

**State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

**MONITORING AND REPORTING PROGRAM NO. CI 8055
FOR
EXXONMOBIL OIL CORPORATION
(FORMER MOBIL SERVICE STATION # 18-FX5)
(NPDES No. CA0064301)**

The discharger shall submit the Monitoring reports quarterly. The monitoring reports shall be received by the last day of the month following the monitoring period. If no discharge of waste occurs during the reporting period, the report shall so state.

By January 30 of each year, beginning January 30, 2002, the Discharger shall submit an annual report to the Regional Board. The report shall contain summaries of the monitoring data obtained during the previous year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned, which may be, needed to bring the discharge into full compliance with the National Pollution Discharge Elimination System permit. The annual analysis shall be performed during October – December reporting period.

Effluent Monitoring

- A. Before commencing any discharge, a representative sample shall be analyzed, and the test results must meet all discharge limitations of this Order. A sampling station shall be established for each point of discharge and shall be located where representative samples of treated effluent can be obtained. In the event that waste streams from sources are combined for treatment or discharge, representative sampling stations shall be so located to ensure that the quantity of each pollutant or pollutant property attributable to each waste source regulated by effluent limitations can be determined.
- B. The detection limits employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the Discharger can demonstrate that a particular detection limit is not attainable and obtains approval for a higher limit from the Executive Officer.
- C. This Regional Board shall be notified in writing of any change in the sampling stations once established or in the methods for determining the quantities of pollutants in the individual waste streams.
- D. The Discharger shall submit technical reports to the Regional Board. The reports shall contain both tabular and graphical summaries of the monitoring data obtained during the reporting period. Water samples from the waste stream, intermediate treatment, post treatment and effluent samples shall be collected and analyzed according to the following:

<u>Constituent</u>	<u>Units</u>	<u>Method</u>	<u>Minimum Frequency of Analysis</u>
Effluent flow	gal/day	-----	Daily
pH	pH units	SM 4500 H ^[1]	Weekly
Total Suspended Solids	mg/L	EPA 160.2	Monthly
Total Settleable Solids	ml/L	EPA 160.5	Monthly
Total Dissolved Solids	mg/L	EPA 160.1	Monthly
Turbidity	NTU	SM 2130	Monthly
Oil and grease	mg/L	EPA 1664	Monthly
Lead ^[2]	µg/L	EPA 7421 ^[3]	Monthly
Copper	µg/L	EPA 200.7 ^[3]	Monthly
Zinc	µg/L	EPA 200.7 ^[3]	Monthly
General Minerals	ml/L	EPA 200.7	Monthly
Chloride	ml/L	EPA 300.0	Monthly
Sulfate	ml/L	EPA 300.0	Monthly
Sulfides	ml/L	EPA 376.2	Monthly
NO ₃ + NO ₂ as N	ml/L	EPA 300.0	Monthly
Total petroleum hydrocarbons ^[4]	µg/L	EPA 8015M	Monthly
Benzene	µg/L	EPA 8260B	Monthly
Toluene	µg/L	EPA 8260B	Monthly
Ethylbenzene	µg/L	EPA 8260B	Monthly
Xylenes (total)	µg/L	EPA 8260B	Monthly
Methyl tertiary butyl ether (MTBE)	µg/L	EPA 8260B	Monthly
Di-isopropyl ether (DIPE)	µg/L	EPA 8260B	Monthly
Ethyl tertiary butyl ether (ETBE)	µg/L	EPA 8260B	Monthly
Tertiary amyl methyl ether (TAME)	µg/L	EPA 8260B	Monthly
Tertiary butyl alcohol (TBA)	µg/L	EPA 8260B	Monthly
Ethylene dibromide	µg/L	EPA 504.1	Monthly
Methanol	µg/L	EPA 8015/8260B	Monthly
Tetrachloroethylene	µg/L	EPA 8260B	Monthly
Trichloroethylene	µg/L	EPA 8260B	Monthly
1,1,1-Trichloroethane (1,1,1-TCA)	µg/L	EPA 8260B	Monthly
1,1-Dichloroethane (1,1-DCA)	µg/L	EPA 8260B	Monthly
1,1-Dichloroethylene (1,1-DCE)	µg/L	EPA 8260B	Monthly
BOD ₅ 20°C	mg/L	EPA 405.1	Monthly
Toxicity ^[5]	% Survival	-----	Annually ^[6]

[1] Analysis to be performed by Standard Methods (20th edition)

[2] Analysis to be performed by Graphite Furnace Method

[3] Different EPA method can be used to reduce the method detection limit.

[4] Total Petroleum Hydrocarbons as gasoline.

[5] Acute toxicity testing shall be conducted by the method specified in "Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms" - March 1985 (EPA/600/4-85-013). Submission of bioassay results should include the information noted on pages 45-49 of the "Methods". The fathead minnow (*Pimephales promelas*) shall be used as the test species.

[6] If the results of the annual toxicity test yield a survival of less than 90%, the frequency of analysis shall be increased to monthly until at least three consecutive test results have been obtained and full compliance with Part D, Effluent Limitation 3, has been demonstrated. After this, the frequency of analysis shall revert to annually. The results of the toxicity tests shall be included in the first monitoring report submitted.

Wastes Hauling Reporting

The Discharger shall report any waste discharges from the site to a legal disposal site. The name and address of the hauler of the waste shall be reported, along with types and quantities hauled during the reporting period and the location of final point of disposal. If no wastes are hauled during the reporting period, a statement to that effect shall be submitted and shall include a statement relative to disposal of waste during the reporting period.

General Provisions for Sampling and Analysis

All chemical, bacteriological, and toxicity analysis shall be conducted at a laboratory certified for such analysis by the State Department of Health Services Environmental Laboratory Accreditation Program, or approved by the Executive Officer. Laboratory analysis must follow methods approved by the United States Environmental Protection Agency (EPA), and the laboratory must meet EPA Quality Assurance/Quality Control criteria. All analytical data must be presented on the enclosed Laboratory Report Forms.

General Provisions for Reporting

For every item where the requirements are not met, the Discharger shall submit a statement of the actions undertaken, or proposed, which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.

The monthly reports shall contain the following information:

- a. Average and maximum daily waste flow for each week of the month.
- b. A statement relative to compliance with discharge specifications during the reporting period.
- c. Results of at least weekly observations in the disposal area for any overflow or surfacing of wastes.

Monitoring reports shall be signed by:

- a. In the case of a corporation, by a principal Executive Officer at least of the level of vice-president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge originates.
- b. In the case of a partnership, by a general partner;
- c. In the case of a sole partnership, by the proprietor;
- d. In the case of a municipal, State or other public facility, by either a principal Executive Officer, ranking elected official, or other duly authorized employee.

Each report shall contain the following declaration:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. [California Water Code Sections 13263, 13267, and 13268]. Executed on the _____ day of _____ at _____

Signature

Title"

The records and reports submitted under this Monitoring and Reporting Program are public documents and will be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by: _____
DENNIS A. DICKERSON
Executive Officer

Date: October 25, 2001

/WXT