

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

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



BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

June 5, 1984

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Rudy J. Cabina, Vice-President  
Gardinier, Inc.  
P. O. Box 3269  
Tampa, Florida 33601

Dear Mr. Cabina:

Enclosed are construction permit numbers AC 29-86615, AC 29-86646, AC 29-86648, and AC 29-86649, dated June 1, 1984, for various components of Gardinier's dry phosphate rock system. These permits are issued pursuant to Section 403, Florida Statutes.

Acceptance of these permits constitutes notice and agreement that the department will periodically review the permits for compliance, including site inspection where applicable, and may initiate enforcement actions for violation of the conditions and requirements therefore.

Sincerely,

*for C. H. Fancy*

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

CHF/WH/s

cc: Dan Williams, SW District  
Jerry Campbell, Hillsborough County EPC

enclosure

Final Determination

Gardinier, Inc.  
Hillsborough County

Dry Phosphate Rock Handling Facility

State Permit Numbers

AC 29-86615 - Phosphate Rock Unloading Facility  
AC 29-86649 - Nos. 6, 7, 8, and 10 Rock Grinding Mill  
AC 29-86648 - No. 11 KVS Rock Mill  
AC 29-86646 - No. 12 KVS Rock Mill

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

June 1, 1984

## Final Determination

Gardinier, Inc.'s application for permits to reactivate certain components of their dry phosphate rock facility at their plant south of Tampa in Hillsborough County, Florida, have been reviewed by the Bureau of Air Quality Management. Public Notice of the department's intent to issue the permits was published in the Tampa Tribune on May 16, 1984. No comments were received on the department's intent to issue the permits. The final action of the department will be to issue the permits to construct as proposed in the Technical Evaluation and Preliminary Determination.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

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BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Gardinier, Inc.  
P. O. Box 3269  
Tampa, Florida 33601

Permit Number: AC 29-86615  
Date of Issue:  
Expiration Date: December 28, 1984  
County: Hillsborough  
Latitude/Longitude: 27° 51' 30"N/  
82° 23' 15"W  
Project: Phosphate Rock  
Unloading Facility

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

Construction required to repair the existing 273 TPH phosphate rock  
unloading facility which consists of the unloading station and two  
2050 ton phosphate rock storage silos and associated material  
handling equipment that is controlled by a 12,000 ACFM Flex-Kleen  
Model 84-WUDC-128XL bag filters. This equipment is located at U.S.  
Highway 41 and Riverview Drive, South Tampa, Hillsborough County.

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86615  
Date of Issue:  
Expiration Date: December 28, 1984

**GENERAL CONDITIONS:**

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

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

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

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

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

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86615  
Date of Issue:  
Expiration Date: Dec. 28, 1984

**GENERAL CONDITIONS:**

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

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

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

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

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

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

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86615  
Date of Issue:  
Expiration Date: Dec. 28, 1984

**GENERAL CONDITIONS:**

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

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

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

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

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

13. This permit also constitutes:

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

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

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

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86615  
Date of Issue:  
Expiration Date: Dec. 28, 1984

**GENERAL CONDITIONS:**

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

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

**SPECIFIC CONDITIONS:**

1. The plant shall not process dry phosphate rock if the wet rock mills are operable.
2. The phosphate rock unloading facility shall not unload more than 273 TPH of phosphate rock.
3. Particulate matter emissions from the bag filter serving the unloading station, silos, and elevator shall not exceed 1.6 lb/hr and 7.0 TPY as determined by EPA Method 5 test procedures described in 40 CFR 60, Appendix A, and 5 percent opacity as determined by DER Method 9 described in Chapter 17-2, FAC.



PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86615  
Date of Issue:  
Expiration Date: Dec. 28, 1984

SPECIFIC CONDITIONS:

4. Compliance tests shall be conducted within 30 days of placing the unloading system in operation. The tests will be conducted while the system is processing 246 to 273 TPH phosphate rock. The Southwest District Office and Hillsborough County Environmental protection Commission will be notified 10 days before the test. Test results shall be submitted to the County within 15 days after the test.
5. Fugitive and unconfined emissions from all process equipment shall be minimized by application of reasonable precautions. Visible emissions shall not exceed 10 percent opacity from any equipment.
6. A complete application for permit to operate the source shall be submitted to the Hillsborough County Environmental Protection Commission prior to September 28, 1984.
7. Any permit to operate issued for this system shall require routine compliance tests and operation reports as deemed necessary by the State and County regulatory agencies.

Issued this 1 day of June, 1984

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION

Terry Cole for  
VICTORIA J. TSCHINKEL, Secretary

\_\_\_ pages attached.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

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BOB GRAHAM  
GOVERNOR

VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Gardinier, Inc.  
P. O. Box 3269  
Tampa, Florida 33601

Permit Number: AC 29-86646  
Date of Issue:  
Expiration Date: December 28, 1984  
County: Hillsborough  
Latitude/Longitude: 27° 51' 30"N/  
82° 23' 15"W  
Project: No. 12 KVS Rock Mill

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

Construction required to repair the existing No. 12 KVS rock mill system which consist of a 60 TPH ball mill classifier, cyclone, 0.45 million Btu/hr No. 2 fuel oil or natural gas fired air heater, 8500 ACFM Flex-Kleen Model No. WUDC-152 bag filter and associated equipment.

This is equipment located at U.S. Highway 41 and River Drive, South Tampa, Hillsborough County.

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86646  
Date of Issue:  
Expiration Date: December 28, 1984

**GENERAL CONDITIONS:**

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

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

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

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

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

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86646  
Date of Issue:  
Expiration Date: Dec. 28, 1984

**GENERAL CONDITIONS:**

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

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

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

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

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

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

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86646  
Date of Issue:  
Expiration Date: Dec. 28, 1984

**GENERAL CONDITIONS:**

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

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

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

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

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

13. This permit also constitutes:

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

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

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

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86646  
Date of Issue:  
Expiration Date: Dec. 28, 1984

**GENERAL CONDITIONS:**

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

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

**SPECIFIC CONDITIONS:**

1. No. 12 KVS rock mill shall not be operated if both wet rock mills are able to operate or a wet rock mill is capable of meeting the plant's ground phosphate rock demand.
2. No. 12 KVS rock mill shall not process more than 60 TPH dry phosphate rock.
3. Particulate matter emissions from the 8500 CFM Flex-Kleen bag filter shall not exceed 1.0 lb/hr and 4.4 TPY as determined by EPA Method 5 as described in 40 CFR 60, Appendix A, and visible emissions shall not exceed 5 percent opacity as determined by DER Method 9 as described in Chapter 17-2, FAC.

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86646  
Date of Issue:  
Expiration Date: Dec. 28, 1984

SPECIFIC CONDITIONS:

4. Compliance tests shall be conducted within 30 days of placing the mills in operation. The tests will be conducted while the mills are grinding 54 to 60 TPH dry phosphate rock. The Southwest District Office and Hillsborough County Environmental Protection Commission shall be notified 10 days prior to the tests. Test results will be submitted to the County within 15 days following the test.
5. Fugitive and unconfined emissions from all process equipment shall be minimized by application of reasonable precautions. Visible emissions shall not exceed 5 percent opacity from any equipment.
6. A complete application for permit to operate this source shall be submitted the Hillsborough County Environmental Protection Commission prior to September 28, 1984.
7. Any permit to operate issued for this system shall require routine compliance tests and operation reports as deemed necessary by the State and County regulatory agencies.

Issued this 1 day of June, 1984

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION

Terry Cole per  
VICTORIA J. TSCHINKEL, SECRETARY

\_\_\_\_\_ pages attached.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

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BOB GRAHAM  
GOVERNOR  
VICTORIA J. TSCHINKEL  
SECRETARY

**PERMITTEE:**  
Gardinier, Inc.  
P. O. Box 3269  
Tampa, Florida 33601

Permit Number: AC 29-86648  
Date of Issue:  
Expiration Date: December 28, 1984  
County: Hillsborough  
Latitude/Longitude: 27° 51' 30"N/  
82° 23' 15"W  
Project: No. 11 KVS Rock Mill

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

Construction required to repair the existing No. 11 KVS rock mill system which consists of a 35 TPH ball mill, mill classifier, cyclone, a 5300 ACFM, Flex-Kleen Model 100 WRTR 96 XL III bag filter and associated equipment. This is equipment located at U.S. Highway 41 and River Drive, South Tampa, Hillsborough County.



PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86648  
Date of Issue:  
Expiration Date: December 28, 1984

**GENERAL CONDITIONS:**

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

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

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

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

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

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86648  
Date of Issue:  
Expiration Date: Dec. 28, 1984

GENERAL CONDITIONS:

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

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

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

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

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

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

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86648  
Date of Issue:  
Expiration Date: Dec. 28, 1984

**GENERAL CONDITIONS:**

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

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

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

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

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

13. This permit also constitutes:

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

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

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

**PERMITTEE:**  
Gardinier, Inc.

**I. D. Number:**  
**Permit Number:** AC 29-86648  
**Date of Issue:**  
**Expiration Date:** Dec. 28, 1984

**GENERAL CONDITIONS:**

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

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

**SPECIFIC CONDITIONS:**

1. No. 11 KVS rock mill shall not be operated if both wet rock mills are able to operate or a wet rock mill is capable of meeting the plant's ground phosphate rock demand.
2. No. 11 KVS rock mill shall not process more than 35 TPH dry phosphate rock.
3. Particulate matter emissions from the 5300 ACFM Flex-Kleen bag filter shall not exceed 0.7 lb/hr and 3.1 TPY as determined by EPA Method 5 as described in 40 CFR 60, Appendix A, and visible emissions shall not exceed 5 percent opacity as determined by DER Method 9 as described in Chapter 17-2, FAC.

PERMITTEE:  
Gardinier, Inc.

I. D. Number:  
Permit Number: AC 29-86648  
Date of Issue:  
Expiration Date: Dec. 28, 1984

SPECIFIC CONDITIONS:

4. Compliance tests shall be conducted within 30 days of placing the mills in operation. The tests will be conducted while the mills are grinding 31 to 35 TPH rock. The Southwest District Office and Hillsborough County Environmental Protection Commission shall be notified 10 days prior to the tests. Test results will be submitted to the County within 15 days following the test.
5. Fugitive and unconfined emissions from all process equipment shall be minimized by application of reasonable precautions. Visible emissions shall not exceed 5 percent opacity from any equipment.
6. A complete application for permit to operate this source shall be submitted the Hillsborough County Environmental Protection Commission prior to September 28, 1984.
7. Any permit to operate issued for this system shall require routine compliance tests and operation reports as deemed necessary by the State and County regulatory agencies.

Issued this 1 day of June, 1984

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION

Terry Cole  
VICTORIA J. TSCHINKEL, SECRETARY

\_\_\_\_\_ pages attached.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

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PERMITTEE:  
Gardinier, Inc.  
P. O. Box 3269  
Tampa, Florida 33601

Permit Number: AC 29-86649  
Date of Issue:  
Expiration Date: December 28, 1984  
County: Hillsborough  
Latitude/Longitude: 27° 51' 30"N/  
82° 23' 15"W  
Project: Nos. 6, 7, 8, and 10  
Rock Grinding Facility

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

Construction required to repair the existing 168 TPH rock grinding mill system consisting of Nos. 6, 7, and 8 roll mills and No. 10 ball mill and associated equipment (No. 2 fuel oil or natural gas fired air heater, classifier, four cyclones, and a ground rock storage bin) with emission controlled by an 18,000 ACFM Flex-Kleen Model 100-WRTR-96 bag filter.

This equipment is located at U.S. Highway 41 and River Drive, South Tampa, Hillsborough County.

PERMITTEE:  
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**GENERAL CONDITIONS:**

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

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

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

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

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

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**GENERAL CONDITIONS:**

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

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

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

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

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

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



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

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

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

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

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

13. This permit also constitutes:

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

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

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

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

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

**SPECIFIC CONDITIONS:**

1. Nos. 6, 7, 8, and 10 rock grinding mills shall not be used if both wet rock mills are able to operate or a wet rock mill is capable of meeting the plant's ground phosphate rock demand.
2. Nos. 6, 7, 8, and 10 rock grinding mills shall not process more than a total of 168 TPH dry phosphate rock.
3. The air heater for the No. 10 classifier shall burn No. 2 fuel oil or natural gas only.

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**SPECIFIC CONDITIONS:**

4. Particulate matter emissions from the Flex-Kleen bag filter shall not exceed 2.2 lb/hr and 9.6 TPY as determined by EPA Method 5 test procedures described in 40 CFR 60, Appendix A, and 5 percent opacity as determined by DER Method 9 described in Chapter 17-2, FAC.

5. Compliance tests shall be conducted within 30 days of placing the mills in operation. The tests will be conducted while the mills are grinding 151 to 168 TPH of rock. The Southwest District Office and Hillsborough County Environmental Protection Commission shall be notified 10 days prior to the tests. Test results will be submitted to the County within 15 days following the test.

6. Fugitive and unconfined emissions from all process equipment shall be minimized by application of reasonable precautions. Visible emissions shall not exceed 5 percent opacity from any equipment.

7. A complete application for permit to operate this source shall be submitted to the Hillsborough County Environmental Protection Commission prior to September 28, 1984.

8. Any permit to operate issued for this system shall require routine compliance tests and operation reports as deemed necessary by the State and County regulatory agencies.

Issued this 1 day of June, 1984

STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION

Terry Cole  
VICTORIA J. TSCHINKEL, Secretary

\_\_\_ pages attached.

State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

For Routing To District Offices And/Or To Other Than The Addressee		
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
To: _____	Loctn.: _____	
From: _____	Date: _____	
Reply Optional <input checked="" type="checkbox"/>	Reply Required <input type="checkbox"/>	Info. Only <input type="checkbox"/>
Date Due: _____	Date Due: _____	

**RECEIVED**  
 JUN 1 1984  
 Office of the Secretary

TO: Victoria J. Tschinkel  
 FROM: Clair Fancy *Clair Fancy*  
 DATE: June 1, 1984  
 SUBJ: Approval of Attached Air Construction Permits

Attached for your approval and signature are four air construction permits for which the applicant is Gardinier, Inc. The construction proposed is a dry rock handling and grinding facility at Gardinier's phosphate fertilizer plant located in southern Hillsborough County.

Day 90, after which the permits would be issued by default, is August 20, 1984; however, the company requested that these permits be issued as quickly as possible since without them the plant would have to be shut down. For this reason, we agreed to give these permits special handling in order to avoid the loss of several hundred jobs in that area.

The Bureau recommends your approval and signature.

CF/pa

Attachments