

**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**  
**PURE EFFECT INC.**  
**(County-USC Medical Center Replacement Project - Central Plant Building)**  
**NPDES NO. CAG994002**  
**CI-8583**

**FACILITATION LOCATION**

1200 N. State Street  
Los Angeles, CA 90033

**FACILITY MAILING ADDRESS**

611 W. Palm Avenue  
Orange, CA 92868

**PROJECT DESCRIPTION**

County-USC Medical Center is constructing buildings to replace older facilities located at 1200 N. State Street, Los Angeles. Dewatering of groundwater is anticipated to occur during the construction activities at the Central Plant Building, which is an underground building. Pure Effect Inc., (PEI), the consultant for the dewatering of the subject project, proposes to extract and treat groundwater by passing it through an oil/water separator system, then storing the groundwater in a settling tank. The stored groundwater will then be passed through two filtration units to remove suspended solids, and then polished to remove organics by passing it through granular activated carbon vessel and by removing metals through a zeolite vessel.

**VOLUME AND DESCRIPTION OF DISCHARGE**

PEI will discharge up to 600,000 gallons per day of treated groundwater. The groundwater will be discharged to storm drain (located at Latitude 34°03' 30", Longitude 118° 12'34") which drains to the Los Angeles, a water of the United States. The site location and the schematic of waste flow diagram are shown as Figures 1 and 2, respectively.

**FREQUENCY OF DISCHARGE**

The discharge is scheduled to begin in May 2003. The project is anticipated to last approximately five months.

**REUSE OF WATER**

Some of the treated groundwater will be used for dust control and soil compaction at the site. There are no other feasible reuse options for the discharge. Therefore, the majority of treated groundwater will be discharged to storm drain.