

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 86-60
NPDES NO. CA0005789

AMENDING WASTE DISCHARGE REQUIREMENTS FOR:

SHELL OIL COMPANY
MARTINEZ MANUFACTURING COMPLEX
CONTRA COSTA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. On February 20, 1985 the Board adopted Order No. 85-22, a National Pollutant Discharge Elimination System (NPDES) Permit, prescribing waste discharge requirements for Shell Oil Company, Martinez Manufacturing Complex (hereinafter called the discharger).
2. Order No. 85-22 included an interim effluent limit for toxicity and a time schedule to achieve compliance with the Basin Plan toxicity limit by August 20, 1986. The Basin Plan toxicity limitation requires that "the survival of test fishes in 96 hour bioassays of the undiluted effluent shall be a 90 percentile value of not less than 50 percent survival." The interim effluent toxicity limitation requires that "the survival of test fishes in 96 hour bioassays of 50 percent effluent shall be a 90 percentile value of not less than 50 percent survival."
3. Order No. 85-22 required the discharger to submit a conceptual toxicity control plan for compliance and if desired, an application for exception to the toxicity limitation by August 20, 1985.
4. On August 23, 1985 the discharger submitted both the conceptual plan for compliance with the toxicity limitation and a preliminary application for exception to the toxicity limitation. This preliminary application consisted of a study plan that require an extensive collection of data over the next year to support the toxicity exception request.
5. The discharger's conceptual plan described the sources of effluent toxicity, control measures and a preliminary evaluation of treatment facilities to remove effluent toxicity.
6. In April 1986 Board staff met with the discharger to review data generated by the discharger within the past 6 months in support of the application for exception to the toxicity limitation.

7. On June 27, 1986 the discharger requested an extension of their time schedule for compliance with the Basin Plan toxicity limitation to February 1987. The extension was requested in order to complete the work in support of an exception to the toxicity limitation, to finalize the evaluation of treatment facilities (powdered activated carbon), to remove effluent toxicity, and also to allow sufficient time for the staff to evaluate the data and for the Board to act on the application.
8. On July 10, 1986, the Executive Officer requested a technical report by August 10, 1986 addressing the feasibility of providing temporary treatment facilities until such time that the discharger submits documentation and the Board considers a new effluent-specific, water quality-based toxicity limit.
9. It appears reasonable to grant the discharger a 4-month extension as the Board indicated that they need 120 days to review and act on the application of exception to the toxicity limitation. If the Board denies their exception request, the discharger is expected to comply with the Basin Plan toxicity limit immediately upon such action.
10. As this project is an NPDES Permit revision, this Board, pursuant to Water Code Section 13389, is not required to comply with the provisions of Chapter 3 of Division 13 of the Public Resources Code (California Environmental Quality Act).
11. The Board has notified the discharger and interested persons and agencies of its intent to prescribed revised waste discharge requirements for the discharger.
12. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that this Board's Order No. 85-24 is amended as follows:

C. Provision 14 is revised to read as follows:

The discharger shall achieve full compliance with Effluent Limitation A.5b. (LC-50 of the effluent shall not be less than 100) by December 20, 1986.

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on August 20, 1986.

A handwritten signature in cursive script, appearing to read "R. B. James", written in dark ink. The signature is positioned above a horizontal dashed line.

ROGER B. JAMES
Executive Officer