

**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**

**SIX FLAGS MAGIC MOUNTAIN THEME PARK**

**NPDES NO. CAG994004**

**CI-8985**

**PROJECT LOCATION**

Six Flags Magic Mountain Theme Park  
26101 Magic Mountain Pkwy.  
Valencia, CA 91355

**FACILITY MAILING ADDRESS**

Six Flags Magic Mountain Theme Park  
26101 Magic Mountain Pkwy.  
Valencia, CA 91355

**PROJECT DESCRIPTION**

Six Flags Magic Mountain Theme Park (Discharger) is planning to reclaim the overflow parking area that was significantly damaged by flooding of the Santa Clara River during the recent storm event of January 2005. In an effort to regain the land that was lost, the Discharger proposes a Santa Clara River bank protection project in the vicinity of its facility which will consist of a standard soil cement concrete wall. Groundwater will be encountered during excavation at the site. The Discharger proposes to pump and discharge the groundwater to the Santa Clara River. Approximately 2.5 mgd will be discharged. The high rate of discharge is necessary because the construction project is being conducted within a bank of the Santa Clara River. Should the construction dewatering component of this project last past six months, then the discharge will be limited to no greater than 1.0 mgd.

**VOLUME AND DESCRIPTION OF DISCHARGE**

It is estimated that up to 2.5 million gallons per day of treated groundwater will be discharged to the Santa Clara River outfall (located at Latitude 118°35' 38", Longitude 34°25' 46"). The site location map and the schematic of waste flow diagram are shown as Figures 1 and 2, respectively. The treatment system is designed to remove suspended solids from the groundwater. The discharge flows into the Santa Clara River, a water of the United States.

**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 of groundwater flows into the Santa Clara River (between Bouquet Canyon Road Bridge and West Pier Highway 99). This stream reach of the Santa Clara River is designated as MUN (existing) beneficial use. The discharge satisfies the provisions for creekside construction dewatering operations in Order No. R4-2003-0111. Therefore, the limitations in Attachment B.3.c. 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	---
Phenols	mg/L	1.0	---
(Nitrate + Nitrite) - nitrogen	mg/L	10	---
Boron	mg/L	1.5	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---

#### FREQUENCY OF DISCHARGE

The construction dewatering discharge will be continuous and is expected to last for approximately 30 days.

#### REUSE OF WATER

It is not economically feasible to haul the groundwater for off-site disposal. The subject site lacks sufficient landscaped area for irrigation. Since there are no other feasible reuse options, most of the groundwater generated from the construction will be discharged to the Santa Clara River.