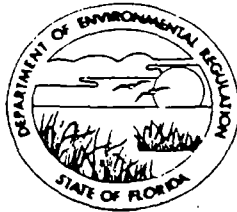


DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR

DALE TWACHTMANN
SECRETARY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT

Mr. Hudson C. Smith
General Manager
Occidental Chemical Agricultural
Products, Inc.
Post Office Box 300
White Springs, Florida 32906


February 4, 1987

Enclosed is Permit Number AC 24-119008 to Occidental Chemical Agricultural Products, Inc. which authorizes the construction of a sulfur pellet storage and handling facility at the Swift Creek Chemical Complex in White Springs, Hamilton County, Florida. This permit is issued pursuant to Section 403, Florida Statutes.

Any Party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

Copies furnished to:

W. W. Atwood
W. M. Miller
J. D. B. Kuersteiner

J. B. Koogler
B. Stewart

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on Feb. 5, 1987 to the listed persons.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Patricia B. Adams Feb. 5, 1987
Clerk Date

Final Determination

Occidental Chemical Agricultural Products, Inc.
White Springs, Hamilton County, Florida

Sulfur Pellets Storage and Handling Facility
(Swift Creek Chemical Complex)

Permit No. AC 24-119008

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting

January 30, 1987

Final Determination

The application by Occidental Chemical Agricultural Products, Inc., for a permit to construct a sulfur pellet storage and handling facility at their existing Swift Creek Chemical Complex in White Springs, Hamilton County, Florida, has been reviewed by the Bureau of Air Quality Management. Public Notice of the Department's Intent to Issue the permit was published in the Jasper News on November 27, 1986.

A comment was received from John Koogler on behalf of Occidental requesting a change in Specific Condition No. 6 of the proposed permit (see attachment 6). The department is in agreement with the request that Occidental supply the department with proof of compliance with "standard sulfur pellets" specifications 15 days prior to receiving the solid sulfur instead of 90 days as currently proposed.

The final action of the department will be to issue the permit as proposed in the preliminary determination with an amended Specific Condition No. 6 as per Occidental's request.

Specific Condition No. 6

From: A minimum of 90 days prior to receiving sulfur pellets, the permittee shall submit adequate proof of the solid sulfur being "standard sulfur pellets" as defined in Rule 17-2.100(179), FAC, and details of the water spray system (referred to in the permit application), to the Central Air Permitting office (CAPs) and to the DER's District office for approval.

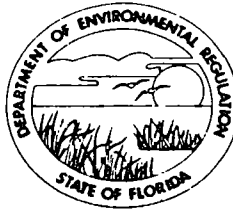
To: A minimum of 15 days prior to purchasing or shipping sulfur pellets from a supplier, the permittee shall submit adequate proof of the solid sulfur being standard sulfur pellets as defined in Rule 17-2.100(179), FAC, and also submit details of the water spray system (referred to in the permit application) at least 90 days prior to receiving sulfur pellets, to the Central Air Permitting Office (CAPs) and to the DER's district office for approval.

The final action of the Department will be to issue the permit as proposed in the Preliminary Determination with the above mentioned amendments.

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR

DALE TWACHTMANN
SECRETARY

PERMITTEE:
Occidental Chemical Agricultural
Products, Inc.
P. O. Box 300
White Springs, Florida 32096

Permit Number: AC 24-119008
Expiration Date: December 31, 1989
County: Hamilton
Latitude/Longitude: 30° 25' 56"N/
83° 47' 51"W
Project: Sulfur Pellet Storage and
Handling Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

For the construction of a sulfur pellet storage and handling facility consisting of a sulfur receiving building, covered conveying system, open storage system, and a facility-wide water spray system.

Construction shall be in accordance with the attached permit application unless otherwise stated in the General and Specific Conditions herein.

Attachments are as follows:

1. Occidental's application package dated April 16, 1986.
2. DER's letter dated May 15, 1986.
3. Occidental's response dated July 1, 1986.
4. DER's letter for additional information dated July 30, 1986.
5. Occidental's response dated September 29, 1986.
6. Letter from John Koogler to DER dated November 19, 1986.

PERMITTEE:
Occidental Chemical Agricultural
Products, Inc.

Permit Number: AC 24-119008
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, unless specifically authorized by an order from the department.

PERMITTEE:
Occidental Chemical Agricultural
Products, Inc.

Permit Number: AC 24-119008
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Occidental Chemical Agricultural
Products, Inc.

Permit Number: AC 24-119008
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Occidental Chemical Agricultural
Products, Inc.

Permit Number: AC 24-119008
Expiration Date: December 31, 1989

GENERAL CONDITIONS:

- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by department rule.
- c. Records of monitoring information shall include:
- the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The maximum annual throughput of sulfur pellets at this facility shall not exceed 300,000 tons per year (TPY). The maximum storage capacity of the open storage pile shall not exceed 150,000 tons.

2. The maximum operating hours and rates of the sulfur pellets processing activities shall not exceed:

PERMITTEE:
Occidental Chemical Agricultural
Products, Inc.

Permit Number: AC 24-119008
Expiration Date: December 31, 1989

SPECIFIC CONDITIONS:

Operation	TPH	TPD	Hrs/Day
Sulfur Unloading - Railcar	1000	10,000	10
Truck	600	14,400	24
Conveyor to Storage	1000	14,400	24
Recovery from Storage	70	1,680	24
Conveyor to Melter	70	1,680	24
Melter	70	1,680	24

Note: TPH is tons per hour, TPD is tons per day. The melter is permitted to be used for both vat-recovered sulfur and sulfur pellets, but is still restricted to 300,000 TPD maximum throughput..

3. The primary emissions from the sulfur pellet storage and handling facility shall not exceed 10 tons per year, of sulfur particulate matter.
4. Visible emissions shall not exceed 10% opacity from any source or activity in the sulfur pellet facility, as determined by DER Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources.
5. All applicable emission limiting precautions and procedures specified in this permit application and in Rule 17-2.600(11), FAC, shall be followed at all times.
6. A minimum of 15 days prior to purchasing or shipping sulfur pellets from the supplier, the permittee shall submit adequate proof of the solid sulfur being standard sulfur pellets as defined in Rule 17-2.100(179), FAC, and also submit details of the water spray system (referred to in the permit application) at least 90 days prior to receiving sulfur pellets, to the Central Air Permitting Office (CAPS) and to the DER's district office for approval.
7. A 15 day prior notice shall be given to DER's District office of the compliance testing dates.
8. Initial and annual compliance tests shall be conducted at 90-100% of the permitted equipment capacities using DER Method 9, for all sources in the sulfur pellet facility.

PERMITTEE:
Occidental Chemical Agricultural
Products, Inc.

Permit Number: AC 24-119008
Expiration Date: December 31, 1989

SPECIFIC CONDITIONS:

9. The permittee shall submit a Sulfur Deposition and an Ambient Air Monitoring Plan to CAPS for approval, within 90 days of issuance of this permit. These monitoring plans shall be implemented for a minimum of 2 years from the date of issuance of the initial operating permit. Monitoring may be required beyond the initial 2 years should the department deem it necessary at the end of the initial monitoring period.

10. The following shall be submitted for approval to DER's District office within 45 days of completion of compliance tests, and a minimum of 90 days before the expiration date of this permit (copy to CAPS):

- a) Compliance test results of DER Method 9.
- b) Initial sulfur deposition monitoring report conducted according to Rule 17-2.753(2), FAC (DER Reference Method for Monitoring the Deposition of Sulfur Particulate).

11. Upon obtaining an operating permit the permittee will be required to submit annual reports on the actual operation and emissions of the sources to the DER's District office.

12. Any change in the method of operation, equipment, or operating hours shall be submitted for approval to the Department's District office.

13. An emissions summary is tabulated below for inventory purposes only. Emission estimates have been calculated in accordance with the method prescribed in Rule 17-2, FAC.

Source/Activity	Suspended Particulate (TPY) up to 30 u.	Total Particulate (TPY)
Receiving Building	0.034	0.073
Transfer to Storage	0.170	0.357
Recovery by Payloaders	0.142	0.298
Vehicle Traffic	2.634	5.531
Wind Erosion	1.408	2.957
Transfer to Melter	0.038	0.102
Static Melter	0.030	0.030
Total		9.348

PERMITTEE:
Occidental Chemical Agricultural
Products, Inc.

Permit Number: AC 24-119008
Expiration Date: December 31, 1989

SPECIFIC CONDITIONS:

14. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, the Department must be notified in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (Rule 17-4.09, FAC)

15. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (Rules 17-4.22 and 17-4.23, FAC)

16. If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (Rule 17-4.10, FAC)

Issued this 2 day of Feb., 1987

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION

Howard L. Rhodes

Howard L. Rhodes, P.E.
Director, Division of Environmental
Programs

_____ pages attached

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION



Interoffice Memorandum

FOR ROUTING TO OTHER THAN THE ADDRESSEE	
To: <u>Clair Fancy</u>	LOCTN: <u>BAZM</u>
To: _____	LOCTN: _____
To: _____	LOCTN: _____
FROM: _____	DATE: _____

RECEIVED
FEB 2 1987

DIRECTOR - PROGRAMS

TO: Howard Rhodes
FROM: Clair Fancy *CF*
DATE: January 30, 1987
SUBJ: Approval of Air Construction Permit

Attached for your approval and signature is one air construction permit to Occidental Chemical Agricultural Products, Inc. to construct a sulfur pellet storage and handling facility at the Swift Creek Chemical Complex in White Springs, Hamilton County, Florida.

Day 90, after which the permit would be issued by default, is February 10, 1987.

The Bureau recommends your approval and signature.

CF/pa

Attachment

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.
 Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- 1. Show to whom, date and address of delivery.
- 2. Restricted Delivery.

3. Article Addressed to:
 Mr. Hudson C. Smith
 Occidental Chemical
 P. O. Box 300
 White Springs, FL32906

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	P 408 531 159

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee

X

6. Signature - Agent

X

Clarence Rogers

7. Date of Delivery

2-13-87

8. Addressee's Address (ONLY if requested and fee paid)

DOMESTIC RETURN RECEIPT

P 408 531 159

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Hudson C. Smith	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date 2/5/87	

PS Form 3800, Feb. 1982