

**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
LIVE OAK TRAILS, LLC
(Live Oak Trails 17- Home Development Project)
NPDES NO. CAG994004
CI-8931**

FACILITY LOCATION

2510 Golden Hills Road
La Verne, CA 91750

FACILITY MAILING ADDRESS

1801 Avenue of the Stars,#1205
Los Angeles, CA 90067

PROJECT DESCRIPTION

Live Oak Trails, LLC (Live Oak) proposes to construct a 17 - Home residential development project located within Tract No. 48952 at 2510 Golden Hills Road, La Verne, California. Dewatering is anticipated during the construction period. In addition, a sub-drain system will be installed to permanently control rising groundwater. Live Oak estimated that up to 100,000 gallons per day of groundwater will be discharged during construction dewatering activities and up to 40,000 gallons per day of groundwater will be discharged from the permanent dewatering system. The extracted groundwater will be stored in a settling tank, then passed through bag filters to remove suspended solids. In addition, groundwater will be treated by passing it through a series of two ion exchange resin vessels to reduce the levels of total dissolved solids and chloride. Samples of treated groundwater then will be collected and analyzed prior to discharge to Marshall Creek.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 100,000 gallons per day of treated groundwater will be discharged to Marshall Creek at Latitude 34°08'30", Longitude 117°45'20", which flows to San Jose Creek a water of the United States. The site location and wastewater flow diagrams are shown as Figures 1 & 2.

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 the discharge. The discharge flows to San Jose Creek upstream of the 71 Freeway; therefore, the discharge limitations in Attachment B.8.e. are also applicable to the discharge.

July 14, 2005

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
Settleable Solids	ml/L	0.3	0.1
Total Dissolved Solids	mg/L	750	---
Sulfate	mg/L	300	---
Chloride	mg/L	150	---
Boron	mg/L	1.0	---
Nitrogen*	mg/L	8.0	---
Sulfides	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---

* Nitrate-nitrogen plus nitrite-nitrogen (NO₃ - N + NO₂ - N).

FREQUENCY OF DISCHARGE

The discharge of groundwater is proposed to commence in late 2005 and will continue permanently after completion of the housing project.

REUSE OF WATER

A portion of the extracted groundwater will be used for dust control and irrigation purposes. It is not feasible to discharge the groundwater to the sanitary sewer system. It is not economically feasible to haul the wastewater for off-site disposal. Therefore, the groundwater will be discharged to the nearby Creek.

September 13, 2004