

Facility ID: 1652050174 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.

[Go to Part II for Emissions Unit F001](#)

[Go to Part II for Emissions Unit F002](#)

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

Facility ID: 1652050174 Emissions Unit ID: F001 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>
Unpaved access roadways and parking areas	OAC rule 3745-31-05 See F.1 below.	1.91 TPY particulate matter See A.2.a below.
	OAC rule 3745-17-07 See F.1 below.	Less stringent than A.2.a.
	OAC rule 3745-17-08 See F.1 below.	See B.1 below.

**2. Additional Terms and Conditions**

- (a) There shall be 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.

**B. Operational Restrictions**

1. The permittee shall apply dust suppressants to the unpaved roadways and parking areas to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic. Water shall be used as the dust suppressant, and the following equipment shall be used for the periodic applications: watering trucks. The dust suppressant shall be applied to the unpaved surfaces, as needed to comply with the particulate matter emission limitation. This term and condition shall be waived during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.

Any material carried off of the permittee's property and deposited onto public streets by vehicular traffic or by erosion by water, etc., shall be promptly removed and disposed of properly to minimize or prevent resuspension.

A maximum speed limit of 10 miles per hour shall be posted and enforced on the property.

Open bodied vehicles transporting materials likely to become airborne shall be covered at all times.

**C. Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain records which include the following information for the unpaved roadways and parking areas:
  - a. the date dust suppressants were applied to the unpaved surfaces;
  - b. the portions of unpaved surfaces that were treated with dust suppressants;
  - c. the application rate of water and any chemical additives (gallons of each per square yard); and
  - d. the name of the equipment operator responsible for the application of the dust suppressants.

**D. Reporting Requirements**

1. The permittee shall submit annual reports which specify the particulate matter emissions from this emissions unit for the previous calendar year, as calculated in accordance with the procedures in E.1.a below. These reports shall be submitted by January 31 of each year.

**E. Testing Requirements**

1. Compliance with the emission limitations in Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:  
 Emission Limitation:  
 1.91 tpy of particulate matter  
 Applicable Compliance Method:  
 Multiply the appropriate RACM particulate matter emission factor by the number of vehicle miles traveled per year, and then divide by 2000 to convert to tons per year.  
 Pick-up trucks 1.18 lbs/VMT of particulate matter  
 Dump trucks 1.77 lbs/VMT of particulate matter  
 Emission Limitation:  
 no visible particulate emissions  
 Applicable Compliance Method:  
 OAC rule 3745-17-03(B)(4)

**F. Miscellaneous Requirements**

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 16-1657, as issued on April 23, 1997: A, B, C, D, and E.

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Facility ID: 1652050174 Emissions Unit ID: F002 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>
Material handling - earth moving equipment including front end loader, dozer, compactor, etc.	OAC rule 3745-31-05 See F.1 below.	53.4 TPY particulate matter See A.2.a below.
	OAC rule 3745-17-07 See F.1 below.	Less stringent than A.2.a.
	OAC rule 3745-17-08 See F.1 below.	Less stringent than A.2.a.
Material storage piles	OAC rule 3745-31-05 See F.1 below.	See A.2.b below.
	OAC rule 3745-17-07 See F.1 below.	Less stringent than A.2.b.
	OAC rule 3745-17-08 See F.1 below.	Less stringent than A.2.b.

**2. Additional Terms and Conditions**

- (a) Fugitive dust emissions for all activities, except material storage piles, shall not exceed 10 percent opacity as a three-minute average. To meet this requirement, the following BAT will be employed:

- a. solid wastes are deposited, spread and compacted in such a manner as to minimize or prevent visible emissions of dust;
  - b. all truckloads of solid waste shall be unloaded in a manner which will minimize the drop height of the solid wastes;
  - c. any dust materials or wastes likely to become airborne shall be watered as necessary prior to or during operations in order to minimize or eliminate visible emissions of fugitive dust;
  - d. watering shall be conducted in such a manner as to avoid the pooling of liquids and runoff; and
  - e. no dusty material shall be dumped during periods of high wind speed, unless the material has been treated to prevent fugitive dust emissions from becoming airborne.  
BAT will be used to eliminate visible particulate emissions from material storage piles except during a period of time not to exceed one minute during any sixty minute observation period.
- B. Operational Restrictions**
- 1. None
- C. Monitoring and/or Record Keeping Requirements**
- 1. The permittee shall maintain records, which include the following information for the landfill:  
this facility shall be limited to accepting only C&D material as defined in Ohio Revised Code 3714.01 (C) and limited to accepting no more than 75,000 tons of C&D material per calendar year. In order to keep track of the amounts of C&D material disposed during the year, the facility shall maintain records of the volume of material received per day. Based on the assumed density of 1,000 pounds per cubic yard of as-received material, the facility shall be limited to 150,000 cubic yards per year. Additionally, this facility shall be limited to the use of a maximum 3.75 acres of landfill per calendar year for disposing of received C&D material; and the facility shall maintain records of the volume of material received per day on an as-received basis.
- D. Reporting Requirements**
- 1. The permittee shall submit annual reports which specify the particulate matter emissions from this emissions unit for the previous calendar year, as calculated in accordance with the procedures in E.1.a below. These reports shall be submitted by January 31 of each year.
- E. Testing Requirements**
- 1. Compliance with the emission limitations in Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation:  
  
53.4 tpy of particulate matter  
  
Applicable Compliance Method:  
  
Total Emissions = Loading Operations + Wind Erosion + Heavy Earth Construction  
  
i. Loading Operations:  
Multiply the particulate emission factor of 0.05 pound per ton by the maximum amount of material dumped per year  
  
ii. Wind Erosion:  
Multiply the particulate emission factor of 0.047 ton per acre-year by the maximum surface area worked per year  
  
iii. Heavy Earth Construction:  
Multiply the particulate emission factor of 15.2 ton per acre-year by the maximum surface area worked per year  
  
All emission factors were developed by the Akron RAQMD based upon OEPA RACM.  
Emission Limitation:  
  
10% opacity as a 3-minute average  
  
Applicable Emission Factor:  
  
OAC 3745-17-03(B)(3)  
Emission Limitation:  
  
no visible emissions  
  
Applicable Compliance Method:  
  
OAC 3745-17-03(B)(4)
  - 2. Compliance with the landfill volume dumping limitation shall be determined in accordance with the required recordkeeping.
- F. Miscellaneous Requirements**
- 1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 16-1657, as issued on April 23,1997: A, C, D, E, and F.
  - 2. In addition to the waste materials not included in "construction and demolition debris," as defined in OAC 3745-40-01 (F), "asbestos-containing waste materials," as defined in OAC 3745-20-01 (B) (4) will not be accepted for disposal by the permittee.
  - 3. There shall be no open burning in violation of OAC 3745-19 at this facility.

4. Pursuant to the authority in OAC rule 3745-77-07(C)(2) or ORC section 3704.03(L), any representative of the Director may, upon presentation of proper identification, enter at any reasonable time upon any portion of the property where this landfill is located, including any improvements thereon, to make inspections, take samples, conduct tests and examine records or reports pertaining to any emissions of air contaminants and any monitoring equipment, emissions control equipment or methods. No operator or agent of this landfill shall act in any manner to refuse, hinder, or thwart this legal right of entry.