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

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
OCCIDENTAL COLLEGE
(New Residence Hall Project)
NPDES NO. CAG994004
CI-9171

FACILITY LOCATION	**FACILITY MAILING ADDRESS**
1600 Campus Road	1600 Campus Road
Los Angeles, CA 90041	Los Angeles, CA 90041

PROJECT DESCRIPTION

Occidental College is constructing a dormitory housing for student at 1600 Campus Road, Los Angeles. Dewatering is anticipated during the construction project and after construction to protect the integrity of the building structure from rising groundwater seepage. Up to 5,000 gallons per day (gpd) of groundwater will be discharged. Desilting tanks will be installed to allow sediment to settle out. Treatment may be necessary to reduce the concentration of copper in the discharge below the effluent limitation. The groundwater will be tested prior to discharge to the storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE

It is estimated that up to 5,000 gpd of groundwater will be discharged to a local storm drain at Latitude 34°07'31", Longitude 118°12'48", which flows to the Los Angeles River, a water of the United States. The site location map is shown as Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents in the Table below have been determined to show reasonable potential to exist in the discharge. The groundwater discharged from the project site flows into the Los Angeles River between Figueroa Street and Los Angeles River Estuary. Therefore, discharge limitations under "Other Water" column in Part E.1.a. and b. of the Order applies. In addition, the limitations specified in Attachment B.7.d. of Order No. R4-2003-0111 are applicable to the discharge.

September 8, 2006

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
Total Dissolved Solids	mg/L	1,500	---
Sulfate	mg/L	350	---
Chloride	mg/L	190	---
Nitrogen*	mg/L	8.0	---
Copper	ug/L	44.4	22.1
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	---

* Nitrate-nitrogen plus nitrite-nitrogen.

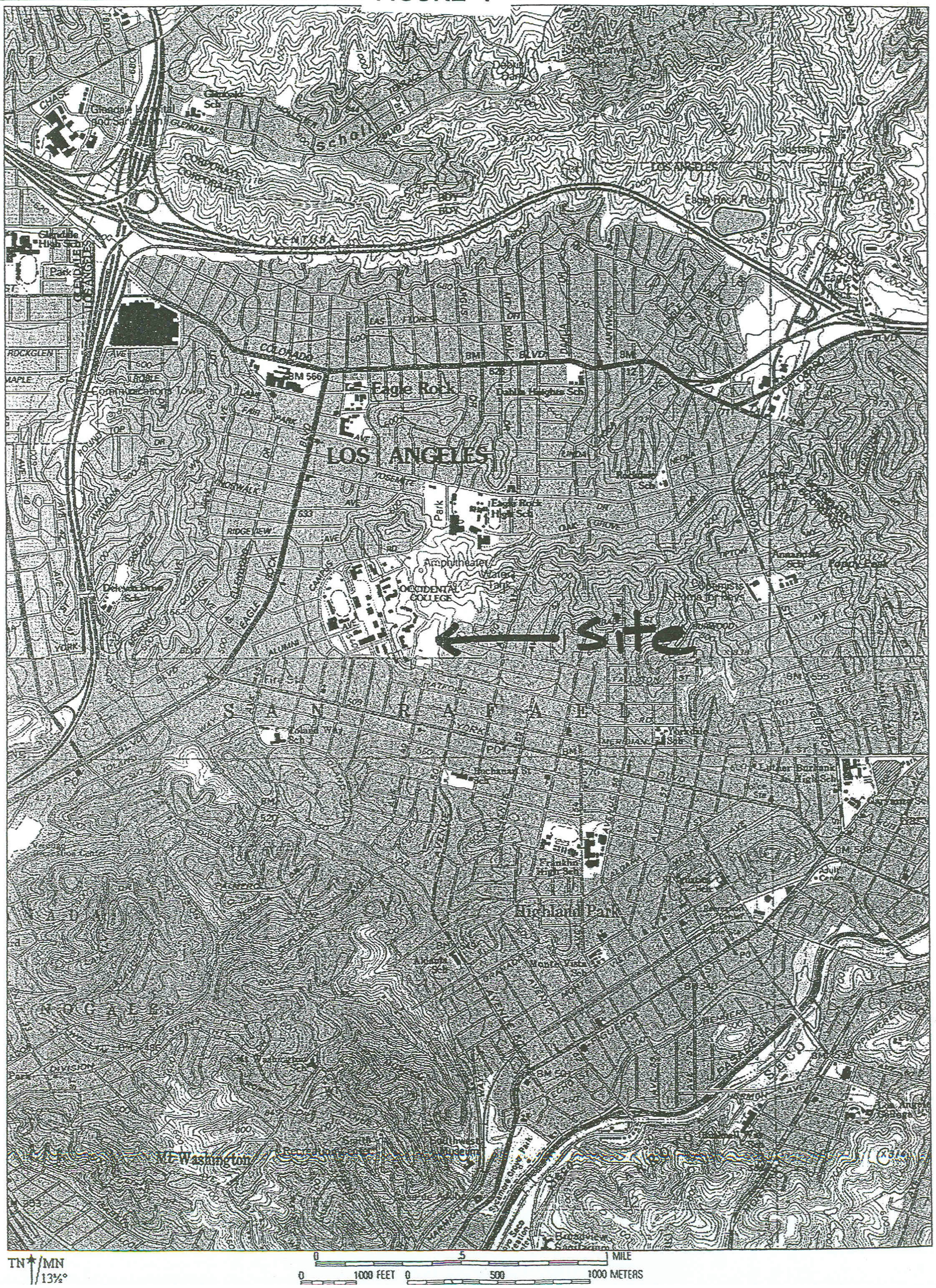
FREQUENCY OF DISCHARGE

The discharge of groundwater will be intermittent.

REUSE OF WATER

Portion of the groundwater will be used for dust control and landscape irrigation water. 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, most of the groundwater will be discharged to the storm drain in compliance with the requirements of the attached order.

FIGURE 1


VENTURA
COLORADO
Eagle Rock
LOS ANGELES
Eagle Rock High Sch
Amphitheater
OCCIDENTAL COLLEGE
site
SAN RAFAEL
Franklin High Sch
Highland Park
Mt Washington
TN MN 13½°
0 .5 1 MILE
0 1000 FEET
0 500 1000 METERS