

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
(STATION NO. 17)**

**NPDES NO. CAG994004
CI-8167**

FACILITY ADDRESS

1460 South La Cienega Boulevard
Los Angeles, California

FACILITY MAILING ADDRESS

9302 South Garfield Avenue
South Gate, CA 90280

PROJECT DESCRIPTION:

World Oil Marketing Company discharges wastewater from their groundwater cleanup project located at 1460 S. La Cienega Boulevard, Los Angeles. The groundwater beneath the site is impacted with petroleum-fuel compounds and heavy metals. Prior to discharge, the groundwater will be pumped into an oil/water separator tank, passed through particulate filters, and treated by passing through granular activated carbon canisters.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 72,000 gallons per day of treated groundwater is discharged into a nearby storm drain that flows to the Ballona Creek (Latitude: 34° 02' 12", Longitude: 118° 22' 16"), a Miscellaneous Los Angeles County Coastal Stream, a water of the United States. The site location map and process flow diagram are shown in 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 discharge of treated groundwater flows into the Ballona Creek that is designated as MUN (Potential) beneficial use. Therefore, the discharge limitations under the "Other Waters" column apply to the discharge. An appropriate discharge limitation for heavy metals has been selected according to Section E.1.b. of the Order. The effluent limitations in Attachment B of the Order are not applicable to this discharge.

September 13, 2004

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	
Volatile Organic Compounds			
Benzene	µg/L	1.0	
Toluene	µg/L	150	
Ethylbenzene	µg/L	700	
Xylenes	µg/L	1750	
Ethylene Dibromide	µg/L	0.05	
Methyl tertiary butyl ether (MTBE)	µg/L	5	
Semi-Volatile Organic Compounds			
Naphthalene	µg/L	21	
Miscellaneous			
Tertiary butyl alcohol (TBA)	µg/L	12	
Total Petroleum Hydrocarbons	µg/L	100	
Metals			
Arsenic	µg/L	50	
Copper	µg/L	20.8	10.4
Lead	µg/L	8.7	4.4
Zinc	µg/L	170	86

FREQUENCY OF DISCHARGE:

The discharge of treated groundwater will be intermittent and will continue until the site cleanup has been completed.

REUSE OF WATER:

World Oil Marketing Company
Station No. 17

CAG994004
September 13, 2004

The reuse of pumped groundwater at the site was evaluated. The disposal of water to a treatment facility is not feasible because it is not cost effective. The property and the immediate vicinity have no landscaped areas that require irrigation. Therefore, the majority of the groundwater will be discharged into the storm drain.