



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

**RE: FINAL PERMIT TO INSTALL
CLARK COUNTY
Application No: 08-04471**

CERTIFIED MAIL

| | |
|--|------------------------------|
| | TOXIC REVIEW |
| | PSD |
| | SYNTHETIC MINOR |
| | CEMS |
| | MACT |
| | NSPS |
| | NESHAPS |
| | NETTING |
| | MAJOR NON-ATTAINMENT |
| | MODELING SUBMITTED |
| | GASOLINE DISPENSING FACILITY |

DATE: 5/1/2003

Ohio Feedlot
Mark Ritsema
11 Eleventh St
Plainwell, MI 49080-9711

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,

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

cc: USEPA

RAPCA



**Permit To Install
Terms and Conditions**

**Issue Date: 5/1/2003
Effective Date: 5/1/2003**

FINAL PERMIT TO INSTALL 08-04471

Application Number: 08-04471
APS Premise Number: 0812080576
Permit Fee: **\$2600**
Name of Facility: Ohio Feedlot
Person to Contact: Mark Ritsema
Address: 11 Eleventh St
Plainwell, MI 49080-9711

Location of proposed air contaminant source(s) [emissions unit(s)]:
**11000 Huntington Rd
South Charleston, Ohio**

Description of proposed emissions unit(s):
animal feed mill, receiving, storage, shipping, roadways and parking areas.

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

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 Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit 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 cannot meet the requirements of this permit 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 Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

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 ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

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> |
|------------------|----------------------|
| PM | 12.86 |

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> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|--|--|
| F001 - Receiving and transfer to storage silos | OAC rule 3745-31-05(A)(3) OAC rule 3745-17-07(B)(1) | 1.9 lb/hr and 8.34 TPY particulate emissions The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B)(1). Visible particulate emissions shall not exceed 20% opacity as a 3-minute average (as recorded during any sixty-minute period) |

2. **Additional Terms and Conditions**

- 2.a The allowable emission limitations were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and /or reporting requirements to ensure compliance with these terms.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation, and when weather conditions allow, for any visible fugitive particulate emissions from the emission unit. The presence of visible emissions shall be noted in an operating log. If any visible emissions greater than 20% opacity are observed, corrective actions shall be taken to minimize the visible emissions and these actions shall also be noted in the operations log.

If visible emissions greater than 20% are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident or continue to the daily check until the incident has ended. With respect to the documentation of corrective actions, the observer must specify what actions were taken to minimize or eliminate all visible emissions.

D. Reporting Requirements

1. The permittee shall submit written reports that identify all days during which any visible fugitive particulate emissions incident was observed, and describe any corrective actions taken to minimize or eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the exceedance occurs.

E. Testing Requirements

1. Compliance with the emissions limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitations
1.9 lb/hr particulate emissions

Applicable Compliance Method:

The maximum hourly emission rate is determined by multiplying the maximum hourly production rate of 112 tons/hour by the emission factor of 0.017 lb/ton, as specified in USEPA reference document AP-42, Table 9.9.1-2 (5/98).

- b. Emission Limitations
8.34 TPY particulate emissions

Applicable Compliance Method:

The maximum annual emission rate is determined by multiplying the maximum annual production rate of 981,120 tons/year (maximum hourly production rate of 112 tons/hour multiplied by 8760 hours/year) by the emission factor of 0.017 lb/ton, as specified in USEPA reference document AP-42, Table 9.9.1-2 (5/98), and dividing by 2,000 lbs/ton.

- c. Emission Limitations
20% opacity as a 3 minute average

Applicable Compliance Method

If requested, compliance shall be determined in accordance with OAC rule 3745-03(B)(3) using the methods and procedures specified in USEPA Reference Method 9.

F. Miscellaneous Requirements

None

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> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|--------------------------------------|---|
| F002 - Grain Processing (cleaning, soaking, flaking) | OAC rule 3745-31-05(A)(3) | no visible emissions from all equipment (See Section A.2.a) |

2. Additional Terms and Conditions

- 2.a The grain processed through the equipment identified under this emission unit shall have a moisture content sufficient to eliminate visible emissions of fugitive dust from the soaking and flaking, so that compliance with the opacity requirements specified above is continuously maintained. If the inherent moisture in the grain is not sufficient to comply with the opacity restrictions of this permit, the permittee shall install a control device, at appropriate locations in the production line, to eliminate visible emissions of fugitive dust.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall perform daily checks, when the emissions unit is in operation, and when weather conditions allow, for any visible fugitive particulate emissions from the cleaner, soaker, or flaker. The presence or absence of visible emissions shall be noted in an operating log. If any visible emissions are observed, corrective actions shall be taken to eliminate the visible emissions and these actions shall also be noted in the operations log.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident or continue to the daily check until the incident has ended. With respect to the documentation of corrective actions, the observer must specify what actions were taken to eliminate all visible emissions.

D. Reporting Requirements

1. The permittee shall submit written reports that identify all days during which any visible fugitive particulate emissions were observed, and describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the exceedance occurs.

E. Testing Requirements

1. Compliance with the emission limitations in this permit for emissions unit F002 shall be determined in accordance with the following method(s):
 - a. Emissions Limitations-
No visible emissions (equipment is enclosed or process material is saturated)

Applicable Compliance Method-
Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 22.

F. Miscellaneous Requirements

None

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> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|--|---|
| F003 - Flaked grain loadout into trucks, hay receiving and hay loadout into trucks (located within "commodities building") | OAC rule 3745-31-05(A)(3) OAC rule 3745-17-07(B)(1) | 0.55 lb/hr and 2.40 TPY particulate emissions The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B)(1). Visible particulate emissions shall not exceed 20% opacity as a 3-minute average (as recorded during any sixty-minute period) |

2. **Additional Terms and Conditions**

- 2.a The allowable emission limitations were established to reflect the potential to emit for this emission unit. Therefore, it is not necessary to develop record keeping and or reporting requirements to ensure compliance with these terms.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation, and when weather conditions allow, for any visible fugitive particulate emissions from the emission unit. The presence of visible emissions shall be noted in an operating log. If any visible emissions greater than 20% opacity are observed, corrective actions shall be taken to minimize the visible emissions and these actions shall also be noted in the operations log.

If visible emissions greater than 20% are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident or continue to the daily check until the incident has ended. With respect to the documentation of corrective actions, the observer must specify what actions were taken to minimize or eliminate all visible emissions.

D. Reporting Requirements

1. The permittee shall submit written reports that identify all days during which any visible fugitive particulate emissions incident was observed, and describe any corrective actions taken to minimize or eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the exceedance occurs.

E. Testing Requirements

1. Compliance with the emissions limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitations
0.55 lb/hr particulate emissions

Applicable Compliance Method:

Compliance with the maximum hourly emission rate shall be determined as follows:

- i. multiply the maximum hourly production rate for the flaked grain loadout into trucks of 12 tons/hour by the emission factor of 0.0033 lb/ton, as specified in USEPA reference document AP-42, Table 9.9.1-2 (5/98).
- ii. multiply the maximum hourly production rate for the hay receiving of 25 tons/hour by the emission factor of 0.017 lb/ton, as specified in USEPA reference document AP-42, Table 9.9.1-2 (5/98).
- iii. multiply the maximum hourly production rate for the hay loadout into trucks of 25 tons/hour by the emission factor of 0.0033 lb/ton, as specified in USEPA reference document AP-42, Table 9.9.1-2 (5/98).
- iv. sum the results of i, ii and iii above

- b. Emission Limitations
2.40 TPY particulate emissions

Applicable Compliance Method:

Compliance with the maximum annual emission rate shall be determined as follows:

- i. multiply the maximum operating rate for the flaked grain loadout into trucks of 105,120 tons/year (maximum hourly production rate of 12 tons/hour multiplied by 8760 hours/year) by the emission factor of 0.0033 lb/ton, as specified in USEPA reference document AP-42, Table 9.9.1-2 (5/98), and dividing by 2,000 lbs/ton.
 - ii. multiply the maximum operating rate for the hay receiving of 219,000 tons/year (maximum hourly production rate of 25 tons/hour multiplied by 8760 hours/year) by the emission factor of 0.017 lb/ton, as specified in USEPA reference document AP-42, Table 9.9.1-2 (5/98), and dividing by 2,000 lbs/ton.
 - iii. multiply the maximum operating rate for the hay loadout into trucks of 219,000 tons/year (maximum hourly production rate of 25 tons/hour multiplied by 8760 hours/year) by the emission factor of 0.0033 lb/ton, as specified in USEPA reference document AP-42, Table 9.9.1-2 (5/98), and dividing by 2,000 lbs/ton.
 - iv. sum the results of i, ii and iii above
- c. Emission Limitations
20% opacity as a 3 minute average

Applicable Compliance Method

If requested, compliance shall be determined in accordance with OAC rule 3745-03(B)(3) using the methods and procedures specified in USEPA Reference Method 9.

F. Miscellaneous Requirements

None

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> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|--------------------------------------|--|
| F004 - Roadways and parking areas | OAC rule 3745-31-05(A)(3) | 2.03 TPY particulate emissions from unpaved roadways and parking areas. (see A.2.a below) 0.08 TPY particulate emissions from paved roadways and parking areas. (see A.2.a below) |
| Paved roadways and parking area (see A.2.b below) | OAC rule 3745-31-05(A)(3) | No visible particulate emissions from any paved roadway or parking area except for a period of time not to exceed one minute during 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, and A.2.f through A.2.k) |
| Unpaved roadways and parking areas (see A.2.c below) | OAC rule 3745-31-05(A)(3) | No visible particulate emission from any unpaved roadway or parking area except for a period of time not to exceed three minutes during 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.e through A.2.k) |

2. Additional Terms and Conditions

2.a The annual emission limitation was established to reflect the potential to emit for this emission unit. Therefore, it is not necessary to develop record keeping and / or reporting requirements to ensure compliance with these terms.

2.b The paved roadways and parking areas that are covered by this permit and subject to the above mentioned requirements are listed below:

paved roadways

all paved roadways

paved parking areas

All paved parking areas

2.c The unpaved roadways and parking areas that are covered by this permit and subject to the above mentioned requirements are listed below:

unpaved roadways

All unpaved roadways

unpaved parking areas

All unpaved parking areas

2.d The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above mentioned applicable requirements. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.e The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above mentioned applicable requirements. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.f The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved or unpaved roadway or parking area 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. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

- 2.g Any unpaved roadway or parking area, which is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.
- 2.h The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
- 2.i Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- 2.j Implementation of the above mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.
- 2.k The annual emission limitations established for paved and unpaved roadways are based on estimated silt loadings from AP-42. Testing will be required to determine site specific silt loading factors and to confirm compliance with the annual emissions limitations.

B. Operational Restrictions

- 1. A maximum speed limit of 15 miles per hour shall be posted and enforced.

C. Monitoring and/or Recordkeeping Requirements

- 1. Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and parking areas in accordance with the following frequencies:

| | |
|---|-------------------------------------|
| <u>paved roadways and parking areas</u> | <u>minimum inspection frequency</u> |
| All | Daily |
| <u>unpaved roadways and parking areas</u> | <u>minimum inspection frequency</u> |
| All | Daily |

- 2. The purpose of the inspections is to determine the need for implementing the above mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area 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. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) and (have) ended, except if the next required inspection is within one week.

3. 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.
4. 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 that control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 4.d. shall be kept separately for (i) the paved roadways and parking areas and (ii) the unpaved roadways and parking areas, 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 any abnormal visible fugitive particulate emissions were observed and;
 - b. describe any corrective actions taken to eliminate the abnormal visible fugitive particulate emissions.
2. The deviation reports shall be submitted in accordance with the reporting requirements of Section A.2.b. of the General Terms and Conditions of this permit.
3. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) of any Method 22 evaluation that did not demonstrate compliance with the opacity requirements specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the exceedance occurs.

E. Testing Requirements

1. Compliance with the emissions limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:
2.03 TPY particulate from unpaved roadways and parking areas.

Applicable Compliance Method:

Compliance with the emission limit shall be demonstrated through an annual calculation using the vehicle miles traveled on-site and Equation (2) from AP-42, section 13.2.2, (12/02) and 95% control for chemical stabilization of unpaved roads from Reasonably Available Control Measures For Fugitive Dust Sources, Ohio EPA, (9/83).

- b. Emission Limitation:
0.08 TPY particulate from paved roadways and parking areas.

Applicable Compliance Method:

Compliance with the emission limit shall be demonstrated through an annual calculation using the vehicle miles traveled on-site and Equation (1) from AP-42, section 13.2.2, (12/02) and 95% control for chemical stabilization of unpaved roads from Reasonably Available Control Measures For Fugitive Dust Sources, Ohio EPA, (9/83).

- c. Emission Limitation:
no visible particulate emissions from any paved roadway or parking area except for a period of time not to exceed one minute during any 60-minute observation period.

Applicable Compliance Method:

Compliance with the no visible emissions limitation for the paved roadways and parking areas 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)(d) of OAC rule 3745-17-03.

- d. Emission Limitation:
no visible particulate emissions from any unpaved roadway or parking area except for a period of time not to exceed three minutes during any 60-minute observation period.

Applicable Compliance Method:

Compliance with the no visible emissions limitation for the unpaved roadways and parking areas 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)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

Page 19 of 19

Ohio Feedlot

PTI Application: 08-04471

Issued: 5/1/2003

Facility ID: 0812080576

Emissions Unit ID: F004

None