

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**

**CITY OF SANTA CLARITA
(Segment A of South River Trail Repair Project)
NPDES NO. CAG994004
CI-9151**

FACILITY ADDRESS

South River Trail along Santa Clara River
South Bank, Santa Clarita, CA 91355

FACILITY MAILING ADDRESS

23920 Valencia Boulevard, Suite 300
Santa Clarita, CA 91355

PROJECT DESCRIPTION:

The City of Santa Clarita (The City) proposes to discharge groundwater generated during construction to repair the South River Trail along the South Bank of the Santa Clara River. Approximately 2.5 million gallons per day of groundwater will be discharged during the short-term construction project and will be completed within four months. A desilting tank will be installed to allow sediment to settle out before the groundwater is discharged. The high rate of discharge is necessary because the construction project is being conducted within the bank of Santa Clara River. Treatment may be necessary to ensure that the concentration of copper and lead in the discharge remains below the effluent limitation.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 2.5 million gallons per day of groundwater will be discharged into the Santa Clara River at Latitude 34° 29' 42", Longitude 118° 21' 21", waters of the United States. Should the construction project for this segment last past six months, then the discharge rate will be limited to no greater than 1.0 mgd. The site location map and a process flow diagram are shown in Figures 1 and 2.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements and previous monitoring reports, the following constituents listed in the Table below have been determined to show reasonable potential to exist in your discharge. The discharge of groundwater flows into the Santa Clara River (between Lang Gaging Station and Bouquet Canyon Road Bridge). This stream reach of the Santa Clara River is designated as MUN (Existing) beneficial use. The groundwater discharge flows into the Santa Clara River (between Bouquet Canyon Road Bridge and West Pier Highway 99), therefore the limitations in Attachment B.3.c. of Order No. R4-2003-0111 are applicable to your discharge.

August 23, 2006

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Copper	mg/L	44.4	22.1
Lead	mg/L	25.6	12.8
Chromium	mg/L	50	
Total Dissolved Solids	mg/L	1000	
Sulfate	mg/L	300	
Chloride	mg/L	100	
Boron	mg/L	1.5	
Nitrogen ¹	mg/L	10	
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	

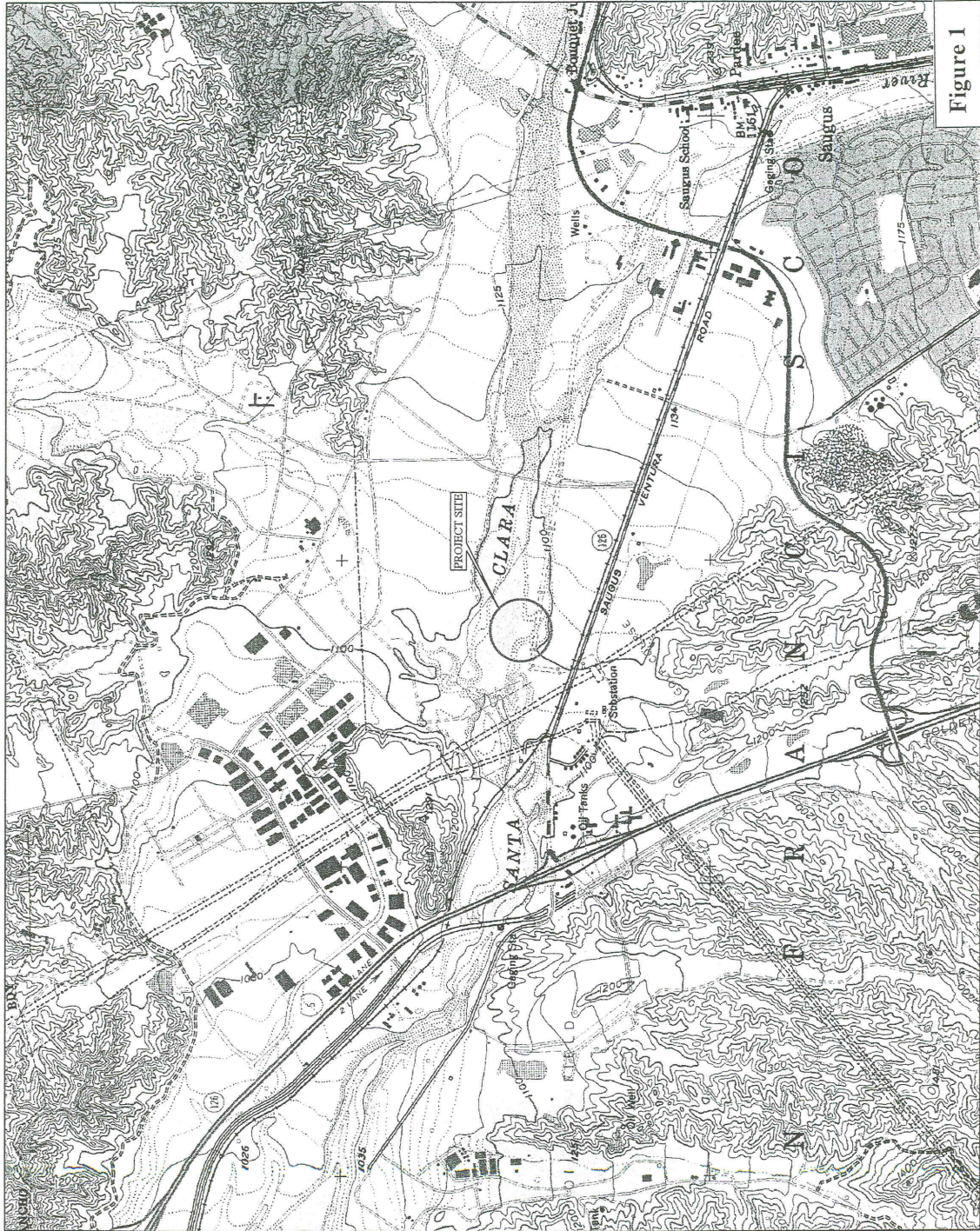
FREQUENCY OF DISCHARGE:

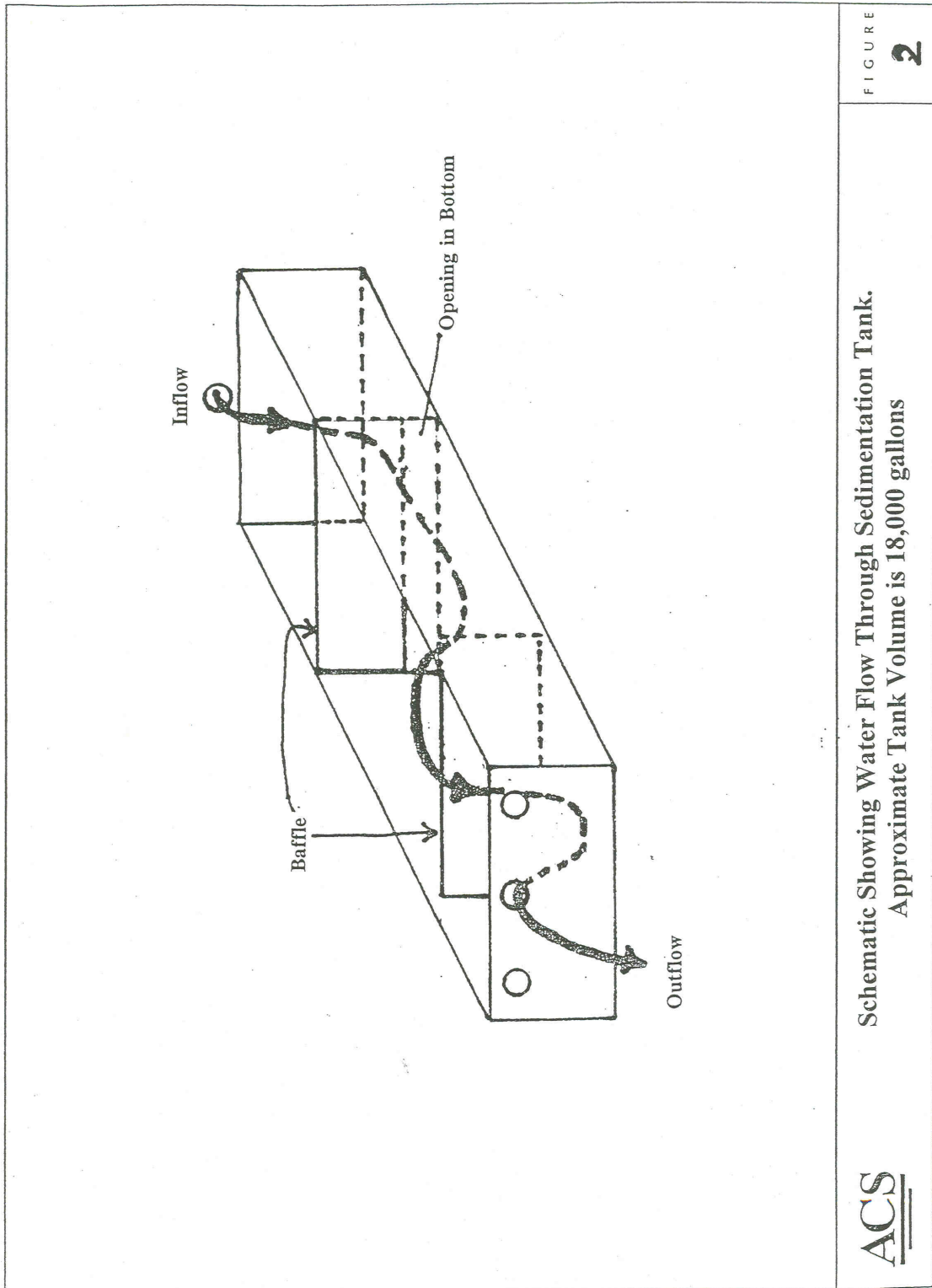
The intermittent discharge of groundwater will be completed in approximately four months.

REUSE OF WATER:

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 to the Santa Clara River in compliance with the requirements of the attached order.

¹ Nitrate-nitrogen plus nitrite nitrogen.





Schematic Showing Water Flow Through Sedimentation Tank.
Approximate Tank Volume is 18,000 gallons



FIGURE
2