

Facility ID: 0857723119 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.

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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>
F001 - Unpaved roadways and parking areas	OAC rule 3745-31-05(A)(3) PTI 08-04339	No visible particulate emissions except for 3 minutes during any 60-minute period. Use of best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Section A.2.)
	OAC rule 3745-17-07(B)(5)	8.71 TPY particulates 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

- (a) 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.
 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 an 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.
 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 using appropriate dust control measures 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 a visible emission limitation of no visible particulate emissions except for one minute during any 60-minute period.
 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.
 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.
 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.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the unpaved roadways and parking areas in accordance with the following frequencies:
 - unpaved roadways- all
minimum inspection frequency- daily
 - unpaved parking areas- all
minimum inspection frequency- 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) has (have) ended, except if the next required inspection is within one day.
 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 updated on a calendar quarter basis within 30 days after the end of each calendar quarter.
- D. Reporting Requirements**
1. The permittee shall submit quarterly deviation (excursion) reports, in accordance with Section A.2.b. of the General Terms and Conditions of this permit, and shall include the following information:
 - a. An identification of 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. An identification of each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
- E. Testing Requirements**
1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
 - Emission Limitation -
No visible particulate emissions except for 3 minutes during any 60-minute period.
 - Applicable Compliance Method-
Compliance with the emission 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.
 - Emission Limitation -
8.71 TPY particulates
 - Applicable Compliance Method -
Compliance shall be determined in accordance with the equation specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 13.2.2. The result shall then be multiplied by a control efficiency of 50 percent based on dust suppression control measures.
- F. Miscellaneous Requirements**
1. None

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Part II - Special Terms and Conditions

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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>
F002 - Construction and demolition debris landfill	OAC rule 3745-31-05(A)(3)	0.48 lb/hr and 2.10 TPY particulates
		Use of reasonably available control measures to minimize or eliminate the emissions of fugitive dust (See Section A.2.b-d below).
	OAC rule 3745-17-07(B)(1)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B)(1). Visible particulate emissions not to exceed 20 percent opacity as a three minute average.

2. Additional Terms and Conditions

- (a) The 0.48 lb/hr particulate limitation was developed for PTI purposes to reflect the potential to emit of this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit. The permittee shall employ the following Reasonably Available Control Measures for all waste materials deposited in the landfill:
 - i. Ensure that construction and demolition debris (C & DD) materials are deposited, spread, and compacted in such a manner as to minimize or prevent visible emissions of dust.
 - ii. All truckloads of C & DD materials shall be unloaded as near to the point of final placement as possible and in a manner which will minimize the drop height of the C & DD materials.
 - iii. Any dusty materials or wastes likely to become airborne shall be watered as necessary prior to or during dumping operations. Watering shall be conducted in such a manner as to avoid the pooling of liquids and runoff.
 - iv. 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.

All vehicles hauling C & DD materials shall be closed, covered, or tarped when coming to or leaving the facility. When handling and stockpiling C & DD materials and/or cover materials, the permittee shall implement the following procedures:

- i. Any dusty C & DD materials to be stored prior to disposal shall be watered, as necessary, or have a temporary soil cover. All exposed C & DD materials shall be covered with cover materials by the end of each week's operation.
- ii. To minimize handling of the C & DD materials, spreading and compacting shall occur in one operation.
- iii. Handling and stockpiling of cover materials, except for top soil, shall be minimized. Unvegetated cover materials and soil in the waste disposal area must be periodically wetted with water and shall be handled in such a manner as to minimize or eliminate visible particulate emissions of fugitive dust. The frequency and amounts of water application will depend on weather conditions, cover material conditions, and soil conditions.

B. Operational Restrictions

- 1. The permittee shall not accept for disposal any NESHAP Regulated Asbestos Containing Material (RACM) as defined in the NESHAP for Asbestos, 40 CFR Part 61, Subpart M, Section 141 (amended 11/20/90) or any subsequent revisions. This regulation defines RACM as "(a) Friable asbestos material, (b) Category I nonfriable asbestos containing material that has become friable, (c) Category I nonfriable asbestos containing material that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II nonfriable asbestos containing material that has a high probability of becoming, or has become, crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart." In addition, the permittee shall not accept for disposal any Category II nonfriable asbestos containing material. For asbestos materials, the permittee shall be limited to accepting Category I nonfriable asbestos containing material which has not or will not be subjected to sanding, grinding, cutting, or abrading. The permittee shall ensure that any Category I nonfriable asbestos containing material which has not or will not be subjected to sanding, grinding, cutting, or abrading shall not become friable during processing at the landfill. Any asbestos containing material that is or becomes friable is subject to the above-mentioned NESHAP regulation.

2. There shall be no open burning, in violation of OAC rule 3745-19, at this facility.
 3. Application of waste oil as a dust suppressant is prohibited.
 4. The permittee shall be limited to accepting only C & DD materials as defined in Ohio Revised Code 3714.01(C).
- C. Monitoring and/or Record Keeping Requirements**
1. The permittee shall maintain records of the water applications required by these terms and conditions. These records shall be maintained for a period of not less than five years, and shall be available for review by the Director or any authorized representative of the Director during normal business hours.
- D. Reporting Requirements**
1. None
- E. Testing Requirements**
1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation -
20 percent opacity, as a three-minute average

Applicable Compliance Method -
Compliance shall be determined in accordance with OAC rule 3745-17-03(B)(3).
Emission Limitation -
2.10 TPY particulates

Applicable Compliance Method -
Compliance shall be determined in accordance with the equation specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 13.2.4.
- F. Miscellaneous Requirements**
1. 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.