

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**

**GRIFFITH COMPANY
(BREA CANYON ROAD GRADE SEPARATION PROJECT)**

**(ORDER NO. R4-2003-0111, SERIES NO. 190)
(NPDES NO. CAG994004)**

CI-9179

FACILITY ADDRESS

520 S. Brea Canyon Drive
City of Industry, CA 91789

FACILITY MAILING ADDRESS

2200 Bloomfield Avenue
Santa Fe Springs, CA 90670

PROJECT DESCRIPTION:

The Griffith Company, proposes to discharge groundwater generated from the construction of Road Grade Separation Project at 520 S. Brea Canyon Drive, City of Industry. Dewatering will be necessary during construction. The construction dewatering project will be completed within six months. A desilting tank will be installed to allow sediment to settle out before discharging. Metals removal will be achieved through chemical coagulation, settlement and clarification. The treated water will then be passed through polishing filters before the discharge.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 350,000 gallons per day (gpd) of groundwater will be discharged into the storm drain located along Brea Canyon Road and Spanish Lane (Latitude: 34° 00' 47", Longitude: 117° 50' 48"). The discharge from the storm drain flows into San Jose Creek, thence into the San Gabriel River, a water of the United States. The site location map and process flow diagrams are shown in Figures 1 and 2, respectively.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data showed reasonable potential for toxics to exist in groundwater above the Screening Levels for Potential Pollutants of concern in your discharge. The construction dewatering discharge flows into the San Jose Creek. Therefore, the discharge limitations under the "Other Waters" column apply to your discharge. The discharge limitations in Attachment B.8.d. of the Order No. R4-2003-0111 is applicable to your discharge.

October 2, 2006

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Copper	µg/L	44.4	22.1
Total Dissolved Solids	mg/L	750	
Sulfate	mg/L	300	
Chloride	mg/L	180	
Boron	mg/L	1.0	
Nitrogen ¹	mg/L	8	
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 discharge of groundwater will be intermittent and will last approximately six months.

REUSE OF WATER:

Water reuse alternatives and its applicability were evaluated. A small volume of the groundwater will be used for dust control and soil compaction within the project area. The majority of the groundwater will be discharged into the San Jose Creek.

¹ Nitrate-nitrogen plus nitrite nitrogen.