

**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
SOUTHERN CALIFORNIA WATER COMPANY
(MASSINGER PLANT)**

CI-8900

FACILITY ADDRESS

11502 Massinger Street
Lakewood, CA 90715

FACILITY MAILING ADDRESS

12035 Burke Street, Suite 1
Santa Fe Springs, CA 90670

PROJECT DESCRIPTION:

Southern California Water Company (SCWC) proposes to discharge backwash water from a potable water supply treatment plant located at 11502 Massinger Street, Lakewood. The SCWC Massinger Plant consists of a treatment system for the removal of iron, manganese and arsenic from groundwater. The groundwater will be passed through six pressure filters containing pyrolusite media and four filters of granular ferric hydroxide (GFH) for adsorption/filtration. The treatment filters are backwashed daily and the backwash water is discharged to the storm drain. The treated water will be used for potable supply.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 22,000 gallons per day of backwash water will be discharged into the storm drain located at Massinger Street (Latitude 33° 50' 18", Longitude 118° 05' 08"). The discharge from the storm drain flows into Coyote Creek, thence into the San Gabriel River, a water of the United States. The site location map and waste flow are shown in Figures 1 and 2.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed on the Table below have been determined to show reasonable potential to exist in the discharge. The discharge flows into the San Gabriel River that has designated beneficial use of MUN (Potential). The effluent limitations in Attachment B are not applicable to your discharge.

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Arsenic		50	50
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
Settable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	
Residual Chlorine	mg/L	0.1	
Methylene Blue Active Substances (MBAS)	mg/L	0.5	

FREQUENCY OF DISCHARGE:

The discharge will be intermittent.

REUSE OF WATER:

Due to lack of landscaping area at the site and inability to economically transport the water for reuse, an alternative method of disposal is not feasible. Therefore, the backwash water will be discharged to the storm drain.