

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
SPYGLASS HOMEOWNERS ASSOCIATION
(11762 RANCHO VERDE DRIVE)

NPDES NO. CAG994004
CI-7555

FACILITY ADDRESS

11762 Rancho Verde Drive
Whittier, California

FACILITY MAILING ADDRESS

1000 E. Walnut Street, Suite 114
Whittier, CA 91106

PROJECT DESCRIPTION:

Spyglass Homeowners Association proposes to discharge groundwater from dewatering wells located within the vicinity of the homeowners association. The dewatering activity is necessary at the site to stabilize the slopes and to prevent erosion and/or soil subsidence. The groundwater is discharged into nearby storm drains. The dewatering well locations are listed in the Table below.

Outfall Number	Well Number	Location
01	DW-1	11846 Cog Hill Drive
02	DW-2	11762 Rancho Verde Drive
03	DW-3	11850 Cresta Verde Drive
04	DW-4	12128 Spyglass Hill Road
05	DW-5	10804 Amber Hill Road
06	DW-6	11541 Sierra Sky Drive
07	DW-7	10417 Spyglass Hill Road

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 9,000 gallons per day of groundwater will be discharged into nearby storm drains that flow into San Gabriel River between Valley Boulevard and Firestone Boulevard (Latitude: 34° 00' 33", Longitude: 118° 02' 00"), a water of the United States. The concentration of total dissolved solids (TDS), sulfate, and chloride exceeds the effluent limitation in Attachment B.8.d. It is necessary to bring the concentration of these constituents in the discharge to below the effluent limitation. The concentration of copper in groundwater is above the screening level but below the copper effluent limitation. Treatment may also be necessary to ensure that the concentration of copper in the discharge remains below the effluent limitation. In addition, the monitoring frequency has been increased for TDS, sulfate, and chloride due to the historical

exceedances of the effluent limits for these constituents in the discharge. The site location map is shown in Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, copper has showed reasonable potential to exist in the discharge. Therefore, an effluent limitation has been incorporated for copper. The discharge of groundwater flows into the receiving waterbody stated above that has a designated beneficial use of (MUN) Potential. Based on the effluent hardness value submitted, an appropriate discharge limitation for copper has been selected according to Section E.1.b. of the Order. The effluent limitations in Attachment B.8.d. of the Order are applicable to this discharge.

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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	750	
Sulfate	mg/L	300	
Chloride	mg/L	180	
Boron	mg/L	1	
Nitrogen	mg/L	8	
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	
Metals			
Copper	µg/L	20.8	10.4

FREQUENCY OF DISCHARGE:

The discharge of groundwater will be continuous.

REUSE OF WATER:

Spyglass Homeowners Association
11762 Rancho Verde Drive

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The reuse of pumped groundwater at the site was evaluated. The disposal of water to a treatment facility is not feasible because it is not cost effective. The property and the immediate vicinity have no landscaped areas that require irrigation. Therefore, the majority of the groundwater will be discharged into the storm drain.