

Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT

Mr. Kenneth V. Ford
Manager of Environmental Affairs
Seminole Fertilizer Corporation
P. O. Box 471
Bartow, Florida 33830

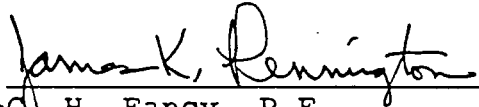
April 3, 1990

Enclosed is construction permit No. AC 53-176936 for Seminole Fertilizer Corporation to modify the No. 5 Phosphoric Acid Plant at your phosphate fertilizer facility located west of Bartow, Polk 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


James K. Remington
for H. Fancy, P.E.
Chief
Bureau of Air Regulation

Copy furnished to:

Bill Thomas, SW District
Ralph Remmert, P.E.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on 4-3-90.

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.

David J. Ober
Clerk

4-3-90
Date

Final Determination

Seminole Fertilizer Corporation
Bartow, Polk County, Florida

No. 5 Phosphoric Acid Plant Modification
Permit No. AC 53-173936

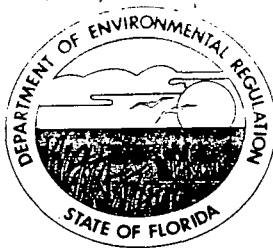
Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation

March 30, 1990

Final Determination

The Technical Evaluation and Preliminary Determination for the permit to construct (modify) the No. 5 Phosphoric Acid Plant at Seminole Fertilizer Corporation's phosphate fertilizer facility located west of Bartow, Polk County, Florida, was distributed on February 8, 1990. The Notice of Intent to Issue was published in the Polk County Democrat on March 15, 1990. Copies of the evaluation were available for public inspection at the Department's offices in Tallahassee and Tampa.

No comments were submitted on the Department's Intent to Issue the permit. The final action of the Department will be to issue construction permit No. AC 53-173936 as proposed in the Technical Evaluation and Preliminary Determination.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

PERMITTEE:
Seminole Fertilizer Corp.
P. O. Box 471
Bartow, Florida 33830

Permit Number: AC 53-173936
Expiration Date: September 1, 1990
County: Polk
Latitude/Longitude: 27°54'17"N
81°54'56"W
Project: No. 5 Phosphoric Acid
Plant Modification

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 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 drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Modifications to the No. 5 phosphoric acid plant to increase the feed from 67.5 to 92 TPH P_2O_5 input by reactivation of the Prayon 18-B filter, evaporator, and Doyle scrubber-demister of the No. 3 phosphoric acid plant and the installation of slurry and phosphoric acid piping between the two phosphoric acid plants. These plants are part of the phosphate fertilizer complex (SIC 2874) located on U.S. Highway 60 W, Bartow, Polk County, Florida. The UTM coordinates of this plant are Zone 17, 409.9 km E and 3,086.8 km N.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Application received December 13, 1989.
2. Seminole Fertilizer Corp. letter dated January 5, 1990.

PERMITTEE:
Seminole Fertilizer Corp.

Permit Number: AC 53-173936
Expiration Date: September 1, 1990

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

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. Neither 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 is not 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, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; 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:
Seminole Fertilizer Corp.

Permit Number: AC 53-173936
Expiration Date: September 1, 1990

GENERAL CONDITIONS:

6. The permittee shall 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 and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor 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 provide the Department with the following information:

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

PERMITTEE:
Seminole Fertilizer Corp.

Permit Number: AC 53-173936
Expiration Date: September 1, 1990

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 for 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 involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

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 17-4.120 and 17-30.300, F.A.C., 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 or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

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

14. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

PERMITTEE:
Seminole Fertilizer Corp.

Permit Number: AC 53-173936
Expiration Date: September 1, 1990

GENERAL CONDITIONS:

b. The permittee shall hold 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) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained 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 dates 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 corrected promptly.

SPECIFIC CONDITIONS:

1. The modified No. 5 phosphoric acid plant shall comply with all applicable requirements of 40 CFR 60, Subpart T (July 1, 1988), Standards of Performance for the Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants. Applicable requirements include total fluoride emissions from the plant not exceeding 0.02 lbs/TP₂O₅ input (40 CFR 60.202) and the operation monitoring requirements of 40 CFR 60.203.

2. Input to the attack tank shall not exceed 92 TPH P₂O₅ (300 TPH of wet phosphate rock).

PERMITTEE:
Seminole Fertilizer Corp.

Permit Number: AC 53-173936
Expiration Date: September 1, 1990

SPECIFIC CONDITIONS:

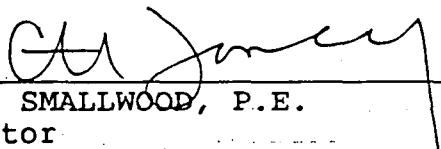
3. The plant may operate for up to 8400 hours per year.
4. The permittee shall maintain records that can be used to determine compliance with Specific Conditions Nos. 2 and 3.
5. Fluoride emissions as determined by EPA Methods 13A or 13B which is described in 40 CFR 60, Appendix A (July 1, 1988) shall not exceed 1.5 lbs/hr from the Welman-Lord packed cross-flow scrubber serving the No. 5 phosphoric acid plant, 0.3 lbs/hr from the Doyle scrubber/demister serving the reactivated filter of the No. 3 phosphoric plant, and a total of 0.02 lbs/TP₂O₅ input for both scrubbers serving the modified No. 5 phosphoric acid plant.
6. The permittee shall minimize the escape of unconfined emissions by keeping covers on process equipment, prompt clean up of rock spills within the plant, and cleaning or wetting areas used by vehicles.
7. Before this construction permit expires, the permittee shall sample the plant for fluoride emissions while it is operating as near as practical to its permitted capacity.
8. The permittee shall notify the Department's Southwest District at least 15 days prior to any compliance test.
9. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).
10. An application for an operation permit must be submitted to the Department's Southwest District office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rule 17-4.220).

PERMITTEE:
Seminole Fertilizer Corp.

Permit Number: AC 53-173936
Expiration Date: September 1, 1990

Issued this 30 day
of March, 1990

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

for 

STEVE SMALLWOOD, P.E.
Director
Division of Air Resources Management