRESS

8366 Grand Avenue
Rosemead, California 91770

FACILITY MAILING ADDRESS

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Rosemead, California 91770

PROJECT DESCRIPTION:

San Gabriel County Water District (District) owns and operates drinking water production and distribution system in the City of Rosemead. The District has five active wells (Wells No. 7, 9, 11, 12, and 14) in the Main San Gabriel Basin. The locations of the active wells are shown in Figure 1.

All the District's active wells pump potable water directly into the distribution system except well No.7, which pumps to one of the District's reservoirs. The District anticipates the need to discharge well redevelopment water and potable water from its active wells during pump startups.

Potable groundwater from Wells No. 9, 11, and 12 will be discharged to concrete lined portion of the Rubio Wash, and groundwater from Well No. 14 will be discharged to concrete lined portion of Alhambra Wash.

VOLUME AND DESCRIPTION OF DISCHARGE:

The following Table shows the description of discharge and outfall locations for the wells. Groundwater will be discharged during well redevelopment and pump startup.

Outfall	Well	Discharge Flow gpm	Latitude	Longitude	Receiving Water
D1	7	1,200	34°6' 56"	118°6' 4"	Rubio Wash
D2	9	1,600	34°6' 17"	118°5' 31"	Rubio Wash
D3	11	1,900	34°5' 30"	118°5' 12"	Rubio Wash
D4	12	2,300	34°5' 25"	118°5' 11"	Rubio Wash
D5	14	2,300	34°4' 41"	118°5' 60"	Alhambra Wash

The discharge from both the Rubio Wash and the Alhambra Wash flow to Rio Hondo River (Whittier Narrows Flood Control Basin), a water of the United States.

January 18, 2006

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*. The discharge flows into Rio Hondo (Whittier Narrows Flood Control Basin) therefore, the discharge limitations in Attachment B.7.g are 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	---
Total Dissolved Solids	mg/L	750	---
Sulfate	mg/L	300	---
Chloride	mg/L	180	---
(Nitrate + Nitrite) - Nitrogen	mg/L	8	---

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 compliance with the requirements of the attached Order.