

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

**FACT SHEET**  
**WASTE DISCHARGE REQUIREMENTS**  
**FOR**  
**WORLD OIL MARKETING COMPANY**  
**(STATION NO. 54)**

**NPDES NO. CAG834001**  
**CI-8333**

**FACILITY ADDRESS**

1571 East Main Street  
Ventura, California

**FACILITY MAILING ADDRESS**

9302 South Garfield Avenue  
South Gate, CA 90280

**PROJECT DESCRIPTION:**

World Oil Marketing Company (World Oil) proposes to discharge treated groundwater from cleanup of petroleum fuel hydrocarbon impacted groundwater at their former retail gasoline station site. The station is located at 1571 East Main Street, Ventura, California. The groundwater remediation system will be operated in conjunction with the soil vapor extraction system for cleanup of impacted soil.

The groundwater treatment system will be comprised of two particulate bag filters installed in parallel, two-1,000 pound carbon vessels installed in series, and future tertiary vessel, if warranted. The treatment system will be enclosed in a containment berm with a high level float to shut the system down if significant amount of water begins to collect within the containment area. Chlorine bleach (sodium hypochlorite) may be used to clean the treatment system's process equipment to prevent bio fouling.

World Oil had a prior sewer discharge permit from the City of Buenaventura Department of Public Works, Sanitation Division. World Oil was not able to meet the Sanitation Division's total dissolved solids effluent limitation; therefore, the sewer permit was terminated.

**VOLUME AND DESCRIPTION OF DISCHARGE:**

Up to 0.072 million gallons per day (mgd) of groundwater will be discharged. The discharge will last up to five years. The treated groundwater will be discharged into a storm water catch basin located on the east side of Lincoln Drive near East Main Street (Latitude: 34° 16' 47", Longitude: 119° 16' 40"). The discharge flows into San Jon Barranca, a Miscellaneous Ventura Coastal Stream, and a water of the United States. The site location map and process flow diagram are shown in Figures I and II, respectively.

**FREQUENCY OF DISCHARGE:**

The discharge of treated groundwater will be continuous.

**REUSE OF WATER:**

Previous discharge to the sewer system was discontinued because of high total dissolved solids concentration that exceeds Sanitation District permit limit, therefore, sewer discharge is no longer feasible. Offsite disposal of treated groundwater is not a feasible due to large volume of water and high cost of disposal. The property and the immediate vicinity have no landscaped areas that require irrigation. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain.