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
LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
(Hollyhills Drain Unit 8B, Phase 1 & 2 Projects)
NPDES NO. CAG994004
CI-8738

PROJECT LOCATION
Along Orlando Ave. & Rosewood Ave.
Los Angeles, CA 90069

FACILITY MAILING ADDRESS
900 Fremont Avenue
Alhambra, CA 91803

PROJECT DESCRIPTION

Los Angeles County Department of Public Works (LACDPW) is constructing approximately 2,250 feet of storm drain alignment along Orlando Avenue and Rosewood Avenue in the City of Los Angeles and the City of West Hollywood. Dewatering is anticipated during the construction project. General NPDES Permit No. CAG994004 (Order No. R4-2003-0111) was issued to LACDPW on April 19, 2004 for the discharge of treated groundwater from Phase 1 project. This Fact Sheet is being revised to include coverage under the general NPDES permit for Phase 2 project which is the extension and located immediately south of Phase 1 project. The groundwater will be treated by passing it through a filtration unit to remove suspended solids, then by passing it through metal treatment system to remove chromium, copper, and nickel. The final stage of treatment will be passing it through a granular activated carbon vessel to remove organics. Treated groundwater samples will be taken for analyses prior to discharge to the storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 60,000 gallons per day of treated groundwater will be discharged to storm drains at the following outfall locations:

Outfall	Latitude	Longitude	Receiving Waterbody
#1	34° 05' 08"	118° 22' 19"	Ballona Creek
#2	34° 05' 14"	118° 22' 19"	Ballona Creek
#3	34° 05' 20"	118° 22' 19"	Ballona Creek
#4	34º 05' 02"	118º 22' 24"	Ballona Creek
#5	34º 05' 56"	118º 22' 20"	Ballona Creek
#6	34º 05' 49"	118º 22' 24"	Ballona Creek
#7	34º 05" 49"	118º 22' 36"	Ballona Creek
#8	34º 05" 49"	118º 22' 35"	Ballona Creek

February 24, 2005

thence to the Ballona Creek, a water of the United States. The site location map and the schematic of waste flow diagram are shown as Figures 1 and 2, respectively.

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 groundwater flows into the Ballona Creek which is designated as MUN (Potential) beneficial use. Therefore, the discharge limitations under the "Other Water" column apply to the discharge. The discharge limitations for hardness dependent metals are selected according to Section E.1.b. of the Order.

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_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	---
Chromium III	µg/L	50	---
Copper	µg/L	44.4	22.1
Nickel	µg/L	100	100
Tetrachloroethene	µg/L	5.0	---
Trichloroethene	µg/L	5.0	---
N-Nitrosodimethyl amine (NDMA)	µg/L	16	8.1

FREQUENCY OF DISCHARGE

The intermittent discharge will last through 2005.

REUSE OF WATER

Due to the large volume of groundwater it is not feasible to discharge the water to the sanitary sewer system. It is not economically feasible to haul the groundwater for off-site disposal. There are no feasible reuse options for the discharge; therefore, the treated groundwater will be discharged to storm drain.