

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 86-72
NPDES NO. CA0005134

AMENDING WASTE DISCHARGE REQUIREMENTS FOR:

CHEVRON USA, INC., RICHMOND REFINERY AND
ALLIED CHEMICAL CORPORATION, RICHMOND WORKS,
INDUSTRIAL CHEMICALS DIVISION,
RICHMOND, CONTRA COSTA COUNTY

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

1. On February 20, 1985 the Board adopted Order No. 85-26, a National Pollutant Discharge Elimination System (NPDES) Permit, prescribing waste discharge requirements for Chevron USA, Inc., Richmond Refinery and Allied Chemical Corporation, Richmond Works, Industrial Chemicals Division (hereafter discharger).
2. On February 20, 1986 the State Water Resources Control Board adopted Order No. WQ 86-4 which in part requires the Board to amend Order No. 85-26 to include concentration limits based on Best Available Technology Economically Achievable (BAT) for the process wastewater discharge, Waste 001, for the constituents: Oil and Grease, Phenolic Compounds, Ammonia as N, Sulfide, Total Chromium, and Hexavalent Chromium.
3. Effluent limitation guidelines requiring the application of BAT have been promulgated by the U.S. Environmental Protection Agency (EPA) for the Integrated Subcategory of the Petroleum Refining Point Source Category 40 CFR Part 419 on October 18, 1982 and amended on July 12, 1985. These guidelines established effluent mass emission limits for the constituents listed in Finding 2. based on effluent concentrations achievable by using BAT. The guidelines include both monthly average and daily maximum concentrations.
4. The Chevron USA, Inc., Richmond Refinery is classified as an Integrated refinery as defined by the EPA in 40 CFR 419.50.
5. 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).
6. The Board has notified the discharger and interested persons and agencies of its intent to prescribe revised waste discharge requirements for the discharger.
7. 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. 85-26 is amended as follows:

A. Effluent Limitations A.1. shall be revised to read as follows:

A. Effluent Limitations

1. The discharge of Waste 001 containing constituents in excess of the following limits is prohibited:

<u>Constituent</u>	<u>Units</u>	<u>Monthly Average</u>	<u>Maximum Daily</u>
BOD (5-day @ 20°C)	lbs/day	4000	7540
	kg/day	1820	3400
TSS	lbs/day	3300	5180
	kg/day	1500	2350
TOC	lbs/day	8810	16600
	kg/day	4000	7540
Oil and Grease	lbs/day	1260	2360
	kg/day	571	1070
	mg/l	8	15
Phenolic Compounds	lbs/day	16.3	54.6
	kg/day	7.41	24.8
	mg/l	0.17	0.35
Ammonia as N	lbs/day	1480	3240
	kg/day	674	1470
	mg/l	9	20
Sulfide	lbs/day	21.8	48.4
	kg/day	9.93	22.0
	mg/l	0.14	0.31
Total Chromium	lbs/day	17.0	54.5
	kg/day	7.71	24.8
	mg/l	0.21	0.60
Hexavalent Chromium	lbs/day	1.57	3.49
	kg/day	0.71	1.59
	mg/l	0.028	0.062
Settleable Solids	ml/l-hr	0.1	0.2

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 September 17, 1986.

A handwritten signature in cursive script, appearing to read "Roger B. James". The signature is written in dark ink and is positioned above the typed name.

ROGER B. JAMES
Executive Officer