



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL CERTIFIED MAIL
MARION COUNTY**

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 03-13430

DATE: 8/3/2000

Tri-County Limestone Company
Norman Cochran
4664 Hardin-Marion Road North
Kenton, OH 43326

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

cc: USEPA

NWDO



Permit To Install

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

FINAL PERMIT TO INSTALL 03-13430

Application Number: 03-13430
APS Premise Number: 0351000178
Permit Fee: **\$800**
Name of Facility: Tri-County Limestone Company
Person to Contact: Norman Cochran
Address: 4664 Hardin-Marion Road North
Kenton, OH 43326

Location of proposed air contaminant source(s) [emissions unit(s)]:
4664 Hardin-Marion Road North
Kenton, Ohio

Description of proposed emissions unit(s):
150 TPH portable aggregate processing plant and storage piles (Modification to PTI #03-11049 issued on April 21, 1999).

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized

representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio

Tri-County Limestone Company
PTI Application: 03-13430
Issued: 8/3/2000

Facility ID: 0351000178

Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities prove to be inadequate or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

Tri-County Limestone Company
 PTI Application: 03-13430
 Issued: 8/3/2000

Emissions Unit ID: F002

Facility ID: 0351000178

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

| <u>Pollutant</u> | <u>Tons Per Year</u> |
|---------------------------|----------------------|
| Fugitive PE | 3.18 |
| Fugitive PM ₁₀ | 2.37 |

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|---|
| F002 - 150 TPH portable aggregate processing plant including primary and secondary crushing and screening and conveying (Modification involves an increase in throughput and addition of equipment. Terms of this permit supersede those identified in PTI #03-11049 issued on April 21, 1999.) | OAC rule 3745-31-05 | 2.85 TPY fugitive PE |
| | | 1.36 TPY fugitive PM ₁₀ |
| | | Visible emission restrictions (see A.2.a) Use of best available control measures (see A.2.b) |
| | OAC rule 3745-17-07(B) | See A.2.c |
| | OAC rule 3745-17-08(B) | See A.2.c |

2. Additional Terms and Conditions

- Visible particulate emissions from the aggregate processing equipment included under this permit shall not exceed the following opacity restrictions:

| Emissions Point (Company ID) | Equipment Type | Opacity Limit | Regulatory Basis for Limit |
|---|-----------------------|----------------------|---------------------------------------|
| Front End Loader to Grizzly Feeder | Transfer pt. | 20% | OAC 3745-31-05 |
| Grizzly Feeder to Conveyor 3 | Transfer pt. | 10% | OAC 3745-31-05 |
| Primary Crusher | Crusher | 15% | OAC 3745-31-05 |

| | | | |
|---------------------------------|--------------|---|----------------|
| Primary Crusher to Conveyor 1 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 1 to Conveyor 2 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 2 to Primary Screen | Transfer pt. | 10% | OAC 3745-31-05 |
| Primary Screen | Screen | 10% | OAC 3745-31-05 |
| Primary Screen to Conveyor 4 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 4 to Storage Pile | Transfer pt. | No visible emissions except for one minute during any 60 minute period. | OAC 3745-31-05 |
| Primary Screen to Conveyor 5 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 5 to Storage Pile | Transfer pt. | No visible emissions except for one minute during any 60 minute period. | OAC 3745-31-05 |
| Primary Screen to Conveyor 6 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 6 to Storage Pile | Transfer pt. | No visible emissions except for one minute during any 60 minute period. | OAC 3745-31-05 |
| Primary Screen to Conveyor 7 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 7 to Storage Pile | Transfer pt. | No visible emissions except for one minute during any 60 minute period. | OAC 3745-31-05 |
| Secondary Crusher | Crusher | 15% | OAC 3745-31-05 |
| Conveyor 7 to Secondary Crusher | Transfer pt. | 10% | OAC 3745-31-05 |
| Primary Screen to Conveyor 9 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 9 to Secondary Screen | Transfer pt. | 10% | OAC 3745-31-05 |
| Secondary Screen | Screen | 10% | OAC 3745-31-05 |

| | | | |
|---------------------------------|--------------|---|----------------|
| Secondary Crusher to Conveyor 8 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 8 to Primary Screen | Transfer pt. | 10% | OAC 3745-31-05 |
| Secondary Screen to Conveyor 12 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 12 to Storage Pile | Transfer pt. | No visible emissions except for one minute during any 60 minute period. | OAC 3745-31-05 |
| Secondary Screen to Conveyor 11 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 11 to Storage Pile | Transfer pt. | No visible emissions except for one minute during any 60 minute period. | OAC 3745-31-05 |
| Secondary Screen to Conveyor 10 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 10 to Storage Pile | Transfer pt. | No visible emissions except for one minute during any 60 minute period. | OAC 3745-31-05 |
| Conveyor 3 to Conveyor 1 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 13 to Conveyor 8 | Transfer pt. | 10% | OAC 3745-31-05 |
| Primary Screen to Conveyor 14 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 14 to Conveyor 15 | Transfer pt. | 10% | OAC 3745-31-05 |
| Conveyor 15 to Storage Pile | Transfer pt. | No visible emissions except for one minute during any 60 minute period. | OAC 3745-31-05 |

- 2.b** The permittee shall employ reasonably available control measures to minimize or eliminate visible emissions of fugitive dust from emissions unit F002. If the inherent moisture in the stone is not sufficient to comply with the opacity restrictions of this permit, the permittee shall install equipment to apply water, or any other suitable dust suppressant, at appropriate locations on the line.

- 2.c** This emissions unit is a portable source and is applicable to the requirements of OAC rule 3745-17-07(B) and 3745-17-08(B) when located within an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rules 3745-17-07(B) and 3745-17-08(B) are less stringent than the requirements established pursuant to OAC rule 3745-31-05.

B. Operational Restrictions

1. The permittee shall not exceed 330,000 tons per year of aggregate processed in emissions unit F002. This restriction is based on the aggregate throughput of the primary crusher.
2. This facility shall submit a "Notice of Intent to Relocate a Portable or Mobile Source" form at least 30 days prior to any planned relocation of this source, in accordance with OAC rule 3745-31-03(N)(1)(3). Approval of the planned relocation must be obtained from NWDO prior to the relocation.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the amount (tons per month and total tons, to date, for the calendar year) of aggregate processed through the primary crusher of emissions unit F002.

D. Reporting Requirements

1. The permittee shall submit an annual report which identifies the annual amount of aggregate processed in emissions unit F002. This report shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitations in section A.1 of the terms and conditions of this permit shall be determined in accordance with the following methods:

- a. Emission Limitation: 2.85 TPY fugitive PE, 1.36 TPY fugitive PM₁₀
- Applicable Compliance Method: Compliance shall be determined in accordance with the record keeping specified in section C.1 above and emissions factors in AP-42, Chapter 11.19.2 (1/95).
- b. Emission Limitation: 20% opacity as a 3-minute average for truck unloading
- Applicable Compliance Method: Method 9 of 40 CFR Part 60, Appendix A
- c. Emission Limitation: 15% opacity for primary and secondary crushing
- Applicable Compliance Method: Method 9 of 40 CFR Part 60, Appendix A
- d. Emission Limitation: 10% opacity for screening and conveyor transfer points
- Applicable Compliance Method: Method 9 of 40 CFR Part 60, Appendix A
- e. Emission Limitation: No visible emissions except for one minute during any 60 minute period.
- Applicable Compliance Method: Compliance with the visible emission limitations for the storage piles identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

1. Terms in this permit for emissions unit F002 supersede those identified in PTI #03-11049 issued April 21, 1999.

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

| <u>Operations, Property, and/or Equipment</u> | issued on April 21, 1999.) | <u>Applicable Rules/Requirements</u> |
|---|----------------------------|--------------------------------------|
| Load-in and load-out of storage piles (see Section A.2.a for identification of storage piles) (Modification involves an increase in throughput and addition of storage piles. Terms of this permit supersede those identified in PTI #03-11049 issued on April 21, 1999.) | | OAC rule 3745-31-05 |
| | | OAC rule 3745-17-07(B) |
| | | OAC rule 3745-17-08(B) |
| | | OAC rule 3745-31-05 |
| Wind erosion from storage piles (see Section A.2.a for identification of storage piles) (Modification involves an increase in throughput and addition of storage piles. Terms of this permit supersede those identified in PTI #03-11049 | | |

OAC rule 3745-17-07(B)

OAC rule 3745-17-08(B)

Applicable Emissions
Limitations/Control Measures

0.60 TPY fugitive PE

0.28 TPY fugitive PM₁₀

No visible emissions except for one minute in any 60 minute observation period

Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.b, A.2.c and A.2.f)

See A.2.g

See A.2.h

0.73 TPY fugitive PM₁₀

No visible emissions except for one minute in any 60 minute observation period

Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.d through A.2.f)

See A.2.g

See A.2.h

2. Additional Terms and Conditions

2.a The storage piles that are covered by this permit and subject to the requirements of OAC rule 3745-31-05 are listed below:

All storage piles

- 2.b** The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to reducing drop height of front end loader buckets, use of a variable height stacker in lieu of a front end loader, maintaining aglime in an enclosed building and by maintaining a moisture level of at least 1.5% to ensure compliance for load-in activities and reducing drop height of front end loader buckets and by maintaining a moisture level of at least 1.5% to ensure compliance for load-out activities. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.c** The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.
- 2.d** The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to maintenance of as low a pile height as possible and by maintaining a moisture level of at least 1.5% to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.e** The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.
- 2.f** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.

2.g This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(e).

2.h The facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emission unit is exempt from the requirements of OAC rule 3745-17-08(B).

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:

storage pile identification minimum load-in inspection frequency AllDaily

2. Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile in accordance with the following frequencies:

storage pile identification minimum load-out inspection frequency
All Daily

3. Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:

storage pile identification minimum wind erosion inspection frequencyAllDaily

4. No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that

Emissions Unit ID: F004

is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

5. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile, and wind erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.
6. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
7. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

- b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations in section A.1 of the terms and conditions of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation-Load-in and Load-out Activities: 0.60 TPY fugitive PE, 0.28 TPY fugitive PM₁₀

Applicable Compliance Method: The AP-42 emission factors, section 13.2.4 (revised 1/95) for load-in and load-out shall be employed to calculate the actual rate of fugitive emissions.
 - b. Emission Limitation-Wind erosion: 0.73 TPY fugitive PM₁₀

Applicable Compliance Method: The AP-42 emissions factors, Table 11.12 for wind erosion shall be employed to calculate the actual rate of fugitive emissions.
 - c. Emission Limitation-Load-in and Load-out Activities: No visible emissions except for one minute in any 60 minute observation period

Applicable Compliance Method: Compliance with the visible emission limitations for the storage piles identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.
 - d. Emission Limitation- Wind erosion: No visible emissions except for one minute in any 60 minute observation period

Applicable Compliance Method: Compliance with the visible emission limitations for the storage piles identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

Tri-County Limestone Company
PTI Application: 03-13430
Issued

Facility ID: 0351000178

Emissions Unit ID: F004

F. Miscellaneous Requirements

1. Terms in this permit for emissions unit F004 supersede those identified in PTI #03-11049 issued April 21, 1999.

2 NEW SOURCE REVIEW FORM B

PTI Number: 03-13430

Facility ID: 0351000178

FACILITY NAME Tri-County Limestone Company

FACILITY DESCRIPTION Crushed and broken limestone

CITY/TWP Kenton

Emissions Unit ID: **F004**

Please describe any hard copy information is being submitted with this recommendation (Please send hard copy information to Pam McGraner, DAPC Central Office - Air Quality Modeling and Planning):

Permit Review Forms and Calculations

Please provide any additional permit specific notes as you deem necessary:

NONE

Permit To Install Synthetic Minor Write-Up

NONE

Please fill in the following for this permit:

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

| <u>Pollutant</u> | <u>Tons Per Year</u> |
|---------------------------|----------------------|
| Fugitive PE | 3.18 |
| Fugitive PM ₁₀ | 2.37 |

28 **NEW SC**

PTI Num

FACILITY

FACILITY DESCRIPTION

Crushed and broken limestone

CITY/TWP

Emissions Unit ID: **F004** _____

Kenton