

TWIN TOWERS OFFICE BUILDING
2800 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR

JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

January 29, 1980

Mr. Harold W. Long, Jr., Manager,
Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Sumner?

Dear Mr. Long:

Enclosed is Permit Number AC-29-25160, dated January 28, 1980
to Agrico Chemical Company, Big Bend Terminal, Gibsonton, Florida,
issued pursuant to Section 403, Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.15, Florida Administrative Code, (see reverse side of this letter). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

Steve Smallwood
Steve Smallwood
Bureau Chief
Bureau of Air Quality Management

SS:caa

Enclosure

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

January 29, 1980

Mr. Harold W. Long, Jr., Manager,
Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Some?

Dear Mr. Long:

Enclosed is Permit Number AC-29-25161, dated January 28, 1980
to Agrico Chemical Company, Big Bend Terminal, Gibsonton, Florida,
issued pursuant to Section 403, Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.15, Florida Administrative Code, (see reverse side of this letter). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

for *Steve Smallwood*
Steve Smallwood
Bureau Chief

Bureau of Air Quality Management

SS:caa

Enclosure

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

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



BOB GRAHAM
GOVERNOR

JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

January 29, 1980

Mr. Harold W. Long, Jr., Manager,
Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Some?

Dear Mr. Long:

Enclosed is Permit Number AC-29-25162, dated January 28, 1980
to Agrico Chemical Company, Big Bend Terminal, Gibsonton, Florida,
issued pursuant to Section 403, Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.15, Florida Administrative Code, (see reverse side of this letter). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

Steve Smallwood

Steve Smallwood
Bureau Chief
Bureau of Air Quality Management

SS:caa

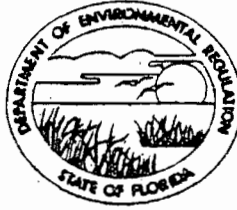
Enclosure

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

January 29, 1980

Mr. Harold W. Long, Jr., Manager,
Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Some ?

Dear Mr. Long:

Enclosed is Permit Number AC-29-25163, dated January 28, 1980
to Agrico Chemical Company, Big Bend Terminal, Gibsonton, Florida,
issued pursuant to Section 403, Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.15, Florida Administrative Code, (see reverse side of this letter). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

for Steve Smallwood
Steve Smallwood
Bureau Chief
Bureau of Air Quality Management

SS:caa

Enclosure

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

January 29, 1980

Mr. Harold W. Long, Jr., Manager,
Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Sumner

Dear Mr. Long:

Enclosed is Permit Number AC-29-25164, dated January 28, 1980
to Agrico Chemical Company, Big Bend Terminal, Gibsonton, Florida,
issued pursuant to Section 403, Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.15, Florida Administrative Code, (see reverse side of this letter). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

for Steve Smallwood
Steve Smallwood
Bureau Chief

Bureau of Air Quality Management

SS:caa

Enclosure

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 29-25142


AGRICO CHEMICAL COMPANY
BIG BEND TERMINAL
GIBSONTON, FLORIDA
ROTARY RAILCAR DUMP FOR DRY PHOSPHATE ROCK

DATE OF ISSUANCE

29 JANUARY 1980

DATE OF EXPIRATION

AUGUST 31, 1981


JACOB D. VARN
SECRETARY

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

PERMIT/CERTIFICATION
NO. AC 25142

COUNTY: Hillsborough

PROJECT: Dust control equip-
ment on rotary railcar dump.

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 & 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of particulate control equipment to existing railcar dump to enable the terminal to receive and transship dry phosphate rock. Particulate is to be trapped by a Mikro-Pulsaire Bag-Type Dust Collector, Model 720KTRH-10.

The project is located at the Agrico Big Bend Terminal near Gibsonton, Florida. The universal transverse mercator and latitude, longitude coordinates are: UTM Zone 17, 362.085E, 3076.101N and 27°48'15"N by 82°23'57"W respectively.

Construction shall be in accordance with the attached permit application and attached plans, documents and drawings except as otherwise noted on page 3, "Specific Conditions".

Attachments are as follows:

1. "Application to Construct Air Pollution Sources", DER form 17-1.122(16).

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 Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 25142
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

on notice that the department will review this permit periodically and may initiate court 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 indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. 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 non-compliance, including exact 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. 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.

4. As provided in subsection 403.087(6), 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.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. 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 Section 403.111, F.S.

7. In the case of an operation permit, 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.

8. 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, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation 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.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 25142
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be 15.3 pounds per hour or 8.0 tons per year from the baghouse emission point, DC-A.
2. Operation shall be limited to 1,037 hours per year for the transshipping of dry phosphate rock.
3. The maximum allowable raw material input shall be 2,800,000 tons per year of dry phosphate rock.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emission and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

PERMIT NO.: AC 25142
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

7. The methodology of preventing public access to the facility shall be submitted with the operating permit application and shall be an operating condition of the permit.
8. One year of post-construction HIVOL monitoring for particulate matter shall be required at Department approved stations, which use Department approved monitoring methodology, in the Adamsville area and in the neighborhood of Hillsborough County Station H54 and TECO Stations T5 or T12 if these stations become inoperable at that time.

Jacob D. Varn
Jacob D. Varn
Secretary

Expiration Date: August 31, 1981

Issued this 29TH day of JANUARY, 19 80

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 29-25149

AGRICO CHEMICAL COMPANY
BIG BEND TERMINAL
GIBSONTON, FLORIDA
DRY PHOSPHATE ROCK CONVEYING SYSTEM

DATE OF ISSUANCE

29 JANUARY 1980

DATE OF EXPIRATION

AUGUST 31, 1981

JACOB D. VARN
SECRETARY

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



BOB GRAHAM
GOVERNOR

JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

PERMIT/CERTIFICATION
NO. AC 25149

COUNTY: Hillsborough

PROJECT: Dry Phosphate Rock
Conveying System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 & 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a dry phosphate rock conveying system. Drop points between conveyors are to be controlled by Mikro-Pulsaire Bag-type Dust Collectors, Model 221STRH-8-20.

The project is located at the Agrico Big Bend Terminal near Gibsonton, Florida. The universal transverse mercator and latitude, longitude coordinates are: UTM Zone 17, 361.689E, 3076.178N and 27°48'18"N by 82°24'12"W respectively.

Construction shall be in accordance with the attached permit application and attached plans, documents and drawings except as otherwise noted on page 3, "Specific Conditions".

Attachments are as follows:

1. "Application to Construct Air Pollution Sources", DER form 17-1.122(16).

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 Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 25149
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

on notice that the department will review this permit periodically and may initiate court 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 indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. 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 non-compliance, including exact 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. 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.

4. As provided in subsection 403.087(6), 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.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. 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 Section 403.111, F.S.

7. In the case of an operation permit, 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.

8. 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, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation 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.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 25149
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

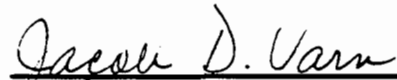
1. The maximum allowable particulate emissions shall be:

Emission point	Pounds per hour	Tons per year
DC-B	2.3	1.2
DC-C	2.3	1.2
DC-G	2.3	1.2
DC-H	2.3	1.2
DC-L	2.3	1.2

2. Operation shall be limited to 1,037 hours per year for the transshipping of dry phosphate rock.
3. The maximum allowable raw material input shall be 2,800,000 tons per year of dry phosphate rock.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emission and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

PERMIT NO.: AC 25149
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

7. The methodology of preventing public access to the facility shall be submitted with the operating permit application and shall be an operating condition of the permit.
8. One year of post-construction HIVOL monitoring for particulate matter shall be required at Department approved stations, which use Department approved monitoring methodology, in the Adamsville area and in the neighborhood of Hillsborough County Station H54 and TECO Stations T5 or T12 if these stations become inoperable at that time.

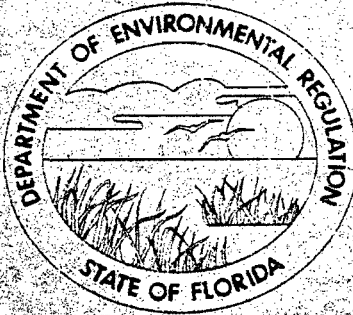


Jacob D. Varn
Secretary

Expiration Date: August 31, 1981

Issued this 29TH day of JANUARY, 19 80.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 29-25160

AGRICO CHEMICAL COMPANY
BIG BEND TERMINAL
GIBSONTON, FLORIDA
DRY PHOSPHATE ROCK STORAGE SILOS

DATE OF ISSUANCE

29 JANUARY 1980

DATE OF EXPIRATION

AUGUST 31, 1981

Jacob D. Varn

JACOB D. VARN
SECRETARY

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



BOB GRAHAM
GOVERNOR

JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

PERMIT/CERTIFICATION
NO. 25160

COUNTY: Hillsborough

PROJECT: Dry phosphate rock
Storage Silos

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 & 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of 12 silos with a total of 100,000 tons storage capacity of dry phosphate rock. The silos are to be vented by two Ducon Venturi Scrubbers, Size 45/102, Type VVO.

The project is located at the Agrico Big Bend Terminal near Gibsonton, Florida. The universal transverse mercator and latitude, longitude coordinates are: UTM Zone 17, 361.544E, 3076.238N and 27°48'20"N by 82°24'17"W, respectively.

Construction shall be in accordance with the attached permit application and attached plans, documents and drawings except as otherwise noted on page 3, "Specific Conditions".

Attachments are as follows:

1. "Application to Construct Air Pollution Sources", DER form 17-1.122(16).

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 Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 25160

APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

on notice that the department will review this permit periodically and may initiate court 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 indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. 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 non-compliance, including exact 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. 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.

4. As provided in subsection 403.087(6), 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.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. 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 Section 403.111, F.S.

7. In the case of an operation permit, 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.

8. 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, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation 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.

13. This permit also constitutes:

- 7
- Determination of Best Available Control Technology (BACT)
 - Determination of Prevention of Significant Deterioration (PSD)
 - Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 25160
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

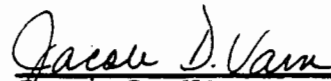
1. The maximum allowable particulate emissions shall be:

Emission Point	Pounds per hour	Tons per year
SCR-J	6.8	3.6
SCR-K	6.8	3.6

2. Operation shall be limited to 1,037 hours per year for the receiving of dry phosphate rock.
3. The maximum allowable raw material input shall be 2,800,000 tons per year of dry phosphate rock.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emissions and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

PERMIT NO.: AC 25160
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

7. The methodology of preventing public access to the facility shall be submitted with the operating permit application and shall be an operating condition of the permit.
8. One year of post-construction HIVOL monitoring for particulate matter shall be required at Department approved stations, which use Department approved monitoring methodology, in the Adamsville area and in the neighborhood of Hillsborough County Station H54 and TECO Stations T5 or T12 if these stations become inoperable at that time.

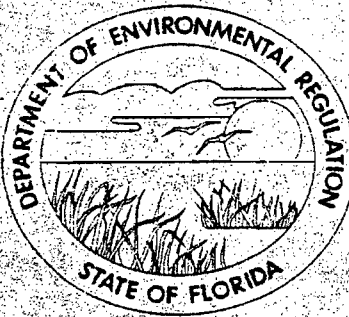


Jacob D. Varn
Secretary

Expiration Date: August 31, 1981

Issued this 29TH day of JANUARY, 19 80.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 29-25161

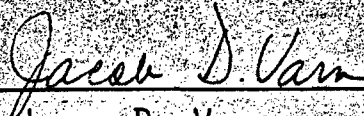
AGRICO CHEMICAL COMPANY
BIG BEND TERMINAL
GIBSONTON, FLORIDA
DRY PHOSPHATE ROCK AND GRANULAR FERTILIZER
CONVEYING SYSTEM

DATE OF ISSUANCE

29 JANUARY 1980

DATE OF EXPIRATION

AUGUST 31, 1981



JACOB D. VARN
SECRETARY

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



BOB GRAHAM
GOVERNOR

JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

PERMIT/CERTIFICATION
NO. AC 25161

COUNTY: Hillsborough
Dry Phosphate Rock
PROJECT: and Granular Fertilizer Conveying System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 & 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of upgraded dust collectors on the existing conveying system to allow transshipping of dry phosphate rock and granular fertilizer. Drop points are to be controlled by Mikro-Pulsaire Bag-type Dust Collectors, Model 289TRH-8-20.

The project is located at the Agrico Big Bend Terminal near Gibsonton, Florida. The universal transverse mercator and latitude, longitude coordinates are: UTM Zone 17, 361.339E, 3076.219N and 27°48'19"N by 82°21'25"W, respectively.

Construction shall be in accordance with the attached permit application and attached plans, documents and drawings except as otherwise noted on page 3, "Specific Conditions".

Attachments are as follows:

1. "Application to Construct Air Pollution Sources", DER form 17-1.122(16).

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 Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 25161
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

on notice that the department will review this permit periodically and may initiate court 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 indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. 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 non-compliance, including exact 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. 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.

4. As provided in subsection 403.087(6), 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.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. 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 Section 403.111, F.S.

7. In the case of an operation permit, 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.

8. 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, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation 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.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 25161
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be:

Emission Point	Pounds per hour	Tons per year
DC-D	2.3	1.8
DC-E	2.3	1.8

2. Operation shall be limited to 1,037 hours per year for the transfer of dry phosphate rock and 533 hours per year for the transfer of granular fertilizer.
3. The maximum allowable raw material input shall be 2,800,000 tons per year of dry phosphate rock and 800,000 tons per year of granular fertilizer.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emissions and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

PERMIT NO.: AC 25161
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

7. The methodology of preventing public access to the facility shall be submitted with the operating permit application and shall be an operating condition of the permit.
8. One year of post-construction HIVOL monitoring for particulate matter shall be required at Department approved stations, which use Department approved monitoring methodology, in the Adamsville area and in the neighborhood of Hillsborough County Station H54 and TECO Stations T5 or T12 if these stations become inoperable at that time.

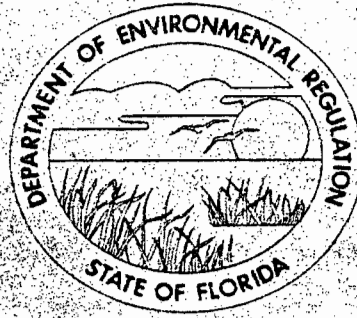
Jacob D. Varn

Jacob D. Varn
Secretary

Expiration Date: August 31, 1981

Issued this 29TH day of JANUARY, 19 80.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 29-25162

AGRICO CHEMICAL COMPANY
BIG BEND TERMINAL
GIBSONTON, FLORIDA
UPGRADE SHIPLOADER BAGHOUSE

DATE OF ISSUANCE

29 JANUARY 1980

DATE OF EXPIRATION

AUGUST 31, 1981

Jacob D. Varn
JACOB D. VARN
SECRETARY

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

PERMIT/CERTIFICATION
NO. AC 25162

COUNTY: Hillsborough

PROJECT: Upgrade Shiploader
Baghouse

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 & 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a new dust collector to allow the transfer of dry phosphate rock and granular fertilizer. Particulates are to be trapped by a Mikro-Pulsaire Bag-type Dust collector, Model 720 KTR-10.

The project is located at the Agrico Big Bend Terminal near Gibsonton, Florida. The universal transverse mercator and latitude, longitude coordinates are: UTM Zone 17, 361.125E, 3076.284N and 27°48'22"N by 82°24'33"W respectively.

Construction shall be in accordance with the attached permit application and attached plans, documents and drawings except as otherwise noted on page 3, "Specific Conditions".

Attachments are as follows:

1. "Application to Construct Air Pollution Sources", DER form 17-2.122(16).

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 Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 25162
APPLICANT: Agrico Chemical Company

on notice that the department will review this permit periodically and may initiate court 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 indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. 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 non-compliance, including exact 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. 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.

4. As provided in subsection 403.087(6), 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.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. 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 Section 403.111, F.S.

7. In the case of an operation permit, 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.

8. 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, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation 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.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

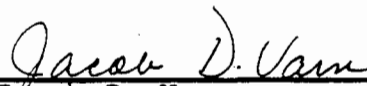
PERMIT NO.: AC 25162
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be 7.7 pounds per hour and 6.0 tons per year from the baghouse emission point DC-F.
2. Operation shall be limited to 1,037 hours per year for the transfer of dry phosphate rock and 533 hours per year for the transfer of granular fertilizer.
3. The maximum allowable raw material input shall be 2,800,000 tons per year of dry phosphate rock and 800,000 tons per year of granular fertilizer.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14.
5. Emission tests for particulate and visible emission shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9. 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emissions and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

PERMIT NO.: AC 25162
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

7. The methodology of preventing public access to the facility shall be submitted with the operating permit application and shall be an operating condition of the permit.
8. One year of post-construction HIVOL monitoring for particulate matter shall be required at Department approved stations, which use Department approved monitoring methodology, in the Adamsville area and in the neighborhood of Hillsborough County Station H54 and TECO Stations T5 or T12 if these stations become inoperable at that time.



Jacob D. Varn
Secretary

Expiration Date: August 31, 1981

Issued this 29TH day of JANUARY, 19 80.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 29-25163

AGRICO CHEMICAL COMPANY
BIG BEND TERMINAL
GIBSONTON, FLORIDA
GRANULAR FERTILIZER RAIL AND TRUCK DUMP

DATE OF ISSUANCE

29 JANUARY 1980

DATE OF EXPIRATION

AUGUST 31, 1981

Jacob D. Varn

JACOB D. VARN
SECRETARY

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

PERMIT/CERTIFICATION
NO. AC 25163

COUNTY: Hillsborough

PROJECT: Granular Fertilizer
Truck & Rail Receiving Station

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 & 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a new railcar and truck dump facility for granular fertilizer. Particulate will be trapped by a Mikro-Pulsaire Bag-type Dust Collector, Model 720 KTR-10.

The project is located at the Agrico Big Bend Terminal near Gibsonton, Florida. The universal transverse mercator and latitude, longitude coordinates are: UTM Zone 17, 361.171E, 3076.118N and 27° 48'16" by 82°24'31"W, respectively.

Construction shall be in accordance with the attached permit application and attached plans, documents and drawings except as otherwise noted on page 3, "Specific Conditions".

Attachments are as follows:

1. "Application to Construct Air Pollution Sources", DER form 17-1.122(16).

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 Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 25163
APPLICANT: Agrico Chemical Company
P. O. Box 1110

on notice that the department will review this permit periodically and may initiate court 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 indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. 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 non-compliance, including exact 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. 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.

4. As provided in subsection 403.087(6), 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.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. 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 Section 403.111, F.S.

7. In the case of an operation permit, 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.

8. 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, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation 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.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

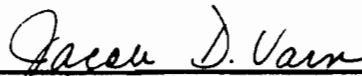
PERMIT NO.: AC 25163
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be 9.2 pounds per hour and 3.7 tons per year from the baghouse emission point DC-A'.
2. Operation shall be limited to 800 hours per year for the transfer of granular fertilizer.
3. The maximum allowable raw material input shall be 400,000 tons per year of granular fertilizer.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable emissions and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

PERMIT NO.: AC 25163
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

7. The methodology of preventing public access to the facility shall be submitted with the operating permit application and shall be an operating condition of the permit.
8. One year of post-construction HIVOL monitoring for particulate matter shall be required at Department approved stations, which use Department approved monitoring methodology, in the Adamsville area and in the neighborhood of Hillsborough County Station H54 and TECO Stations T5 or T12 if these stations become inoperable at that time.



Jacob D. Varn
Secretary

Expiration Date: August 31, 1981

Issued this 29th day of JANUARY, 19 80

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO. AC 29-25164

AGRICO CHEMICAL COMPANY
BIG BEND TERMINAL
GIBSONTON, FLORIDA
GRANULAR FERTILIZER CONVEYING SYSTEM

DATE OF ISSUANCE

29 JANUARY 1980

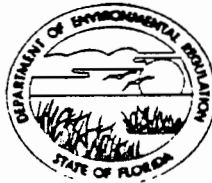
DATE OF EXPIRATION

AUGUST 31, 1981

Jacob D. Varn

JACOB D. VARN
SECRETARY

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

PERMIT/CERTIFICATION
NO. AC 25164

COUNTY: Hillsborough

PROJECT: Granular Fertilizer
conveying System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2 & 17-4, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a new granular fertilizer conveying system and storage building. Particulates are to be trapped by Mikro-Pulsaire Bag-type Dust Collectors Model 196 TRH-8-20.

The project is located at the Agrico Big Bend Terminal near Gibsonton, Florida. The universal transverse mercator and latitude, longitude coordinates are: UTM Zone 17, 361.127E, 3076.145N and 27°48'17"N by 82°24'33"W, respectively.

Construction shall be in accordance with the attached permit application and attached plans, documents and drawings except as otherwise noted on page 3, "Specific Conditions".

Attachments are as follows:

1. "Application to Construct Air Pollution Sources", DER form 17-1.122(16).

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 Section 403.161(1), Florida Statutes. Permittee is hereby placed

PERMIT NO.: AC 25164
APPLICANT: Agrico Chemical Company
P. O. Box 1110

on notice that the department will review this permit periodically and may initiate court 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 indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. 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 non-compliance, including exact 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. 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.

4. As provided in subsection 403.087(6), 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.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. 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 Section 403.111, F.S.

7. In the case of an operation permit, 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.

8. 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, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation 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.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

SPECIFIC CONDITIONS:

PERMIT NO.: AC 25164
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be:

Emission Point	Pounds per hour	Tons per year
DC-B'	1.5	0.6
DC-C'	1.5	0.6
DC-D'	1.5	0.6
DC-E'	1.5	0.6

2. Operation shall be limited to 800 hours per year for the transfer of granular fertilizer.
3. The maximum allowable raw material input shall be 400,000 tons per year of granular fertilizer.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emissions and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

PERMIT NO.: AC 25164
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

7. The methodology of preventing public access to the facility shall be submitted with the operating permit application and shall be an operating condition of the permit.
8. One year of post-construction HIVOL monitoring for particulate matter shall be required at Department approved stations, which use Department approved monitoring methodology, in the Adamsville area and in the neighborhood of Hillsborough County Station H54 and TECO Stations T5 or T12 if these stations become inoperable at that time.

Jacob D. Varn
Jacob D. Varn
Secretary

Expiration Date: August 31, 1981

Issued this 29TH day of JANUARY, 19 80

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

Final Determination

Agrico Chemical Company
Big Bend Terminal
Gibsonton, Florida

Construction Permit
Application Numbers:

AC 29-25142
AC 29-25149
AC 29-25160
AC 29-25161
AC 29-25162
AC 29-25163
AC 29-25164

Florida Department of Environmental Regulation

Bureau of Air Quality Management

Central Air Permitting

January 25, 1980

Final Determination for Agrico Chemical Company's
Big Bend Terminal Expansion

The construction permit applications from Agrico Chemical Company for the transshipping and storage of dry phosphate rock and phosphate fertilizer have been reviewed by the Bureau of Air Quality Management. The technical evaluation and preliminary determination was completed on December 20, 1979. Notice of the Department's Intent to Issue was published in the Tampa Tribune on December 26, 1979. Copies of the preliminary determination were available for public inspection at the Hillsborough County Environmental Protection Commission Office, the FDER Southwest District Office, and the Bureau of Air Quality Management.

No comments were received concerning these construction permit applications. Therefore, the construction permits should be signed as they were proposed in the preliminary determination.

Technical Evaluation
and
Preliminary Determination

Agrico Chemical Company
Big Bend Terminal
Gibsonton, Florida

Construction Permit

Application Numbers:

AC 25142
AC 25149
AC 25160
AC 25161
AC 25162
AC 25163
AC 25164

Florida Department of Environmental Regulation

Bureau of Air Quality Management

Central Air Permitting

December 20, 1979

I. PROPOSED DEPARTMENT ACTION

The Department intends to issue the requested Construction Permits to Agrico Chemical Company to construct a dust collector on the existing rotary railcar dump, transfer to storage; new storage silos for dry phosphate rock, transfer to ship-loader; new railcar dump for phosphate fertilizer, transfer to storage; new storage building and transfer to shiploader. All drop points on the outdoor conveying system will be controlled by fabric dust collectors. The dry phosphate storage silos will be controlled by venturi scrubbers. Construction is to take place at the Big Bend Terminal which is located near Gibsonton, Florida. Issuance of the Construction Permits is subject to public comment received as a result of this notice.

Any person wishing to file comments on this proposed action may do so by submitting such comments in writing to:

Mr. John Svec
Florida Department of Environmental
Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Any comments received within thirty days after publication of this notice will be considered and noted in the Department's final determination.

Any person whose substantial interests would be affected by the issuance or denial of this permit may request an administrative hearing by filing a petition for hearing as set forth in Section 28-5.15 (copy attached). Such petition must be filed within 14 days of the date of this notice. Such petition is to be filed with:

Mary Clark
Office of General Counsel
Florida Department of Environmental
Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

II. SUMMARY OF EMISSIONS AND AIR QUALITY ANALYSIS:

a. The proposed location, Big Bend Terminal, is in that part of Hillsborough County which is classified as "nonattainment" for the criteria pollutant, ozone. This location is an "attainment" area for the remaining criteria pollutants. However, the terminal is located in the "area of

influence" for the Hillsborough County Particulate Nonattainment Area.

b. The significant sources of particulate emissions for these applications is dry phosphate rock dust and phosphate fertilizer dust generated at the drop points in the conveying system. Estimated actual particulate emissions are:

<u>Emission point</u>	<u>Location</u>	<u>Annual emissions</u> (tons)
DC-A	Rotary car dump to conveyor 1	8.0
DC-B	Conveyor 1 to conveyor 2/15	1.2
DC-C	Conveyor 2/15 to conveyor 3/16	1.2
DC-G	Conveyor 16 to conveyor 17	1.2
DC-H	Conveyor 19 to conveyor 4	1.2
DC-L	Conveyor 3 to stackraker	1.2
SCR-J	Dry phosphate storage silos	3.6
SCR-K	Dry phosphate storage silos	3.6
DC-D	Conveyor 3 and 14 to conveyor 4	1.8
DC-E	Conveyor 4 to conveyor 5	1.8
DC-F	Conveyor 5 to shiploader	6.0
DC-A'	Railcar and truck dump to conveyor 20	3.7
DC-B'	Conveyor 20 to conveyor 21/28	0.6
DC-C'	Conveyor 21 to conveyor 22	0.6
DC-D'	Conveyor 22 to conveyor 23	0.6
DC-E'	Conveyor 28 to conveyor 29	0.6

(For plant layout see figures 1 and 2).

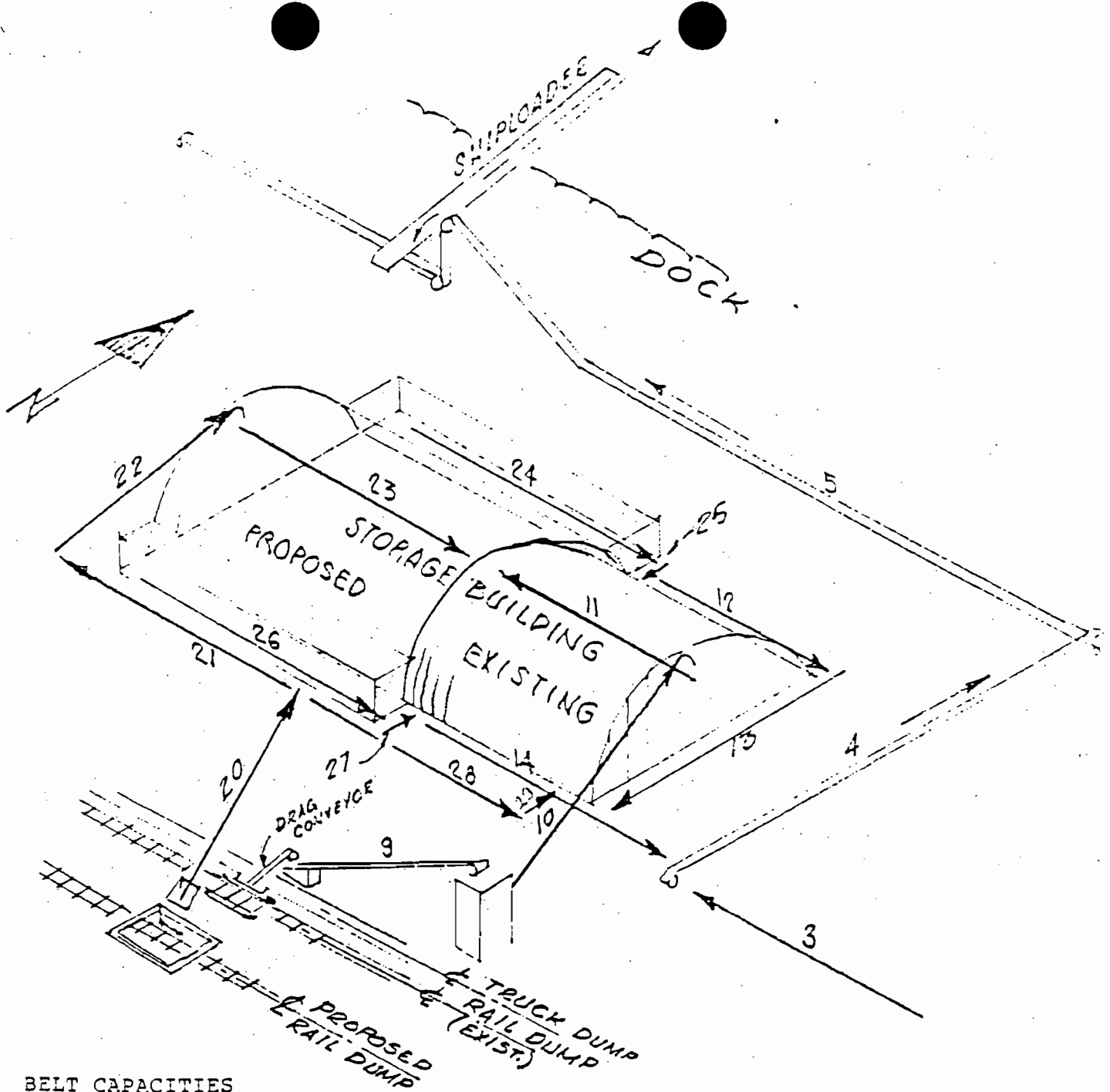
III. SYNOPSIS OF APPLICATION

a. Name and Address of Applicant:

Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

b. Description of Project and Controls:

The purpose of this project is to construct new facilities at the existing Agrico Big Bend Terminal. One part of the new facilities will receive dry phosphate rock by railcar, transfer to storage, reclaim from storage and transfer to ships or barges via the existing shiploader. Initially, and until the silo storage and reclaim system is operable, seven of the dust collectors for the above system will be installed on the existing conveyor system to enable dry rock to be transferred directly for shipping. The second part of the facilities will receive phosphate fertilizer by railcar and truck, transfer to storage, reclaim and transfer by the existing conveyor system to the shiploader for loading ships and barges. This part also will have the capabilities to receive and transfer



BELT CAPACITIES

Category	Conveyor Number	Capacity (TPH)	
EXISTING	3	3000	
	4	3000	
	5	3000	
	Shiploader	3000	
	9	350	
	10	350	
	11	350	
	12	1200	
	13	1200	
	14	1500	
	PROPOSED	20	500
		21	500
		22	500
		23	500
24		1000	
25		1000	
26		1500	
27		1500	
28		500	
29	500		

Conveyors 3, 4, 5 and the shiploader are multiple use conveyors.

Figure 2

directly for shipping. Fabric dust collectors will be placed at the drop points of all conveyor connections. Wet venturi scrubbers will vent the emissions obtained from the operations at the dry phosphate rock storage silos. The fabric dust collectors are projected to capture 99.8% of the particulate captured at the drop points. The wet venturi scrubbers are projected to capture 99.7% of the particulate emissions generated at the dry phosphate rock storage silos.

c. Description of Processes, Proposed Process Rates and Emissions Rates:

Approximately 2,800,000 TPY of dry rock will be received at the terminal. The dry rock will be received by the existing railcar rotary dump, Dust Collector (A) will be installed at this site. The rock will be conveyed by existing Conveyor No. 1 and transferred to Conveyor No. 15, Dust Collector (B) will be installed at this site. The material will be transferred from Conveyor No. 15 to Conveyor No. 16, Dust Collector (C) will be installed at this site. Conveyor No. 16 will discharge to Conveyor No. 17 Dust Collector (G) will be installed at this site. Conveyor No. 17 will discharge into Silo No. 1 or to tripper Conveyor No. 18. Conveyor No. 18 will discharge into Silos Nos. 2 through 12. The discharge of Conveyor No. 17 and Conveyor No. 18 will be within the gallery atop the silos. The silos and silo discharges will be vented by Scrubbers (J) and (K). The silo venting will create a negative pressure in the gallery to contain the dust from the discharge of Conveyors Nos. 17 and 18. The silos will discharge to Conveyor No. 19 for transfer to existing Conveyor No. 4, Dust Collector (H) will be installed at this site. Existing Dust Collector No. "DC-3" (AO29-12987) will be replaced by Dust Collector (E). The existing Dust Collector No. "DC-4" (AO29-14855) will be replaced with new Dust Collector (F) to service the shiploader.

Initially, Dust Collector (B) will control the transfer from existing Conveyor No. 1 to existing Conveyor No. 2. Dust Collector (C) will control the transfer from existing Conveyor No. 2 and the existing stackrake to existing Conveyor No. 3. Dust Collector (L) will control fugitive particulate at the stackrake. Dust Collector (D) will be installed in place of existing Dust Collector "DC-2" (AO29-12987) to control the transfer from existing Conveyor No. 3 or existing Conveyor No. 14 to existing Conveyor No. 4.

Conveyor Nos. 15 through 19 will convey 2700 TPH of dry phosphate rock. These conveyors will have covers, except tripper Conveyor No. 18, to prevent windblown particulate and to keep the material dry.

The dust collectors will return the collected particulate to that conveyor exiting from the transfer point.

The scrubber effluent will be partially recycled and partially bled off to a settling pond. The clarified pond water will be recycled to the Scrubber. The settled particles will be dredged from the pond, as required, and disposed of on the south side of the property.

Fresh water will be required from time to time to provide the necessary supply for the scrubbers. Excess water in the scrubber effluent pond, should this condition occur, and ground water runoff will be retained in an existing retention pond.

Approximately 800,000 TPY (400,000 TPY at present) of fertilizer products will be received at the terminal. These products will be unloaded into below grade hoppers and transferred to Conveyor No. 20, Dust Collector (A') will be installed at this site. The material will be transferred from Conveyor No. 20 to Conveyor No. 21 or Conveyor No. 28, Dust Collector (B') will be installed at this site. Conveyor No. 21 will transfer to Conveyor No. 22, Dust Collector (C') will be installed at this site. Conveyor No. 22 will transfer to storage tripper Conveyor No. 23, Dust Collector (D') will be installed at this site. Conveyor Nos. 24 and 26 will be for storage reclaim within the storage building. The latter conveyors will transfer to Conveyor Nos. 25 and 27, which will, in turn, transfer to existing Conveyors Nos. 12 and 14. These conveyors are also within the storage building. Conveyor No. 28 will transfer to Conveyor No. 29, Dust Collector (E') will be installed at this site. Conveyor No. 29 will transfer to existing Conveyor No. 14 within the storage building.

Conveyors Nos. 20 through 23 and 28 and 29 will convey 500 TPH of fertilizer products. These conveyors will also be covered. Conveyors Nos. 24 and 25 will convey 1000 TPH, while Conveyors Nos. 26 and 27 will convey 1500 TPH.

Dust Collectors (D), (E) and (F) will control fertilizer particulate, in addition to dry phosphate rock particulate.

Emission rates for each outlet are:

Emission Point	Potential Emissions		Actual Emissions	
	lb./hr	tons/yr	lb./hr	tons/yr
DC-A	7663	3973	15.3	8.0
DC-B	1149	596	2.3	1.2
DC-C	1149	596	2.3	1.2
DC-D	1149	902	2.3	1.8
DC-E	1149	902	2.3	1.8
DC-F	3831	3009	7.7	6.0

Emission Point	Potential Emissions		Actual Emissions	
	lb./hr	tons/yr	lb./hr	tons/yr
DC-G	7663 ¹¹⁴⁹	3973 ⁵⁹⁶	15.3 ^{2.3}	8.0 ^{1.2}
DC-H	1149	596	2.3	1.2
SCR-J	2279	1182	6.8	3.6
SCR-K	2279	1182	6.8	3.6
DC-L	1149	596	2.3	1.2
DC-A'	4598	1839	9.2	3.7
DC-B'	766	307	1.5	0.6
DC-C'	766	307	1.5	0.6
DC-D'	766	307	1.5	0.6
DC-E'	766	307	1.5	0.6

IV. RULE APPLICABILITY

The proposed project is located in the Hillsborough County Ozone Nonattainment Area. Since no Volatile Organic Compounds (VOC) are emitted from this project, the application is not subject to the nonattainment rules for this pollutant.

The proposed project is located in the "area of influence" for the Hillsborough County Particulate Nonattainment Area. The applicant has demonstrated by using mathematical models that the proposed project does not significantly impact the nonattainment area. Therefore, according to Section 17-2.17(1)(c)2.c. FAC, these applications are exempt from Sections 17-2.17, 17-2.18 and 17-2.19 FAC.

According to 17-2.02(70) FAC, the facility is a major emitting facility for particulate. Mathematical modeling demonstrates that the PSD increments or ambient air quality standards are not violated off plant property with this project. Latest and best technology is being applied to this project.

Section 17-4.07 FAC authorizes the Department to impose reasonable permit conditions necessary to prevent air pollution and 17-4.23 require all new sources to use the best and latest technology that is applicable to the source.

V. FINDINGS

1. The potential and actual emissions are projected to be:

Emission Point	Potential Emissions		Actual Emissions	
	lb./hr.	tons/yr.	lb./hr.	tons/yr.
DC-A	7663	3973	15.3	8.0
DC-B	1149	596	2.3	1.2
DC-C	1149	596	2.3	1.2
DC-D	1149	902	2.3	1.8
DC-E	1149	902	2.3	1.8

Emission Point	Potential Emissions		Actual Emissions	
	lb./hr	tons/yr.	lb./hr.	tons/yr.
DC-F	3831	3009	7.7	6.0
DC-G	1149	596	2.3	1.2
DC-H	1149	596	2.3	1.2
SCR-J	2279	1182	6.8	3.6
DCR-K	2279	1182	6.8	3.6
DC-L	1149	596	2.3	1.2
DC-A'	4598	1839	9.2	3.7
DC-B'	766	307	1.5	0.6
DC-C'	766	307	1.5	0.6
DC-D'	766	307	1.5	0.6

Proposed NSPS for Phosphate Rock Plants indicates opacity limits of 0% for transfer facilities.

2. The facility is a major emitting facility as defined in 17-2.102(70). Although the facility is a major emitting facility, actual emissions from each source are de minimus (less than 15 tons per year).

3. The maximum operating schedule will be 1,037 hours per year for transferring dry phosphate rock and 533 hours per year for transferring granular fertilizer from the storage to shiploading systems. Maximum operating hours will be 1,037 hours per year for the proposed dry phosphate rock unloading to storage system. Maximum operating hours will be 800 hours per year for the proposed granular fertilizer unloading to storage system.

4. Maximum raw material input will be 2,800,000 tons per year of dry phosphate rock and 800,000 tons per year of granular fertilizer for the storage to shiploading systems. Maximum raw material input will be 2,800,000 tons per year of dry phosphate rock for the unloading to storage system. Maximum raw material input will be 400,000 tons per year of granular fertilizer for the proposed unloading to storage system.

5. Since the actual emissions are de minimus from the various sources, a BACT determination is not required. The controls described in the applications meet the best and latest control requirement of 17-4.23 FAC.

6. Adequate fugitive particulate controls are proposed with this project. Rail cars bring the products to the facility are covered. The rotary railcar dump for the phosphate rock is enclosed. All conveyors will be covered with the exception of conveyors number 3 and 5 which contain traveling equipment and cannot be covered. The granular fertilizer is hygroscopic and transport must be enclosed to prevent contamination. This also serves as fugitive control.

7. Construction should commence and be completed within a reasonable time based on the projections included in the application.

8. The applicant should submit periodic reports on construction progress.

9. Construction should reasonably conform to the plans submitted.

10. The actual particulate emissions from each emission point should be verified by test using standard test methods prior to issuance of an operating permit. As a part of the operating permit, periodic tests on the emission points should be required.

11. Upon obtaining an operating permit, the applicant should submit periodic reports on the actual operation of the facility.

12. In accordance with Subsection 17-2.04(6) (a), the applicant has provided the Department with reasonable assurance that operation of the facility, as proposed, will not cause or contribute to ground-level particulate concentrations in excess of any Prevention of Significant Deterioration (PSD) increment or ambient air quality standard. Furthermore, the applicant has demonstrated that increased particulate emissions from the facility will not result in ground-level concentrations in excess of any level of significance within the nearby Hillsborough County particulate nonattainment area. Therefore, in accordance with Subsection 17-2.17(1) (c) 2.c., none of the proposed sources at the facility is subject to the requirements of Sections 17-2.17, 17-2.18, 17-2.19 and 17-2.20.

Worst-case operating conditions for which the air quality 24-hour impact analyses were performed are as follows:

Case 1 - Dry phosphate rock receiving/transfer to silos/transfer to ship; and granular fertilizer receiving on both systems No. 1 and No. 2 (Emissions from dust collectors A,B,C,G,H,E,F,1,A',B',C', and D' and scrubbers J and K)

Case 2 - Dry phosphate rock receiving/transfer to silos; and granular fertilizer receiving on both systems No. 1 and No. 2/ transfer from either system to ship. (Emissions from dust collectors A,B,C,G, 1,D,E,F,A',B',C', and D' and scrubber J).

The air quality annual impact analyses were performed using emission rates reflecting the hours of operation each control device is expected to experience based on proposed maximum product annual throughput.

13. Impacts of the proposed sources on air quality within the property boundaries of the facility have not been evaluated. Thus, it is necessary that the applicant secure the property boundary in a manner such that the public is effectively desired access to the area within.

14. The applicant shall provide at least one year post-construction ambient particulate monitoring data from a sampling site approved by the Department. A number of factors including the facility's proximity to a nonattainment area and its potential for emitting fugitive particulate matter suggest a need for data such as these to verify the reasonableness of assumptions made in the predictive air quality analysis.

VI. Proposed Allowable Emissions and Permit Conditions

See Draft Permits

Attachment: Rule 28-5

December 20, 1979

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

MEMORANDUM

CERTIFIED MAIL

TO: Dave Puchaty, Manager
Southwest District, Florida DER
Roger Stewart, Director
Hillsborough Co. Env. Prot. Comm.

FROM: Steve Smallwood, Acting Bureau Chief
Bureau of Air Quality Management, FDER

DATE: December 26, 1979

SUBJ: Proposed Department Action on Application by the Agrico
Chemical Co., to construct phosphate rock and granular
fertilizer transport and storage facilities to be con-
structed at the Big Bend Terminal near Gibsonton,
Hillsborough County, Florida.

Attached please find one copy each of the seven proposed
Construction Permits, Technical Evaluations, Statement of Depart-
ment Intent, and the original applications, from the Agrico Chemical
Company, for the construction of the aforementioned phosphate
and fertilizer transfer and storage facility.

Pursuant to 17-2.091 and 40 CFR 51.18 this information is to
be maintained, on file, for public review for 30 days following
issuance of public notice.

Comments are to be submitted to Mr. John Svec, of the Bureau,
in writing.

SS:caa

ENCLOSURES: 1

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

MEMORANDUM

CERTIFIED MAIL

TO: Harold W. Long, Jr., Manager
Environmental Control,
Agrico Chemical Company

FROM: Steve Smallwood, *JS* Acting Bureau Chief,
Bureau of Air Quality Management, FDER

DATE: December 26, 1979

SUBJ: Proposed Department Action on Application by the Agrico
Chemical Co., to construct phosphate rock and granular
fertilizer transport and storage facilities to be
constructed at the Big Bend Terminal near Gibsonton,
Hillsborough County, Florida.

Attached please find one copy each of the seven proposed
Construction Permits, Technical Evaluations, Statement of
Department Intent, and the original applications, from the Agrico
Chemical Company, for the construction of the aforementioned
phosphate and fertilizer transfer and storage facility.

Comments are to be submitted to Mr. John Svec, of the
Bureau, in writing.

SS:caa

ENCLOSURES: 1

Technical Evaluation
and
Preliminary Determination

Agrico Chemical Company
Big Bend Terminal
Gibsonton, Florida

Construction Permit
Application Numbers:

AC 25142
AC 25149
AC 25160
AC 25161
AC 25162
AC 25163
AC 25164

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting
December 20, 1979

I. PROPOSED DEPARTMENT ACTION

The Department intends to issue the requested Construction Permits to Agrico Chemical Company to construct a dust collector on the existing rotary railcar dump, transfer to storage; new storage silos for dry phosphate rock, transfer to ship-loader; new railcar dump for phosphate fertilizer, transfer to storage; new storage building and transfer to shiploader. All drop points on the outdoor conveying system will be controlled by fabric dust collectors. The dry phosphate storage silos will be controlled by venturi scrubbers. Construction is to take place at the Big Bend Terminal which is located near Gibsonton, Florida. Issuance of the Construction Permits is subject to public comment received as a result of this notice.

Any person wishing to file comments on this proposed action may do so by submitting such comments in writing to:

Mr. John Svec
Florida Department of Environmental
Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Any comments received within thirty days after publication of this notice will be considered and noted in the Department's final determination.

Any person whose substantial interests would be affected by the issuance or denial of this permit may request an administrative hearing by filing a petition for hearing as set forth in Section 28-5.15 (copy attached). Such petition must be filed within 14 days of the date of this notice. Such petition is to be filed with:

Mary Clark
Office of General Counsel
Florida Department of Environmental
Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

II. SUMMARY OF EMISSIONS AND AIR QUALITY ANALYSIS:

a. The proposed location, Big Bend Terminal, is in that part of Hillsborough County which is classified as "nonattainment" for the criteria pollutant, ozone. This location is an "attainment" area for the remaining criteria pollutants. However, the terminal is located in the "area of

influence" for the Hillsborough County Particulate Nonattainment Area.

b. The significant sources of particulate emissions for these applications is dry phosphate rock dust and phosphate fertilizer dust generated at the drop points in the conveying system. Estimated actual particulate emissions are:

<u>Emission point</u>	<u>Location</u>	<u>Annual emissions</u> (tons)
DC-A	Rotary car dump to conveyor 1	8.0
DC-B	Conveyor 1 to conveyor 2/15	1.2
DC-C	Conveyor 2/15 to conveyor 3/16	1.2
DC-G	Conveyor 16 to conveyor 17	1.2
DC-H	Conveyor 19 to conveyor 4	1.2
DC-L	Conveyor 3 to stackraker	1.2
SCR-J	Dry phosphate storage silos	3.6
SCR-K	Dry phosphate storage silos	3.6
DC-D	Conveyor 3 and 14 to conveyor 4	1.8
DC-E	Conveyor 4 to conveyor 5	1.8
DC-F	Conveyor 5 to shiploader	6.0
DC-A'	Railcar and truck dump to conveyor 20	3.7
DC-B'	Conveyor 20 to conveyor 21/28	0.6
DC-C'	Conveyor 21 to conveyor 22	0.6
DC-D'	Conveyor 22 to conveyor 23	0.6
DC-E'	Conveyor 28 to conveyor 29	0.6

(For plant layout see figures 1 and 2).

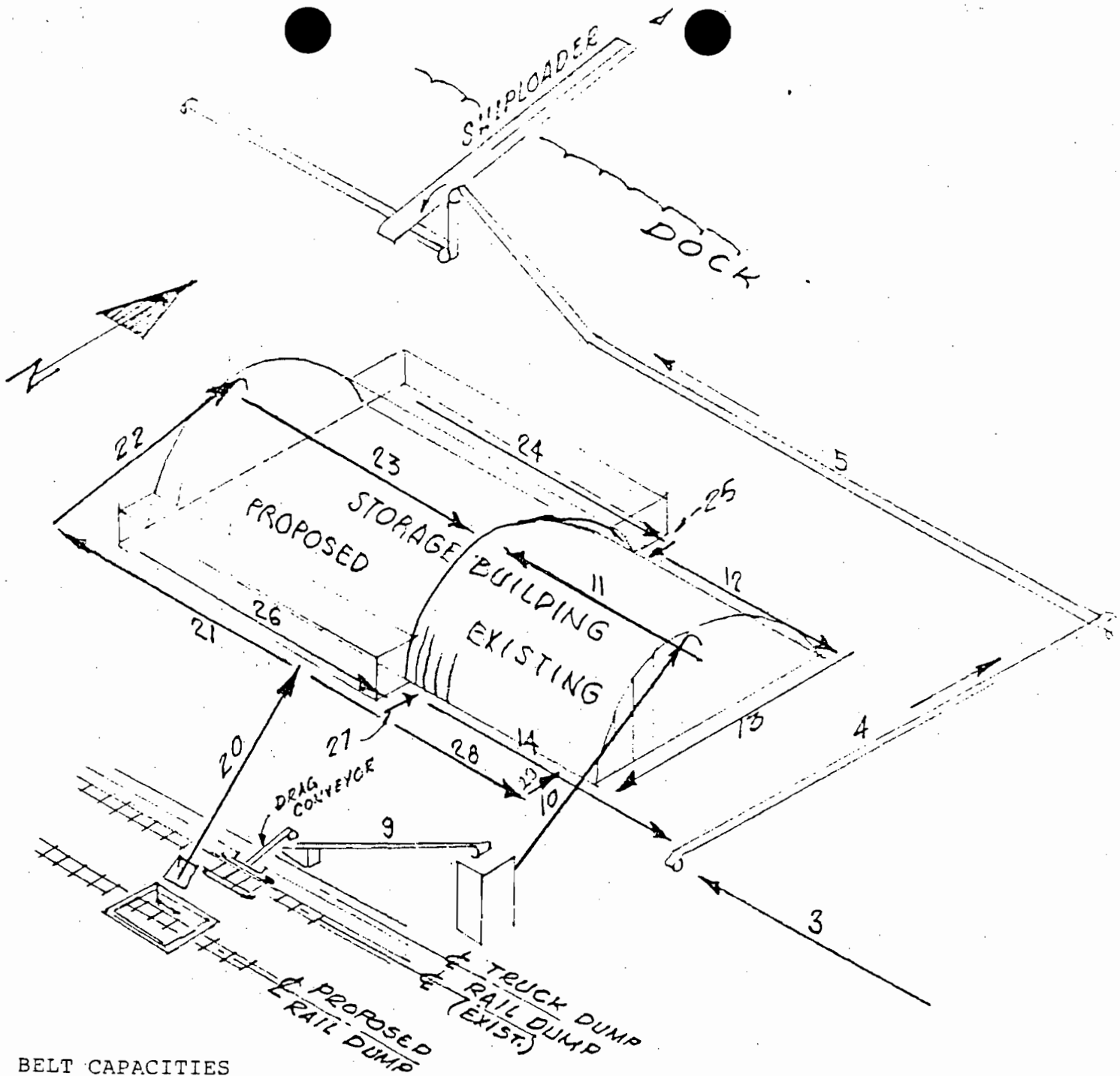
III. SYNOPSIS OF APPLICATION

a. Name and Address of Applicant:

Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

b. Description of Project and Controls:

The purpose of this project is to construct new facilities at the existing Agrico Big Bend Terminal. One part of the new facilities will receive dry phosphate rock by railcar, transfer to storage, reclaim from storage and transfer to ships or barges via the existing shiploader. Initially, and until the silo storage and reclaim system is operable, seven of the dust collectors for the above system will be installed on the existing conveyor system to enable dry rock to be transferred directly for shipping. The second part of the facilities will receive phosphate fertilizer by railcar and truck, transfer to storage, reclaim and transfer by the existing conveyor system to the shiploader for loading ships and barges. This part also will have the capabilities to receive and transfer



BELT CAPACITIES

EXISTING		PROPOSED	
3	3000 TPH	20	500 TPH
4	3000 TPH	21	500 TPH
5	3000 TPH	22	500 TPH
Shiploader	3000 TPH	23	500 TPH
9	350 TPH	24	1000 TPH
10	350 TPH	25	1000 TPH
11	350 TPH	26	1500 TPH
12	1200 TPH	27	1500 TPH
13	1200 TPH	28	500 TPH
14	1500 TPH	29	500 TPH

Conveyors 3, 4, 5 and the shiploader are multiple use conveyors.

Figure 2

directly for shipping. Fabric dust collectors will be placed at the drop points of all conveyor connections. Wet venturi scrubbers will vent the emissions obtained from the operations at the dry phosphate rock storage silos. The fabric dust collectors are projected to capture 99.8% of the particulate captured at the drop points. The wet venturi scrubbers are projected to capture 99.7% of the particulate emissions generated at the dry phosphate rock storage silos.

c. Description of Processes, Proposed Process Rates and Emissions Rates:

Approximately 2,800,000 TPY of dry rock will be received at the terminal. The dry rock will be received by the existing railcar rotary dump, Dust Collector (A) will be installed at this site. The rock will be conveyed by existing Conveyor No. 1 and transferred to Conveyor No. 15, Dust Collector (B) will be installed at this site. The material will be transferred from Conveyor No. 15 to Conveyor No. 16, Dust Collector (C) will be installed at this site. Conveyor No. 16 will discharge to Conveyor No. 17 Dust Collector (G) will be installed at this site. Conveyor No. 17 will discharge into Silo No. 1 or to tripper Conveyor No. 18. Conveyor No. 18 will discharge into Silos Nos. 2 through 12. The discharge of Conveyor No. 17 and Conveyor No. 18 will be within the gallery atop the silos. The silos and silo discharges will be vented by Scrubbers (J) and (K). The silo venting will create a negative pressure in the gallery to contain the dust from the discharge of Conveyors Nos. 17 and 18. The silos will discharge to Conveyor No. 19 for transfer to existing Conveyor No. 4, Dust Collector (H) will be installed at this site. Existing Dust Collector No. "DC-3" (AO29-12987) will be replaced by Dust Collector (E). The existing Dust Collector No. "DC-4" (AO29-14855) will be replaced with new Dust Collector (F) to service the shiploader.

Initially, Dust Collector (B) will control the transfer from existing Conveyor No. 1 to existing Conveyor No. 2. Dust Collector (C) will control the transfer from existing Conveyor No. 2 and the existing stackrake to existing Conveyor No. 3. Dust Collector (L) will control fugitive particulate at the stackrake. Dust Collector (D) will be installed in place of existing Dust Collector "DC-2" (AO29-12987) to control the transfer from existing Conveyor No.3 or existing Conveyor No. 14 to existing Conveyor No. 4.

Conveyor Nos. 15 through 19 will convey 2700 TPH of dry phosphate rock. These conveyors will have covers, except tripper Conveyor No. 18, to prevent windblown particulate and to keep the material dry.

The dust collectors will return the collected particulate to that conveyor exiting from the transfer point.

The scrubber effluent will be partially recycled and partially bled off to a settling pond. The clarified pond water will be recycled to the Scrubber. The settled particles will be dredged from the pond, as required, and disposed of on the south side of the property.

Fresh water will be required from time to time to provide the necessary supply for the scrubbers. Excess water in the scrubber effluent pond, should this condition occur, and ground water runoff will be retained in an existing retention pond.

Approximately 800,000 TPY (400,000 TPY at present) of fertilizer products will be received at the terminal. These products will be unloaded into below grade hoppers and transferred to Conveyor No. 20, Dust Collector (A') will be installed at this site. The material will be transferred from Conveyor No. 20 to Conveyor No. 21 or Conveyor No. 28, Dust Collector (B') will be installed at this site. Conveyor No. 21 will transfer to Conveyor No. 22, Dust Collector (C') will be installed at this site. Conveyor No. 22 will transfer to storage tripper Conveyor No. 23, Dust Collector (D') will be installed at this site. Conveyor Nos. 24 and 26 will be for storage reclaim within the storage building. The latter conveyors will transfer to Conveyor Nos. 25 and 27, which will, in turn, transfer to existing Conveyors Nos. 12 and 14. These conveyors are also within the storage building. Conveyor No. 28 will transfer to Conveyor No. 29, Dust Collector (E') will be installed at this site. Conveyor No. 29 will transfer to existing Conveyor No. 14 within the storage building.

Conveyors Nos. 20 through 23 and 28 and 29 will convey 500 TPH of fertilizer products. These conveyors will also be covered. Conveyors Nos. 24 and 25 will convey 1000 TPH, while Conveyors Nos. 26 and 27 will convey 1500 TPH.

Dust Collectors (D), (E) and (F) will control fertilizer particulate, in addition to dry phosphate rock particulate.

Emission rates for each outlet are:

Emission Point	Potential Emissions		Actual Emissions	
	lb./hr	tons/yr	lb./hr	tons/yr
DC-A	7663	3973	15.3	8.0
DC-B	1149	596	2.3	1.2
DC-C	1149	596	2.3	1.2
DC-D	1149	902	2.3	1.8
DC-E	1149	902	2.3	1.8
DC-F	3831	3009	7.7	6.0

Emission Point	Potential Emissions		Actual Emissions	
	lb./hr	tons/yr	lb./hr	tons/yr
DC-G	7663	3973	15.3	8.0
DC-H	1149	596	2.3	1.2
SCR-J	2279	1182	6.8	3.6
SCR-K	2279	1182	6.8	3.6
DC-L	1149	596	2.3	1.2
DC-A'	4598	1839	9.2	3.7
DC-B'	766	307	1.5	0.6
DC-C'	766	307	1.5	0.6
DC-D'	766	307	1.5	0.6
DC-E'	766	307	1.5	0.6

IV. RULE APPLICABILITY

The proposed project is located in the Hillsborough County Ozone Nonattainment Area. Since no Volatile Organic Compounds (VOC) are emitted from this project, the application is not subject to the nonattainment rules for this pollutant.

The proposed project is located in the "area of influence" for the Hillsborough County Particulate Nonattainment Area. The applicant has demonstrated by using mathematical models that the proposed project does not significantly impact the nonattainment area. Therefore, according to Section 17-2.17(1)(c)2.c. FAC, these applications are exempt from Sections 17-2.17, 17-2.18 and 17-2.19 FAC.

According to 17-2.02(70) FAC, the facility is a major emitting facility for particulate. Mathematical modeling demonstrates that the PSD increments or ambient air quality standards are not violated off plant property with this project. Latest and best technology is being applied to this project.

Section 17-4.07 FAC authorizes the Department to impose reasonable permit conditions necessary to prevent air pollution and 17-4.23 require all new sources to use the best and latest technology that is applicable to the source.

V. FINDINGS

1. The potential and actual emissions are projected to be:

Emission Point	Potential Emissions		Actual Emissions	
	lb./hr.	tons/yr.	lb./hr.	tons/yr.
DC-A	7663	3973	15.3	8.0
DC-B	1149	596	2.3	1.2
DC-C	1149	596	2.3	1.2
DC-D	1149	902	2.3	1.8
DC-E	1149	902	2.3	1.8

Emission Point	Potential Emissions		Actual Emissions	
	lb./hr	tons/yr.	lb./hr.	tons/yr.
DC-F	3831	3009	7.7	6.0
DC-G	1149	596	2.3	1.2
DC-H	1149	596	2.3	1.2
SCR-J	2279	1182	6.8	3.6
DCR-K	2279	1182	6.8	3.6
DC-L	1149	596	2.3	1.2
DC-A'	4598	1839	9.2	3.7
DC-B'	766	307	1.5	0.6
DC-C'	766	307	1.5	0.6
DC-D'	766	307	1.5	0.6

Proposed NSPS for Phosphate Rock Plants indicates opacity limits of 0% for transfer facilities.

2. The facility is a major emitting facility as defined in 17-2.102(70). Although the facility is a major emitting facility, actual emissions from each source are de minimus (less than 15 tons per year).

3. The maximum operating schedule will be 1,037 hours per year for transferring dry phosphate rock and 533 hours per year for transferring granular fertilizer from the storage to shiploading systems. Maximum operating hours will be 1,037 hours per year for the proposed dry phosphate rock unloading to storage system. Maximum operating hours will be 800 hours per year for the proposed granular fertilizer unloading to storage system.

4. Maximum raw material input will be 2,800,000 tons per year of dry phosphate rock and 800,000 tons per year of granular fertilizer for the storage to shiploading systems. Maximum raw material input will be 2,800,000 tons per year of dry phosphate rock for the unloading to storage system. Maximum raw material input will be 400,000 tons per year of granular fertilizer for the proposed unloading to storage system.

5. Since the actual emissions are de minimus from the various sources, a BACT determination is not required. The controls described in the applications meet the best and latest control requirement of 17-4.23 FAC.

6. Adequate fugitive particulate controls are proposed with this project. Rail cars bring the products to the facility are covered. The rotary railcar dump for the phosphate rock is enclosed. All conveyors will be covered with the exception of conveyors number 3 and 5 which contain traveling equipment and cannot be covered. The granular fertilizer is hygroscopic and transport must be enclosed to prevent contamination. This also serves as fugitive control.

7. Construction should commence and be completed within a reasonable time based on the projections included in the application.

8. The applicant should submit periodic reports on construction progress.

9. Construction should reasonably conform to the plans submitted.

10. The actual particulate emissions from each emission point should be verified by test using standard test methods prior to issuance of an operating permit. As a part of the operating permit, periodic tests on the emission points should be required.

11. Upon obtaining an operating permit, the applicant should submit periodic reports on the actual operation of the facility.

12. In accordance with Subsection 17-2.04(6)(a), the applicant has provided the Department with reasonable assurance that operation of the facility, as proposed, will not cause or contribute to ground-level particulate concentrations in excess of any Prevention of Significant Deterioration (PSD) increment or ambient air quality standard. Furthermore, the applicant has demonstrated that increased particulate emissions from the facility will not result in ground-level concentrations in excess of any level of significance within the nearby Hillsborough County particulate nonattainment area. Therefore, in accordance with Subsection 17-2.17(1)(c)2.c., none of the proposed sources at the facility is subject to the requirements of Sections 17-2.17, 17-2.18, 17-2.19 and 17-2.20.

Worst-case operating conditions for which the air quality 24-hour impact analyses were performed are as follows:

Case 1 - Dry phosphate rock receiving/transfer to silos/transfer to ship; and granular fertilizer receiving on both systems No. 1 and No. 2 (Emissions from dust collectors A,B,C,G,H,E,F,I,A',B',C', and D' and scrubbers J and K)

Case 2 - Dry phosphate rock receiving/transfer to silos; and granular fertilizer receiving on both systems No. 1 and No. 2/ transfer from either system to ship. (Emissions from dust collectors A,B,C,G, I,D,E,F,A',B',C', and D' and scrubber J).

The air quality annual impact analyses were performed using emission rates reflecting the hours of operation each control device is expected to experience based on proposed maximum product annual throughput.

13, Impacts of the proposed sources on air quality within the property boundaries of the facility have not been evaluated. Thus, it is necessary that the applicant secure the property boundary in a manner such that the public is effectively desired access to the area within.

14. The applicant shall provide at least one year post-construction ambient particulate monitoring data from a sampling site approved by the Department. A number of factors including the facility's proximity to a nonattainment area and its potential for emitting fugitive particulate matter suggest a need for data such as these to verify the reasonableness of assumptions made in the predictive air quality analysis.

VI. Proposed Allowable Emissions and Permit Conditions

See Draft Permits

Attachment: Rule 28-5

December 20, 1979

13, Impacts of the proposed sources on air quality within the property boundaries of the facility have not been evaluated. Thus, it is necessary that the applicant secure the property boundary in a manner such that the public is effectively desired access to the area within.

14. The applicant shall provide at least one year post-construction ambient particulate monitoring data from a sampling site approved by the Department. A number of factors including the facility's proximity to a nonattainment area and its potential for emitting fugitive particulate matter suggest a need for data such as these to verify the reasonableness of assumptions made in the predictive air quality analysis.

VI. Proposed Allowable Emissions and Permit Conditions

See Draft Permits

Attachment: Rule 28-5

December 20, 1979

7. Construction should commence and be completed within a reasonable time based on the projections included in the application.

8. The applicant should submit periodic reports on construction progress.

9. Construction should reasonably conform to the plans submitted.

10. The actual particulate emissions from each emission point should be verified by test using standard test methods prior to issuance of an operating permit. As a part of the operating permit, periodic tests on the emission points should be required.

11. Upon obtaining an operating permit, the applicant should submit periodic reports on the actual operation of the facility.

12. In accordance with Subsection 17-2.04(6) (a), the applicant has provided the Department with reasonable assurance that operation of the facility, as proposed, will not cause or contribute to ground-level particulate concentrations in excess of any Prevention of Significant Deterioration (PSD) increment or ambient air quality standard. Furthermore, the applicant has demonstrated that increased particulate emissions from the facility will not result in ground-level concentrations in excess of any level of significance within the nearby Hillsborough County particulate nonattainment area. Therefore, in accordance with Subsection 17-2.17(1)(c)2.c., none of the proposed sources at the facility is subject to the requirements of Sections 17-2.17, 17-2.18, 17-2.19 and 17-2.20.

Worst-case operating conditions for which the air quality 24-hour impact analyses were performed are as follows:

Case 1 - Dry phosphate rock receiving/transfer to silos/transfer to ship; and granular fertilizer receiving on both systems No. 1 and No. 2 (Emissions from dust collectors A,B,C,G,H,E,F,1,A',B',C', and D' and scrubbers J and K)

Case 2 - Dry phosphate rock receiving/transfer to silos; and granular fertilizer receiving on both systems No. 1 and No. 2/ transfer from either system to ship. (Emissions from dust collectors A,B,C,G,1,D,E,F,A',B',C', and D' and scrubber J).

The air quality annual impact analyses were performed using emission rates reflecting the hours of operation each control device is expected to experience based on proposed maximum product annual throughput.

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

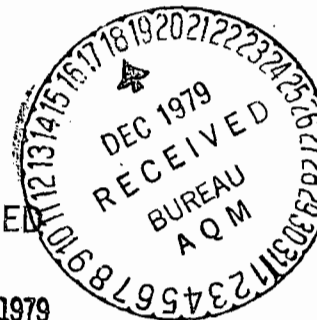
REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30308

DEC 12 1979

RECEIVED

DEC 17 1979

DEPT. OF
ENVIRONMENTAL REGULATION

Mr. Harold W. Long, Jr.
 Manager, Environmental Control
 Agrico Chemical Company
 P. O. Box 1110
 Mulberry, Florida 33860

Reference: PSD FL 045, Expansion at Big Bend Terminal for Phosphate
 Rock and Fertilizer Handling

Dear Mr. Long:

The subject of this letter is Agrico's application to expand the Big Bend terminal for phosphate rock and phosphate fertilizer. Your letter of October 22, and PSD application has been reviewed for completeness under the provisions of Federal Prevention of Significant Deterioration (PSD) Regulations (40 CFR 52.21).

Tier-II applications are required for all major modifications with allowable emissions greater than 50 tons per year, 1,000 pounds per 24-hour, and 100 pounds per hour, whichever is the most restrictive. Our calculations show that your worst-case scenario (Case 1), as given on page I-7 of your PSD analysis will result in a 24-hour emission in excess of 1,000 pounds per 24-hour. We have, therefore, reviewed your application with respect to the emission requirements necessary for Tier-II applications. We have found that the application (assigned the number PSD-FL-045) is incomplete in the following areas:

1. An identification of fugitive emissions from conveyors and other sources not ducted to the proposed control equipment must be included. This identification should include both an identification of individual sources and allowable emissions. Additionally, we will require a demonstration of BACT for the control of fugitive emissions.
2. The emissions from wet phosphate rock transfer operations are not adequately covered in your application. We require that all emissions be identified in the application. You should also demonstrate BACT for this operation and include this data in your modeling.
3. On page I-12 of the PSD application you stated that two of the large grid receptors are within Agrico's property boundary and therefore, not considered in the modeling because the general public does not have access to these locations. Please identify how the general public will be excluded from these areas.

Please identify where the property boundaries are (general public exclusion area) with respect to the closest receptors (large and small) used for modeling purposes. Demonstrate how the increment and NAAQS impact at the site boundary is adequately modeled for your choice of receptor grids.

4. Please provide a list of all non-Agrico sources which were included in the modeling. This list should include the plant's name, location, distance from Agrico, and allowable emissions.
5. We require that all non-Agrico sources close enough to the site to produce a non-uniform dispersion of TSP over the plant area be modeled on the small receptors (reference to page I-14).
6. Please provide an identification of the impact areas calculated for this proposed expansion. Impact areas should be identified for each of the averaging periods used in the modeling.
7. Please justify the use of a 15 kilometer radius to determine which non-Agrico sources were included in the PTMTP-W model (reference to page I-17).
8. Justify the assumption that Agrico's worst-case meteorology combined with winds directed toward Agrico will result in the largest increment consumption and ambient concentration within Agrico's impact area. Also, justify the use of these particular meteorological conditions in the baseline modeling.
9. The use of the 84th percentile TSP concentration is unacceptable for use as the 24-hour background level. We require the use of the highest (single year data) or second highest (multiple year data) high for the representative background receptor for use as the 24-hour background level.

You should recognize that the above materials may result in the need to modify your PSD permit application as previous transmitted. You should also be aware that because your application bases allowable emissions on the intermittent operation of various process functions, any permit approved on the basis of this application will specifically limit the allowable hours of operation or maximum plant thruput. Further, permit conditions to enforce such limits have been found in general to be difficult to develop and burdensome to implement.

When these materials are received, EPA will continue to process your PSD application. Please address submittals to this office with a copy to Mr. J. R. Jernigan of TRW, Inc., P. O. Box 13000, Research Triangle Park, N.C. 27709. TRW, Inc., is under contract to EPA and its personnel are acting as authorized representatives of the agency in providing aid to the Region IV PSD review program. If you have any questions, please feel free to contact William Rhea of my staff or Mr. Jernigan at (919) 541-9100.

You are encouraged to submit these materials as soon as possible. As you know, increment rights are determined by the date on which EPA receives a complete application. Please also be aware that certain sections of the PSD regulations are under revision as a result of a recent court decision ("Alabama Power vs. Douglas M. Costle"). These revisions are expected to make PSD regulations more restrictive in certain respects and less restrictive in others. Because the court has temporarily stayed its order and the final outcome is somewhat uncertain at this time, EPA Region IV is continuing to review applications under the PSD regulations as promulgated June 19, 1978. However, this does not necessarily preclude sources currently under review from the requirements of the revised regulations.

Sincerely yours,

Tommie A. Gibbs

Tommie A. Gibbs, Chief
Air Facilities Branch

DATS TRANSACTION PLACING AGRICO ON "INACTIVE"
STATUS (AC21696- AC21702).

10/15/79

M. HODGES

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

CERTIFIED MAIL

August 6, 1979

H. W. Long, Jr.
Manager, Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Dear Mr. Long:

We have received and reviewed for completeness the seven applications which you filed on July 9, 1979 to expand the materials handling capacity of the Agrico Big Bend Terminal.

Each of the seven applications received has been found to be incomplete in several respects.

Although you have filed on an obsolete form we will, in this particular case, accept the old application forms, provided you file the additional information required by the new application form (copy attached) and that you provide the additional information necessary to determine which specific rules apply to your project and the information needed to evaluate your proposal with respect to the applicable rules.

Due to your proximity to the Hillsborough County Particulate Nonattainment area, information is needed to establish whether or not the increase in particulate emissions from the Terminal will result in a significant impact on the particulate nonattainment area.

The attached report "Completeness Evaluation of Agrico Construction Permit Applications" number AC 29-21696 through AC 29-21702 describes the additional information needed to complete your applications with respect to this item and the other items.

The applicable rules on the date you filed your applications were the March 1979 version of the Nonattainment rules (17-2.17 & 17-2.18). An ambient impact evaluation under these applicable rules indicate that the particulate emissions resulting from your proposed terminal expansion will have a significant impact on the nonattainment area.

H. W. Long, Jr.
Page Two
August 6, 1979

Therefore, you will need to recommend LAER for each such project, provide a list of all sources that are owned or controlled by Agrico within the State of Florida, and certify that all of these sources are in compliance with all applicable state air rules or on an approved compliance schedule to meet the applicable rules. You would also need to obtain acceptable emission offsets for your increases in particulate emissions.

The March rule also requires the source(s) of these offsets to be within the designated particulate nonattainment area. (The July '79 revision however, allows the offsetting source(s) to be located either within the nonattainment area, or within 50 kilometers of the nonattainment area if the offsetting source has a significant impact on the designated nonattainment area).

You also need to establish if the project is subject to the state PSD rule. For this you need to provide the Department with information on all potential and allowable ^{TSP and SO₂} emissions from the ^{facility} terminal, and the changes in these potential and allowable emissions ^{proposed new source} that would occur if your projects are approved. If the ^{facility} terminal is a "major emitting facility" (it appears that it is), and the expansion you propose will result in increasing the emissions from the ^{is} terminal, (it appears that it would) your projects are subject to the State PSD rule. ^{mitigation} Under that rule, you need to recommend BACT for ^{the proposed source} each project, (which you have done, in part) and provide the Department with adequate assurance that the increase in emissions will not cause ^{or contribute to} a new ambient violation or ~~cause exceedance of the applicable PSD increments~~ (this you have not yet done). ^{of any ambient air quality standard or PSD increment}

As part of the PSD information required, you will need to provide 3 months of pre-construction ambient air monitoring and a commitment to conduct post-construction monitoring.

In addition to the information needed to answer the above general questions, specific answers to various technical questions are also needed in order to fully evaluate the application forms. These items are set forth in the attached report, and include but are not limited to information on emission point coordinates, fugitive dust control methods, particulate collection/capture systems to be used in conjunction with the proposed scrubbers and baghouses, existing conveyor designations as opposed to previously used conveyer designations, solids content of recirculated scrubber waters, as well as corrections, additions or clarifications concerning process flow rates and supporting technical data.

H. W. Long, Jr.
Page Three
August 6, 1979

It may be in your interest to meet with the individuals within the Bureau of Air Quality Management who have the responsibility of reviewing, processing and recommending issuance or denial of the construction permits you have requested. We will be glad to meet with you to assist you in filing a complete application, and to work with you in any way possible to expedite the processing of your applications.

For your information, I have attached a copy of 17-2 FAC as it existed prior to March 1979, a copy of the March 1979 revisions, and a copy of the June 20, 1979 revisions which corrected several technical deficiencies in the March 1979 Nonattainment Rule. The June 20, 1979 corrections became effective July 19, 1979.

Should you have any questions, please contact Steve Smallwood at (904) 488-1344.

Sincerely,



J. P. Subramani, Ph.D, P.E.
Chief, Bureau of Air Quality
Management

JPS/es

Attachment

cc: S. Smallwood ✓
D. Puchaty
D. Williams
R. Stewart
R. Cunningham
File

Completeness Report for the Expansion
and Modification of Agrico Big Bend Terminal

Application: AC 29-21696 (rotary car dump for dry rock)
AC 29-21697 (new conveying system for dry rock)
AC 29-21698 (storage silos for dry rock)
AC 29-21699 (conveyors to shiploader)
AC 29-21700 (shiploader)
AC 29-21701 (granular fertilizer unloading)
AC 29-21702 (granular fertilizer transfer
and storage)

Determination of Applicable Rules

Due to the location of your facility in proximity to the Hillsborough County particulate nonattainment area, evaluation requirements are imposed under both the non-attainment rules (17-2.17) and the PSD rules (17-2.04)

Exemption from the nonattainment rules will require demonstration in accordance with 17-2.17(1)(b) that the impact of the new source(s) on the nonattainment area will not cause the tabulated significance levels to be exceeded.

For purposes of this analysis all emission points comprising a single permit application shall be considered to be a single source. For dust collectors D, E and F, which may be considered modifications, the impact analysis shall be based on the increase in emissions over existing dust collectors 2, 3 and 4 respectfully.

Your facility will also be subject to the PSD review of 17-2.04(6) unless data can be submitted showing that the potential to emit (see definition 17-2.02(90)) is less than 250 tons per year.

Modelling and Data Requirements

PSD review will require an air quality analysis which affirmatively provides the Department with reasonable assurance that the facility will not cause an increase in ambient concentrations that will exceed and PSD increment or cause a violation of any air quality standard.

Since this above analysis will require modelling of fan-forced rather than combustion-type emission points, it is recommended that you, or your consultants, meet with us to discuss applicable modelling techniques prior to beginning any analysis. The PSD analysis will also require review of ambient monitoring data in the area for the period 1974 - present. It is our judgement that additional monitoring will be necessary in the immediate vicinity of the proposed facility to quantify what may be an abnormally high background concentration due to nearby sources of fugitive particulate matter. The monitoring is to be conducted for at least 3 months on a 3-day sampling cycle at a site approved by the Department, and all data should be entered into the Storage and Retrieval of Aerometric Data System (SAROAD). In order to enter such data in the SAROAD system, EPA approved reference or equivalent methods and instrument must be used, and the data collected in accordance with all applicable EPA quality assurance and instrument siting and operation criteria.

The foregoing requirements and 17-2.05(3), Prohibitive Acts, Fugitive Particulate require that control measure and ambient impacts for fugitive particulate sources must be addressed. Specifically, the applications should identify and discuss what measures, at the level of BACT, will be employed for control of fugitive emissions from sources including, but not limited to dredging and disposal of sludge from the scrubber sludge pond and wet rock storage along conveyor C-3.

Given the technical problems in quantifying such emissions and evaluating their impacts, it is likely that unless evaluation of submitted data and projected fugitive control measure indicate otherwise, we shall require a commitment from you to perform post-construction monitoring for the purpose of quantifying and evaluating fugitive emissions from the site.

Technical Discrepancies

The following items are common to all the applications received:

1. Specify the proposed start up date for the new operations.
2. Specify what limitations of operation hours, if any, are requested.
3. The allowable emission rates are based on the proposed BACT. The process weight table found in 17-2.05 is not applicable.
4. Confirm the stack height figures listed as above grade or clarify the meaning of the height listed.
5. Explain the basis for the assumption that all control equipment discharges are 15°F above the ambient temperature.
6. Provide the UTM coordinates within 0.1 km and the latitude/longitude for each emission point.
7. Describe the capture equipment methodology and the flow for each dust collector pickup area.
8. Detail the technique of depositing the recovered particulate on the conveyor and the prevention of escape or re-entrainment of the recovered particulate.
9. Give a description of the form which the dry rock is received in, i.e., as mined, crushed, etc.

10. Submit the test data that was used for determining the efficiency of the baghouse and scrubber.

The following items related to questions contained on application AC 29-21696 (existing rotary car dump and DC-A):

1. Verify that at present the rotary car dump is used exclusively for the transfer of wet phosphate rock and contains no control equipment for that operation.
2. Explain what fugitive dust controls are to be employed on the rail cars delivering the dry rock to the rotary car dump.

The following items pertain to items found in application AC 29-21697 (conveying system with DC-B, C, G, H):

1. Verify that for dry rock shipping, the existing conveyors are covered.
2. Will the existing truck dump feeding conveyors 2 or 15 at DC-B via conveyor number 7 handle any dry rock or source of particulate? If so, provide information on the control devices for the transfer of rock and the control of fugitive emissions, along with usage rate of the truck dump.

The following questions relate to the information contained in application AC 29-21698 (storage silos and DC-J, K):

1. Explain the different moisture conditions for the silos that preclude the use of baghouses since the operation of the conveying system on each side of the silo does not have this restriction.
2. A higher energy scrubber and baghouse should be examined in the BACT application.
3. Which silos will be vented through each scrubber.
4. Explain the derivation of the 5.5% water vapor content in the emission stack flow characteristics data sheet.
5. Provide information on the water flow rate of the recycled and fresh water in the scrubber, the water pressure, and the nozzle type.
6. Specify the design solids content of the recirculated water and explain its effect on scrubber operation.

7. Explain to the proposed fugitive dust control to be used for the disposal of the sludge from the settling pond.
8. Detail the methodology of capturing the particulate during the loading of conveyor number 19 from the storage silo and its transmittal to the scrubbers.

The following questions relates to application AC 29-21699 (conveying and DC-D, E):

1. Verify that the location of conveyor number 5 is between conveyor number 4 and the shiploaders conveyor. If it is not, describe its location and relationship to other conveyors.
2. Give the proposed date of the operation of the silo route and the status of this route after the start up of the silo route.

These items relate to application AC 29-21700 (ship-loader and DCF):

1. Explain the nature and detail of the "on board" capture system at the shiploading discharge point.
2. If DC-F is covering the conveyor number 5 - shiploader transfer point and the shiploading discharge point, is 10 gr/SCF still valid with two separate drop points? Explain.

These items relate to application AC 29-21701 (granular fertilizer unloading):

1. Existing permits for DC-2, 3 and 4 are not pertinent to this application and should not be included on it.
2. What fugitive ^{particulate matter} dust controls are employed on the rail cars and trucks delivering the granular fertilizer to the unloaders? Resolve and explain.
3. The discrepancy between hourly capacity and annual usage and tonnage. The hourly rates give 500 TPH x 800 Hr. = 400,000 TPY while the present 250 TPH facility is stated to have capacity of 400,000 TPY with projected total system capacity of 800,000 TPY. Previous permits list this at 350 ton/hr throughput rate? Which is correct?

The following questions relate to the application AC 29-21702 (granular fertilizer transfer and storage):

1. Existing permits for DC- 1, 2, 3 and 4 are not pertinent information for this application and should not be included.

2. Submit a legible schematic layout of the granular fertilizer unloading, conveying to storage, and conveying to the shiploading system along with the capacity of each conveyor. Both the new and existing conveying system should be included. (This may be on paper larger than 8½ x 11, if it is more convenience to do so).

3. Explain the ^{fugitive particulate} dust control methodology in the storage building and at all conveyor interfaces.

4. Is the entire conveying system covered?

DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#0000000024702 COET DER PROCESSOR:GARRETT DER OFFICE:TPA
 FILE NAME:HAROLD W. LUNG, JR. DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
 APPL NAME:AGRICO CHEMICAL COMPANY APPL PHONE:1813J428-1431 PROJECT COUNTY:29
 ADDR:P.O. BOX 4440 CITY:MULBERRY ST:FLZIP:33860
 AGNT NAME:RAYMOND T. SCHNEIDER AGNT PHONE:(813)665-1511
 ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ: / / / / / / REC: / / / / / /
 APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
 LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
 HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
 HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

THIS RECORD HAS BEEN SUCCESSFULLY ADDED
 FEE PD DATE#1: 7/9/79 \$ 20 RECEIPT# 32404 REFUND DATE: / / REFUND \$
 FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
 APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:AC DATE:07/09/79
 REMARKS:GRANULAR FERTILIZER STORAGE AND HANDLING - BIG BEND TERMINAL



PATTI ADAMS

DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000024699 CUET DER PROCESSOR:GARRETT DER OFFICE:TPA
 FILE NAME:HAROLD W. LONG DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
 APPL NAME:AGRICO CHEMICAL COMPANY APPL PHONE:(813)428-1434 PROJECT COUNTY:29
 ADDR:P.O. BOX 1110 CITY:MULBERRY ST:FLZIP:33860
 AGNT NAME:RAYMUND T. SCHNEIDER AGNT PHONE:(813)665-4544
 ADDR:P.O. BOX 2000 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ: / / / / / / REC: / / / / / /
 APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
 LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
 HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
 HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:M

THIS RECORD HAS BEEN SUCCESSFULLY ADDED

FEE PD DATE#1: 7/9/79 \$ 20 RECEIPT# 32404 REFUND DATE: / / REFUND \$
 FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
 APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:AC DATE:07/09/79
 REMARKS:GRANULAR FERTILIZER & DRY PHOSPHATE ROCK CONVEYING SYSTEM - BIG BEND
 TERMINAL



DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#0000000024498 COEN DER PROCESSOR:GARRETT DER OFFICE:TPA
FILE NAME:HAROLD W. LONG, DR. DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
APPL NAME:AGRICO CHEMICAL COMPANY APPL PHONE:(813)428-1434 PROJECT COUNTY:29
ADDR:P.O. BOX 1114 CITY:MULBERRY ST:FLZIP:33860
AGNT NAME:RAYMOND T. SCHNEIDER AGNT PHONE:(813)664-1511 CITY:LAKELAND ST:FLZIP:33803
ADDR:P.O. BOX 2008

ADDITIONAL INFO REQ: / / / / / / REC: / / / / / /
APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

THIS RECORD HAS BEEN SUCCESSFULLY ADDED

FEE PD DATE#1: 7/9/79 \$20 RECEIPT# 32404 REFUND DATE: / / REFUND \$
FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:AC DATE:07/09/79
REMARKS:BIG BEND TERMINAL - DRY PHOSPHATE ROCK STORAGE



DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000021697 COE# DER PROCESSOR:GARRETT DER OFFICE:TPA
 FILE NAME:HAROLD W. LONG, JR. DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
 APPL NAME:AGRICO CHEMICAL COMPANY APPL PHONE:(813)428-1434 PROJECT COUNTY:29
 ADDR:P.O. BOX 1110 CITY:MULBERRY ST:FLZIP:33860
 AGNT NAME:RAYMOND T. SCHNEIDER AGNT PHONE:(813)665-1511
 ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ: / / / / / / REC: / / / / / /
 APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
 LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
 HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
 HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

THIS RECORD HAS BEEN SUCCESSFULLY ADDED
 FEE PD DATE#1: 7/9/79 \$ 20 RECEIPT# 32404 REFUND DATE: / / REFUND \$
 FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
 APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:AC DATE:07/09/79
 REMARKS:BIG BEND TERMINAL - DRY PHOSPHATE ROCK RECEIVING



DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#0000000024700 COEM DER PROCESSOR:GARRETT DER OFFICE:TPA
FILE NAME:HAROLD W. LONG, JR. DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
APPL NAME:AGRICO CHEMICAL COMPANY APPL PHONE:(813)428-1434 PROJECT COUNTY:29
ADDR:P.O. BOX 1110 CITY:MULBERRY ST:FLZIP:33860
AGNT NAME:RAYMOND T. SCHNEIDER AGNT PHONE:(813)665-1511
ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ: / / / / / REC: / / / / /
APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / /
HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / /
HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

THIS RECORD HAS BEEN SUCCESSFULLY ADDED

FEE PD DATE#1: 7/9/79 \$ 20 RECEIPT#32404 REFUND DATE: / / REFUND \$
FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:AC DATE:07/09/79
REMARKS:BIG BENG TERMINAL - SHIPLOADER FOR DRY PHOSPHATE ROCK AND GRANULAR
FERTILIZER



DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000021696 COE# DER PROCESSOR:GARRETT DER OFFICE:TPA
 FILE NAME:HAROLD W. LONG, JR. DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
 APPL NAME:AGRICO CHEMICAL COMPANY APPL PHONE:(813)428-1431 PROJECT COUNTY:29
 ADDR:P.O. BOX 1110 CITY:MULBERRY ST:FLZIP:33860
 AGNT NAME:RAYMOND T. SCHNEIDER AGNT PHONE:(813)665-1511
 ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ: / / / / / / REC: / / / / / /
 APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
 LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
 HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
 HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

THIS RECORD HAS BEEN SUCCESSFULLY ADDED

FEE PD DATE#1: 7/9/79 \$ 20 RECEIPT#32404 REFUND DATE: / / REFUND \$
 FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
 APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:AC DATE:07/09/79
 REMARKS:BIG BEND TERMINAL - DRY PHOSPHATE ROCK RECEIVING



DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000024704 COEN DER PROCESSOR:GARRETT DER OFFICE:TPA
 FILE NAME:HAROLD W. LONG DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
 APPL NAME:AGRICO CHEMICAL COMPANY APPL PHONE:(813)428-1434 PROJECT COUNTY:29
 ADDR:P.O. BOX 1110 CITY:MULBERRY ST:FLZIP:33860
 AGNT NAME:RAYMOND T. SCHNEIDER AGNT PHONE:(813)665-1511
 ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ: / / / / / / REC: / / / / / /
 APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
 LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
 HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
 HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

THIS RECORD HAS BEEN SUCCESSFULLY ADDED

FEE PD DATE#1: 7/9/79 \$20 RECEIPT#32404 REFUND DATE: / / REFUND \$
 FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
 APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:AC DATE:07/09/79
 REMARKS:GRANULAR FERTILIZER STORAGE AND HANDLING - BIG BEND TERMINAL



DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000021696 COE# DER PROCESSOR:THOMAS DER OFFICE:TLH
FILE NAME:AGRICO CHEMICAL COMPANY DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
APPL NAME:LONG, HAROLD W. JR. APPL PHONE:(813)428-1434 PROJECT COUNTY:29
ADDR:P.O. BOX 4140 CITY:MULBERRY ST:FLZIP:33860
AGNT NAME:SCHNEIDER, R.T. AGNT PHONE:(813)665-1511
ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ:08/06/79 / / / / REC: / / / / / /
APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

*** RECORD HAS BEEN SUCCESSFULLY UPDATED *** 10/15/79 12:24:11

FEE PD DATE#1:07/09/79 \$0020 RECEIPT#00032404 REFUND DATE: / / REFUND \$
FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:IN DATE:07/09/79
REMARKS:BIG BEND TERMINAL - DRY PHOSPHATE ROCK RECEIVING

DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000021697 COE# DER PROCESSOR:THOMAS DER OFFICE:TLH
FILE NAME:AGRICO CHEMICAL COMPANY DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
APPL NAME:LONG, HAROLD W.JR. APPL PHONE:(813)428-1434 PROJECT COUNTY:29
ADDR:P.O. BOX 1440 CITY:MULBERRY ST:FLZIP:33860
AGNT NAME:SCHNEIDER, R.T. AGNT PHONE:(813)665-1514
ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ:08/06/79 / / / / REC: / / / / / /
APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

*** RECORD HAS BEEN SUCCESSFULLY UPDATED *** 10/15/79 12:22:29

FEE PD DATE#1:07/09/79 \$0020 RECEIPT#000032404 REFUND DATE: / / REFUND \$
FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:IN DATE:07/09/79
REMARKS:BIG BEND TERMINAL - DRY PHOSPHATE ROCK RECEIVING

DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000021698 COE# DER PROCESSOR:THOMAS DER OFFICE:TLH
FILE NAME:AGRICO CHEMICAL COMPANY DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
APPL NAME:LONG, HAROLD W. JR. APPL PHONE:(813)428-1434 PROJECT COUNTY:29
ADDR:P.O. BOX 4440 CITY:MULBERRY ST:FLZIP:33860
AGNT NAME:SCHNEIDER, R.T. AGNT PHONE:(813)664-1511
ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ:08/06/79 / / / / REC: / / / / / /
APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

*** RECORD HAS BEEN SUCCESSFULLY UPDATED *** 10/15/79 12:23:44

FEE PD DATE#1:07/09/79 \$0020 RECEIPT#00032404 REFUND DATE: / / REFUND \$
FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:IN DATE:07/09/79
REMARKS:BIG BEND TERMINAL - DRY PHOSPHATE ROCK STORAGE

DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000021699 COE# DER PROCESSOR:THOMAS DER OFFICE:TLH
FILE NAME:AGRICO CHEMICAL COMPANY DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
APPL NAME:LONG, HAROLD W. JR. APPL PHONE:(813)428-1431 PROJECT COUNTY:29
ADDR:P.O. BOX 1110 CITY:MULBERRY ST:FLZIP:33860
AGNT NAME:SCHNEIDER,R.T. AGNT PHONE:(813)665-1511
ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ:08/06/79 / / / / REC: / / / / / /
APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

*** RECORD HAS BEEN SUCCESSFULLY UPDATED *** 10/15/79 12:24:09

FEE PD DATE#1:07/09/79 \$0020 RECEIPT#00032404 REFUND DATE: / / REFUND \$
FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:IN DATE:07/09/79
REMARKS:GRANULAR FERTILIZER & DRY PHOSPHATE ROCK CONVEYING SYSTEM - BIG BEND
TERMINAL

DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000021700 COE# DER PROCESSOR:THOMAS DER OFFICE:TLH
FILE NAME:AGRIDO CHEMICAL COMPANY DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
APPL NAME:LONG, HAROLD W. JR. APPL PHONE:(813)428-1431 PROJECT COUNTY:29
ADDR:P.O. BOX 1110 CITY:MULBERRY ST:FLZIP:33860
AGNT NAME:SCHNEIDER, R.T. AGNT PHONE:(813)665-1511
ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ:08/06/79 / / / / REC: / / / / / /
APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

*** RECORD HAS BEEN SUCCESSFULLY UPDATED *** 10/15/79 12:26:04

FEE PD DATE#1:07/09/79 \$0020 RECEIPT#00032404 REFUND DATE: / / REFUND \$
FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:IN DATE:07/09/79
REMARKS:BIG BENG TERMINAL - SHIPLOADER FOR DRY PHOSPHATE ROCK AND GRANULAR
FERTILIZER

DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000021701 COE# DER PROCESSOR:THOMAS DER OFFICE:TLH
FILE NAME:AGRICO CHEMICAL COMPANY DATE FIRST REC: 07/09/79 APPLICATION TYPE:AC
APPL NAME:LONG, HAROLD W. JR. APPL PHONE:(843)428-4434 PROJECT COUNTY:29
ADDR:P.O. BOX 4440 CITY:MULBERRY ST:FLZIP:33860
AGNT NAME:SCHNEIDER, R.T. AGNT PHONE:(843)665-1544
ADDR:P.O. BOX 2008 CITY:LAKELAND ST:FLZIP:33803

ADDITIONAL INFO REQ:08/06/79 / / / / REC: / / / / / /
APPL COMPLETE DATE: / / COMMENTS NEC:Y DATE REQ: / / DATE REC: / /
LETTER OF INTENT NEC:Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / / /
HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / / /
HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED:N

*** RECORD HAS BEEN SUCCESSFULLY UPDATED *** 10/15/79 12:26:50

FEE PD DATE#1:07/09/79 \$0020 RECEIPT#00032404 REFUND DATE: / / REFUND \$
FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:IN DATE:07/09/79
REMARKS:GRANULAR FERTILIZER STORAGE AND HANDLING - BIG BEND TERMINAL

DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000021702 COE#

DER PROCESSOR:THOMAS

DER OFFICE:TLH

FILE NAME:AGRICO CHEMICAL COMPANY

DATE FIRST REC: 07/09/79

APPLICATION TYPE:AC

APPL NAME:LONG, HAROLD W. JR.

APPL PHONE:(813)428-1431

PROJECT COUNTY:29

ADDR:P.O. BOX 1110

CITY:MULBERRY

ST:FLZIP:33860

AGNT NAME:SCHNEIDER, R.T.

AGNT PHONE:(813)665-1511

CITY:LAKELAND

ST:FLZIP:33803

ADDITIONAL INFO REQ:08/06/79

/ /

/ /

REC: / /

/ /

/ /

/ /

APPL COMPLETE DATE: / /

COMMENTS NEC:Y

DATE REQ: / /

DATE REC: / /

LETTER OF INTENT NEC:Y

DATE WHEN INTENT ISSUED: / /

WAIVER DATE: / /

HEARING REQUEST DATES: / /

/ /

/ /

/ /

HEARING WITHDRAWN/DENIED/ORDER -- DATES: / /

/ /

/ /

/ /

HEARING ORDER OR FINAL ACTION DUE DATE: / /

MANUAL TRACKING DESIRED:N

*** RECORD HAS BEEN SUCCESSFULLY UPDATED ***

10/15/79

12:27:33

FEE PD DATE#1:07/09/79 \$0020

RECEIPT#00032404

REFUND DATE: / /

REFUND \$

FEE PD DATE#2: / / \$

RECEIPT#

REFUND DATE: / /

REFUND \$

APPL:ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED:IN DATE:07/09/79

REMARKS:GRANULAR FERTILIZER STORAGE AND HANDLING - BIG BEND TERMINAL

12-12-78
A039-12987



D. L. R.

SEP 11 1978

RECEIVED

SEP 7 1978

H.C.E.P.G.

SOUTHWEST DISTRICT,
TAMPA

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

Source Type: Air Pollution [X] Incinerator []
 Type application: [X] Operation [] Construction
 Source Status: [] New [X] Existing [] Modification
 Company Name: Agrico Chemical Company County: Hillsborough
 Source Identification: Big Bend Terminal
 Source Location: Street: P. O. Box 445 City: Gibsonton
 UTM: East 361000M North 3076250M
 Appl. Name and Title: Harold W. Long, Jr., Manager, Environmental Control
 Appl. Address: P. O. Box 1110, Mulberry, Florida 33860

STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative of* Agrico Chemical Company
 I certify that the statements made in this application for a Operating permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department and revisions thereof. I also understand that a permit, if granted by the Department, will be nontransferable and I will promptly notify the Department upon sale or legal transfer of the permitted establishment.

Harold W. Long, Jr.

Signature of the Owner or Authorized Representative and Title

Date: 9/5/78 Telephone No.: 813/428-1431

*Attach a letter of authorization. If applicant is a corporation, a Certificate of Good Standing must be submitted with application. This may be obtained for a \$5.00 charge from the Secretary of State, Bureau of Corporate Records, Tallahassee, Florida 32304.

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulation of the Department. It is also agreed that the undersigned will furnish the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signature: *William S. Hornbeck*

Name: William S. Hornbeck
(Please Type)

Mailing Address: 212 Skyland Drive
Lakeland, Florida 33803

Company Name: Agrico Chemical Company

Telephone No.: 646-1280

Florida Registration Number: 20095

Date: Aug 29, 1978

(Affix Seal)

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

No 32404

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Agrico Chemical Co. Date 7-9-79

Address One Williams Street Tulsa, OK Dollars \$ 1410.00

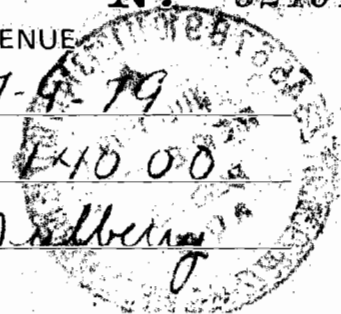
Applicant Name & Address Harold W. Long, Jr., Box 1110, Melburn

Source of Revenue Big Bend Terminal

Revenue Code 0101 Application Number AC29-21696 thru
AC29-21702

By F. L. Barron

205855



DETAILED DESCRIPTION OF SOURCE

A. Describe the nature and extent of the project. Refer to existing pollution control facilities, expected improvement in performance of the facilities and state whether the project will result in full compliance. Attach additional sheet if necessary.

Granular Plant food storage of 25,000 tons. Unloading, transfer, and ship loading controlled with baghouse type dust collectors.

B. Schedule of Project Covered in this Application (Construction Permit Application Only).

Start of Construction: N/A

Completion of Construction: N/A

C. Costs of Construction (Show a breakdown of estimated costs for individual components/units of the project serving pollution control purpose only). Information on actual costs shall be furnished with the application for operation permit.

N/A

D. For this source indicate any previous DER permits, orders, and notices; including issuance dates and expiration dates.

For Granular Plant Food Facility:

A0 29-2432

Issued 11-2-76

Expiration Date 10-31-78

E. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? Yes No

AIR POLLUTION SOURCES & CONTROL DEVICES
(other than incinerators)

A. Identification of Air Contaminants

- 1) Particulates
 a) Dust b) Fly Ash c) Smoke d) Other (Identify)
- 2) Sulfur Compounds
 a) SO_x as SO₂ b) Reduced Sulfur as H₂S c) Other (Identify)
- 3) Nitrogen Compounds
 a) NO_x as NO₂ b) NH₃ c) Other (Identify)
- 4) Fluorides 5) Acid Mist 6) Odor
- 7) Hydrocarbons 8) Volatile Organic Compounds
- 9) Other (Specify) _____

B. Raw Materials and Chemicals Used (Be Specific)

This is a non-process operation (storage).

Description	Utilization Rate lbs./hr. Tons/Hr.	Approximate Contaminant Content		Relate to Flow Diagram
		Type	% Wt.	
Granular Plant Food				
Material:				
To Storage	350	Particulate	100	A
To Loading	1000	"	100	B

C. Process Rate:

- 1) Total Process input Rate* 1000 TPH 2,000,000 lbs./hr Units.
 2) Product Weight* 1,999,995 Units.
 3) Normal Operating Time As req. to store & load if seasonal describe: depends on fertz. demand.
 est. hrs./day 18 days/wk. 7 wks/yr. " " " " "

D. Airborne Contaminants Discharged:

Name of Contaminant	Actual** Discharge		Discharge Criteria Rate*	Allowable Discharge Lbs./hr.	Relate to Flow Diagram
	lbs./hr.	T/yr.			
Particulate Est.	1	Unknown	PWR	44.19	DC-1
"	1	"	"	53.82	DC-2
"	1	"	"	53.82	DC-3
"	3	"	"	53.82	DC-4

*Refer to Chapter 17-2.04(2), Florida Administrative Code.
 (Discharge Criteria: Rate=#/ton P₂O₅, #/M BTU/hr., etc.)

**Estimate only if this is an application to construct.

D. Airborne Contaminants Discharged. (Cont'd.)

Name of Contaminant	Hourly Emission (lb./hr.)	Daily Emission (lb./day)	Yearly Emission (T/yr.)	Basis for Emission Estimate (Test Data, Material Balance)
Particulate (DC-1)	Est. 1	18	Unknown	Basis Design Data
" (DC-2)	Est. 1	18	"	" " "
" (DC-3)	Est. 1	18	"	" " "
" (DC-4)	Est. 3	54	"	" " "

E. Control Devices: Micro Pulsaire bag type dust collectors

Name and Type (Model and Serial No.)	Contaminant	Efficiency*	Conditions of Operations	Basis for Efficiency (Operational Data, Test, Design, Data)
1 Model 815-8-20	Particulate	99.8%	Unloading	Design
2 Model 495-8-20	"	"	Shipping	"
3 Model 495-8-20	"	"	"	"
4 Model 384K-8	"	"	"	"

*See required supplement.
(Include any test data and/or design data for efficiency substantiation)

F. Fuels N.A.

Type (Be Specific, includes %S, etc.)	Daily Consumption *		Maximum Heat Input MBTU/hr.
	Avg./hr.	Max./hr.	

* Units: Natural Gas-MCF/hr.; Fuel Oils, Coal-lbs./hr.

Fuel Analysis:

Percent Sulfur _____ Percent Ash _____

Density _____ lb./gal.

Heat Capacity _____ BTU/lb. _____ BTU/gal.

Other Fuel Contaminants _____

- G. Describe briefly, without revealing trade secrets, the processes/operations generating airborne emissions identified in this application.

Storage, transfer, and shipping of granular food material.

- H. Indicate liquid or solid wastes generated and method of disposal.

None. Baghouse product discharges onto next conveyor in line.

- I. Emission Stack Geometry and Flow Characteristics. (Provide Date for each Stack).

Stack Height	DC-1 36'	DC-2 25'	DC-3 25'	DC-4 30'	ft, Stack Diameter	DC-1 14"x18"	DC-2 & DC-3 12"x16" ft.	DC-4 26"
Gas Flow Rate	DC-1 4500	DC-2 & DC-3 2750	ACFM, Gas Exit Temperature		15	of		Above ambient
	DC-4 20,000							

- J. Required Supplements:

1. Total process input rate and product weight - show deviation. Attached
2. Efficiency Estimation. Attached
3. An 8 1/2" x 11" flow diagram, which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate whether raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particulates are evolved and where finished products are obtained.
4. An 8 1/2" x 11" plot plan showing the exact location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.
5. An 8 1/2" x 11" plot plan showing the exact location of the establishment, and points of airborne emissions in relation to the surrounding area, residences and other permanent structures and roadways.
6. If applicable, provide a brief description of the control device or treatment system serving the discharge point for airborne contaminants identified in this application. Include details of the manufacturer, model, size, type and capacity for control/treatment device and the features of the discharge point (height above ground, diameter, period(s) of discharge and discharge temperature).
7. Plans for storm water control during and after construction.

Rainfall runoff from wet rock storage directed to the north settling basin and from granular fertilizer storage it is directed to the south settling basin.

SUPPLEMENT NO. 1

This is simply a product transfer operation. Weighed railroad cars or trucks are received and unloaded at a rate of 350 TPH into a storage building.

Product is removed from storage and loaded into barges or ships at a maximum rate of 1000 TPH. Product weight is determined as it passes over a belt scale.

Dust collectors at transfer points discharge recovered product back onto conveyor belt, so the only product loss is out of the dust collector stacks.

<u>TOTAL PROCESS INPUT RATE</u>	<u>PRODUCT LOSS</u>	<u>PRODUCT WEIGHT</u>
1000 TPH	5 lbs./hr.	1,999,995 lbs./hr.

S U P P L E M E N T N O . 2

FROM DESIGN DATA: All dust collectors will operate under conditions of 10 grains/standard cubic foot inlet loading (at maximum), 140° F and 50% relative humidity, to yield maximum emissions based on outlet loading of 0.02 grains/standard cubic foot.

140° F = 5.881 inches Hg. vapor pressure

Therefore: $\frac{\% \text{H}_2\text{O} = (5.881) (0.50 = \text{Rel. Hum.})}{30=(P \text{ bar})} \times 100 = 9.8$

DUST COLLECTOR NO. 1 = 4,500 ACFM

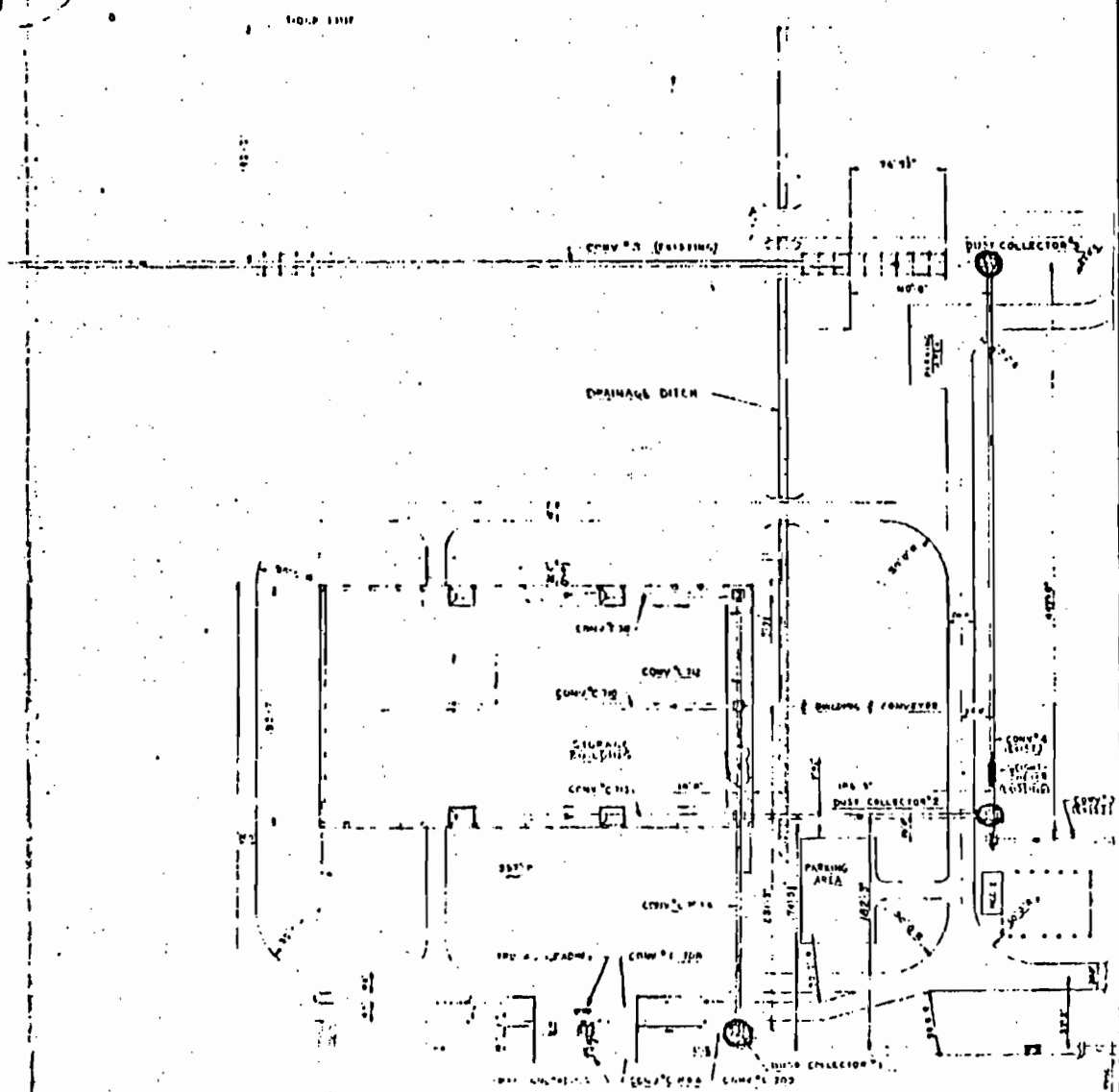
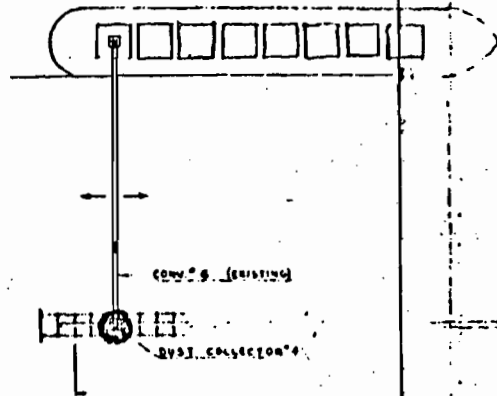
(4,500) (1-0.098) (530/600) (30/30) = 3,585 SCFM Dry
(3,585) (60)/7000 = 30.73 = Constant
(30.73) (10 Gr./SCF) = 307.3 lb./hr. inlet particulate
(30.73) (0.02 Gr./SCF) = 0.614 lb./hr. outlet particulate
(307.3 - 0.614/307.3) 100 = 99.8% Efficiency

DUST COLLECTOR NOS. 2 & 3 = 2,750 ACFM

(2,750) (1-0.098) (530/600) (30/30) = 2,191 SCFM Dry
(2,191) (60)/7000 = 18.78 = Constant
(18.78) (10 Gr./SCF) = 187.8 lb./hr. inlet particulate
(18.78) (0.02 Gr./SCF) = 0.376 lb./hr. outlet particulate
(187.8 - 0.376/187.8) 100 = 99.8% Efficiency

DUST COLLECTOR NO. 4 = 20,000 ACFM





(20,000) (1-0.098) (530/600) (30/30) = 15,935 SCFM
(15,935) (60)/7000 = 136.59 = Constant
(136.59) (10 Gr./SCF) = 1365.9 lb./hr. inlet particulate
(136.59) (0.02 Gr./SCF) = 2.732 lb./hr. outlet particulate
(1365.9 - 2.732/1365.9) 100 = 99.8% Efficiency



<p>PRIDGEN ENGINEERING CO., INC. LAKELAND, FLORIDA</p>		<p>CONV. S. (EXISTING)</p>		<p>DUST COLLECTOR</p>		<p>DRAINAGE DITCH</p>		<p>PARKING AREA</p>	
<p>CONV. 1</p>		<p>CONV. 2</p>		<p>CONV. 3</p>		<p>CONV. 4</p>		<p>CONV. 5</p>	
<p>CONV. 6</p>		<p>CONV. 7</p>		<p>CONV. 8</p>		<p>CONV. 9</p>		<p>CONV. 10</p>	
<p>CONV. 11</p>		<p>CONV. 12</p>		<p>CONV. 13</p>		<p>CONV. 14</p>		<p>CONV. 15</p>	
<p>CONV. 16</p>		<p>CONV. 17</p>		<p>CONV. 18</p>		<p>CONV. 19</p>		<p>CONV. 20</p>	
<p>CONV. 21</p>		<p>CONV. 22</p>		<p>CONV. 23</p>		<p>CONV. 24</p>		<p>CONV. 25</p>	
<p>CONV. 26</p>		<p>CONV. 27</p>		<p>CONV. 28</p>		<p>CONV. 29</p>		<p>CONV. 30</p>	
<p>CONV. 31</p>		<p>CONV. 32</p>		<p>CONV. 33</p>		<p>CONV. 34</p>		<p>CONV. 35</p>	
<p>CONV. 36</p>		<p>CONV. 37</p>		<p>CONV. 38</p>		<p>CONV. 39</p>		<p>CONV. 40</p>	
<p>CONV. 41</p>		<p>CONV. 42</p>		<p>CONV. 43</p>		<p>CONV. 44</p>		<p>CONV. 45</p>	
<p>CONV. 46</p>		<p>CONV. 47</p>		<p>CONV. 48</p>		<p>CONV. 49</p>		<p>CONV. 50</p>	
<p>CONV. 51</p>		<p>CONV. 52</p>		<p>CONV. 53</p>		<p>CONV. 54</p>		<p>CONV. 55</p>	
<p>CONV. 56</p>		<p>CONV. 57</p>		<p>CONV. 58</p>		<p>CONV. 59</p>		<p>CONV. 60</p>	
<p>CONV. 61</p>		<p>CONV. 62</p>		<p>CONV. 63</p>		<p>CONV. 64</p>		<p>CONV. 65</p>	
<p>CONV. 66</p>		<p>CONV. 67</p>		<p>CONV. 68</p>		<p>CONV. 69</p>		<p>CONV. 70</p>	
<p>CONV. 71</p>		<p>CONV. 72</p>		<p>CONV. 73</p>		<p>CONV. 74</p>		<p>CONV. 75</p>	
<p>CONV. 76</p>		<p>CONV. 77</p>		<p>CONV. 78</p>		<p>CONV. 79</p>		<p>CONV. 80</p>	
<p>CONV. 81</p>		<p>CONV. 82</p>		<p>CONV. 83</p>		<p>CONV. 84</p>		<p>CONV. 85</p>	
<p>CONV. 86</p>		<p>CONV. 87</p>		<p>CONV. 88</p>		<p>CONV. 89</p>		<p>CONV. 90</p>	
<p>CONV. 91</p>		<p>CONV. 92</p>		<p>CONV. 93</p>		<p>CONV. 94</p>		<p>CONV. 95</p>	
<p>CONV. 96</p>		<p>CONV. 97</p>		<p>CONV. 98</p>		<p>CONV. 99</p>		<p>CONV. 100</p>	

AGRICO CHEMICAL CO.

ZONING LEGEND

-  M-1 (Heavy Industrial)
-  AGRICO (Terminal Site)
-  AGRICO (Property)
-  Unzoned

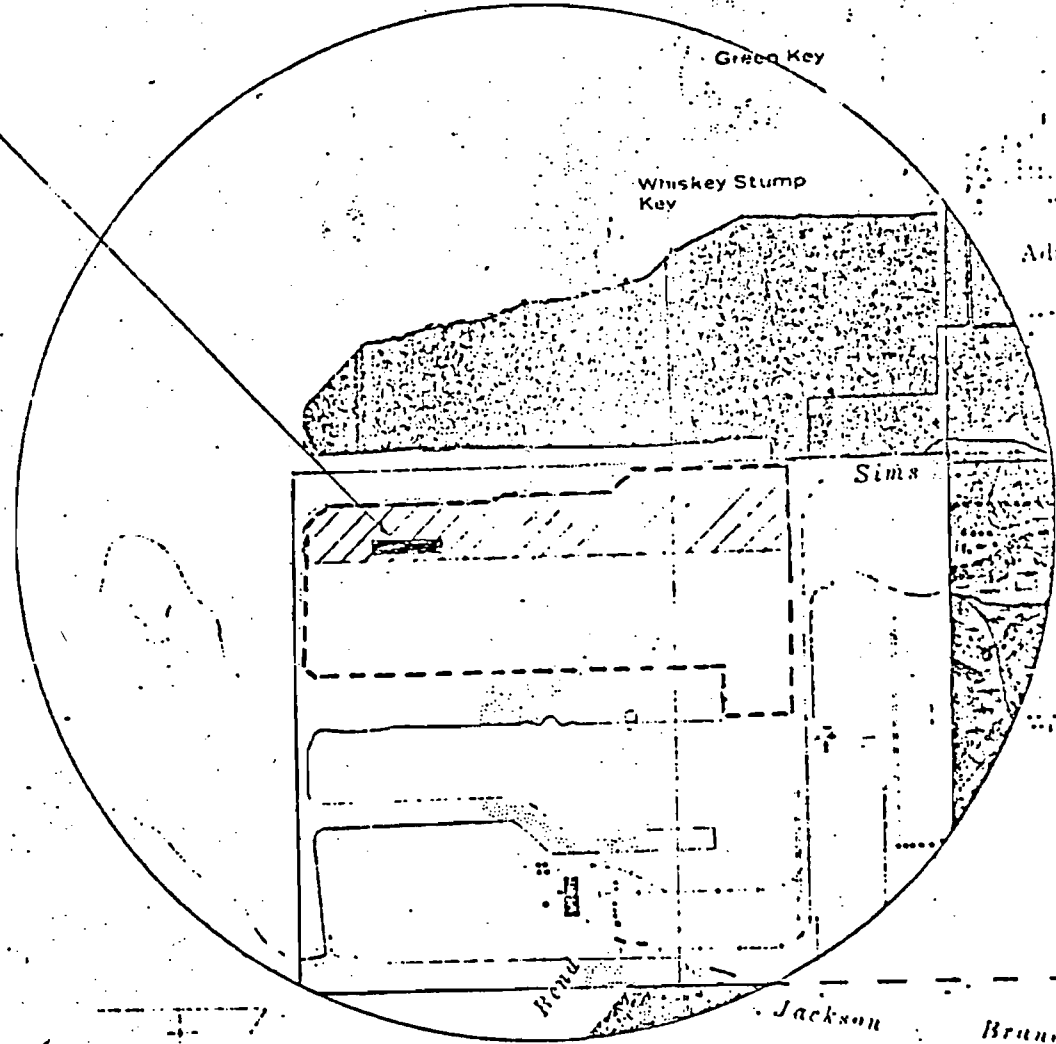


Hoy and Homby Cove

The Kitchen

GRANULAR STORAGE

cLight



GIBSONTON QUADRANGLE
FLORIDA - HILLSBOROUGH CO.

Newman


September 8, 1977

To Whom It May Concern:

Please be advised that the undersigned is Senior Vice President, Mining, Agrico Chemical Company, a Delaware corporation, with its principal office at One Williams Center, Tulsa, Oklahoma, hereafter called "Agrico." Mr. H. W. Long, Jr., Manager of Environmental Control of Agrico, is authorized to make, execute and submit to any appropriate federal, state or local government authority, in behalf of Agrico, any statement, application, request or the like, that is or shall be necessary, appropriate, or useful, for normal business activities.

Very truly yours,

AGRICO CHEMICAL COMPANY

By 
R. G. Garcia
Senior Vice President - Mining

State of Florida

DEPARTMENT OF STATE • DIVISION OF CORPORATIONS

I certify from the records of this office that AGRICO CHEMICAL COMPANY (FLORIDA), is a corporation organized under the laws of the State of Delaware, authorized to transact business within the State of Florida.

The charter number for this corporation is 837145.

I further certify that said corporation has filed all annual reports and paid all annual report filing fees due this office through December 31, 1978, and its status is active.

GIVEN under my hand and the Great Seal of the State of Florida, at Tallahassee, the Capital, this the 14th day of August, 1978.



Janet M. Lewis, Jr.
SECRETARY OF STATE

7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610



REUBIN O'D. ASKEW
GOVERNOR

JOSEPH W. LANDERS, JR.
SECRETARY

DAVID PUCHATY
DISTRICT MANAGER

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT

Agrico Chemical Company
Hillsborough County - A.P.
Big Bend Terminal, Unloading transfer baghouse
January 30, 1979

Mr. Harold Long, Jr.
Manager, Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Dear Mr. Long:

Pursuant to Section 403.061(16), Florida Statutes, your application has been approved by the Department and, therefore, we are issuing to you the enclosed permit no. A029-14854 which will expire on December 31, 1983.

This permit is not effective unless you accept it, including any and all of the conditions contained therein. If you do not choose to accept it, you must file an appropriate petition for a hearing pursuant to the provisions of Section 120.57, Florida Statutes.

A petition for a hearing must comply with the requirements of Florida Administrative Code, Section 28-5.15 and be filed (postmarked) with the Secretary of the Department of Environmental Regulation at Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301, with a copy to this office within fourteen (14) days from receipt of this letter. Petitions which are not filed in accordance with the above provisions may be subject to dismissal.

Any time limits imposed in the permit are a condition to this permit and are enforceable under Section 403.061, Florida Statutes. You are hereby placed on notice that the Department will review this permit to check for compliance and will initiate enforcement action for violations of the conditions and requirements of this permit.

Your continued cooperation in this matter is appreciated. Please refer to your assigned permit number in all future communications.

Sincerely,

P. David Puchaty
District Manager

cc: Central Files
HCEPC

William S. Hornbeck, P.E.
Enclosures

RULES OF THE ADMINISTRATION COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and,
 - (g) Such other information which the petitioner contends is material.

NOTE: At a formal hearing all parties shall have an opportunity to present evidence and argument on all issues involved, to conduct cross-examination and submit rebuttal evidence, to submit proposed findings of fact and orders, to file exceptions to any order or hearing officer's recommended order, and to be represented by counsel.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

NEDS No: 0094
Point ID: 01

OPERATION PERMIT

FOR Agrico Chemical Company
P.O. Box 1110
Mulberry, Florida 33880

PERMIT NO. A029-14854 DATE OF ISSUE January 30, 1979

PURSUANT TO THE PROVISIONS OF SECTIONS 403.061 (16) AND 403.707 OF CHAPTER 403, FLORIDA STATUTES AND CHAPTERS 17-4 AND 17-7 FLORIDA ADMINISTRATIVE CODE, THIS PERMIT IS ISSUED TO: Mr. Harold W. Long, Jr., Manager, Environmental Control

FOR THE OPERATION OF THE FOLLOWING: Dust Collector No. 1, Model 815-8-20 (DC-1) serving the unloading and transfer of granular food material at the shipping terminal. Subject to the attached conditions no. 1, 2, 3, 5, and 6.

LOCATED AT: Big Bend Terminal, Gibsonton, Hillsborough County
UTM: 17-361.0 E and 3076.2-N

IN ACCORDANCE WITH THE APPLICATION DATED September 5, 1978

ANY CONDITIONS OR PROVISOS WHICH ARE ATTACHED HERETO ARE INCORPORATED INTO AND MADE A PART OF THIS PERMIT AS THOUGH FULLY SET FORTH HEREIN. FAILURE TO COMPLY WITH SAID CONDITIONS OR PROVISOS SHALL CONSTITUTE A VIOLATION OF THIS PERMIT AND SHALL SUBJECT THE APPLICANT TO SUCH CIVIL AND CRIMINAL PENALTIES AS PROVIDED BY LAW.

THIS PERMIT SHALL BE EFFECTIVE FROM THE DATE OF ISSUE UNTIL December 31, 1983 OR UNLESS REVOKED OR SURRENDERED AND SHALL BE SUBJECT TO ALL LAWS OF THE STATE AND THE RULES AND REGULATIONS OF THE DEPARTMENT.

[Signature]
DISTRICT ENGINEER

[Signature]
JOSEPH W. LANDERS, JR.
SECRETARY

[Signature]
Rogez P. Stewart, Director
Hills. Co. Env. Protection Commission

[Signature]
DISTRICT MANAGER

State of Florida
Department of Environmental Regulation

OPERATION PERMIT CONDITIONS
FOR AIR POLLUTION SOURCES

Permit No.: A029-14854

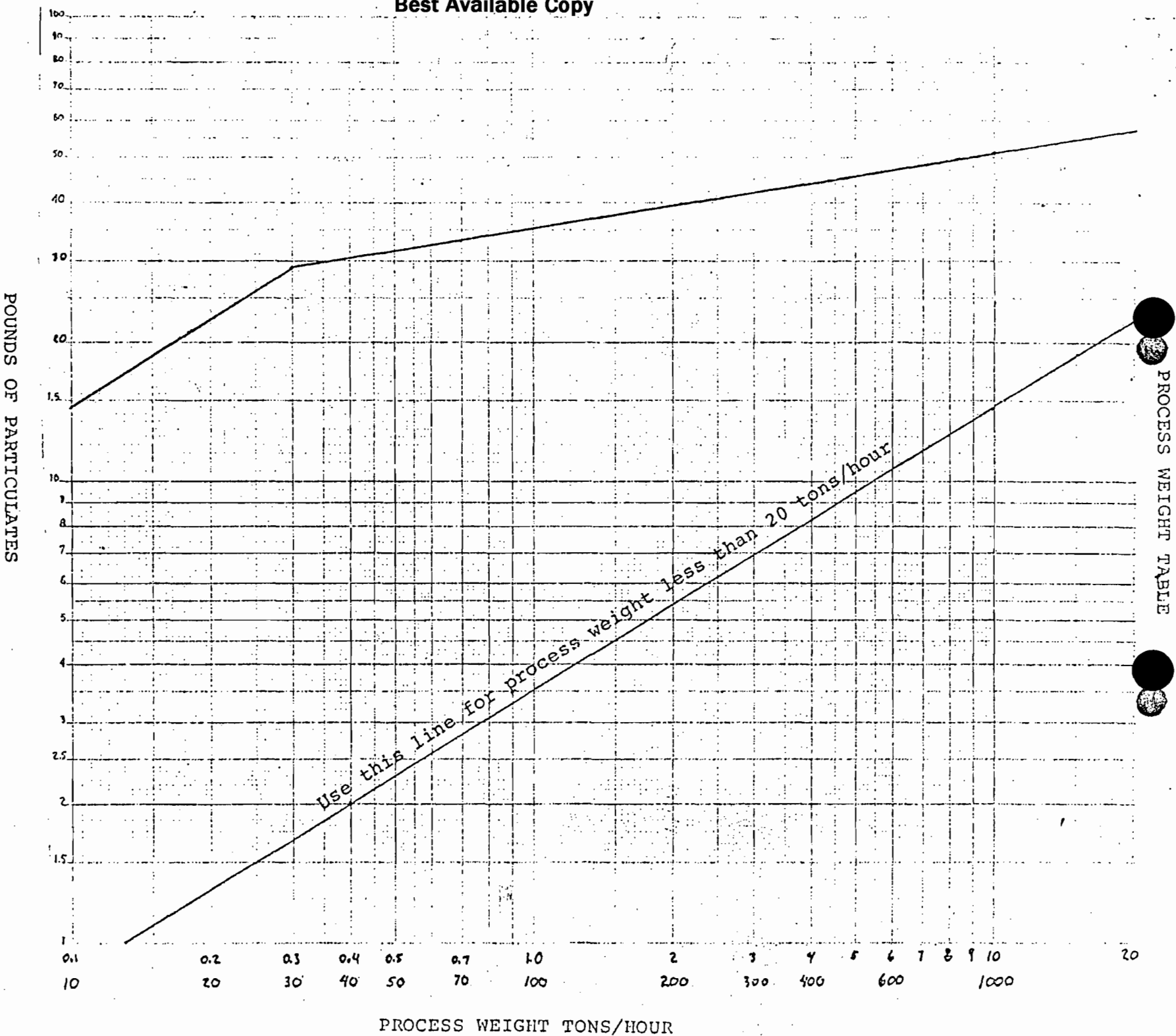
Date: January 30, 1979

An (X) indicates applicable conditions

- (X) 1. The permit holder must comply with Florida Statute, Chapter 403 and the applicable Chapters of the Department of Environmental Regulation in addition to the conditions of this permit (Chapter 403.161(1)(b), Florida Statutes).
- (X) 2. Test the emissions for the following pollutant(s) at intervals of 6 months from the date 4/13/78 and submit a copy of test data to the District Engineer of this agency within fifteen days of such testing (Chapter 17-2.07(1), Florida Administrative Code (F.A.C.)).
- | | |
|-------------------|--------------------------|
| () Particulates | () Sulfur Oxides |
| () Fluorides | () Nitrogen Oxides |
| (X) Plume Density | () Hydrocarbons |
| | () Total Reduced Sulfur |
- (X) 3. Testing of emissions must be accomplished at approximately the rates as stated in the application. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data (Chapter 403.161(1)(c), Florida Statutes).
- () 4. Submit for this source quarterly reports showing the type and monthly quantities of fuels used in the operation of this source. Also state the sulfur content of each fuel (Chapter 17-4.14, F.A.C.).
- (X) 5. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information as per Chapter 17-4.14, F.A.C.
- (A) Annual amount of materials and/or fuels utilized.
 - (B) Annual emissions (note calculation basis).
 - (C) Any changes in the information contained in the permit application.

- (X) 6. In the event the permittee is temporarily unable to comply with any of the conditions of the permit, the permittee shall immediately notify the District Office of the D.E.R. as per Chapter 17-4.13, F.A.C. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement actions by the Department.
- () 7. According to the Process Weight Table within Chapter 17-2.04(2), F.A.C., the maximum allowable emission rate of particulate matter for a process rate of _____ tons/hour is _____ pounds/hour. At lesser process rates, the allowable emission rates can be determined from the graph.
- () 8. This permit is associated with a Development of Regional Impact (D.R.I.). It does not waive any other permits that may be required from this or any other state, federal, or local agency.

Best Available Copy



PROCESS WEIGHT TABLE

PROCESS WEIGHT TONS/HOUR

7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610



REUBIN O'D. ASKEW
GOVERNOR

JOSEPH W. LANDERS, JR.
SECRETARY

DAVID PUCHATY
DISTRICT MANAGER

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT

Agrico Chemical Company
Hillsborough County - A.P.
Big Bend Terminal, shiploading baghouse
January 30, 1979

Mr. Harold Long, Jr.
Manager, Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Dear Mr. Long:

Pursuant to Section 403.061(16), Florida Statutes, your application has been approved by the Department and, therefore, we are issuing to you the enclosed permit no. A029-14855 which will expire on December 31, 1983.

This permit is not effective unless you accept it, including any and all of the conditions contained therein. If you do not choose to accept it, you must file an appropriate petition for a hearing pursuant to the provisions of Section 120.57, Florida Statutes.

A petition for a hearing must comply with the requirements of Florida Administrative Code, Section 28-5.15 and be filed (postmarked) with the Secretary of the Department of Environmental Regulation at Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301, with a copy to this office within fourteen (14) days from receipt of this letter. Petitions which are not filed in accordance with the above provisions may be subject to dismissal.

Any time limits imposed in the permit are a condition to this permit and are enforceable under Section 403.061, Florida Statutes. You are hereby placed on notice that the Department will review this permit to check for compliance and will initiate enforcement action for violations of the conditions and requirements of this permit.

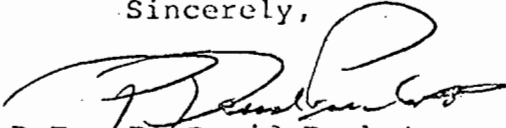
Your continued cooperation in this matter is appreciated. Please refer to your assigned permit number in all future communications.

Sincerely,

cc: Central Files

HCEPC

William S. Hornbeck, P.E.


P. David Puchaty

District Manager

Enclosures

RULES OF THE ADMINISTRATION COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and,
 - (g) Such other information which the petitioner contends is material.

NOTE: At a formal hearing all parties shall have an opportunity to present evidence and argument on all issues involved, to conduct cross-examination and submit rebuttal evidence, to submit proposed findings of fact and orders, to file exceptions to any order or hearing officer's recommended order, and to be represented by counsel.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

NEDS No: 0094
Point ID: 04

OPERATION PERMIT

FOR Agrico Chemical Company

P.O. Box 110

Mulberry, Florida 33860

PERMIT NO. AO29-14855 DATE OF ISSUE January 30, 1979

PURSUANT TO THE PROVISIONS OF SECTIONS 403.061 (16) AND 403.707 OF CHAPTER 403 FLORIDA STATUTES AND CHAPTERS 17-4 AND 17-7 FLORIDA ADMINISTRATIVE CODE, THIS PERMIT IS ISSUED TO:
Mr. Harold W. Long, Jr. Manager, Environmental Control

FOR THE OPERATION OF THE FOLLOWING:
Dust collector No. 4, Model 384K-8 (DC4), for controlling emissions from the granular food material being loaded to ships from the gantry at the shiploading facility. Subject to the attached condition nos. 1, 2, 3, 5, and 6.

LOCATED AT: Big Bend Terminal, Gibsonton, Hillsborough County
UTM: 17-361.0 E and 3076.2 N

IN ACCORDANCE WITH THE APPLICATION DATED September 5, 1978

ANY CONDITIONS OR PROVISOS WHICH ARE ATTACHED HERETO ARE INCORPORATED INTO AND MADE A PART OF THIS PERMIT AS THOUGH FULLY SET FORTH HEREIN. FAILURE TO COMPLY WITH SAID CONDITIONS OR PROVISOS SHALL CONSTITUTE A VIOLATION OF THIS PERMIT AND SHALL SUBJECT THE APPLICANT TO SUCH CIVIL AND CRIMINAL PENALTIES AS PROVIDED BY LAW.

THIS PERMIT SHALL BE EFFECTIVE FROM THE DATE OF ISSUE UNTIL December 31, 1983 OR UNLESS REVOKED OR SURRENDERED AND SHALL BE SUBJECT TO ALL LAWS OF THE STATE AND THE RULES AND REGULATIONS OF THE DEPARTMENT.

J. H. Lewis
DISTRICT ENGINEER

Joseph W. Landers, Jr.
JOSEPH W. LANDERS, JR.
SECRETARY

Roger P. Stewart
Roger P. Stewart, Director
Hills. Co. Env. Protection Commission

[Signature]
DISTRICT MANAGER

State of Florida
Department of Environmental Regulation

OPERATION PERMIT CONDITIONS
FOR AIR POLLUTION SOURCES

Permit No.: AO29-14855

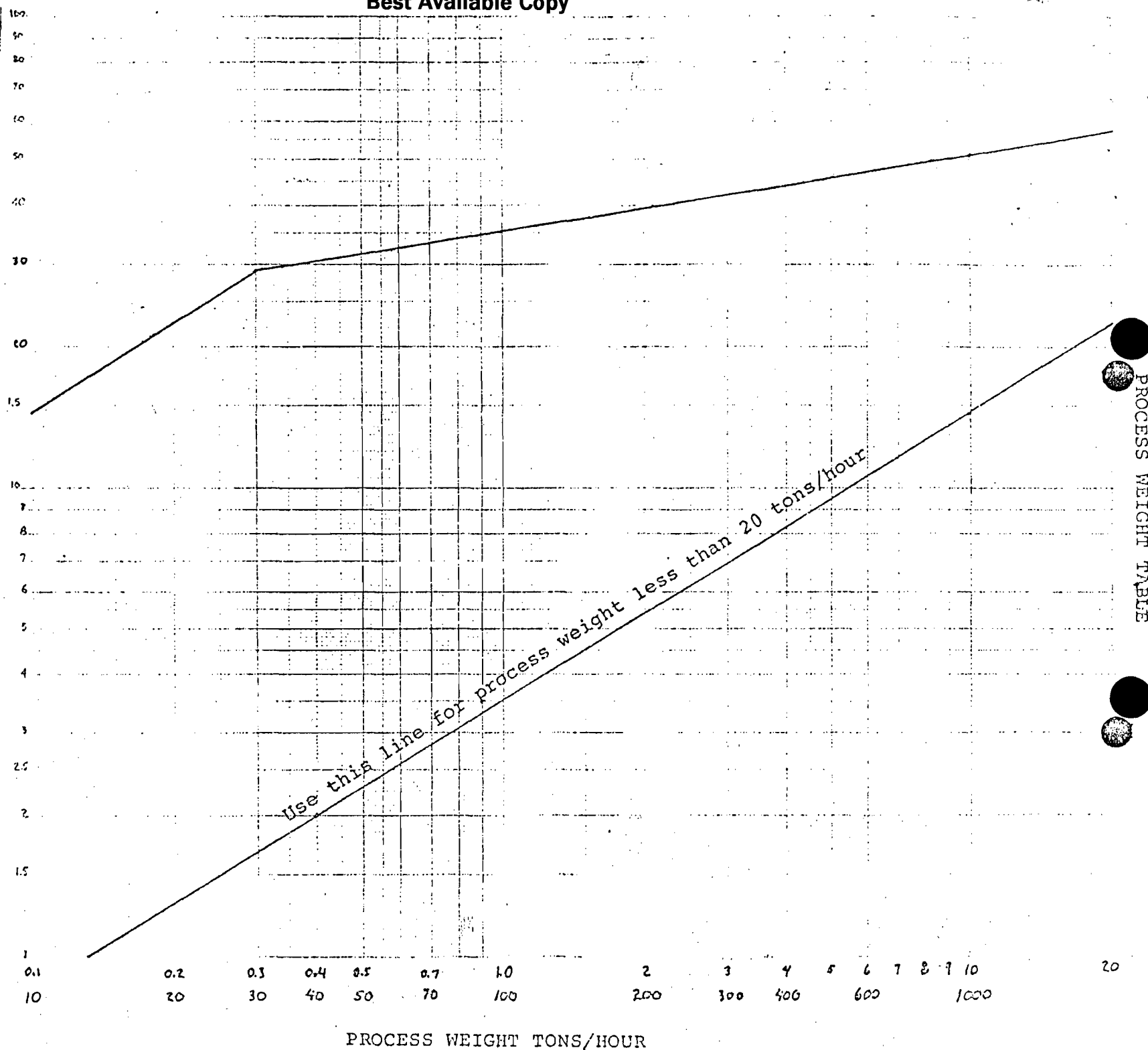
Date: January 30, 1979

An (X) indicates applicable conditions

- (X) 1. The permit holder must comply with Florida Statute, Chapter 403 and the applicable Chapters of the Department of Environmental Regulation in addition to the conditions of this permit (Chapter 403.161(1)(b), Florida Statutes).
- (X) 2. Test the emissions for the following pollutant(s) at intervals of 6 months from the date 4/13/78 and submit a copy of test data to the District Engineer of this agency within fifteen days of such testing (Chapter 17-2.07(1), Florida Administrative Code (F.A.C.)).
- | | | | |
|-----|---------------|-----|----------------------|
| () | Particulates | () | Sulfur Oxides |
| () | Fluorides | () | Nitrogen Oxides |
| (X) | Plume Density | () | Hydrocarbons |
| | | () | Total Reduced Sulfur |
- (X) 3. Testing of emissions must be accomplished at approximately the rates as stated in the application. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data (Chapter 403.161(1)(c), Florida Statutes).
- () 4. Submit for this source quarterly reports showing the type and monthly quantities of fuels used in the operation of this source. Also state the sulfur content of each fuel (Chapter 17-4.14, F.A.C.).
- (X) 5. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information as per Chapter 17-4.14, F.A.C.
- | | |
|-----|---|
| (A) | Annual amount of materials and/or fuels utilized. |
| (B) | Annual emissions (note calculation basis). |
| (C) | Any changes in the information contained in the permit application. |

- (X) 6. In the event the permittee is temporarily unable to comply with any of the conditions of the permit, the permittee shall immediately notify the District Office of the D.E.R. as per Chapter 17-4.13, F.A.C. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement actions by the Department.
- () 7. According to the Process Weight Table within Chapter 17-2.04(2), F.A.C., the maximum allowable emission rate of particulate matter for a process rate of _____ tons/hour is _____ pounds/hour. At lesser process rates, the allowable emission rates can be determined from the graph.
- () 8. This permit is associated with a Development of Regional Impact (D.R.I.). It does not waive any other permits that may be required from this or any other state, federal, or local agency.

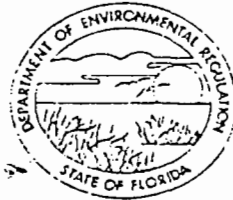
POUNDS OF PARTICULATES



PROCESS WEIGHT TABLE

PROCESS WEIGHT TONS/HOUR

7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610



REUBIN O'D. ASKEW
GOVERNOR

JOSEPH W. LANDERS, JR.
SECRETARY

DAVID PUCHATY
DISTRICT MANAGER

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT

Agrico Chemical Company
Hillsborough County - A.P.
Big Bend Terminal Building Baghouses

January 30, 1979

Mr. Harold Long, Jr.
Manager, Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Dear Mr. Long:

Pursuant to Section 403.061(16), Florida Statutes, your application has been approved by the Department and, therefore, we are issuing to you the enclosed permit no. A029-12987 which will expire on December 31, 1983.

This permit is not effective unless you accept it, including any and all of the conditions contained therein. If you do not choose to accept it, you must file an appropriate petition for a hearing pursuant to the provisions of Section 120.57, Florida Statutes.

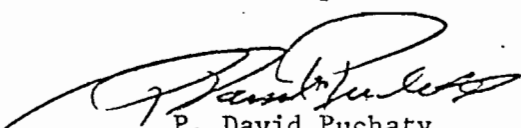
A petition for a hearing must comply with the requirements of Florida Administrative Code, Section 28-5.15 and be filed (postmarked) with the Secretary of the Department of Environmental Regulation at Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301, with a copy to this office within fourteen (14) days from receipt of this letter. Petitions which are not filed in accordance with the above provisions may be subject to dismissal.

Any time limits imposed in the permit are a condition to this permit and are enforceable under Section 403.061, Florida Statutes. You are hereby placed on notice that the Department will review this permit to check for compliance and will initiate enforcement action for violations of the conditions and requirements of this permit.

Your continued cooperation in this matter is appreciated. Please refer to your assigned permit number in all future communications.

Sincerely,

cc: Central Files
HCEPC
William S. Hornbeck, P.E.
Enclosures


P. David Puchaty
District Manager

RULES OF THE ADMINISTRATION COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and,
 - (g) Such other information which the petitioner contends is material.

NOTE: At a formal hearing all parties shall have an opportunity to present evidence and argument on all issues involved, to conduct cross-examination and submit rebuttal evidence, to submit proposed findings of fact and orders, to file exceptions to any order or hearing officer's recommended order, and to be represented by counsel.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

NEDS No: 0094
Point ID: 02,03

OPERATION PERMIT

FOR Agrico Chemical Company
P.O. Box 1110
Mulberry, Fla. 33860

PERMIT NO. AO29-12987 DATE OF ISSUE January 30, 1979

PURSUANT TO THE PROVISIONS OF SECTIONS 403.061 (16) AND 403.707 OF CHAPTER 403 FLORIDA STATUTES AND CHAPTERS 17-4 AND 17-7 FLORIDA ADMINISTRATIVE CODE, THIS PERMIT IS ISSUED TO:
Mr. Harold W. Lone, Jr. Manager, Environmental Control

FOR THE OPERATION OF THE FOLLOWING:
Dust Collector No. 2 & 3, Model 495-8-20 (DC2, DC3)
for controlling emission of granular food material from the storage building. Subject to the attached conditions nos. 1, 2, 3, 5, and 6.

LOCATED AT Big Bend Terminal, Gibsonton, Hillsborough County
UTM: 17-361.0 E and 3076.2 N

IN ACCORDANCE WITH THE APPLICATION DATED September 5, 1978

ANY CONDITIONS OR PROVISOS WHICH ARE ATTACHED HERETO ARE INCORPORATED INTO AND MADE A PART OF THIS PERMIT AS THOUGH FULLY SET FORTH HEREIN. FAILURE TO COMPLY WITH SAID CONDITIONS OR PROVISOS SHALL CONSTITUTE A VIOLATION OF THIS PERMIT AND SHALL SUBJECT THE APPLICANT TO SUCH CIVIL AND CRIMINAL PENALTIES AS PROVIDED BY LAW.

THIS PERMIT SHALL BE EFFECTIVE FROM THE DATE OF ISSUE UNTIL December 31, 1983 OR UNLESS REVOKED OR SURRENDERED AND SHALL BE SUBJECT TO ALL LAWS OF THE STATE AND THE RULES AND REGULATIONS OF THE DEPARTMENT.

[Signature]
DISTRICT ENGINEER

[Signature]
JOSEPH W. LANDERS, JR.
SECRETARY

[Signature]
Roger P. Stewart, Director
Hills. Co. Env. Protection Commission

[Signature]
DISTRICT MANAGER

State of Florida
Department of Environmental Regulation

OPERATION PERMIT CONDITIONS
FOR AIR POLLUTION SOURCES

Permit No.: A029-12987

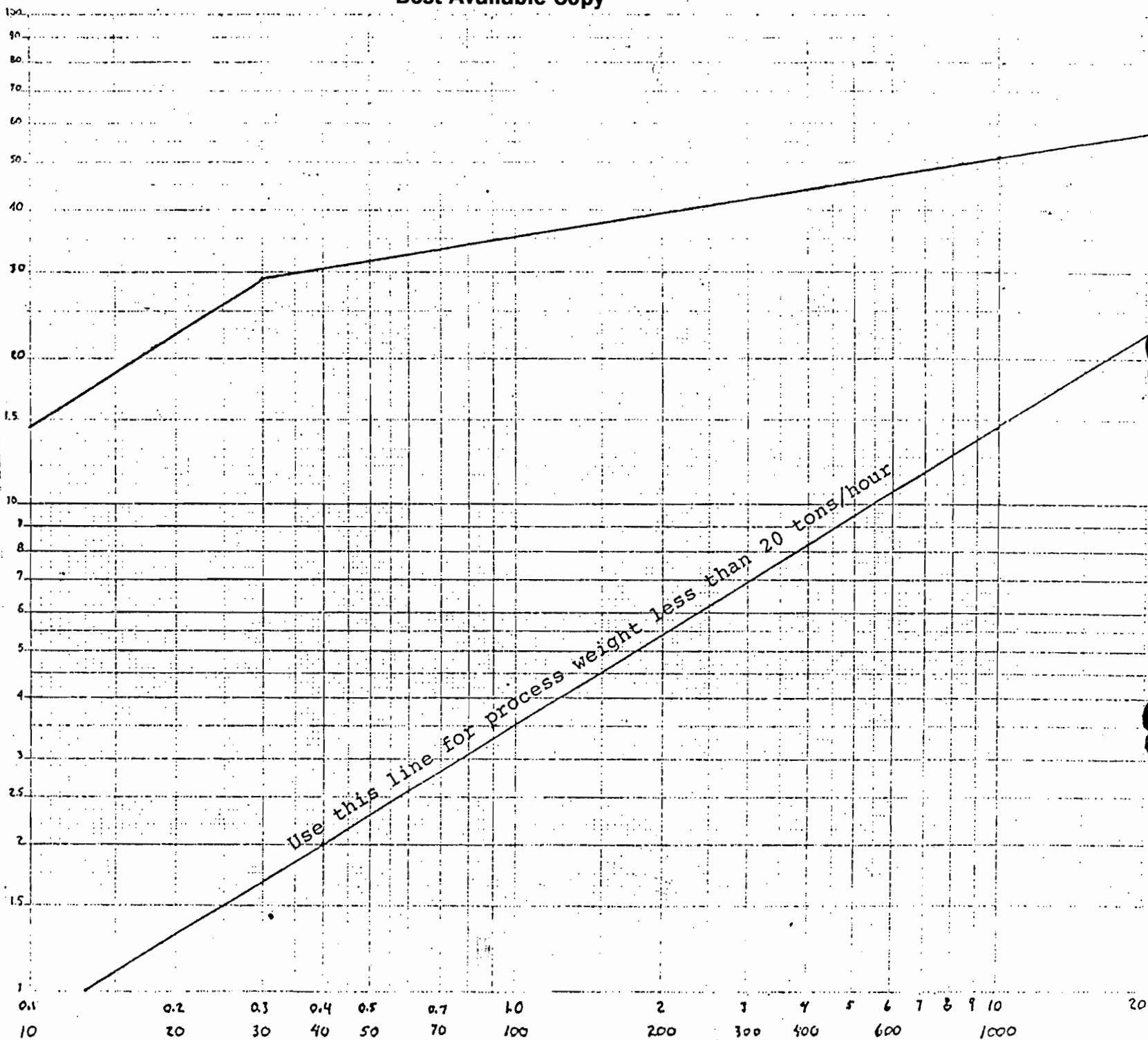
Date: January 30, 1979

An (X) indicates applicable conditions

- (X) 1. The permit holder must comply with Florida Statute, Chapter 403 and the applicable Chapters of the Department of Environmental Regulation in addition to the conditions of this permit (Chapter 403.161(1)(b), Florida Statutes).
- (X) 2. Test the emissions for the following pollutant(s) at intervals of 6 months from the date 4/13/78 and submit a copy of test data to the District Engineer of this agency within fifteen days of such testing (Chapter 17-2.07(1), Florida Administrative Code (F.A.C.)).
- | | |
|---|---|
| <input type="checkbox"/> Particulates | <input type="checkbox"/> Sulfur Oxides |
| <input type="checkbox"/> Fluorides | <input type="checkbox"/> Nitrogen Oxides |
| <input checked="" type="checkbox"/> Plume Density | <input type="checkbox"/> Hydrocarbons |
| | <input type="checkbox"/> Total Reduced Sulfur |
- (X) 3. Testing of emissions must be accomplished at approximately the rates as stated in the application. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data (Chapter 403.161(1)(c), Florida Statutes).
- () 4. Submit for this source quarterly reports showing the type and monthly quantities of fuels used in the operation of this source. Also state the sulfur content of each fuel (Chapter 17-4.14, F.A.C.).
- (X) 5. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information as per Chapter 17-4.14, F.A.C.
- (A) Annual amount of materials and/or fuels utilized.
 - (B) Annual emissions (note calculation basis).
 - (C) Any changes in the information contained in the permit application.

- (X) 6. In the event the permittee is temporarily unable to comply with any of the conditions of the permit, the permittee shall immediately notify the District Office of the D.E.R. as per Chapter 17-4.13, F.A.C. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement actions by the Department.
- () 7. According to the Process Weight Table within Chapter 17-2.04(2), F.A.C., the maximum allowable emission rate of particulate matter for a process rate of _____ tons/hour is _____ pounds/hour. At lesser process rates, the allowable emission rates can be determined from the graph.
- () 8. This permit is associated with a Development of Regional Impact (D.R.I.). It does not waive any other permits that may be required from this or any other state, federal, or local agency.

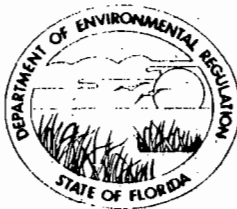
POUNDS OF PARTICULATES



PROCESS WEIGHT TABLE

PROCESS WEIGHT TONS/HOUR

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

April 30, 1980

Mr. Tom Gibbs, Chief
Air and Hazardous Materials Division
United States Environmental Protection Agency
Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30308

Dear Mr. Gibbs:

Attached please find one copy of each of the changes effected on Agricos' recently issued State Permits (7) for construction of a phosphate transfer and storage facility at the Big Bend Terminal, Hillsborough County, Florida.

Sincerely,

M. G. Hodges

M. G. Hodges
Environmental Scientist
Bureau of Air Quality Management

Attachment

MGH:caa

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

April 28, 1980

Mr. Harold Long, Jr.
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

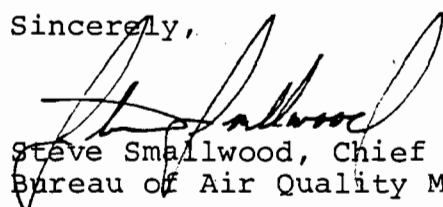
RE: Modification of Construction Permits AC 25142, AC 25149,
AC 25160, AC 25161, AC 25163, and AC 25164

Dear Mr. Long:

As requested by Mr. John Essig's letter of March 19, 1980 and subsequent telephone conversations with EPA, the Florida Department of Environmental Regulation is revising Specific Condition Number 4 of the Construction Applications for your Big Bend Terminal. The revised page three of the Construction Permit is to be attached to the Construction Permit.

If we may be of any further assistance, please contact Mr. John Svec at (904) 488-1344.

Sincerely,



Steve Smallwood, Chief
Bureau of Air Quality Management

SS:caa

cc: Dan Williams
Joe Griffiths
Tommie Gibbs

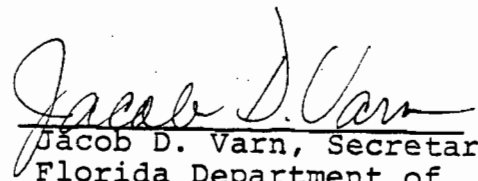
PERMIT NO.: AC 25164
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be:

Emission Point	Pounds per hour	Tons per year
DC-B'	1.5	0.6
DC-C'	1.5	0.6
DC-D'	1.5	0.6
DC-E'	1.5	0.6

2. Operation shall be limited to 800 hours per year for the transfer of granular fertilizer.
3. The maximum allowable raw material input shall be 400,000 tons per year of granular fertilizer.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC. This annual report shall list daily operation hours and tonnage received and shipped.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emissions and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

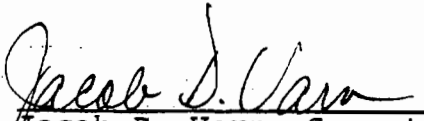

Jacob D. Varn, Secretary
Florida Department of
Environmental Regulation

Revised: April 11, 1980

PERMIT NO.: AC 25163
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be 9.2 pounds per hour and 3.7 tons per year from the baghouse emission point DC-A'.
2. Operation shall be limited to 800 hours per year for the transfer of granular fertilizer.
3. The maximum allowable raw material input shall be 400,000 tons per year of granular fertilizer.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC. This annual report shall list daily operation hours and tonnage received and shipped.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable emissions and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.


Jacob D. Varn, Secretary
Florida Department of
Environmental Regulation


Revised: April 11, 1980

PERMIT NO.: AC 25162
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be 7.7 pounds per hour and 6.0 tons per year from the baghouse emission point DC-F.
2. Operation shall be limited to 1,037 hours per year for the transfer of dry phosphate rock and 533 hours per year for the transfer of granular fertilizer.
3. The maximum allowable raw material input shall be 2,800,000 tons per year of dry phosphate rock and 800,000 tons per year of granular fertilizer.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14. This annual report shall list daily operation hours and tonnage received and shipped.
5. Emission tests for particulate and visible emission shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9. 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emissions and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

Revised: April 11, 1980



Jacob D. Varn, Secretary
Florida Department of Environmental Regulation

PERMIT NO.: AC 25161
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860


Specific Conditions

1. The maximum allowable particulate emissions shall be:

Emission Point	Pounds per hour	Tons per year
DC-D	2.3	1.8
DC-E	2.3	1.8

2. Operation shall be limited to 1,037 hours per year for the transfer of dry phosphate rock and 533 hours per year for the transfer of granular fertilizer.
3. The maximum allowable raw material input shall be 2,800,000 tons per year of dry phosphate rock and 800,000 tons per year of granular fertilizer.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC. This annual report shall list daily operation hours and tonnage received and shipped.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emissions and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

Revised: April 11, 1980


Jacob D. Varn, Secretary
Florida Department of
Environmental Regulation


PERMIT NO.: AC 25160
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be:

Emission Point	Pounds per hour	Tons per year
SCR-J	6.8	3.6
SCR-K	6.8	3.6

2. Operation shall be limited to 1,037 hours per year for the receiving of dry phosphate rock.
3. The maximum allowable raw material input shall be 2,800,000 tons per year of dry phosphate rock.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC. This annual report shall list daily operation hours and tonnage received and shipped.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emissions and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.



Jacob D. Varn, Secretary
Florida Department of
Environmental Regulation

Revised: April 11, 1980

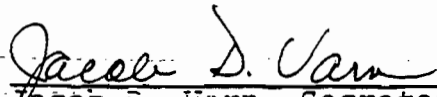
PERMIT NO.: AC 25149
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be:

Emission point	Pounds per hour	Tons per year
DC-B	2.3	1.2
DC-C	2.3	1.2
DC-G	2.3	1.2
DC-H	2.3	1.2
DC-L	2.3	1.2

2. Operation shall be limited to 1,037 hours per year for the transshipping of dry phosphate rock.
3. The maximum allowable raw material input shall be 2,800,000 tons per year of dry phosphate rock.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC. This annual report shall list daily operation hours and tonnage received and shipped.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emission and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.


Jacob D. Varn, Secretary
Florida Department of
Environmental Regulation

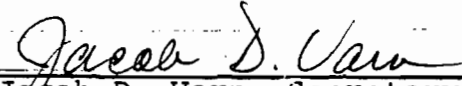
Revised: April 11, 1980

PERMIT NO.: AC 25142
APPLICANT: Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Specific Conditions

1. The maximum allowable particulate emissions shall be 15.3 pounds per hour or 8.0 tons per year from the baghouse emission point, DC-A.
2. Operation shall be limited to 1,037 hours per year for the transshipping of dry phosphate rock.
3. The maximum allowable raw material input shall be 2,800,000 tons per year of dry phosphate rock.
4. During the construction phase, quarterly reports on construction progress, commencing three months after initiation of construction, shall be submitted to the Bureau of Air Quality Management. The operating permit shall require maintenance of records indicating operation hours and raw material input to the system and shall be submitted annually in accordance with 17-4.14 FAC. This annual report shall list daily operation hours and tonnage received and shipped.
5. Emission tests for particulate and visible emissions shall be conducted for each emission point with Methods 1 through 5, 40 CFR 60, Appendix A and Method 9 40 CFR 60, Appendix A. The results shall be submitted to the Bureau of Air Quality Management for determination of compliance with applicable state rules regarding visible and particulate emission and the conditions of this permit.
6. Operation, except for the testing period to determine compliance with Chapter 403 FS and Chapter 17-2 FAC, shall not commence prior to the application for an operation permit. A pretest meeting with the Bureau of Air Quality Management to determine the acceptability of test methods as well as a thirty day notice prior to testing shall be provided by the applicant.

Revised: April 11, 1980


Jacob D. Varn, Secretary
Florida Department of Environmental
Regulation

DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

Routing To District Offices And/Or To Other Than The Addressee	
To: _____	Loctn.: _____
To: _____	Loctn.: _____
To: _____	Loctn.: _____
From: _____	Date: _____

TO: Jacob D. Varn

FROM: Steve Smallwood *SS*

DATE: April 7, 1980

SUBJ: Revision of Agrico Big Bend Terminal Construction Permits

Agrico has requested that the construction permits that were issued by the Department are modified so that a Federal PSD permit may be obtained from EPA without any additional requirements. To remain as a Tier I PSD review, EPA requires the limitation that the source emits less than 1000 pounds per day. This was not included in the Departments construction permit.

Agrico has stated in their letter and consequent conversations that EPA would not require the Tier II review if the Department would amend the construction permits so that operating hours and the tonnage of material received and shipped were included in the annual operating report that is required by the Department. Jack Preece of TRW which is under contract to EPA to review the Federal PSD applications was contacted by the Bureau on this matter. Mr. Preece explained that the 1000 pounds per day particulate emission limitation would be included in the Federal PSD permit. What is requested by EPA is that the state's annual operating report would be the same report to verify compliance with the permit conditions to avoid duplication of reports. Therefore, daily operating hours and tonnage of material shipped and received is needed in the annual report. The permit modification suggested by Agrico would satisfy this need and not affect the Department's permit or intent.

SS:caa



March 1980

Mr. Bill Thomas
Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301

Dear Mr. Thomas:

As discussed with you by telephone today, in order to qualify for PSD Tier I review by EPA and their consultant, TRW Corp., we find it necessary to bind ourselves with an enforceable permit condition that the proposed expansion of Agrico's Big Bend Terminal will not exceed EPA's limitation of 1000 pounds per day particulate emissions (F.R. 6/19/79).

Accordingly, we request that you add the following sentence as an addendum to Condition 4 of Permits AC29-25142, AC29-25149, AC29-25160, AC29-25161, AC29-25162, AC29-25163 and AC29-25164 issued 1/28/80: "This annual report shall list daily operation hours and tonnage received and shipped."

As agreed to by you, this information applied to the permitted hourly emission limits would by simple calculation demonstrate the quantity of daily emissions.

If the Department approves this or a similar addendum of your own wording, please send us a revised page 3 that lists this change for each permit.

We appreciate your prompt attention to this matter.

Sincerely yours,

John Essig
Environmental Chemist

JE:gnc

cc: Mr. Tommie A. Gibbs
Mr. Jack Preece

Smallwood, J.

RECEIVED
MAR 3 1980

FEB 26 1980

Office of the Secretary

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

REF: 4AH-AF

Mr. Ed Mayer
Agrico Chemical Company
South Pierce Chemical Works
P. O. Box 1969
Bartow, Florida 33830



Dear Mr. Mayer:

This letter acknowledges receipt of the SO₂ continuous emission monitor test report for units 10 and 11 sulfuric acid plants for your South Pierce Chemical Works which was conducted by your personnel in August 1979 and sent to this office under a cover letter dated September 7, 1979 as required by 40 CFR 60, Standards of Performance for New Stationary Sources.

This office, on the basis of the above report, has determined that the subject units have met the requirements of performance specification 2 under the above cited regulation (see Appendix B).

We would like to remind you that compliance with the Federal New Source Performance Standards does not exempt you from compliance with any State regulations and/or procedures governing your operation.

Also, it will be necessary for you to continually maintain and operate the facility, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.

We encourage you to review the regulations (40 CFR 60) previously supplied to you, particularly Subpart A, General Provisions, and we call your attention to Part 60.7, Notification and Record Keeping and Part 60.9, Availability of Information. Also, we remind you that under Section 114(a) of the Clean Air Act, the Administrator may require additional source tests at any time as deemed appropriate.

Mr. Ed Mayer
Page

I would like to thank you for your cooperation with our Air Facilities staff and request that you continue to contact me at 404/881-4552 should you have any questions or if we can be of assistance in any way.

Sincerely yours,

Tommy A. Gibbs
Chief
Air Facilities Branch

cc: Mr. Steve Smallwood, Chief
FL Dept of Environmental
Regulation

bc: James T. Wilburn
Paul Amate

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

February 14, 1980

Mr. Harold W. Long, Jr., Manager
Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Dear Mr. Long:

Attached please find three cover pages which reflect corrections of the typographical errors noted in your letter of February 1, 1980, attached, addressed to Steve Smallwood, Bureau Chief, Bureau of Air Quality Management.

Thank you for calling these errors to our attention.

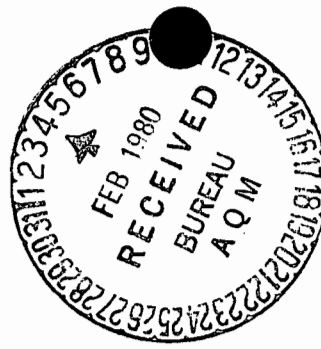
Sincerely,

Mark G. Hodges
Environmental Scientist

MGH:caa

cc: Mr. D. Puchaty, Tampa, DER
Mr. R. T. Schneider, Pridgen
Mr. R. Stewart, Tampa-HCEPC

Attachments



February 1, 1980

Mr. Steve Smallwood, Bureau Chief
Bureau of Air Quality Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Dear Mr. Smallwood:

We have received the originals of the seven construction permits dated January 28, 1980, for our Big Bend Terminal. We note the following typographical errors:

1. Permit No. AC25142, UTM 320.085E should read:
UTM 362.085E.
2. Permit No. AC25161, Longitude $82^{\circ} 21' 25''$ W
should read: $82^{\circ} 24' 25''$ W.
3. Permit No. AC25162, UTM 3076.285N should read:
3076.284N.

Please send corrected cover pages for these three permits, or if you approve, we will ink in the corrections.

Please advise.

Sincerely yours,

Harold W. Long, Jr.
Manager, Environmental Control

HWL:gnc

cc: Mr. D. Puchaty, Tampa-DER
Mr. R. T. Schneider, Pridgen
Mr. R. Stewart, Tampa-HCEPC

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



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

January 29, 1980

Some?

Mr. Harold W. Long, Jr., Manager,
Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

Dear Mr. Long:

Enclosed is Permit Number AC-29-25142, dated January 28, 1980
to Agrico Chemical Company, Big Bend Terminal, Gibsonton, Florida,
issued pursuant to Section 403, Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.15, Florida Administrative Code, (see reverse side of this letter). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

for *Steve Smallwood*

Steve Smallwood
Bureau Chief
Bureau of Air Quality Management

SS:caa

Enclosure

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

TWIN TOWERS OFFICE BUILDING
2800 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
JACOB D. VARN
SECRETARY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

January 29, 1980

Mr. Harold W. Long, Jr., Manager,
Environmental Control
Agrico Chemical Company
P. O. Box 1110
Mulberry, Florida 33860

*What is
purpose?*

Dear Mr. Long:

Enclosed is Permit Number AC-29-25149, dated January 28, 1980
to Agrico Chemical Company, Big Bend Terminal, Gibsonton, Florida,
issued pursuant to Section 403, Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.15, Florida Administrative Code, (see reverse side of this letter). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

Steve Smallwood

for Steve Smallwood
Bureau Chief
Bureau of Air Quality Management

SS:caa

Enclosure

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

Smallwood, J.

RECEIVED

MAR 3 1980

FEB 26 1980

Office of the Secretary

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

REF: 4AH-AF

Mr. Ed Mayer
Agrico Chemical Company
South Pierce Chemical Works
P. O. Box 1969
Bartow, Florida 33830



Dear Mr. Mayer:

This letter acknowledges receipt of the SO₂ continuous emission monitor test report for units 10 and 11 sulfuric acid plants for your South Pierce Chemical Works which was conducted by your personnel in August 1979 and sent to this office under a cover letter dated September 7, 1979 as required by 40 CFR 60, Standards of Performance for New Stationary Sources.

This office, on the basis of the above report, has determined that the subject units have met the requirements of performance specification 2 under the above cited regulation (see Appendix B).

We would like to remind you that compliance with the Federal New Source Performance Standards does not exempt you from compliance with any State regulations and/or procedures governing your operation.

Also, it will be necessary for you to continually maintain and operate the facility, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.

We encourage you to review the regulations (40 CFR 60) previously supplied to you, particularly Subpart A, General Provisions, and we call your attention to Part 60.7, Notification and Record Keeping and Part 60.9, Availability of Information. Also, we remind you that under Section 114(a) of the Clean Air Act, the Administrator may require additional source tests at any time as deemed appropriate.

Mr. Ed Mayer

Page

I would like to thank you for your cooperation with our Air Facilities staff and request that you continue to contact me at 404/881-4552 should you have any questions or if we can be of assistance in any way.

Sincerely yours,

Tommie A. Gibbs
Chief
Air Facilities Branch

cc: Mr. Steve Smallwood, Chief
FL Dept of Environmental
Regulation

bc: James T. Wilburn
Paul Amato