

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

**FACT SHEET  
WASTE DISCHARGE REQUIREMENTS  
FOR**

**CALIFORNIA DEPARTMENT OF TRANSPORTATION  
(Route 5/14 HOV Connector Construction Project)**

**NPDES NO. CAG994004  
CI-9369**

**FACILITY ADDRESS**

West Sylmar Overhead at  
San Fernando Road  
Santa Clarita, CA 91342

**FACILITY MAILING ADDRESS**

100 South Main Street  
Los Angeles, CA 90012

**PROJECT DESCRIPTION:**

The California Department of Transportation (Caltrans) proposes to discharge groundwater generated during construction of a two lanes High Occupancy Vehicle (HOV) Connector for the Interstate 5 (I-5) to the State Route 14. The project is located within the Caltrans Right of Way (R/W) except for several proposed bridge footings for the West Sylmar Overhead that are located within the Railroad R/W. Dewatering activities are anticipated at the proposed bridge footings adjacent to the Los Angeles Aqueduct Creek. The estimated discharge duration is about six months.

**VOLUME AND DESCRIPTION OF DISCHARGE:**

Up to 0.82 million gallons per day (mgd) of groundwater will be discharged into the Los Angeles Aqueduct Creek at Latitude 34° 19' 39", Longitude 118° 31' 14", which drains to Bull Creek, thence to the Los Angeles River between Sepulveda Boulevard and Figueroa Street, a water of the United States. The site location map is shown in Figure 1.

**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 groundwater discharge flows into the Los Angeles River between Sepulveda Boulevard and Figueroa Street. Therefore, discharge limitations under "Other Water" column in Part V.1.a. and 1.c. of Order No. R4-2008-0032 applies. The discharge of groundwater satisfies the provisions for creekside construction dewatering operations in Order No. R4-2008-0032. Therefore the limitations in Attachment B.7.c. of Order No. R4-2003-0111 are not applicable to your discharge, except for nitrogen.

July 24, 2008

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Nitrogen <sup>1</sup>	mg/L	5	
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD <sub>5</sub> 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	
Copper	ug/L	22	11
Methylene Blue Active Substances (MBAS)	mg/L	0.5	

**FREQUENCY OF DISCHARGE:**

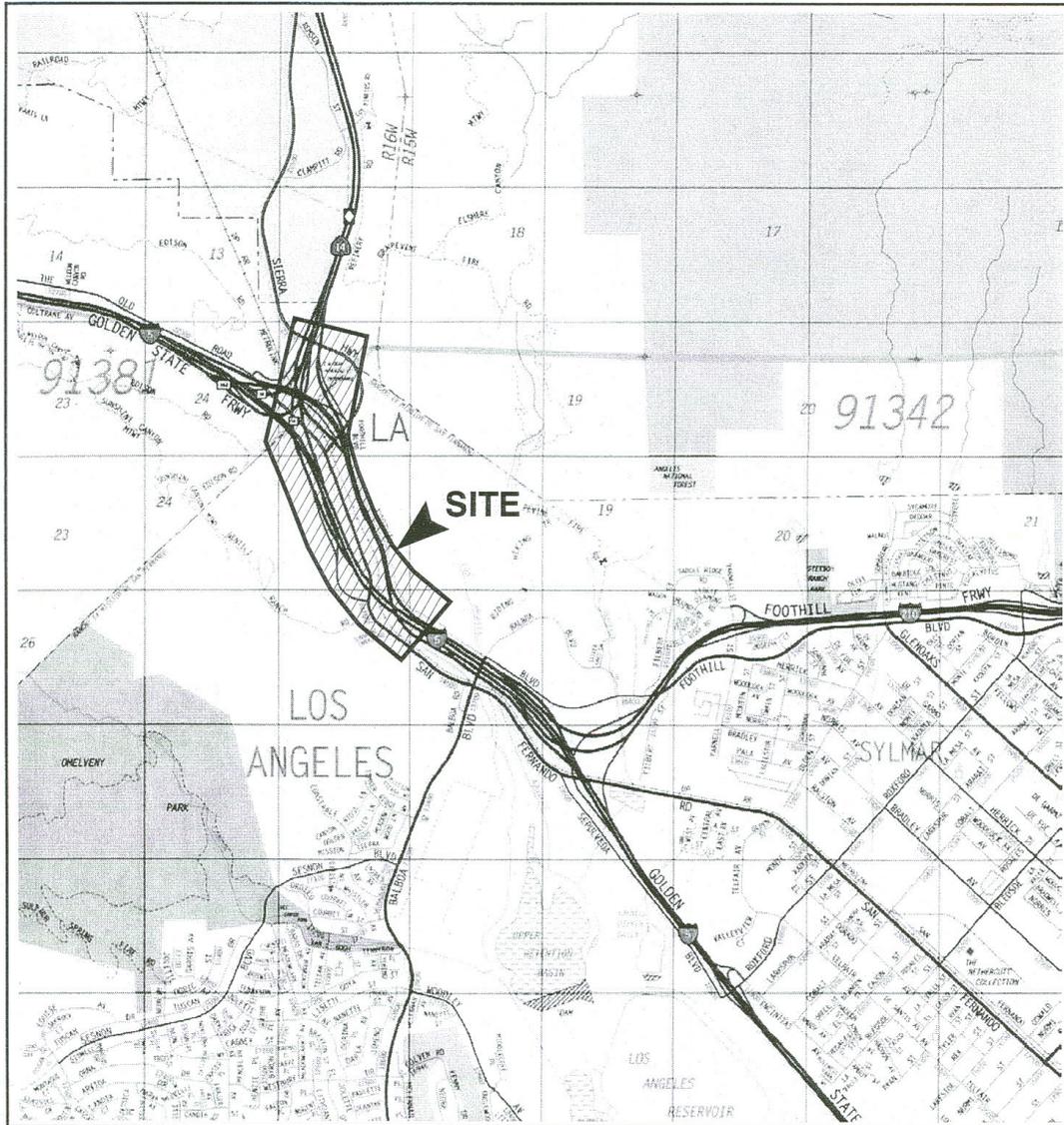
The discharge of groundwater will be intermittent and will last about six months.

**REUSE OF WATER:**

A small volume of the groundwater will be used for dust control and soil compaction within the project area. It is not economically feasible to haul all the groundwater for off-site disposal. It is not feasible to discharge the water to the sanitary sewer system. Therefore, the majority of the groundwater will be discharged to the creek in compliance with the requirements of the attached order.

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<sup>1</sup> Nitrate-nitrogen plus nitrite nitrogen.



REFERENCE: 2004 THOMAS GUIDE FOR LOS ANGELES/ORANGE COUNTIES, STREET GUIDE AND DIRECTORY

0 2800 5600

APPROXIMATE SCALE IN FEET

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE



**Ninyo & Moore**

**SITE LOCATION MAP**

FIGURE

PROJECT NO.

DATE

I-5/SR-14 HOV CONNECTOR  
 LOS ANGELES, CALIFORNIA

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