

Facility ID: 0285010434 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0285010434 Emissions Unit ID: F003 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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 - Material handling operations	OAC rule 3745-31-05 (A)(3) PTI No. 02-21710	Visible emissions of fugitive dust from any material handling operation shall not exceed 10% opacity, as a three-minute average, except as specified by rule. 0.2 tons/year of fugitive particulate matter of 10 microns or less (PM10) 0.3 tons/year of fugitive particulate emissions (PE) The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.b through A.2.d).
	OAC rule 3745-17-07 (B)(1)	Exempt.
	OAC rule 3745-17-08 (B)	See section A.2.e of these terms and conditions. Exempt.
		See section A.2.f of these terms and conditions.

2. Additional Terms and Conditions

- (a) The material handling operation(s) that are covered by this permit and subject to the above-mentioned requirements are listed below:

all handling of compost, peat, sawdust, manure, bark fines, ash, or any other materials; normally, but not exclusively, performed using a front-end loader or dropped from belt conveyor to belt conveyor
The permittee shall employ best available control measures for the above-identified material handling operation(s) for the purpose of ensuring compliance with the above-mentioned applicable requirements. The permittee shall water the storage piles as needed and minimize drop heights to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
For each material handling operation that is not adequately enclosed, 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 above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the material handling operation(s) until further observation confirms that use of the control measure(s) is unnecessary.
Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.
In accordance with OAC rule 3745-17-07 (B)(11)(d), OAC rule 3745-17-07 (B)(1) shall not apply to any fugitive emissions units which are exempted from the requirements of OAC rule 3745-17-08 (B).
The facility is not located at Appendix A area of OAC rule 3745-17-08. In accordance with OAC rule 3745-17-08 (A)(1), this emissions unit is exempt from the requirements of OAC rule 3745-17-08 (B).

B. Operational Restrictions

1. None
- C. Monitoring and/or Record Keeping Requirements**
1. Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations 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 maintain records of the following information:
 - a. the date and reason any required inspection was not performed;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
 - c. the dates the control measure(s) was (were) implemented; and
 - d. on a calendar quarterly basis, the total number of days the control measure(s) was (were) implemented.

The information in 4.d. shall be kept separately for each material handling operation identified above, 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; and
 - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.
 2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
- E. Testing Requirements**
1. Compliance with the emission limitations specified in section A.1. of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:
Visible emissions of fugitive dust from any material handling operation shall not exceed 10% opacity, as a three-minute average, except as specified by rule.

Applicable Compliance Method:
Compliance with the above visible emission limitation shall be determined by Method 9 of 40 CFR, Part 60, Appendix A, except that the data reduction and average opacity calculation shall be based upon sets of twelve consecutive visible particulate emission observations recorded at fifteen-second intervals.
 - b. Emissions Limitations:
0.2 tons/year of fugitive PM10
0.3 tons/year of fugitive PE

Applicable Compliance Method:
Compliance with the above annual particulate emission limitation shall be determined by the following equation from AP-42, Chapter 13.2.4 (Aggregate Handling and Storage Piles), Fifth Edition, dated 1/1995:

$$E1 = k \times 0.0032 \times [(U/5)^{1.3} / (M/2)^{1.4}] \times P / 2,000$$

where:
E1 = annual particulate emission rate at each drop operation (TPY);
k = particle size multiplier (dimensionless), 0.35 for PM10, 0.74 for PE;
U = mean wind speed, 10.8 mph;
M = material moisture content, 10%;
P = maximum annual process rate, in tons/yr, 158,080 TPY (screened material), 36,608 TPY (mulch)

For total particulate emissions, E = sum of particulate emissions from each continuous or batch drop operation (E1)
- F. Miscellaneous Requirements**
1. None