

IN THE MATTER OF)
AMOCO CHEMICAL COMPANY)
DECATUR, ALABAMA)
NPDES PERMIT NUMBER AL0000108)

Order Number: 88-041-WP

FINDINGS OF FACT

Pursuant to the Provisions of the Alabama Environmental Management Act, Code of Alabama 1975, §§22-22A-16 (1984 and 1986 Cum. Supp.), The Alabama Water Pollution Control Act, Code of Alabama 1975, §§22-22-1 through 22-22-14 (1984 and 1986 Cum. Supp.), and the National Pollutant Discharge Elimination System administered by the Alabama Department of Environmental Management (hereinafter "The Department") and approved by the administrator of the U.S. Environmental Protection Agency pursuant to the Federal Water Pollution Control Act §§402, 33 U.S.C. S 1342, the Department makes the following:

FINDINGS OF FACT

1. Amoco Chemical Company (hereinafter "The Permittee") operates an organic chemical manufacturing facility in Decatur, Alabama.
2. The permittee was issued NPDES Permit Number AL0000108 by the Department authorizing the discharge of pollutants to the Tennessee River, a water of the State, subject to certain limitations, terms and conditions.
3. Among the limitations, terms, and conditions of NPDES Permit Number AL0000108 are daily maximum and daily average discharge limitations for quantities (lbs/day) of biochemical oxygen demand (5 day) (BOD_5), and total suspended solids (TSS). The permit requires compliance with these limitations by March 31, 1989. Said discharge limitations are as follows:

PARAMETER	DAILY AVERAGE	DAILY MAXIMUM
BOD_5	723 lbs/day	1929 lbs/day
TSS	1109 lbs/day	3594 lbs/day

ISSUED 4/11/88	SERVED
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4. The permittee has previously submitted monitoring data which exceeds the above permit limitations.
5. The permittee's existing wastewater treatment facility was not designed to achieve compliance with the above permit limitations and are therefore, not capable of treating the permittee's effluent to within the above permit limitations without significant modification to the treatment facility.
6. The permittee has not modified its process or treatment facility to be able to lower the level of pollutants in the permittee's effluent to within the above permit limitations.
7. Based on information submitted by the permittee, compliance can be achieved by March 31, 1990 after installation of an additional Anaerobic Wastewater Treatment System.
8. The Anaerobic Wastewater Treatment System will eliminate the need for approximately half of the expenditure required by other treatment alternatives, it will consume less energy due to the production of methane which can be used for boiler fuel, and it will reduce horsepower requirements needed for aeration.


ORDER

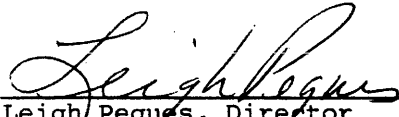
Based upon the foregoing Findings of Fact and pursuant to Code of Alabama 1975, §§22-22A-5(10), 22-22-9(1) (1984 and 1986 Cum. Sup.) and the national pollutant discharge elimination system administered by the Department pursuant to the Federal Water Pollution Control Act, §402, 33 U.S.C. 1342, It is hereby ordered.

- A. That not later than March 31, 1990, the permittee shall have attained compliance and shall remain in compliance with the limitations, terms and conditions of NPDES permit number AL0000108.

- B. That not later than September 1, 1988 the permittee shall submit to the Department plans and specifications for modifications of/or additions to existing wastewater treatment facilities which will achieve compliance with the terms, limitations, and conditions of its NPDES Permit. Said plans shall be prepared and certified in accordance with ADEM Administrative Code R. 6-3-0.1 through 6-3-.09 by a registered professional engineer licensed to practice in Alabama and shall describe in detail the measures to be taken to comply with the permittee's SID Permit.
- C. That failure to comply with the provisions of this Order and/or NPDES Permit Number AL0000108 shall constitute cause for the revocation of NPDES Permit Number AL0000108 and for the commencement of legal action for the recovery of civil penalties, criminal fines or other appropriate relief by the Department or other against the permittee and/or any responsible corporate officer thereof.
- D. That the failure of Amoco Chemical Company to comply with any of the provisions of this Order shall constitute cause for the commencement of Legal Action for the recovery of civil penalties, criminal fines or other appropriate relief.

ORDERED AND ISSUED THIS 11th day of April 1988.




Leigh Pegues, Director
Alabama Department of Environmental
Management
1751 Federal Drive
Montgomery, Alabama 36130

CERTIFICATE OF SERVICE

I hereby certify that I have served Order Number 88-041-WP upon the Amoco Chemical Company by sending the same, postage paid, through the United States Mail as Certified Mail, with instructions to forward and return receipt requested to:

Mr. T. M. Christopher
Plant Manager
Amoco Chemical Company
P. O. Box 2215
Decatur, AL 35602

Done this 11th day of April 1988.


Charles R. Horn