

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

**FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
WORLD OIL MARKETING COMPANY
(FORMER STATION NO. 27)**

**NPDES NO. CAG994004
CI-7788**

FACILITY ADDRESS

5234 West Adams Boulevard
Los Angeles, California 90016

FACILITY MAILING ADDRESS

9302 South Garfield Avenue
South Gate, CA 90280

PROJECT DESCRIPTION:

The World Oil Marketing Company (Discharger) owns the former Station No. 27 located at 5234 West Adams Boulevard, Los Angeles and discharges groundwater from a groundwater remediation project under general NPDES permit No. CAG834001 (See Figure 1 for Site Location). Because the groundwater contains toxics, in addition to petroleum products, treatment for toxics will be necessary and the discharge will be more appropriately regulated under Order No. R4-2003-0111, NPDES Permit No. CAG994004.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 28,000 gallons per day of groundwater will be extracted and treated (See Figure 2 for a treatment process diagram). The treated groundwater is discharged to Outfall No. 001 (Latitude: 34° 01' 57", Longitude: 118° 22' 30") that flows into the Ballona Creek, a water of the United States.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements and previous monitoring reports, the following constituents listed in the Table below have been determined to show reasonable potential to exist in the discharge. The groundwater discharge flows into the Ballona Creek. The discharge is into a stream reach designated as MUN (Potential) beneficial use. According to Attachment B of the NPDES Permit, no watershed specific discharge limitations are required.

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	N/A
Phenols	mg/L	1.0	N/A
Residual Chlorine	mg/L	0.1	N/A
Methylene Blue Active Substances (MBAS)	mg/L	0.5	N/A
Cadmium	µg/L	2.8	5
Copper	µg/L	10.4	20.8
Lead	µg/L	4.4	8.7
Nickel	µg/L	60	100
Zinc	µg/L	86	170
Benzene	µg/L	1.0	
Toluene	µg/L	150	
Ethylbenzene	µg/L	700	
Xylenes	µg/L	1750	
2,4-Dinitrotoluene	µg/L	18	9.1
Methyl tertiary butyl ether (MTBE)	µg/L	5	
Total Petroleum Hydrocarbons	µg/L	100	

FREQUENCY OF DISCHARGE:

The groundwater discharge is continuous for the duration of the groundwater remediation.

REUSE OF WATER:

Offsite disposal of the groundwater discharge is not feasible due to high cost of disposal. The property and the immediate vicinity have no landscaped areas that require irrigation using the groundwater discharge. Since there are no other feasible reuse options, most of the groundwater generated from the project will be discharged to the storm drain.