



State of Ohio Environmental Protection Agency

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REC'D - ARAQMD

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
MEDINA COUNTY
Application No: 16-02208**

CERTIFIED MAIL

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

DATE: 10/8/2002

B and B Properties
Robert C Madden
66 Pearl Rd
Brunswick Hills, OH 44212

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

ARAQMD



**Permit To Install
Terms and Conditions**

**Issue Date: 10/8/2002
Effective Date: 10/8/2002**

FINAL PERMIT TO INSTALL 16-02208

Application Number: 16-02208

APS Premise Number: 1652010051

Permit Fee: **\$4800**

Name of Facility: B and B Properties

Person to Contact: Robert C Madden

Address: 66 Pearl Rd
Brunswick Hills, OH 44212

Location of proposed air contaminant source(s) [emissions unit(s)]:
**66 Pearl Rd
Brunswick Hills, Ohio**

Description of proposed emissions unit(s):
Mulch/Compost Facility.

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 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 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.

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>
PE	30.13
NOx	31.09
CO	7.03
SO2	4.53
OC	1.25

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 - Roadways and Parking Areas.	OAC rule 3745-31-05(A)(3)	2.0 tons of particulate emissions (PE) per year (See section A.2.j below.)
paved parking areas (see Section A.2.a)	OAC rule 3745-31-05(A)(3)	There shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period. best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See sections A.2.c and A.2.e through A.2.i.)
	OAC rule 3745-17-07 (B)(4)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-08 (B), (B)(8), (B)(9)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
unpaved roadways and parking areas (see Section A.2.b)	OAC rule 3745-31-05(A)(3)	There shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.

OAC rule 3745-17-07 (B)(5)

best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See sections A.2.d through A.2.i.)

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-17-08 (B), (B)(2)

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

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

paved parking areas:

paved area

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

unpaved roadways:

roadway

unpaved parking areas:

unpaved area

- 2.c** The permittee shall employ best available control measures on all paved parking areas 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 treat the paved parking areas by sweeping at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- 2.d** 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. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas with water at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.e** 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.f** Any unpaved roadway or parking area, which during the term of this permit 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.g** 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.h** 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.i** 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 rules 3745-17-08 and 3745-31-05.
- 2.j** The annual emissions limitation is based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

B. Operational Restrictions

None

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 parking areas</u>	<u>minimum inspection frequency</u>
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paved area	daily
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<u>unpaved roadways and parking areas</u>	<u>minimum inspection frequency</u>
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roadway	daily
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unpaved area	daily
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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) has (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 the 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 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 limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation:

There shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period.

Applicable Compliance Method:

Compliance with the emission limitation 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.

b. Emission Limitation:

There shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period.

Applicable Compliance Method:

Compliance with the emission limitation 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.

c. Emission Limitation:

2.0 tons of PE per year

Applicable Compliance Method:

Multiply the AP-42 derived emission factor (AP-42, Chapter 13.2.2, Equation 2, date 9/98) of 6.81 pounds of PE per vehicle mile traveled for the roadway by the maximum total number of vehicle miles traveled per year for the roadway plus multiply the AP-42 derived emission factor (AP-42, Chapter 13.2.2, Equation 2, dated 9/98) of 8.70 pounds of PE per vehicle mile traveled for the unpaved area by the maximum total number of vehicle miles traveled per year for the unpaved area plus multiply the AP-42 derived emission factor (AP-42, Chapter 13.2.1, Equation 1, dated 10/97) of 5.03 pounds of PE per vehicle mile traveled for the paved area by the maximum total number of vehicle miles traveled per year for the paved area, then divided by 2000 pounds/ton.

F. Miscellaneous Requirements

None

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 - Storage Piles.	OAC rule 3745-31-05(A)(3)	13.2 tons of particulate emissions (PE) per year (See sections A.2.h through A.2.i below.)
load-in and load-out of storage piles (see Section A.2.a for identification of storage piles)	OAC rule 3745-31-05(A)(3)	There shall be no visible particulate emissions except for a period of time not to exceed one minute in any sixty-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.g.)
wind erosion from storage piles (see Section A.2.a for identification of storage piles)	OAC rule 3745-31-05(A)(3)	There shall be no visible particulate emissions except for a period of time not to exceed one minute in any sixty-minute observation period. best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See Sections A.2.d , A.2.f, and A.2.g.)
load-in and load-out of storage piles, operations of vehicles on top of storage piles, and wind erosion from storage piles	OAC rule 3745-17-07(B)(6)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-08(B),(B)(6)	The emission limitation specified by this rule is less stringent than the

operation of vehicles on top of storage piles, excluding emissions from the combustion of fuels in such vehicles (i.e., pile working)

OAC rule 3745-31-05(A)(3)

emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

There shall be no visible particulate emissions except for a period of time not to exceed one minute in any sixty-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.g.)

2. Additional Terms and Conditions

2.a The storage piles that are covered by this permit and subject to the above-mentioned requirements are listed below:

<u>storage pile identification</u>	<u>number of separate piles</u>
Mulch	5
Compost	3
Wood chips	2
Topsoil	2
Stone	3

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 reduce drop height of the front-end loaders and trucks to ensure compliance. 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 watering to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- 2.e The permittee shall employ reasonably available control measures on all pile working operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. The permittee shall treat the pile working operations with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.f The above-mentioned control measure(s) shall be employed for each pile working operation and 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.g 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 rules 3745-17-08 and 3745-31-05.
- 2.h This facility shall not cause a nuisance per Ohio Administrative Code 3745-15-07.
- 2.i The annual emissions limitation is based on the emissions unit's potential to emit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

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:

<u>storage pile identification</u>	<u>minimum load-in inspection frequency</u>
Mulch	daily
Compost	daily
Wood chips	daily
Topsoil	daily
Stone	daily

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:

<u>storage pile identification</u>	<u>minimum load-out inspection frequency</u>
Mulch	daily
Compost	daily
Wood chips	daily
Topsoil	daily
Stone	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:

<u>storage pile identification</u>	<u>minimum wind erosion inspection frequency</u>
Mulch	daily
Compost	daily
Wood chips	daily
Topsoil	daily
Stone	daily

4. Except as otherwise provided in this section, the permittee shall perform inspections of each pile working operation associated with each storage pile in accordance with the following frequencies:

<u>coal storage pile identification</u>	<u>minimum coal pile working inspection frequency</u>
Mulch	daily
Compost	daily
Wood chips	daily
Topsoil	daily
Stone	daily

5. 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 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.
6. 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.
7. 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.

8. 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 . 8.d shall be kept separately for (i) the load-in operations, (ii) the load-out operations, (iii) the storage pile working operations, and (iv) 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 limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation:

There shall be no visible particulate emissions except for a period of time not to exceed one minute in any sixty-minute observation period.

Applicable Compliance Method:

Compliance with the emission limitation 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.

b. Emission Limitation:

13.2 tons of PE per year

Applicable Compliance Method:

Total emissions = load-in + load-out + wind erosion + vehicular traffic on storage piles

load-in: multiply the AP-42 derived emission factor (AP-42 Chapter 13.2.4, equation 1, dated 1/95) of 0.0006 pound of particulate emissions per ton of material loaded-in for mulch, compost, wood chips, and topsoil by the maximum yearly amount of mulch, compost, wood chips, and topsoil loaded-in plus multiply the AP-42 derived emission factor (AP-42 Chapter 13.2.4, equation 1, dated 1/95) of 0.028 pound of particulate emissions per ton of material loaded-in for stone by the maximum yearly amount of stone loaded-in, then divide by 2000 pounds/ton.

load-out: multiply the AP-42 derived emission factor (AP-42 Chapter 13.2.4, equation 1, dated 1/95) of 0.0006 pound of particulate emissions per ton of material loaded-out for mulch, compost, wood chips, and topsoil by the maximum yearly amount of mulch, compost, wood chips, and topsoil loaded-out plus multiply the AP-42 derived emission factor (AP-42 Chapter 13.2.4, equation 1, dated 1/95) of 0.028 pound of particulate emissions per ton of material loaded-out for stone by the maximum yearly amount of stone loaded-out, then divide by 2000 pounds/ton.

wind erosion: multiply the AP-42 emission factor of 3.5 pounds of particulate emissions per acre per day by the maximum acres of the storage piles by 365 day per year, then divide by 2000 pounds/ton.

vehicular traffic on storage piles: multiply the AP-42 derived emission factor (AP-42 Chapter 13.2.2, equation 2, dated 9/98) 13.45 pounds of particulate emissions per vehicular mile traveled on the storage piles by the maximum vehicular miles traveled on the storage piles.

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>
P901 - Portable Morbark Model 1300 Tub Grinder with a 750 HP diesel engine.	OAC rule 3745-31-05(A)(3)	<p>4.5 pounds of particulate emissions (PE) per hour</p> <p>6.1 tons of PE per year</p> <p>There shall be no visible particulate emissions from the tub grinder, the processed mulch pile(s), conveyor transfer point(s), and the loading and unloading activities associated with the tub grinder.</p> <p>Emissions from the diesel engine shall not exceed the following rates:</p> <p>18.00 pounds of nitrogen oxides (NOx) per hour and 24.30 tons of NOx per year</p> <p>4.13 pounds of carbon monoxide (CO) per hour and 5.58 tons of CO per year</p> <p>3.03 pounds of sulfur dioxide (SO2) per hour and 4.09 tons of SO2 per year</p> <p>0.33 pound of PE per hour and 0.45 ton of PE per year</p> <p>0.53 pound of organic compounds (OC) per hour and 0.72 ton of OC per year</p>

	(See Sections A.2.b through A.2.d and Section B.2.)
	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-17-11(B)(5)(b).
OAC rule 3745-17-07(A)	Visible particulate emissions from the diesel engine exhaust stack shall not exceed twenty percent opacity as a six-minute average, except as provided by rule.
OAC rule 3745-17-07(B)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-08(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-11(B)(5)(b)	The particulate emissions from the diesel engine's exhaust shall not exceed 0.062 pound per million Btu of actual heat input.
OAC rule 3745-18-06(B)	Stationary internal combustion engines which have rated heat input capacities equal to, or less than, ten MM Btu per hour total rated capacity are exempt from paragraphs (D), (F), and (G) of OAC rule 3745-18-06 and from rules 3745-18-07 to 3745-18-94 of the Administrative Code.

2. Additional Terms and Conditions

2.a This facility shall not cause a nuisance per Ohio Administrative Code 3745-15-07.

- 2.b** The permittee shall employ best available control measures for the tub grinder, the processed mulch pile(s), conveyor transfer point(s), and the loading and unloading activities associated with the tub grinder for the purpose of ensuring compliance with the "no visible emissions" requirement. The permittee shall employ water on an "as needed" basis to ensure compliance.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- 2.c** The above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to ensure compliance with the "no visible emissions" requirement. Any required implementation of the control measure(s) shall continue until further observation confirms that use of the control measure(s) is unnecessary.

- 2.d** 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 rules 3745-17-08 and 3745-31-05.

- 2.e** The pounds per hour limit for PE for the tub grinder and the pounds per hour limits for PE, NO_x, CO, SO₂, and OC for the tub grinder's diesel engine 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 limits. The tons per year limit for PE for the tub grinder and the tons per year limits for PE, NO_x, Co, SO₂, OC for the tub grinder's diesel engine are based on the maximum pounds per hour multiplied by the maximum annual operating hours limitation. Therefore, the record keeping and/or reporting requirements for the annual operating hours limitation is sufficient to ensure compliance with these annual emission limits.

B. Operational Restrictions

1. This emissions unit shall be operated with diesel fuel with a sulfur content less than or equal to 0.5% by weight.
2. The maximum annual operating hours for this emissions unit shall not exceed 2700.

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections to determine if visible particulate emissions are being emitted from the operations listed below in accordance with the following minimum frequencies:

<u>operation(s)</u>	<u>minimum inspection frequency</u>
tub grinder	hourly
conveyor transfer point(s)	hourly
loading and unloading activities associated with the tub grinder	hourly
processed mulch piles	daily

2. The above-mentioned inspections shall be performed during representative, normal operating conditions.
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 note the following in an operations log for each operation (i.e., tub grinder, processed mulch pile(s), conveyor transfer point(s), and the loading and unloading activities associated with the tub grinder) at the minimum inspection frequency specified above whenever the emissions unit is in operation:
 - a. the date and time of each observation;
 - b. the presence or absence of any visible emissions;
 - c. whether it was determined by the permittee that it was necessary to implement the control measures;
 - d. the dates and times the control measures were implemented; and,
 - e. the name of the person reporting each observation.
5. The operations log shall be maintained on site.
6. The permittee shall maintain a record of the sulfur content of each shipment of diesel fuel received for burning in this emissions unit.
7. The permittee shall maintain monthly records of the operating hours for this emissions unit.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency; and,
 - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.
2. The permittee shall submit deviation (excursion) reports which identify each day when a fuel that does not meet the requirements of section B.1 of these terms and conditions was burned in this emissions unit.
3. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
4. The permittee shall submit annual reports which identify any exceedances of the annual operating hours limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation:

There shall be no visible particulate emissions from the tub grinder, the processed mulch pile(s), conveyor transfer point(s), and the loading and unloading activities associated with the tub grinder.

Applicable Compliance Method:

Compliance with the emission limitation 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.
 - b. Emission Limitation:

4.5 pounds of PE per hour

Applicable Compliance Method:

Multiply the RACM emission factor of 0.35 pound of particulate emissions per ton of material processed (Ohio EPA RACM Table 2.17-1) by the maximum hourly process rate times (1-0.8*)

*The control efficiency for watering and for the moisture content of the material processed.

c. Emission Limitation:

6.1 tons of PE per year

Applicable Compliance Method:

Multiply the allowable hourly emissions limitation by 2700 hours per year, then divide by 2000 pounds per ton.

d. Emission Limitation:

18.00 pounds of NOx per hour

Applicable Compliance Method:

Multiply the AP-42 emission factor of 0.024 pounds of NOx per horsepower-hour (AP-42 Table 3.4-1 dated 10/96) by the maximum power output.

e. Emission Limitation:

24.30 tons of NOx per year

Applicable Compliance Method:

Multiply the allowable hourly emissions limitation by 2700 hours per year, then divide by 2000 pounds per ton.

f. Emission Limitation:

4.13 pounds of CO per hour

Applicable Compliance Method:

Multiply the AP-42 emission factor of 0.0055 pound of CO per horsepower-hour (AP-42 Table 3.4-1 dated 10/96) by the maximum power output.

l. Emission Limitation:

0.53 pound of OC per hour

Applicable Compliance Method:

Multiply the AP-42 emission factor of 0.000705 pound of OC per horsepower-hour (AP-42 Table 3.4-1 dated 10/96) by the maximum power output.

m. Emission Limitation:

0.72 of OC per year

Applicable Compliance Method:

Multiply the allowable hourly emissions limitation by 2700 hours per year, then divide by 2000 pounds per ton.

n. Emission Limitation:

Visible particulate emissions from the diesel engine exhaust stack shall not exceed twenty percent opacity as a six-minute average, except as provided by rule.

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

o. Emission Limitation:

The particulate emissions from the diesel engine's exhaust shall not exceed 0.062 pound per million Btu of actual heat input.

Applicable Compliance Method:

If required, compliance with the allowable emission limitation shall be determined in accordance with test method(s) and procedures specified in OAC rule 3745-17-03(B)(10).

F. Miscellaneous Requirements

1. Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of the portable or mobile emissions unit identified within this Permit to Install (PTI) may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

- b. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
 - c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Akron Regional Air Quality Management District (ARAQMD) within a minimum of thirty days prior to the scheduled relocation; and
 - d. in the ARAQMD's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.
 2. As an alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:
 - a. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;
 - b. the portable emissions unit is equipped with best available technology;
 - c. the portable emissions unit owner has identified the proposed site to Ohio EPA;
 - d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
 - e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;
 - f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and
 - g. the portable emissions unit owner has provided Ohio EPA with fifteen days written notice of the relocation.
 3. Any site approvals issued by the Ohio EPA shall be valid for no longer than three years and are subject to renewal.
 4. In order for the ARAQMD to determine compliance with all of the above criteria, the permittee of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the ARAQMD, 146 South High Street, Suite 904, Akron, OH 44308. Upon receipt of the notice, the ARAQMD, or the ARAQMD authorized representative, will evaluate the request in accordance with the above criteria. Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in fines and civil penalties.

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>
P902 - Portable Starscreen Tornado Star 4008 Screener with a 50 HP diesel engine.	OAC rule 3745-31-05(A)(3)	<p>1.8 pounds of particulate emissions (PE) per hour</p> <p>7.9 tons of PE per year</p> <p>There shall be no visible particulate emissions from the screener, the processed compost pile(s), conveyor transfer point(s), and the loading and unloading activities associated with the screener.</p> <p>Emissions from the diesel engine shall not exceed the following rates:</p> <p>1.55 pounds of nitrogen oxides (NOx) per hour and 6.79 tons of NOx per year</p> <p>0.33 pound of carbon monoxide (CO) per hour and 1.45 tons of CO per year</p> <p>0.10 pound of sulfur dioxide (SO2) per hour and 0.44 ton of SO2 per year</p> <p>0.11 pound of PE per hour and 0.48 ton of PE per year</p> <p>0.12 pound of organic compounds (OC) per hour and 0.53 ton of OC per year</p> <p>(See Sections A.2.b through A.2.d.)</p>

OAC rule 3745-17-07(A)	The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-17-11(B)(5)(a).
OAC rule 3745-17-07(B)(1)	Visible particulate emissions from the diesel engine exhaust stack shall not exceed twenty percent opacity as a six-minute average, except as provided by rule.
OAC rule 3745-17-08(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-11(B)(5)(a)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-18-06(B)	The particulate emissions from the diesel engine's exhaust shall not exceed 0.310 pound per million Btu of actual heat input.
	Stationary internal combustion engines which have rated heat input capacities equal to, or less than, ten MM Btu per hour total rated capacity are exempt from paragraphs (D), (F), and (G) of OAC rule 3745-18-06 and from rules 3745-18-07 to 3745-18-94 of the Administrative Code.

2. Additional Terms and Conditions

- 2.a** This facility shall not cause a nuisance per Ohio Administrative Code 3745-15-07.
- 2.b** The permittee shall employ best available control measures for the screener, the processed compost pile(s), conveyor transfer point(s), and the loading and unloading activities

associated with the screener for the purpose of ensuring compliance with the “no visible emissions” requirement. The permittee shall employ water on an “as needed” basis to ensure compliance.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- 2.c** The above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to ensure compliance with the “no visible emissions” requirement. Any required implementation of the control measure(s) shall continue until further observation confirms that use of the control measure(s) is unnecessary.
- 2.d** 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 rules 3745-17-08 and 3745-31-05.
- 2.e** The pounds per hour and tons per year limits for PE, NOx, CO, SO2, and OC for the screener's diesel engine 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 limits.

B. Operational Restrictions

- 1. This emissions unit shall be operated with diesel fuel with a sulfur content less than or equal to 0.5% by weight.

C. Monitoring and/or Recordkeeping Requirements

- 1. Except as otherwise provided in this section, the permittee shall perform inspections to determine if visible particulate emissions are being emitted from the operations listed below in accordance with the following minimum frequencies:

<u>operation(s)</u>	<u>minimum inspection frequency</u>
screener	hourly
conveyor transfer point(s)	hourly
loading and unloading activities associated with the screener	hourly
processed compost piles	daily

2. The above-mentioned inspections shall be performed during representative, normal operating conditions.
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 note the following in an operations log for each operation (i.e., screener, processed compost pile(s), conveyor transfer point(s), and the loading and unloading activities associated with the screener) at the minimum inspection frequency specified above whenever the emissions unit is in operation:
 - a. the date and time of each observation;
 - b. the presence or absence of any visible emissions;
 - c. whether it was determined by the permittee that it was necessary to implement the control measures;
 - d. the dates and times the control measures were implemented; and,
 - e. the name of the person reporting each observation.
5. The operations log shall be maintained on site.
6. The permittee shall maintain a record of the sulfur content of each shipment of diesel fuel received for burning in this emissions unit.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency; and,
 - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.
2. The permittee shall submit deviation (excursion) reports which identify each day when a fuel that does not meet the requirements of section B.1 of these terms and conditions was burned in this emissions unit.
3. 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 limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:

There shall be no visible particulate emissions from the screener, the processed compost pile(s), conveyor transfer point(s), and the loading and unloading activities associated with the screener.

Applicable Compliance Method:

Compliance with the emission limitation 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.

- b. Emission Limitation:

1.8 pounds of PE per hour

Applicable Compliance Method:

Multiply the AP-42 emission factor of 0.15* pounds of particulate emissions per ton of material processed (AP-42 Table 11.19.2-2 dated 1/95) by the maximum hourly process rate times (1-0.8**).

*The PM-10 AP-42 emission factor was multiplied by 2.1 per footnote C in AP-42 Table 11.19.2-2 to get the total suspended particulate emission factor.

**The control efficiency for watering and for the moisture content of the material processed.

- c. Emission Limitation:

7.9 tons of PE per year

Applicable Compliance Method:

Multiply the allowable hourly emissions limitation by 8760 hours per year, then divide by 2000 pounds per ton.

- d. Emission Limitation:

1.55 pounds of NOx per hour

Applicable Compliance Method:

Multiply the AP-42 emission factor of 0.031 pound of NO_x per horsepower-hour (AP-42 Table 3.3-1 dated 10/96) by the maximum power output.

e. Emission Limitation:

6.79 tons of NO_x per year

Applicable Compliance Method:

Multiply the allowable hourly emissions limitation by 8760 hours per year, then divide by 2000 pounds per ton.

f. Emission Limitation:

0.33 pound of CO per hour

Applicable Compliance Method:

Multiply the AP-42 emission factor of 0.00668 pound of CO per horsepower-hour (AP-42 Table 3.3-1 dated 10/96) by the maximum power output.

g. Emission Limitation:

1.45 tons of CO per year

Applicable Compliance Method:

Multiply the allowable hourly emissions limitation by 8760 hours per year, then divide by 2000 pounds per ton.

h. Emission Limitation:

0.10 pound of SO₂ per hour

Applicable Compliance Method:

Multiply the AP-42 emission factor of 0.00205 pound of SO₂ per horsepower-hour (AP-42 Table 3.3-1 dated 10/96) by the maximum power output.

i. Emission Limitation:

0.44 ton of SO₂ per year

Applicable Compliance Method:

Multiply the allowable hourly emissions limitation by 8760 hours per year, then divide by 2000 pounds per ton.

j. Emission Limitation:

0.11 pound of PE per hour

Applicable Compliance Method:

Multiply the allowable emission limit of 0.310 pound of PE per million Btu of actual fuel input by 7000 Btu/horsepower-hour times $1 \text{ MM Btu} / 1 \times 10^6 \text{ Btu}$ times the maximum power output.

k. Emission Limitation:

0.48 ton of PE per year

Applicable Compliance Method:

Multiply the allowable hourly emissions limitation by 8760 hours per year, then divide by 2000 pounds per ton.

l. Emission Limitation:

0.12 pound of OC per hour

Applicable Compliance Method:

Multiply the AP-42 emission factor of 0.00247 pound of OC per horsepower-hour (AP-42 Table 3.3-1 dated 10/96) by the maximum power output.

m. Emission Limitation:

0.53 ton of OC per year

Applicable Compliance Method:

Multiply the allowable hourly emissions limitation by 8760 hours per year, then divide by 2000 pounds per ton.

n. Emission Limitation:

Visible particulate emissions from the diesel engine exhaust stack shall not exceed twenty percent opacity as a six-minute average, except as provided by rule.

Applicable Compliance Method:

OAC rule 3745-17-03(B)(1)

o. Emission Limitation:

The particulate emissions from the diesel engine's exhaust shall not exceed 0.310 pound per million Btu of actual heat input.

Applicable Compliance Method:

If required, compliance with the allowable emission limitation shall be determined in accordance with test method(s) and procedures specified in OAC rule 3745-17-03(B)(10).

F. Miscellaneous Requirements

1. Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of the portable or mobile emissions unit identified within this Permit to Install (PTI) may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:
 - a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;
 - b. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
 - c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Akron Regional Air Quality Management District (ARAQMD) within a minimum of thirty days prior to the scheduled relocation; and
 - d. in the ARAQMD's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

2. As an alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:
 - a. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;
 - b. the portable emissions unit is equipped with best available technology;
 - c. the portable emissions unit owner has identified the proposed site to Ohio EPA;

- d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
 - e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;
 - f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and
 - g. the portable emissions unit owner has provided Ohio EPA with fifteen days written notice of the relocation.
3. Any site approvals issued by the Ohio EPA shall be valid for no longer than three years and are subject to renewal.
 4. In order for the ARAQMD to determine compliance with all of the above criteria, the permittee of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the ARAQMD, 146 South High Street, Suite 904, Akron, OH 44308. Upon receipt of the notice, the ARAQMD, or the ARAQMD authorized representative, will evaluate the request in accordance with the above criteria. Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in fines and civil penalties.