

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**

**THE NEWHALL LAND & FARMING COMPANY
(SEGMENT E OF VALENCIA COMMERCE CENTER PROJECT)**

**(ORDER NO. R4-2003-0111, SERIES NO. 121)
NPDES NO. CAG994004
CI-9079**

FACILITY ADDRESS

Highway 126 and
Commerce Center Drive
Castaic, CA 91355

FACILITY MAILING ADDRESS

23823 Valencia Boulevard
Valencia, CA 91355

PROJECT DESCRIPTION:

The Newhall Land and Farming Company (Newhall Land) propose to discharge groundwater generated during construction of an approximately 8,000 foot soil-cement bank protection located adjacent to the North and South banks of the Castaic Creek, between Commerce Center Drive and Highway 126 in Castaic. The project involves construction of a bank protection and land development of future commercial, industrial, recreational facilities. A desilting tank will be installed to allow sediment to settle out before the groundwater is discharged. Approximately 2.5 million gallons per day of groundwater will be discharged during the short-term construction project and it will be completed within six months. The high rate of discharge is necessary because the construction project is being conducted within the bank of Castaic Creek.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 2.5 million gallons per day of groundwater will be discharged into the Castaic Creek (between West Pier Highway 99 and Blue Cut Gaging Station) thence into Santa Clara River, waters of the United States. Should the construction project for this segment last past six months, then the discharge rate will be limited to no greater than 1.0 mgd. The site location map is shown in Figure 1. The discharge Outfalls locations are listed below:

<u>Outfall No.</u>	<u>Latitude</u>	<u>Longitude</u>
C-1	34° 26' 09"	118° 37' 17"
C-2	34° 25' 49"	118° 37' 35"
C-3	34° 26' 01"	118° 37' 29"

May 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 Castaic Creek (between West Pier Highway 99 and Blue Cut Gaging Station). This stream reach of the Santa Clara River is designated as MUN (Existing) beneficial use. The discharge of groundwater satisfies the provisions for creekside construction dewatering operations in Order No. R4-2003-0111. Therefore the limitations in Attachment B.3.d. of Order No. R4-2003-0111 are not applicable to your discharge, except those for boron and nitrogen.

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Boron	mg/L	1.0	
Nitrogen ¹	mg/L	5	
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 Castaic Creek.

¹ Nitrate-nitrogen plus nitrite nitrogen.