

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
 CENTRAL COAST REGION  
 1102-A Laurel Lane  
 San Luis Obispo, California 93401

ORDER NO. 87-11

WASTE DISCHARGE REQUIREMENTS  
 FOR  
KOPPERS COMPANY, INC.  
KAISER SAND AND GRAVEL, FELTON PLANT  
SANTA CRUZ COUNTY

The California Regional Water Quality Control Board, Central Coast Region, (hereafter Board), finds:

1. Koppers Company, Inc. (hereafter Discharger), P.O. Box 580, Pleasanton, CA 94566, owns and operates the Kaiser Sand and Gravel, Felton Plant located one mile northwest of Scotts Valley. Raw material is dry quarried from an open pit, screened, and washed at the site. The plant and quarry are in T10S, R2W, MD B&M, Sections 23 and 24 as shown on Attachment "A" of this order.
2. Discharge consists of a variable amount of sand washwater, truck washwater, and storm runoff. Sand washwaters are discharged to a settling pond and recirculated. Truck washwater, and storm-water runoff is contained in several percolation ponds on the discharger's property. Storm water runoff directed to lower settling ponds may be pumped to several larger percolation ponds. Make-up water is added as needed from on-site wells.
3. The percolation and settling ponds are located on sloping topography (2-20%) consisting of sandy soil.
4. Bean Creek is located about 500 feet north of the quarry and flows in a westerly direction.
5. These waste discharge requirements are being revised and updated. This discharge has been regulated by the Board since December 16, 1958.
6. The Water Quality Control Plan, Central Coastal Basin, (Basin Plan) was adopted by the Board on March 14, 1975, and approved by the State Water Resources Control Board on March 20, 1975. The Basin Plan incorporates statewide plans and policies by reference and contains a strategy for protecting beneficial uses of State waters.
7. Present and anticipated beneficial uses of groundwater in the vicinity of the discharge include:
  - a. Domestic Supply;
  - b. Agricultural supply; and,
  - c. Industrial supply.

8. Present and anticipated beneficial uses of Bean Creek that could be affected by the discharge include:
- |                                 |                                  |
|---------------------------------|----------------------------------|
| a. Municipal & Domestic supply; | f. Non-contact water recreation; |
| b. Agricultural supply;         | g. Wildlife habitat;             |
| c. Industrial service supply;   | h. Cold freshwater habitat;      |
| d. Ground water recharge;       | i. Fish migration; and,          |
| e. Water contact recreation;    | j. Fish spawning.                |
9. Domestic wastewater from the plant is discharged to a septic tank/leachfield system which is excluded from this Order.
10. These waste discharge requirements are for an existing facility and are exempt from provisions of the California Environmental Quality Act (Public Resources Code, Section 21100, et seq.) in accordance with Section 15301, Chapter 3, Title 14, of the California Administrative Code.
11. Discharge of waste is a privilege, not a right, and authorization to discharge is conditional upon the discharge complying with provisions of Division 7 of the California Water Code and any more stringent effluent limitations necessary to implement water quality control plans, to protect beneficial uses, and to prevent nuisance. Compliance with this Order should assure this and mitigate any potential adverse changes in water quality due to the discharge.
12. On November 5, 1986, the Board notified the Discharger and interested agencies and persons of its intent to revise waste discharge requirements for the discharge and has provided them with a copy of the proposed order and an opportunity to submit written views and comments.
13. After considering all comments pertaining to this discharge during a public hearing on January 16, 1987, this Order was found consistent with the above findings.

IT IS HEREBY ORDERED, pursuant to authority in Section 13263 of the California Water Code, Koppers Company, Inc., its agents, successors, and assigns, may discharge waste at its Kaiser Sand and Gravel Felton Plant providing compliance is maintained with the following:

(Note: other prohibitions and conditions, definitions, and the method of determining compliance are contained in the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January, 1984. Applicable paragraphs are referenced in paragraph D.3. of this Order.)

A. Prohibitions

1. Discharge to areas other than the settling and percolation ponds shown in Attachment "A", is prohibited.
2. Discharge of any wastes to the settling and percolation ponds, other than sand washwater, truck washwater, and storm runoff from the quarry site, is prohibited.

B. Discharge Specifications

1. Discharge to the settling and percolation ponds shall not have a pH less than 6.5 or greater than 8.4.
2. Freeboard shall exceed two feet in settling and percolation ponds.
3. Ponds and material storage areas shall be protected from flooding or washout occurring as a result of floods with a predicted frequency of once in 10 years.
4. The discharger shall have sufficient land available for wastewater disposal to contain all process waters and storm runoff from stockpile and process areas.

C. Ground Water Limitations

1. The discharge shall not cause concentrations of chemicals and radionuclides in groundwater to exceed limits set forth in Title 22, Chapter 15, Articles 4 and 5 of the California Administrative Code.

D. Provisions

1. Order No. 79-58, "Waste Discharge Requirements for Kaiser Sand and Gravel, Felton Plant, Santa Cruz County", adopted by the Board on September 14, 1979, is hereby rescinded.
2. Discharger shall comply with "Monitoring and Reporting Program No. 87-11", as specified by the Executive Officer.
3. Discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January, 1984, except item nos. A.4, A.5, A.8, A.13, A.17, C.9 and C.16.
4. Pursuant to Title 23, Chapter 3, Subchapter 9, of the California Administrative Code, the Discharger must submit a written report to the Executive Officer not later than July 1, 1991, addressing:

- a. Whether there will be changes in the continuity, character, location, or volume of the discharge; and,
- b. Whether, in their opinion, there is any portion of the Order that is incorrect, obsolete, or otherwise in need of revision.

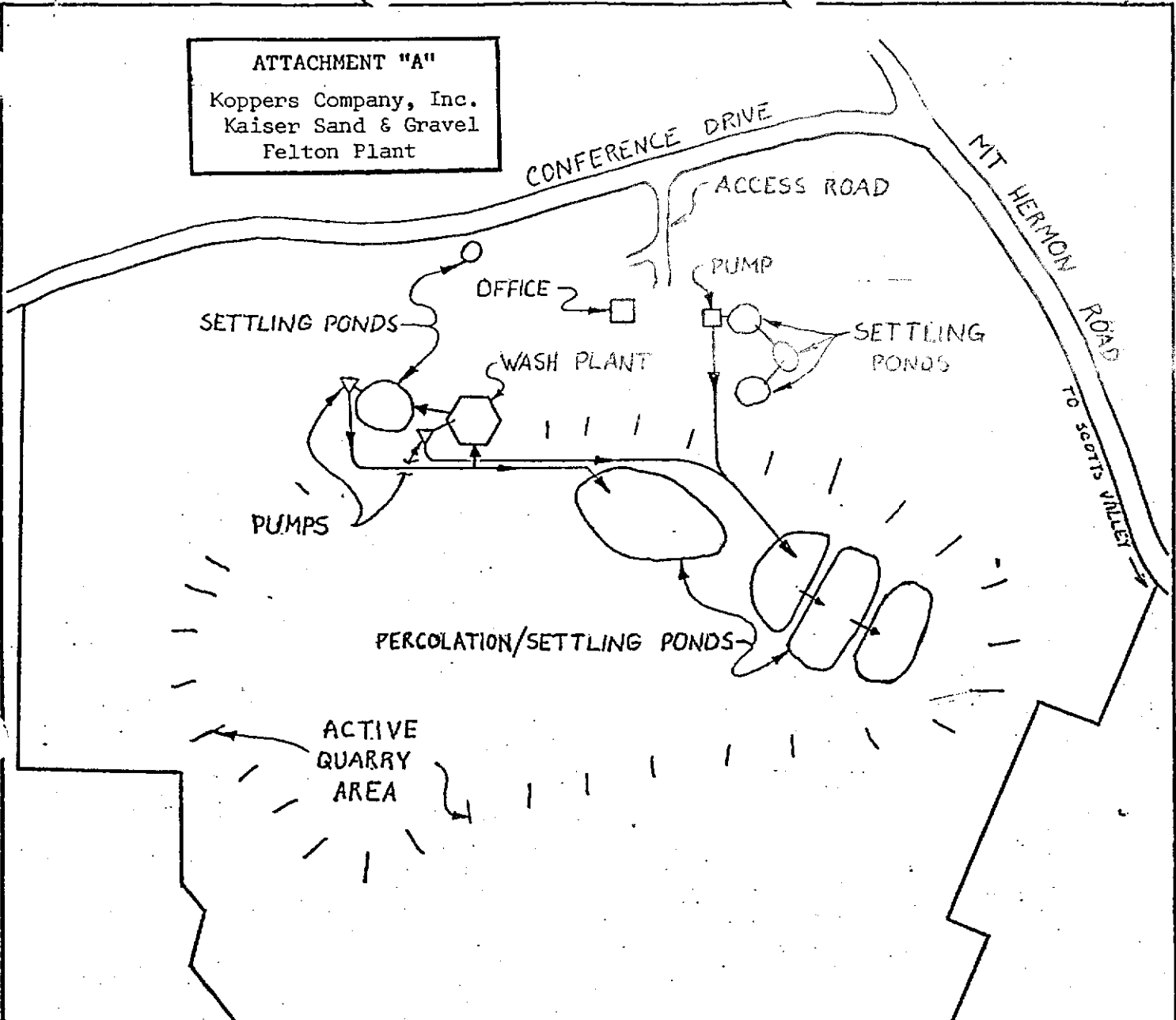
I, KENNETH R. JONES, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Coast Region, on January 16, 1987.

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Executive Officer

ATTACHMENT "A"

Koppers Company, Inc.  
Kaiser Sand & Gravel  
Felton Plant



APPROXIMATE SCALE:  
1" = 600'

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL COAST REGION

MONITORING AND REPORTING PROGRAM NO. 87-11

FOR  
KOPPERS COMPANY, INC.  
KAISER SAND AND GRAVEL,  
FELTON PLANT,  
SANTA CRUZ COUNTY

ROUTINE REPORTING

By October 1, of each year, the Discharger shall submit a report to this Board confirming that all wastewater containment facilities have been cleaned and maintained sufficiently to operate as designed and contain all storm runoff and process water on the site during the coming year.

EXCEPTION REPORTING

In the event of an equipment breakdown or system failure, the Discharger shall comply with Standard Provision C.3. contained in Order No. 87-11.

ORDERED BY

Executive Officer

January 16, 1987

Date