

**State of California**  
**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**  
**LOS ANGELES REGION**  
**320 West 4th Street, Suite 200, Los Angeles**  
**REVISED FACT SHEET**  
**WASTE DISCHARGE REQUIREMENTS**  
**FOR**  
**COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS**  
**(West Coast Basin Barrier Project, Unit 3 & 4)**  
**ORDER NO. R4-2003-0108, NPDES NO. CAG994005**  
**CI-6094**

**FACILITATION LOCATION**

Valley Drive,  
Manhattan Beach, CA

**FACILITY MAILING ADDRESS**

900 S. Fremont Avenue  
Alhambra, CA 91803-1331

**PROJECT DESCRIPTION**

The County of Los Angeles Department of Public Works (LACDPW) injects freshwater into the local drinking water aquifers to prevent seawater intrusion. LACDPW periodically redevelops the injection wells and discharges the wastewater. General NPDES Permit Order No. R4-2003-0108 was issued to LACDPW on October 29, 2003, for discharge of Units 3 & 4 well development water to the Los Angeles County Flood Control Channel through Outfalls No.1 through No. 7. This Fact Sheet is being revised to include coverage under the general NPDES Permit for discharge of groundwater from two additional outfalls No.8 and No.9 to help facilitate and expedite the transport of well redevelopment water.

**VOLUME AND DESCRIPTION OF DISCHARGE**

LACDPW conducts the well redevelopment approximately once every two years. Up to 144,000 gallons per day of groundwater is discharged to various storm drain outfalls listed below.

Outfall	Latitude	Longitude
1	33°53'11"	118°24'33"
2	33°52'27"	118°23'53"
3	33°52'11"	118°23'47"
4	33°51'05"	118°23'44"
5	33°51'57"	118°23'40"
6	33°51'56"	118°23'27"
7	33°51'04"	118°23'27"
8	33°53'19"	118°24'33"
9	33°52'14"	118°23'51"

January 7, 2008

Discharge to the storm drains flow to the Los Angeles County Flood Control Channel thence to the coastal stream of the Pacific Ocean, a water of the United States. The outfalls location is shown as Figures 1 & 2.

### **APPLICABLE EFFLUENT LIMITATIONS**

Based on the information provided, the following constituents in the Table below have been determined to show reasonable potential to exist in the discharge. The groundwater discharge flows to L.A. County Flood Control Channel thence to the coastal stream of the Pacific Ocean; therefore, the discharge limitations specified in Attachment B are not applicable to the discharge.

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

<b>Constituent</b>	<b>Unit</b>	<b>Type of Sample</b>	<b>Minimum Frequency of Analysis</b>
Turbidity	NTU	grab	once per discharge event
Total Suspended Solids	mg/L	grab	once per discharge event
BOD <sub>5</sub> @ 20°C	mg/L	grab	once per discharge event
Settleable Solids	ml/L	grab	once per discharge event
Residual chlorine	mg/L	grab	once per discharge event

### **FREQUENCY OF DISCHARGE**

The intermittent discharge occur approximately once every two years.

### **REUSE OF WATER**

It is not economically feasible to haul all the groundwater for off-site disposal. It is not feasible to discharge the water to the sanitary sewer system. There are no other feasible reuse options for the short duration discharges. Therefore, the groundwater will be discharged to the flood control channel in compliance with the requirements of the attached order.



