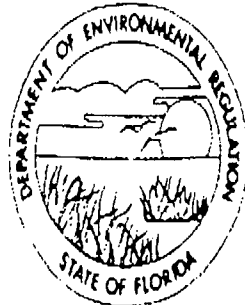


File 14

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



SOUTHWEST DISTRICT

7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610-9544

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

RICHARD D. GARRITY, PH.D.
DISTRICT MANAGER

May 29, 1984

Mr. A. E. Morrison
Manager, Environmental Services
Gardinier, Inc.
Post Office Box 3269
Tampa, FL 33601

Dear Mr. Morrison:

Pursuant to your cover letter dated May 16, 1984, for the No. 5 DAP stack test of April 12, 1984, the Department considers Condition No. 1 of Permit A029-56011 sufficient to allow the higher production rate requested without amendment.

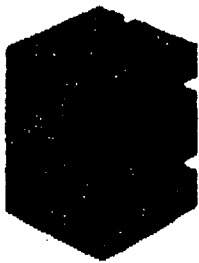
The bottom line of the intent is to maintain a CAP rate on emissions, not to restrict production changes.

Sincerely,

Robert R. Garrett

Robert R. Garrett, P.E.
Air Permitting Engineer

RRG/scm



BEST AVAILABLE COPY

GARDINIER INC.

Post Office Box 3365

Tampa, Florida 33601

Telephone 813-877-5111

FAX 813-877-5141

Telex 32555

May 16, 1984

Air Engineer
Hillsborough County Environmental Protection Commission
1900 9th Avenue
Tampa, Florida 33605

Subject: Permit No. A029-56011, No. 5 Ammonium Phosphate Plant

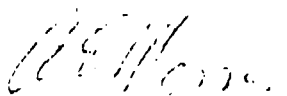
Dear Sir:

Please find enclosed two copies of the most recent emissions test for Gardinier, Inc., No. 5 Ammonium Phosphate Plant. Gardinier has been able to operate this unit at a considerably higher production rate than shown on the existing permit. Emissions remained well below the levels already permitted.

Gardinier requests that this permit be amended to allow the higher production rate of 114 Tons per Hour as long as emissions do not increase beyond the levels already allowed.

If you have any questions concerning this matter, please contact me.

Very truly yours,


A. E. Morrison
Manager, Environmental Services

AEM:rw

Enclosures

cc: Mr. Rudy J. Cabina
Mr. Bill Thomas. FDER

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOR GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

October 8, 1982

D.E.R.

OCT 14 1982

SOUTHWEST DISTRICT
TAMPA

Mr. Rudy J. Cabina
Vice President
Gardinier, Inc.
Post Office Box 3269
Tampa, Florida 33601

Dear Mr. Cabina:

The department is in receipt of Gardinier's August 20, 1982, request for modifications to the specific conditions of construction permit AC 29-27760 for the new No. 5 DAP plant. In response to this request, construction permits AC 29-27760 and AC 29-21345, issued by the Southwest District for upgrading the No. 3 phosphoric acid plant, are modified as follows:

Permit AC 29-27760 (No. 5 DAP Plant)

The following specific conditions are deleted:

11. No. 10 Rock Grinding Mill will be converted to handle wet in lieu of dry rock before the No. 5 DAP plant is placed in operation. Modify permit AO 29-22141.
12. No. 11, and No. 12 Rock Grinding Mills will cease handling dry rock within two and four months respectively, of the start of operation of the No. 5 DAP plant. Modify permits AO 29-22140 and AO 29-22141 to show changes.
13. The following sources will cease operation within 23 months of issue date of this permit or sooner if required to prevent emissions of particulate from exceeding the present permitted rate:
 - a. Normal Superphosphate Plant AO 29-13812
 - b. No. 2 Phosphoric Acid Plant AO 29-6865
 - c. No. 6, 7 and 8 Rock Grinding Mills AO 29-22139
 - d. 68 BPL Rock Unloading and Storage Airslides AO 29-22142
 - e. North No. 2, 3 Rock Transfer Airslides AO 29-13212

- f. South No. 2, 3, Rock Transfer Airslides AO 29-6864
- g. Center No. 3 Rock Transfer Airslide AO 29-13212
- h. No. 3 Rock Transfer Airslide Bin AO 29-13212
- i. No. 2, 3 Filter Buildings AO 29-12609 and AO 29-13544

Permit AC 29-21345 (No. 3 Phosphoric Acid Plant)

Specific Conditions 1 through 3 are modified as follows:

Existing

1. Test the scrubber emissions for total fluorides within 30 days after startup. Florida Administrative Code, 17-2.05(6)(c)
2. Completion of this project shall be on April 1, 1983 and after appropriate testing, application for an operating permit shall be submitted by May 15, 1983. This permit shall expire on July 1, 1983.
3. The maximum allowable fluoride emission rate shall be .86 lbs F/hour based on a maximum production rate of 42.7 tons P₂O₅/hour input.

Modified

1. Test the scrubber emission for total fluorides by Environmental Protection Agency Method 13A or 13B, or other methods approved by the department, within 30 days after startup. Florida Administrative Code, 17-2.05(6)(c)
2. Completion of this project shall be by August 1, 1983 and, after appropriate testing, application for an operating permit shall be submitted by September 15, 1983. This permit shall expire on December 15, 1983.
3. The maximum allowable total fluoride emission rate shall be 0.93 lbs F/hour or 0.02 lbs F/Ton P₂O₅ input, whichever is more restrictive. Compliance test will be conducted at the maximum production rate obtained by No. 3 phosphoric acid plant and the test repeated anytime the production rate increases more than 10 percent above the previous maximum rate or annually, whichever comes first.

Rudy J. Cabina
October 8, 1982
Page Three

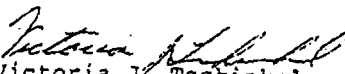
New Conditions 4 through 6, listed below, are added to the permit.

New

4. The following sources will cease operation and operating permits returned to the DER Tampa Office by the expiration date of this permit.
 - a. Normal Superphosphate Plant AO 29-13812
 - b. No. 2 Phosphoric Acid Plant AO 29-6865
 - c. No. 6, 7, and 8 Rock Grinding Mills AO 29-22139
 - d. 68 BPL Rock Unloading and Storage Airslides AO 29-22142
 - e. North No. 2, 3 Rock Transfer Airslides AO 29-13212
 - f. South No. 2, 3 Rock Transfer Airslides AO 29-6864
 - g. Center No. 3 Rock Transfer Airslides AO 29-13212
 - h. No. 3 Rock Transfer Airslide Bin AO 29-13212
 - i. No. 2, 3 Filter Buildings AO 29-12609 and AO 29-13544
 - j. No. 10, 11, 12 Rock Grinding Mills AO 29-22141, AO 29-22140
5. Quarterly progress reports showing approximate percent completion of modifications and construction of new and affected existing facilities will be submitted to the department until AC 29-21345 construction permit expires or is replaced by a permit to operate.
6. The No. 1 DAP plant (AO 29-7107), No. 2 DAP plant (AO 29-7108) and associated DAP cooler (AO 29-7109) must remain shut down until all sources listed in specific condition 4, above, are shut down and their operation permits returned to the department's Southwest District office.

Copies of this letter must be attached to construction permits AC 29-27760 (No. 5 DAP plant) and AC 29-21345 (No. 3 phosphoric acid plant) and the applicable sections of this letter become a part of each permit.

Sincerely,


Victoria J. Tschinkel
Secretary

VJT/whm

cc: Southwest District
Hillsborough County Environmental Protection Commission
Environmental Protection Agency