

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**

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

**(ORDER NO. R4-2003-0111, SERIES NO. 128)  
NPDES NO. CAG994004  
CI-9090**

**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) proposes 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>
Q-1	34° 25' 57"	118° 37' 28"
Q-2	34° 26' 09"	118° 37' 22"
Q-3	34° 25' 42"	118° 37' 45"

May 26, 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
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	N/A
Phenols	mg/L	1.0	N/A
Residual Chlorine	mg/L	0.1	N/A
Methylene Blue Active Substances (MBAS)	mg/L	0.5	N/A
Boron	mg/L	1.0	
Nitrogen*	mg/L	5	

\* Nitrate-nitrogen plus nitrite-nitrogen (NO<sub>3</sub>-N + NO<sub>2</sub>-N)

**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.