CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 85-125
NPDES NO. CA0006122

WASTE DISCHARGE REQUIREMENTS FOR:

PFIZER PIGMENTS, INCORPORATED
EMERYVILLE, ALAMEDA COUNTY

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

1. Pfizer Pigments, Incorporated, hereinafter called the discharger, by application dated May 28, 1985, has applied for renewal of waste discharge requirements and permit to discharge waste under the National Pollutant Discharge Elimination System (NPDES). The discharger was formerly known as Pfizer, Incorporated.

2. This facility is engaged in the production of iron oxides that are used as pigments in paint, concrete, and other materials of construction. Product applications also exist which utilize the chemical properties of iron oxide. Spent pickle liquor is a raw material for the production of synthetic iron oxide products. All process wastewater, and all stormwater runoff from Area I of the plant, as shown in Attachment "A" which is incorporated herein and made part of this Order, is discharged to a pretreatment system for discharge to the sanitary sewer system.

3. The discharger currently discharges stormwater runoff from Area II, designated in Attachment "A", into Temescal Creek, which is tributary to San Francisco Bay, both waters of the United States.

4. The discharge is presently regulated by Waste Discharge Requirements of Order Nos. 75-49 and 80-34, which allow discharge into temescal Creek and Francisco Bay.

5. The Regional Board adopted a revised Water Quality Control Plan for the San Francisco Bay Region (Basin Plan) on July 21, 1982. The Basin Plan contains water quality objectives for Temescal Creek and San Francisco Bay.

6. The beneficial uses of Temescal Creek and San Francisco Bay are:

   a. Water contact recreation

b. Noncontact water recreation
c. Navigation
d. Ocean commercial and sport fishing
e. Wildlife habitat
f. Fish spawning and migration
g. Industrial service and process supply
h. Shellfish harvesting
i. Esturine habitat
j. Preservation of rare and endangered species

7. Effluent limitation and toxic and pretreatment effluent standards established pursuant to Sections 208(b), 301, 304, and 307 of the Clean Water Act and amendments thereto are applicable to the discharge.

8. Effluent limitation guidelines requiring the application of best available technology economically achievable (BAT) for this point source category have not been promulgated by the U. S. Environmental Protection Agency. Effluent limitations of this Order are based on the Basin Plan, State Plans and Policies, and best professional judgment. The limitations are considered to be those attainable by BAT, in the judgment of the Board.

9. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000 of Division 13) of the Public Resources Code (CEQA) pursuant to Section 13389 of the California Water Code.

10. 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 recommendation.

11. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that Pfizer Pigments, Inc., 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. Discharge Prohibitions

The discharge of process and sanitary wastes, and stormwater runoff from Area I to waters of the State is prohibited.

B. Effluent Limitations

The discharge of stormwater runoff from Area II shall not exceed those quantities remaining after the following measures have been taken: Area II shall be kept free of iron oxide

pigments and other process materials or wastes which could pollute stormwater runoff from the area.

C. Receiving Water Limitations

1. The discharge of stormwater runoff shall not cause the following conditions to exist in waters of the State at any place:

   a. Floating, suspended, or deposited macroscopic particulate matter or foam.

   b. Bottom deposits or aquatic growths;

   c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels;

   d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;

   e. Toxic or other deleterious substances to be present in waters of the state in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.

2. The discharge of waste shall not cause the following limits to be exceed in waters of the State in any place within one foot of the water surface:

| | |
|---|---|
| a. Dissolved Oxygen | 5.0 mg/l minimum. Median of any three consecutive months shall not be less than 80% saturation. When natural factors cause lesser concentrations(s) than those specified above, then this discharge shall not cause further reduction in the concentration of dissolved oxygen. |
| b. pH | Variation from natural ambient pH by more than 0.5 pH units. |

3. The stormwater discharge shall not cause a violation of any other applicable water quality standard for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder.

If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

D. Provisions

1. This Board's Order No. 75-49 is hereby rescinded.

2. The discharger shall comply with all sections of this Order immediately upon adoption.

3. The discharger shall prepare and update annually a contingency plan as required by Board Resolution No. 74-10. The discharge of pollutants in violation of this Order, where the discharer has failed to develop and/or implement a contingency plan, will be basis for considering such discharge a willful and negligent violation of this Order pursuant to Section 13387 of the California Water Code.

4. The discharger shall comply with the self-monitoring program as adopted by the Board and as may be amended by the Executive Officer.

5. The discharger shall comply with all items of the attached "Standard Provisions, Reporting Requirements and Definitions", dated April 1977, except Items A.5, A.12, and B.5.

6. All applications, reports, or information submitted to the Regional Board shall be signed and certified pursuant to Environmental Protection Agency regulations (40CFR 122.41K).

7. Pursuant to Environmental Protection Agency regulations (40 CFR 122.42(a)), the discharger must notify the Regional Board as soon as it knows or has reason to believe (1) that they have begun or expect to begin the use or manufacture of a pollutant not reported in the permit application, or (2) a discharge of toxic pollutants not limited by this permit has occurred, or will occur, in concentrations that exceed the specified limits.

8. This Order expires November 20, 1990. The discharger must file a report of waste discharge in accordance with Title 23, Chapter 3, Subchapter 9 of the California Administrative Code not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.

9. This Order shall serve as a National Pollutant Discharge Elimination System Permit pursuant to Section 402 of the Clean Water Act or amendments thereto, and shall become effective 10 days after the date of its adoption, provided that the Regional Administrator of the Environmental Pro-

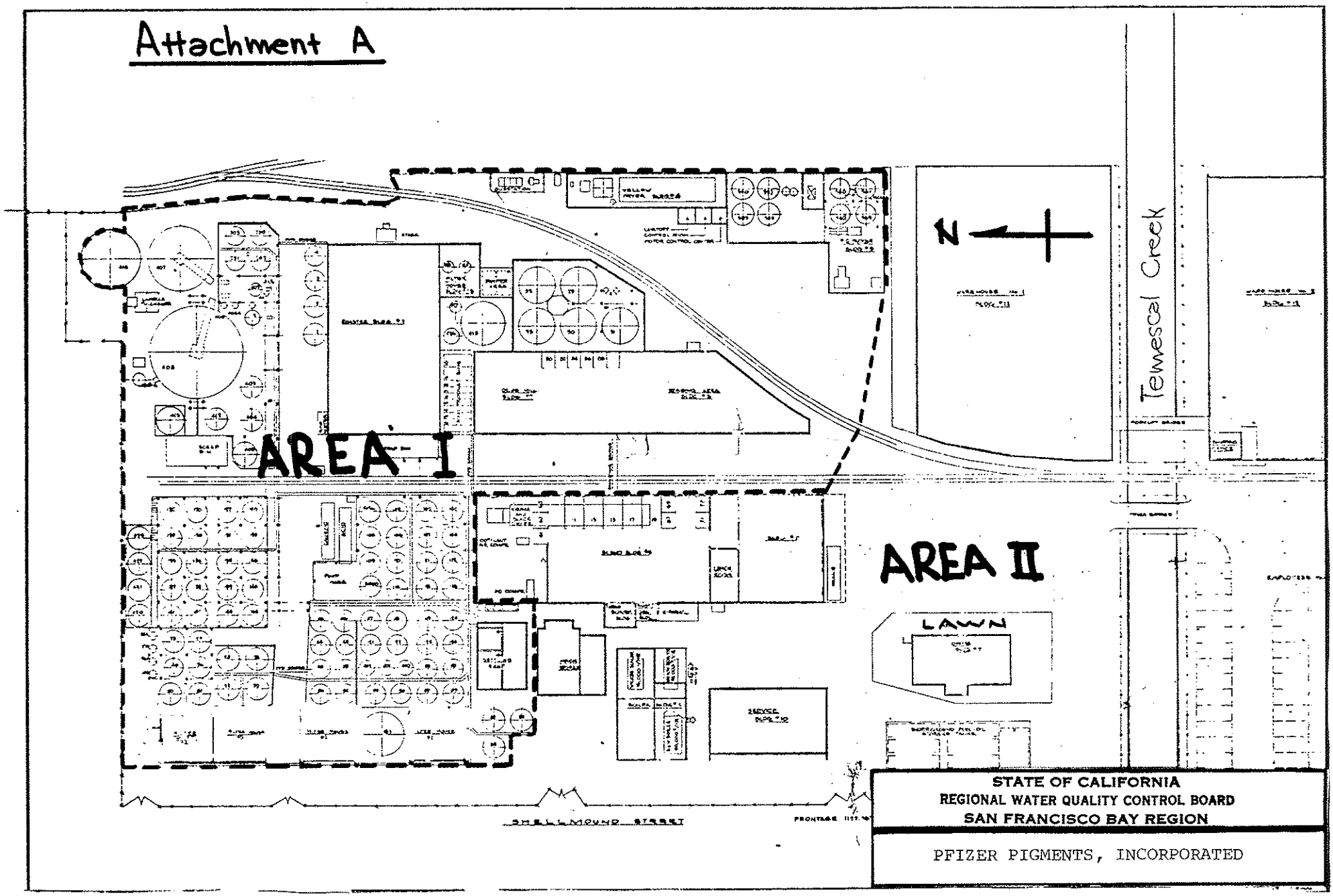
tection Agency, has no objection. If the Regional Administrator objects to its issuance, the permit shall not become effective until such objection is withdrawn.

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 Baord, San Francisco Bay Region on November 20, 1985.

ROGER B. JAMES
Executive Officer

Attachments:
- Attachment A (Map)
- Standard Provisions & Reporting Requirements, April 1977
- Self-Monitoring Program
- Resolution 74-10

# Attachment A



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

# SELF-MONITORING PROGRAM

FOR

PFIZER PIGMENTS, INCORPORATED

4650 SHELLMOUND STREET

EMERYVILLE, CA 94662-0905

NPDES NO. CA0006122

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

PFIZER PIGMENTS, INCORPORATED
4650 SHELLMOUND STREET
EMERYVILLE, CA 94662-0905

A. GENERAL

1. Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268 and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program are: (1) to document compliance with waste discharge requirements and prohibitions established by this Regional Board; (2) to facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge; (3) to develop or assist in the development of effluent or other limitations, discharge prohibitions, national standards of performance, pretreatment and toxicity standards, and other standards; and (4) to prepare water and wastewater quality inventories.

2. Self-Monitoring Program

Written reports shall be filed quarterly. The reports shall be comprised of the following:

Letter of Transmittal

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past month and actions taken or planned for correcting violations, such as operation modifications and/or facilities expansion. Monitoring reports and the letter transmitting reports shall be signed by either a principal executive officer, ranking elected official, or other duly authorized employee.

The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

3. Annual Reporting

By January 30 of each year, the discharger shall submit an annual report to the Regional Board covering the previous calendar year. The report shall contain a comprehensive discussion of the compliance record and the corrective actions taken or planned which may be needed to bring the discharger into full compliance with the waste discharge requirements.

B. MONITORING SPECIFICATIONS

Monthly, the discharger shall inspect his plant area, and waste treatment facilities and Temescal Creek and report on the following:

1. Inspect Area I for diversion of drainage to the process waste pretreatment system.

2. Inspect Area II for deposition of process material or wastes in locations where it could pollute stormwater runoff

3. Inspect Temescal Creek along the reach adjacent to plant property and report on:

   a. Suspended, floating, or deposited wastes originating from plant property;

   b. Deposition or discoloration of channel banks by wastes from plant property.

C. REPORTS TO BE FILED WITH THE REGIONAL BOARD

Violation of Requirements

In the event the discharger is unable to comply with conditions of the waste discharge requirements and prohibitions due to:

a. Maintenance work, power failures, or breakdown of waste treatment equipment, or

b. Accidents caused by human error or negligence, or

c. Other causes such as acts of nature,

the discharger shall notify the Regional Board office by telephone immediately upon obtaining knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and an explanation of the procedures taken to prevent the problem from recurring.

I, Roger B. James, Executive Officer, 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 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 85-125.

2. Is effective on the date shown below.

3. 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.

ROBER B. JAMES
Executive Officer

DATE ORDERED November 25, 1985