

**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 1)**  
**ORDER NO. R4-2003-0108, NPDES NO. CAG994005**  
**CI-6092**

**FACILITATION LOCATION**

Oak Avenue & Washington Street  
 El Segundo, CA 90278

**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 28, 2003, for discharge of Unit 1 well development water to the Los Angeles County Flood Control Channel from Outfalls No.1 and No.2. This Fact Sheet is being revised to include coverage under the general NPDES Permit for discharge of groundwater from two additional outfalls No. 3 and 4 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°55'34"	118°23'53"
2	33°55'47"	118°24'03"
3	33°55'51"	118°24'05"
4	33°55'37"	118°23'57"

Discharge to the storm drains outfalls flow to the Los Angeles County Flood Control Channel thence to a coastal stream of the Pacific Ocean, a water of the United States. The outfalls locations are shown in Figure 1.

March 10, 2010

**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 a 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.

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
Settleable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	---

#### **FREQUENCY OF DISCHARGE**

The intermittent well discharges 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 discharge. Therefore, the groundwater will be discharged to the flood control channel in compliance with the requirements of the attached order.

