

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

MONITORING AND REPORTING PROGRAM No. CI-7865
FOR
PACIFIC REFINING COMPANY
(FORMER WESTERN FUEL OIL)
(CA0064190)

The discharger shall implement this monitoring program on the effective date of this order. Monitoring reports shall be submitted by the dates in the following schedule:

| <u>Reporting Period</u> | <u>Report Due</u> |
|-------------------------|-------------------|
| January - March | April 15 |
| April - June | July 15 |
| July - September | October 15 |
| October - December | January 15 |
| Annual | March 1 |

The first monitoring report under this Program is due by October 15, 1998. If there is no discharge, the report shall state so.

I. MONITORING REQUIREMENTS

Sampling station(s) shall be established at the discharge point and shall be located where representative samples of the effluent can be obtained. Provisions shall be made to enable visual inspections before discharge. In the event of presence of oil sheen, debris, and/or other objectionable materials or odors, discharge shall not be commenced before compliance of the requirements is ascertained. Any visual observation shall be included in the monitoring report.

II. EFFLUENT MONITORING

The following shall constitute the discharge monitoring program:

| <u>Constituent</u> | <u>Units</u> | <u>Type of Sample</u> | <u>Minimum Frequency of Analysis</u> |
|------------------------|--------------|-----------------------|--------------------------------------|
| Total waste flow | gal/day | — | monthly |
| pH | pH units | grab | monthly |
| Temperature | °F | grab | monthly |
| Residual chlorine | mg/L | grab | monthly |
| Oil and grease | mg/L | grab | monthly ^[1] |
| Settleable solids | mL/L | grab | monthly ^[1] |
| Total suspended solids | mg/L | grab | monthly ^[1] |

| <u>Constituent</u> | <u>Units</u> | <u>Type of Sample</u> | <u>Minimum Frequency of Analysis</u> |
|------------------------------------|--------------|-----------------------|--------------------------------------|
| Turbidity | NTU | grab | monthly ^[1] |
| BOD ₅ 20°C | mg/L | grab | monthly ^[1] |
| Sulfides | mg/L | grab | monthly ^[1] |
| 1,1-Dichloroethane | µg/L | grab | monthly ^[1] |
| 1,1-Dichloroethylene | µg/L | grab | monthly ^[1] |
| 1,2-Dichloroethane | µg/L | grab | monthly ^[1] |
| Benzene | µg/L | grab | monthly ^[1] |
| Carbon tetrachloride | µg/L | grab | monthly ^[1] |
| Ethylbenzene | µg/L | grab | monthly ^[1] |
| Ethylene dibromide | µg/L | grab | monthly ^[1] |
| Methyl ethyl ketone | µg/L | grab | monthly ^[1] |
| Methyl tertiary butyl ether | µg/L | grab | monthly ^[1] |
| Tetrachloroethylene | µg/L | grab | monthly ^[1] |
| Toluene | µg/L | grab | monthly ^[1] |
| Total petroleum hydrocarbons | µg/L | grab | monthly ^[1] |
| Trichloroethylene | µg/L | grab | monthly ^[1] |
| Vinyl chloride | µg/L | grab | monthly ^[1] |
| Xylene | µg/L | grab | monthly ^[1] |
| Phenols | mg/L | grab | monthly ^[1] |
| Priority pollutants ^[2] | µg/L | grab | annually |
| Acute toxicity ^[3] | %Survival | grab | annually |

[1] If sample shows full compliance with the discharge limitations during first three (3) months sampling, the frequency of analysis may convert to **quarterly**.

[2] See attached list. The constituents specified in the above are excluded from the list.

[3] By the method specified in "Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms" - September 1991, (EPA/600/4-90/027). Submission of bioassay results should include the information noted on pages 70-73 of the "Methods". The fathead minnow (*Pimephales Promelas*) shall be used as the test species. If the results of the toxicity test yields a survival of less than 90%, then the frequency of analyses shall increase to monthly until at least three test results have been obtained and full compliance with Effluent Limitations has been demonstrated, after which the frequency of analyses shall revert to annually. Results of toxicity tests shall be included in the first monitoring report following sampling.

If any result of the analysis exceeds the daily maximum limit, the frequency of analysis shall be increased to weekly within one week of knowledge of the test result. Weekly testing shall continue for at least four consecutive weeks and until compliance with the monthly average and daily maximum limits is demonstrated, after which the frequency shall revert back to the original monitoring frequency. If the requirements are not met after four consecutive weeks of weekly testing, the discharger shall discontinue discharge until compliance is achieved.

III. REPORTING

Laboratory analyses - all chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services Environmental Laboratory Accreditation Program (ELAP) or approved by the Executive Officer. A copy of the laboratory certification shall be provided with the first monitoring report and each time a new and/or renewal is obtained from ELAP.

All monitoring reports shall include discharge limitations in the Order, tabulated analytical data, the chain of custody, laboratory report (including but not limited to date and time of sampling, date of analyses, QA/QC, method of analysis and detection limits), and a perjury declaration.

IV. NOTIFICATION

The Discharger shall notify the Executive Officer in writing prior to discharge of any chemical which may be toxic to aquatic life. Such notification shall include:

1. Name and general composition of the chemical,
2. Frequency of use,
3. Quantities to be used,
4. Proposed discharge concentrations and,
5. EPA registration number, if applicable.

No discharge of such chemical shall be made prior to the Executive Officer's approval.

Ordered by:


DENNIS A. DICKERSON
Executive Officer

Date:

August 3, 1998

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