

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

RESOLUTION NO. 70-31

ORDERING THE CITY AND COUNTY OF SAN FRANCISCO,
SAN FRANCISCO INTERNATIONAL AIRPORT TO CEASE
AND DESIST VIOLATION OF REGIONAL BOARD
REQUIREMENTS PRESCRIBED IN RESOLUTION NO. 70-25

WHEREAS THIS REGIONAL BOARD HAS CONSIDERED

ADMINISTRATIVE INFORMATION

1. On October 23, 1969, this Regional Board adopted Resolution No. 69-56 prescribing revised requirements for the waste discharge from San Francisco International Airport during an interim period until a new sewage treatment plant and outfall are constructed and placed in service.
2. On March 26, 1970 this Regional Board adopted Resolution No. 70-25 to amend Resolution No. 69-56 to make the code references consistent with the Porter-Cologne Water Quality Control Act which became operative on January 1, 1970 without making any substantive changes in the specific requirements contained therein, except for the paragraph titled "Prohibition".
3. The waste discharge requirements in Resolution No. 70-25 provide, in part, as follows:

"WASTE DISCHARGE REQUIREMENTS - RECEIVING WATERS

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The discharge 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;

Bottom deposits at any place;

Alteration of temperature, turbidity, or apparent color beyond present natural background levels in waters of the State at any place more than 50 feet from the outfall.
 - b. Cause visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place.

c. Cause waters of the State to exceed the following limits of quality at any point within one foot of the water surface:

pH	7.0 minimum	
	8.5 maximum	
Dissolved oxygen	5.0 mg/l minimum	Any sample
Dissolved sulfide	0.1 mg/l maximum	

WASTE DISCHARGE REQUIREMENTS - WASTE STREAM

The waste stream discharged to waters of the State shall meet these quality limits at all times:

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2. In any representative, 24-hour composite sample:

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

Any sample 75% minimum

Average of any three or more consecutive samples collected during any 21 or more days 90% minimum

Grease: 15 mg/l maximum

3. Bacterial concentration shall not exceed the limits prescribed in Section 7958, Title 17, California Administrative Code at any time, and it shall be met in the waste at some point in the treatment process; the Board will accept proof of effective effluent disinfection in terms of factors other than bacterial concentrations if the discharger documents a sound statistical correlation between such factors and bacterial analysis."
4. Technical and monitoring program reports submitted by San Francisco International Airport and inspections by the Board's staff indicate that the Airport is violating the requirements listed in "3" above.
5. The waste discharge requirements in Resolution No. 70-25 contain the following prohibition:

"PROHIBITION

Pursuant to Section 13243 California Water Code, the discharge of waste in excess of the following quality or quantities is prohibited:

1. Bacterial concentrations as prescribed herein.
2. Suspended matter - 750 lbs/day, maximum.*
3. 5-day, 20°C. BOD - 1500 lbs/day, maximum.*
4. Grease - 300 lbs/day, maximum.*¹¹

*Moving average for the previous four calendar weeks.

6. The discharger was served by certified mail with a notice that this Board would consider issuance of a Cease and Desist Order under provisions of Section 13301 of the California Water Code at a meeting duly held on March 26, 1970.
7. This Board did, at its meeting on March 26, 1970, review the staff report to the Board relative to this case, did consider issuance of a Cease and Desist Order and heard all interested parties present and desiring to be heard.

REGIONAL BOARD FINDINGS

1. The City and County of San Francisco, San Francisco International Airport is violating the following requirements:

WASTE DISCHARGE REQUIREMENTS - RECEIVING WATERS

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2. The discharge 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;
 - Bottom deposits at any place;
 - Alteration of temperature, turbidity, or apparent color beyond present natural background levels in waters of the State at any place more than 50 feet from the outfall.
 - b. Cause visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place.
 - c. Cause waters of the State to exceed the following limits of quality at any point within one foot of the water surface:

pH	7.0 minimum 8.5 maximum
Dissolved oxygen	5.0 mg/l minimum Any sample
Dissolved sulfide	0.1 mg/l maximum

WASTE DISCHARGE REQUIREMENTS - WASTE STREAM

The waste stream discharged to waters of the State shall meet these quality limits at all times:

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Toxicity: survival of test fishes in 96-hour bioassays of
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Any sample 75% minimum

Average of any three or
more consecutive samples
collected during any 21
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3. Bacterial concentration shall not exceed the limits prescribed in Section 7958, Title 17, California Administrative Code at any time, and it shall be met in the waste at some point in the treatment process; the Board will accept proof of effective effluent disinfection in terms of factors other than bacterial concentrations if the discharger documents a sound statistical correlation between such factors and bacterial analysis."

2. The City and County of San Francisco, San Francisco International Airport is threatening to violate the following prohibition:

"PROHIBITION

Pursuant to Section 13243 California Water Code, the discharge of waste in excess of the following quality or quantities is prohibited:

1. Bacterial concentrations as prescribed herein.
 2. Suspended matter - 750 lbs/day, maximum.*
 3. 5-day, 20°C. BOD - 1500 lbs/day, maximum.*
 4. Grease - 300 lbs/day, maximum.*"
- *Moving average for the previous four calendar weeks.

3. The discharge of waste in violation of the above prohibition will further unreasonably impair water quality.

IT IS HEREBY ORDERED BY THE REGIONAL BOARD

1. The City and County of San Francisco, San Francisco International Airport shall cease and desist the violation or threatened violation of the "PROHIBITION" contained in Resolution No. 70-25 effective June 15, 1970.
2. The City and County of San Francisco, San Francisco International Airport shall cease and desist the violation of requirements listed in item "1" under "Board Findings" and discharge wastes in compliance with requirements on or before February 1, 1971.

3. New waste discharges to the Airport sewerage system by dischargers not discharging to the system prior to the issuance of this order are prohibited pursuant to Section 13301 California Water Code.
4. Pursuant to Section 13267 California Water Code, the City and County of San Francisco, San Francisco International Airport is hereby required, under penalty of perjury, to provide this Board by April 15, 1970 with the names and addresses of dischargers connected to the sewer system as of the date of this order.
5. Upon the failure of the Discharger to comply with this order, the Executive Officer is authorized and directed to request the Attorney General to petition the Superior Court for the issuance of an injunction 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

March 26, 1970

I, Fred H. Dierker, hereby certify that the foregoing is a true and correct copy of Resolution No. 70-31 as adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, at its regular meeting on March 26, 1970.

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