

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

**REVISED FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR**

**CITY OF SANTA CLARITA
(MAGIC MOUNTAIN PARKWAY / I-5 OUTLET PROJECT - SEGMENT A)**

**ORDER NO. R4-2003-0111
(NPDES NO. CAG994004 SERIES NO. 168)
CI-9155**

FACILITY ADDRESS

Magic Mountain Parkway /
I-5 Outlet Project - Segment A
Santa Clarita, CA 91355

FACILITY MAILING ADDRESS

City of Santa Clarita
23920 Valencia Blvd., Suite 300
Santa Clarita, CA 91355

PROJECT DESCRIPTION:

City of Santa Clarita proposes to discharge groundwater generated during construction of a cement concrete box culvert to convey storm water that empties into Santa Clara River. The project is located at Magic Mountain Parkway / Interstate-5 and Santa Clara River in the City of Santa Clarita. 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. Approximately 2.5 million gallons per day of groundwater will be discharged during the construction project. The high rate of discharge is necessary because the construction project is being conducted within the bank of the Santa Clara River. Should the construction dewatering component of this project last past six months from the date of approval of the authorization letter, then the discharge will be limited to no greater than 1.0 mgd.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 2.5 million gallons per day of groundwater will be discharged during the construction project and will be completed within next three months period. The discharge point is located at northwest corner of the proposed outlet structure, between Old Road Bridge and Feedmill Road within the riverbed of Santa Clara River (outfall Latitude 118°35'13", Longitude 34°25'35"), a water of the United States. The site location map of Segment A of the project is shown in Figure 1 and treatment schematic is shown in Figure 2 and Figure 3.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, 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 to Santa Clara River between Bouquet Canyon Road Bridge and West Pier Highway 99. The discharge has been determined to satisfy the provisions for creekside dewatering, therefore the discharge limitations in Attachment B.3.c. of Order No. R4-2003-0111 are not applicable to the discharge, except for boron and nitrogen. This stream reach of the Santa Clara River is designated as MUN (intermittent) beneficial use.

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
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	---
Nitrogen ¹	mg/L	10	---
Boron	mg/L	1.5	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---
Copper	µg/L	44.4	22.1

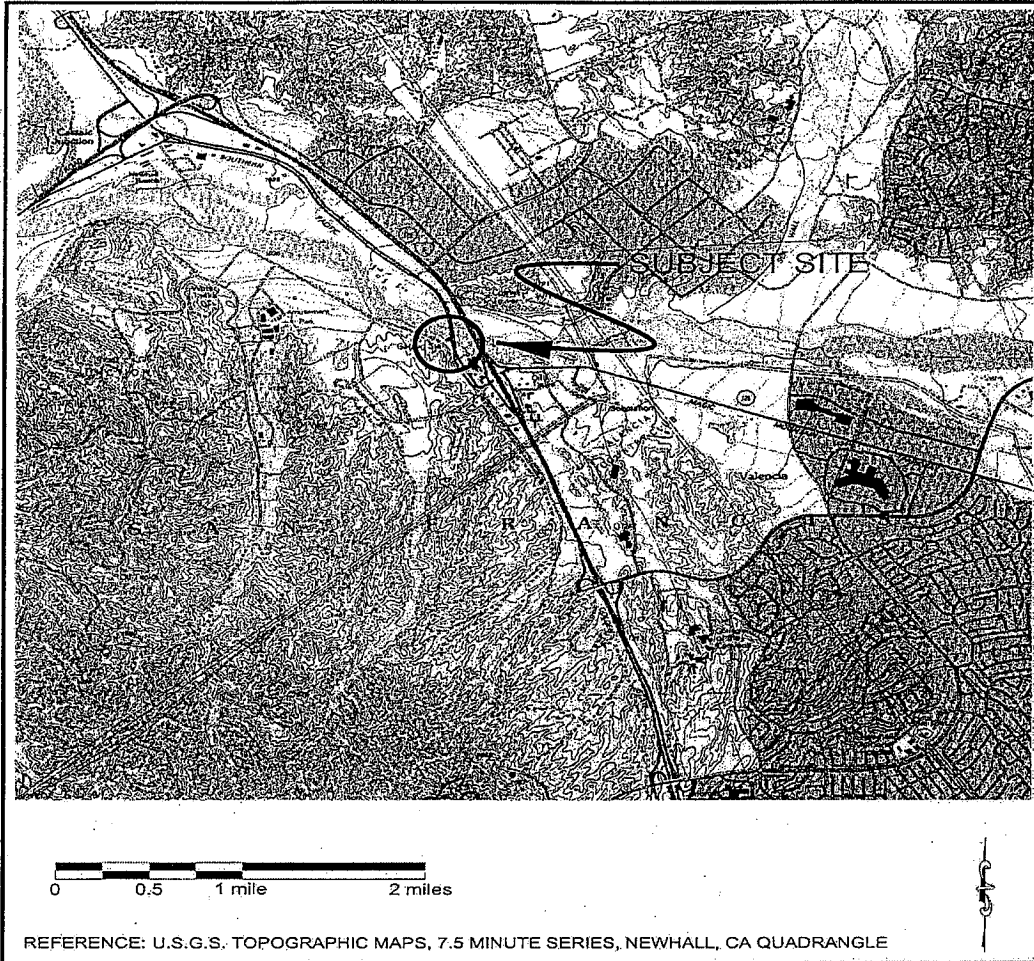
FREQUENCY OF DISCHARGE:

The discharge of groundwater will be intermittent.

REUSE OF WATER:

It is not economically feasible to haul the groundwater for off-site disposal. The subject site lacks sufficient landscaped area for irrigation. Since there are no other feasible reuse options, groundwater generated from the construction project will be discharged in compliance with the attached Order.

¹ Nitrate-nitrogen plus nitrite-nitrogen (NO₃-N + NO₂-N)



 INLAND EMPIRE, INC.		
ENVIRONMENTAL GEOTECHNICAL MATERIALS 3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504 PHONE (818) 841-8388 - FAX (818) 841-1704		
NDB		8000

VICINITY MAP		
OLD ROAD MONITORING WELL - 1 DOKKEN ENGINEERING THE OLD ROAD AND FEEDMILL ROAD SANTA CLARITA, CALIFORNIA		
AUG. 4, 2006	PROJECT NO. A8444-06-01	FIG. 1

**Location Map
 FIGURE 1**

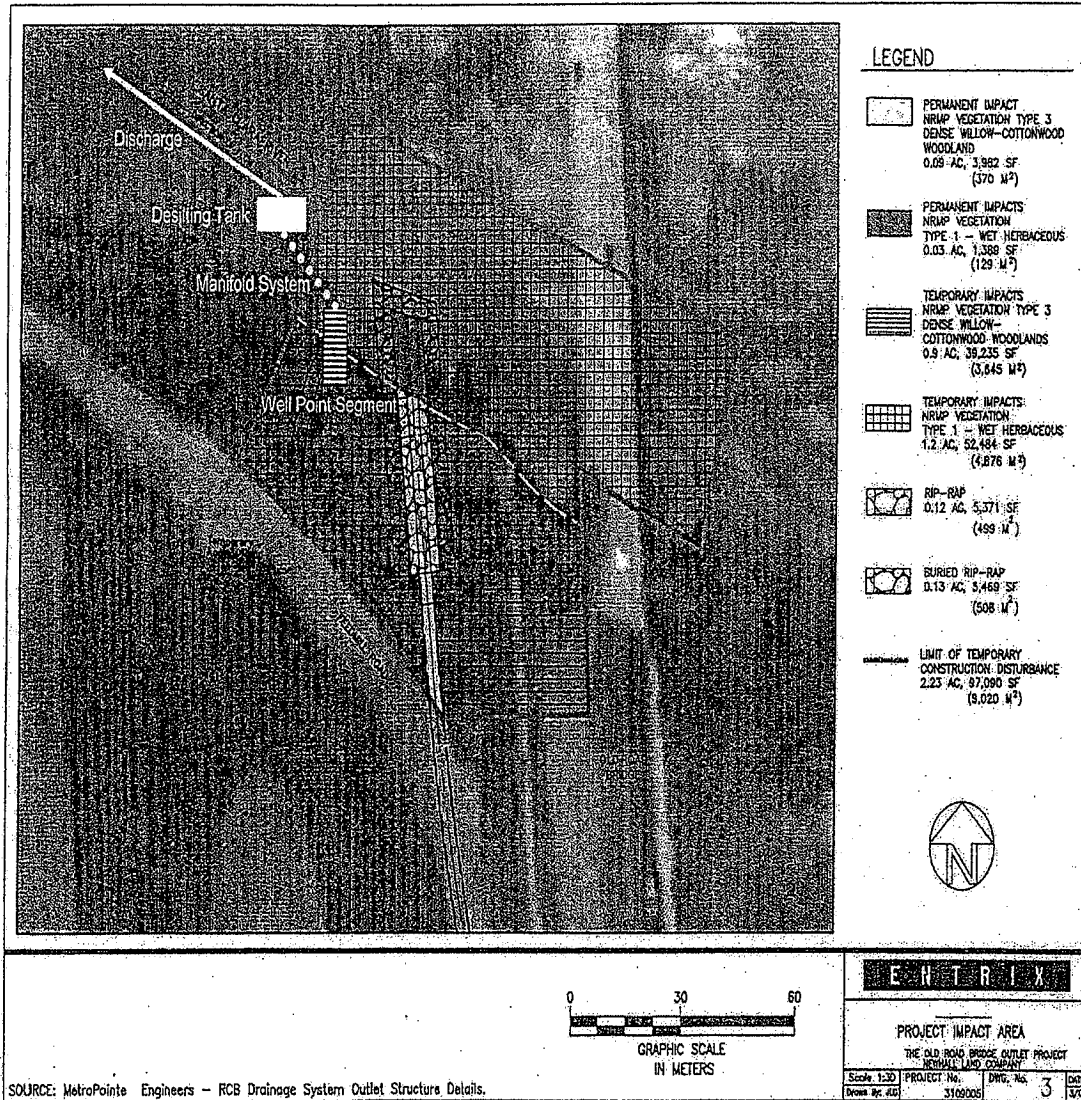
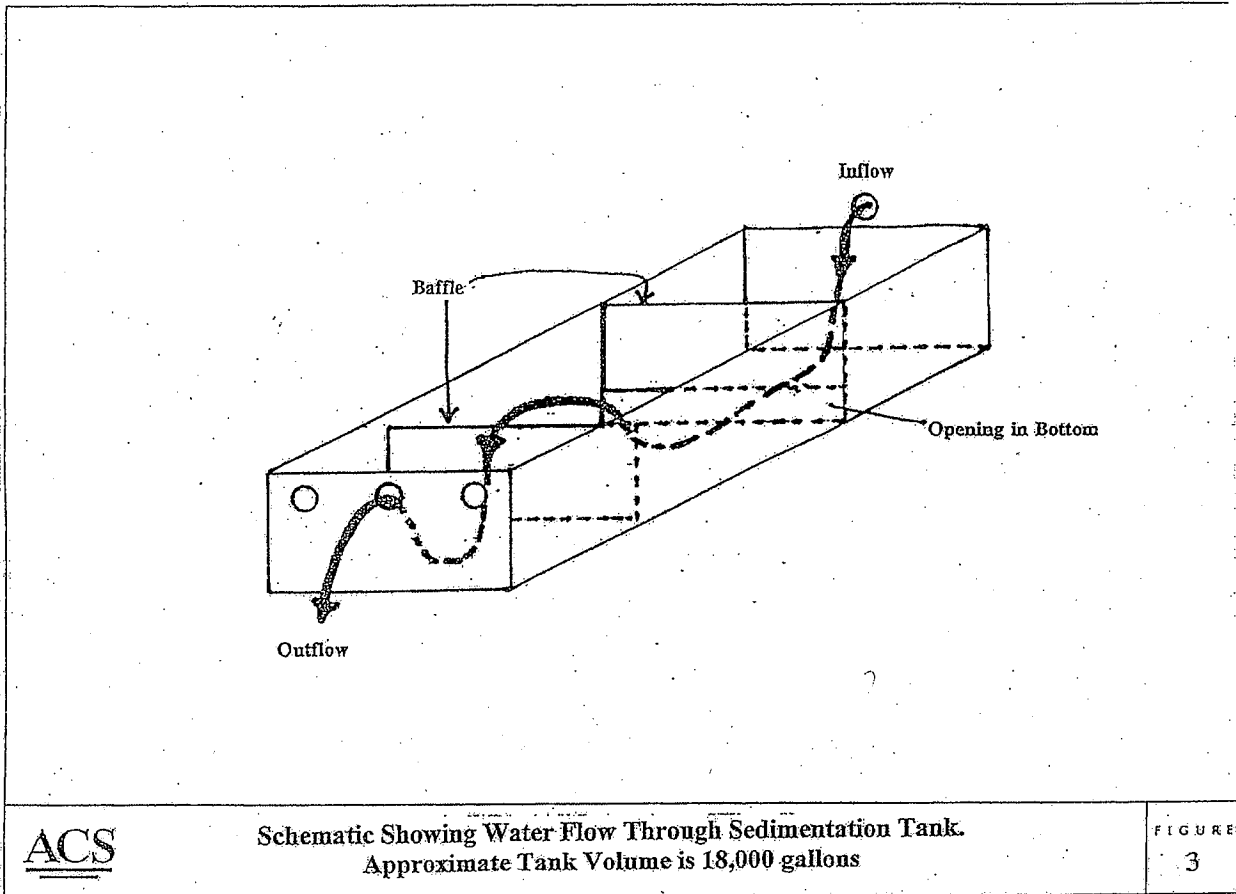


Figure 2

**Segment A of the Box Culvert Project
 FIGURE 2**



Groundwater Treatment Schematic FIGURE 3