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-DEPARTMENT OF PUBLIC WORKS (SEGMENT A OF SAN FRANCISQUITO CANYON CREEK TRAIL REPAIR PROJECT)

ORDER NO. R4-2003-0111, SERIES NO. 168)
(NPDES NO. CAG994004)

CI-9158

FACILITY ADDRESS
San Francisquito Canyon Creek
East Bank
Santa Clarita, CA

FACILITY MAILING ADDRESS
23920 Valencia Boulevard, Suite 300
Santa Clarita, CA 91355

PROJECT DESCRIPTION:

City of Santa Clarita, Department of Public Works (The City) proposes to discharge groundwater generated during construction to restore public hiking trail that was damaged during the winter storm of 2004/2005. The project is located on the banks of San Francisquito Canyon Creek, in the City Santa Clarita. Approximately 2.5 million gallons per day of groundwater will be discharged during the short-term construction project and it will be completed within four months. The high rate of discharge is necessary because the construction project is being conducted within the bank of the San Francisquito Canyon Creek. A desilting tank will be installed to allow sediment to settle out before the groundwater is discharged. Treatment may be necessary to ensure that the concentration of copper in the discharge remains below the effluent limitation. Should the construction dewatering component of this project last past six months, then the discharge will be limited to no greater than 1.0 mgd.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 2.5 million gallons per day of groundwater will be discharged into San Francisquito Canyon Creek (Latitude: 34° 25' 15", Longitude: 118° 22' 51"). The discharge flows into the Santa Clara River (between Bouquet Canyon Road Bridge and West Pier Highway 99), water of the United States. The site location map shown in Figure 1.

August 23, 2006

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 Bouquet Canyon Road Bridge and West Pier Highway 99). This stream reach of the Santa Clara River is designated as MUN (Intermittent) beneficial use. Therefore the limitations in Attachment B.3.c. of Order No. R4-2003-0111 is applicable to your discharge.

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Copper	µg/L	44.4	22.1
Lead	µg/L	25.6	12.8
Total Dissolved Solids	mg/L	1000	
Sulfate	mg/L	300	
Chloride	mg/L	1100	
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 discharge of groundwater will be intermittent.

REUSE OF WATER:

Water reuse alternatives and their 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 to the Santa Clara River in compliance with the attached Order.

[1] Nitrate-nitrogen plus nitrite nitrogen.