

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 79-39

NPDES PERMIT NO. CA0006033

WASTE DISCHARGE REQUIREMENTS FOR:

AMERICAN CAN COMPANY
OAKLAND, ALAMEDA COUNTY

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

1. American Can Company (hereinafter called the discharger) operates a facility at 3801 East 8th Street, Oakland, whose principal raw material is tin plate and principal product is metal cans. The discharger submitted a National Pollutant Discharge Elimination System (NPDES) Application for a Permit to Discharge - Short Form C requesting renewal of its expiring permit, Order No. 74-31.
2. Discharger proposes to discharge to a municipal storm sewer an average of 1,440 gallons per day of wastewater from seven drinking fountains, non-contact cooling water from two air compressors, and non-contact cooling water from two bearings on a thermal oven. In the event of a power failure, water from the plant's recirculating cooling water system would also drain to the storm sewer. This system holds approximately 300 gallons. The recirculating cooling water is treated with "Chem-Aqua 1500" which is non-chromate and non-phosphate. The storm drain discharges approximately 300 feet northwest of the discharger's property into a tidal canal tributary to San Leandro Bay, a water of the United States. All other wastewaters, including sanitary, process, steam-cleaning, and housecleaning wastewaters, are discharged to the municipal sanitary sewer system.
3. On April 8, 1975, the Board adopted a Water Quality Control Plan for San Francisco Bay Basin. The Basin Plan contains water quality objectives for San Leandro Bay.
4. The beneficial uses of San Leandro Bay and contiguous waters are:
 - a. Recreation
 - b. Fish migration and habitat
 - c. Habitat and resting for waterfowl and migratory birds
 - d. Industrial water supply
 - e. Esthetic enjoyment
 - f. Navigation
5. Effluent limitation and toxic effluent standards established pursuant to Sections 208(b), 301, 304, and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.

6. The Board is not required to comply with the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code (California Environmental Quality Act) as this is an NPDES permit and is exempt from such provisions per Section 13389 of the Water Code.
7. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
8. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.
9. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of hearing provided the Regional Administrator, has no objections.

IT IS HEREBY ORDERED, American Can Company, Oakland, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitations

1. Discharges to waters of the State shall be limited to those described in paragraph 2 on page 1 of this Order as going to the municipal storm drain system.
2. The discharge of any effluent in excess of the following limits is prohibited:

<u>Constituents</u>	<u>Units</u>	<u>30-Day Average</u>	<u>Daily Maximum</u>
Temperature	°F	-	80
Total Suspended Solids	lbs/day (kg/day) mg/l	0.025 (0.011) 3	0.042 (0.019) 5
Copper	lbs/day (kg/day) mg/l	0.0017 (0.00077) 0.2	0.0042 (0.0019) 0.5
Chromium (Total)	lbs/day (kg/day) mg/l	0.0020 (0.00090) 0.25	0.0042 (0.0019) 0.5

3. The discharge shall not have a pH of less than 7.0 nor greater than 8.5. In the event the intake pH is less than 7.0, the pH of the discharge shall not be less than that of the intake water, but in no case less than 6.5.

4. The daily discharge rate is obtained from the following calculation for any calendar day:

$$\text{Daily discharge rate (lbs/day)} = \frac{8.34}{N} \sum_{i=1}^N Q_i C_i'$$

$$\text{Daily discharge rate (kg/day)} = \frac{3.78}{N} \sum_{i=1}^N Q_i C_i'$$

in which N is the number of samples analyzed in any calendar day. Q_i and C_i are the flow rate (MGD) and the constituent concentration (mg/l) respectively, which are associated with each of the N grab samples which may be taken in any calendar day. If a composite sample is taken, C_i is the concentration measured in the composite sample and Q_i is the average flow rate occurring during the period over which samples are composited.

5. The 30-day average values for discharge rate or concentration shall be the arithmetic average of all the daily values calculated using the results of analyses of all samples collected during any 30-day period. If fewer than four samples are collected and analyzed during any 30 consecutive calendar day period, compliance with the 30-day average specifications shall not be determined.

B. Discharge Prohibitions

1. The discharge of steam cleaning wastes to waters of the State is prohibited.

C. Provisions

1. Neither the treatment nor the discharge of pollutants shall create a nuisance as defined in the California Water Code.
2. The discharger shall comply with all sections of this Order immediately.
3. This order includes the attached "Standard Provisions for Minor Discharges" dated October 15, 1975.
4. Discharger shall file with the Board a report of waste discharge at least 120 days before making any material change in the character (such as change in the nature or quantity of chemicals now being added to the cooling water), or in the location or volume of the discharge.
5. This Order expires on April 16, 1984, and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.

6. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.

I, Fred H. Dierker, 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 April 17, 1979.

FRED H. DIERKER
Executive Officer

Attachments:

Standard Provisions for Minor
Dischargers, 10/15/75
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

AMERICAN CAN COMPANY

OAKLAND, ALAMEDA COUNTY

NPDES NO. CA 0006033

ORDER NO. 79-39

CONSISTS OF

PART A (1/78)

AND

PART B (Ordered April 25, 1979)

PART B

I. DESCRIPTION OF SAMPLING STATIONS

A. INTAKE

<u>Station</u>	<u>Description</u>
I-001	At any point in the municipal water supply intake system prior to usage of intake water.

B. EFFLUENT

<u>Station</u>	<u>Description</u>
E-001	At any point in the main storm drain discharge line from the plant facilities between the point of connection with the City of Oakland 42" sewer and the point at which all waste tributary to the main discharge line is present.

II. SCHEDULE OF SAMPLING, ANALYSES, AND OBSERVATIONS

See Table I.

I, Fred H. Dierker, Executive Officer, do hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 79-39.
2. Does not include the following paragraphs of Part A:
C.3., C.4., C.5.a., C.5.c., C.5.d., C.5.e., D.1., D.3., D.4., E.4., F.3.e, F.3.g.(2).
3. Does include the following modification of Part A:
Paragraph F.3 is modified by requiring the filing of written reports for each calendar quarter, instead of month, by the 15 day of the month following the end of each calendar quarter.
4. Is effective on the date shown below.
5. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

Attachment:
Table I

FRED H. DIENKER
Executive Officer

Effective date April 25, 1979

TABLE I
 SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSES
 (SMP FOR ORDER 79-39)

SAMPLING STATIONS	E-001	
TYPE OF SAMPLES	C	G
Flow Rate (MGD)	E	
Total Suspended Matter (mg/L and kg/day)	E	
pH (units)		E
Temperature (°C)		E
Copper (mg/L and kg/day)	E	
Chromium (Total) (mg/L and kg/day)	E	
All Applicable Standard Observations	E	

LEGEND FOR TABLE:

Type of Samples:

- C = Composite sample - over the period of discharge.
- G = Grab sample.

Frequency of Sampling:

- E = Each occurrence of recirculating cooling water system overflow discharge to storm drains.