

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

RESOLUTION NO. 70-97

ORDERING THE UNITED STATES STEEL CORPORATION TO CEASE AND
DESIST VIOLATIONS OF WASTE DISCHARGE REQUIREMENTS PRESCRIBED
IN RESOLUTIONS NOS. 594 AND 70-88

WHEREAS THIS REGIONAL BOARD HAS CONSIDERED

INFORMATION ABOUT THIS DISCHARGE

1. The United States Steel Corporation is called the discharger below.
2. On September 17, 1964, this Regional Board adopted Resolution No. 594 prescribing requirements for the discharge of waste by the discharger's Pittsburg Works into New York Slough. On November 4, 1970, this Regional Board adopted Resolution No. 70-88 amending the requirements of Resolution No. 594 and adding requirements for a waste discharge onto land at Pittsburg Works.
3. Data collected by the discharger from December, 1969 to September, 1970 shows that the discharger is violating certain requirements of Resolution No. 594, including some requirements that Resolution No. 70-88 either continued without substantial change or made significantly more restrictive. On November 10, 12, and 17, 1970, inspections by a member of the Board's staff revealed that the discharger is violating certain of the requirements prescribed in Resolution No. 594 and Resolution No. 70-88.
4. The United States Steel Corporation was notified by certified mail that this Board would consider issuing an Order to Cease and Desist pursuant to Section 13301 of the California Water Code at a meeting duly held on November 24, 1970.
5. This Board, at its November 24, 1970 meeting, reviewed the staff report to the Board relative to this case, considered issuing an Order to Cease and Desist, and heard all interested parties present and desiring to be heard.

REGIONAL BOARD FINDINGS

1. The discharger is violating the following requirements specified in Resolution No. 594:

"The discharges of Wastes "1", "2", "3" ... shall not cause:

- a. Floating, suspended, or deposited macroscopic particulate matter of waste origin in waters of the State at any place

- b. Floating, suspended, or deposited oil or grease at any place
 - (1) Floating oil shall be considered present if its quantity is sufficient to cause iridescence of a substantial receiving water surface area, or of a substantial fraction of the receiving water surface area lying within 50 feet of any of the discharge points (Waste 3 only in violation).
- c. Turbidity or discoloration in waters of the State at any place more than 50 feet from their respective discharge points

... ..

"The discharges of Wastes "1", "2", and "3" shall not cause the waters of New York Slough to exceed the following limits of quality:

- a. At any place more than 50 feet from the discharge points for Wastes "1" and "2", or more than 100 feet from the discharge point for Waste "3"

... ..

(2) pH	6.5, minimum
	8.5, maximum"

... ..

"The wastes shall not exceed the following limits of quality in any random grab sample

- a. Settleable solids 1.0 ml/1/hr, maximum"

... ..

"The toxicity of the individual Wastes "1", "2", and "3" shall not increase above their current levels, to be determined by the discharger." (Reported 96-hour TLM values were 100%, 31%, and 95% for Wastes "1", "2", and "3", respectively.)

... ..

"Any 24-hour composite sample composed of aliquots collected at regular time intervals not greater than one hour, each aliquot being volumetrically proportional with ± 5 per cent to the actual instantaneous flow rate when collected:

... ..

- (2) Settleable solids 0.5 ml/1/hr, maximum"

2. The discharger is violating the following requirements specified in Resolution No. 70-88:

"1. The treatment or disposal of wastes shall not create a nuisance as defined in Section 13050(m) of the California Water Code.*

2. The discharges shall not:

a. Unreasonably affect any of the protected beneficial water uses resulting from:

Floating, suspended, or deposited macroscopic particulate matter, or foam in waters of the State at any place

... ..

b. Cause visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place."*

... ..

"1. Wastes "1", "2", and "3" as discharged to waters of the State shall meet these quality limits at all times:

a. In any grab sample:

pH	7.0 minimum
	8.5 maximum

Settleable matter

... ..

Any sample	1.0 ml/l/hr., maximum."*
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"b. In any representative 24-hour composite sample:

... ..

Iron, dissolved	
Any such sample	7.0 mg/l, maximum (Wastes 2 and 3 only in violation).

... ..

Zinc	1.0 mg/l, maximum (Wastes 2 and 3 only in violation)."
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"c. In any representative set of samples:

Toxicity: survival of test fishes in 96-hour bioassays of the waste as discharged

Any determination 70%, minimum

... .."

*Denotes violations inferred from data obtained before the effective date of Resolution No. 70-88 for waste discharge requirements contained therein which are either substantially the same as, or significantly more restrictive than, requirements contained in Resolution No. 594 and found to be violated by the said data.

IT IS HEREBY ORDERED BY THE REGIONAL BOARD

1. The discharger is ordered to cease and desist violating the waste discharge requirements prescribed in Resolutions Nos. 594 and 70-88 pursuant to the following time schedule:

a. Comply with the following requirements of Resolution No. 594:

Wastes "1" and "2"

Floating, suspended or deposited
macroscopic matter

Turbidity or discoloration

Toxicity

pH

Settleable solids all by December 15, 1970

Waste "3"

Floating, suspended or deposited
macroscopic matter

Floating, suspended or deposited
oil

Turbidity or discoloration

Settleable solids

Toxicity

pH all by December 15, 1970

b. Comply with all requirements of Resolution No. 70-83:

Award contracts for construction
of necessary facilities by March 1, 1971

Submit date for completion of
facilities and compliance with
requirements by March 1, 1971.

2. Pursuant to Sections 13267(b) and 13268 of the California Water Code, this Regional Board requires the discharger to file written progress reports within 15 days after each of the dates specified above. Each such report shall be accompanied by a letter signed by the discharger's plant manager or higher official, certifying that the policy-making body is adequately informed about the report.
3. Upon failure by the discharger to comply with any part of this order, this Board's Executive Officer is authorized and directed to request the Attorney General to petition the Superior Court for the proper legal relief restraining the discharger from continuing the discharge of wastes in violation of this order and to seek civil monetary remedies pursuant to Section 13350 California Water Code.

WILLIAM C. WEBER
Chairman

November 24, 1970

I, Fred H. Dierker, hereby certify that the foregoing is a true and correct copy of Resolution No. 70-97 adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, at its regular meeting on November 24, 1970.

FRED H. DIERKER
Executive Officer
CALIFORNIA REGIONAL WATER QUALITY CONTROL
BOARD - SAN FRANCISCO BAY REGION