

Facility ID: 1576001703 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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[Go to Part II for Emissions Unit F002](#)

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Facility ID: 1576001703 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>
Plant Roadways and Parking Lots Associated with the Construction and Demolition Material (C&D) Landfill	PTI 15-772	0.4 TPY PM
	OAC 3745-17-07 including 3745-17-07 (B) (4) & (B) (5)	Best Available Technology (BAT) for control of fugitive dust. See section A (2). Visible particulate emissions limitations for paved and unpaved roadways: See section A (2) (a) (7) and A (2) (b) (6), respectively.

2. Additional Terms and Conditions

- (b) In order to control visible particulate emissions of fugitive dust from the roadways and parking areas, this facility shall implement the following control measures:
 FOR PAVED ROADWAYS
 1. This facility shall clean the paved roads and parking areas at least once daily and more often if necessary to meet the visible emission limit in Special Term and Condition No. 2 (a) 7. The cleaning shall be performed using flushing water, vacuum sweeping with vacuum sweeping equipment which utilizes a fabric filter, or flushing and sweeping. The facility shall maintain and operate such equipment to clean the paved road and parking areas.
 2. This facility, by whatever means at its disposal, shall maintain the paved roadways within the facility free of mud or foreign material in order to prevent tracking of materials onto the road surfaces and sides of public roadways which are outside the facility.
 3. Should mud, dust, or other foreign materials be deposited onto the public roadways at the point(s) of venue to this facility, such material shall be cleaned off the public roadways on a daily basis.
 4. In order to minimize the deposition of mud or foreign materials onto public roadways from this facility, all vehicles which enter or exit the facility, and which travel on the public roadways, while in the facility, shall remain on the developed facility roadways and parking lots to the extent possible to avoid picking up mud or other materials on the vehicle tires or undercarriages.
 5. All materials which are spilled on the facility roadways shall be cleaned up promptly to avoid tracking the material.
 6. Speed zones of no more than 10 miles per hour shall be established, posted, and enforced by the owner or operator for all vehicles within the facility or facility controlled access roads.
 7. For the paved roads and parking areas, there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute observation period, with compliance to be determined using Test Method 22 as defined in OAC Rule 3745-17-03 (B) (4).
 FOR UNPAVED ROADWAYS AND PARKING LOTS
 1. The unpaved facility roadbeds shall be aggregate covered. This facility shall apply suitable dust suppressant materials as often as necessary to meet the visible particulate limitation in Special Term and Condition No. 2 (b) (6). The use of dust suppression chemicals may be supplemented by the

application of water but the use of dust suppression chemicals shall be the major method of dust control.

2. Should materials as stated in Special Term and Condition No. 2 (a) (2) be deposited onto the public roadways at the point(s) of venue to the facility, such material shall be cleaned off the public road on a daily basis.

3. In order to minimize the deposition of mud or foreign materials onto public roadways from this facility, all vehicles which enter or exit the facility, and which travel on the public roadways, while in the facility, shall remain on the developed facility roadways and parking lots to the extent possible to avoid picking up mud or other materials on the vehicle tires or undercarriages.

4. All materials which are spilled on the facility roadways shall be cleaned up promptly to avoid tracking the material.

5. Speed zones of no more than 10 miles per hour shall be established, posted, and enforced by the owner or operator for all vehicles within the facility or facility controlled access roads.

6. There shall be no visible particulate emissions from any unpaved roadway or parking lot, except for a period of time not to exceed three minutes during any sixty-minute observation period, with compliance to be determined using Test Method 22 as defined in OAC rule 3745-17-03 (B) (4).

The roadway and parking lot watering requirements described in Special Term and Condition No. 2 (b) (1) shall be waived during wet conditions and when there is sufficient moisture to prevent visible particulate emissions of fugitive dust, or, when the temperature is below 32 degrees Fahrenheit.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. This facility shall maintain the following records:
 The date and type of cleanup of any materials deposited on the public roadways;
 The date, time, method of cleaning the facility's paved roads, the portions swept, and the name of the operator responsible for the cleaning;
 The date, time when dust suppressants or water were applied to the paved and unpaved roadways and parking lots, the portions of the roadway treated, the application rate (in gallons per square yard of surface treated) of water and any chemical additives, and the operator's name responsible for the application of the dust suppressants. If water is not applied due to wet conditions or temperature, this shall be documented.
 The amount of dust suppressant chemicals purchased per year and the total amounts applied during the year.
2. These records shall be maintained at the facility in a bound logbook for a period of not less than five years and the records shall be available for review by the Director or his representative during normal business hours.

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance Methods

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):

Emission Limitation / Applicable Compliance Method

0.4 TPY PM / By calculation of PM emissions using emission factors for paved and unpaved roadways and the amounts of miles travelled.

BAT for control of fugitive dust / Follow section A (2) requirements.

Visible particulate emissions limitations for paved and unpaved roadways / Follow section 2 (a) (7) & section 2 (b) (6), respectively.

F. Miscellaneous Requirements

1. None

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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>
Material Handling Operations for the Construction & Demolition (C&D) Landfill.	PTI 15-772	0.2 TPY PM Limit of 20,200 tons and 40,400 cubic yards of C&D Material Accepted per Calendar Year. Best Available Technology (BAT) for control of fugitive dust. See Section A (2) (a) through (d).
	OAC 3745-17-07 including 3745-17-07 (B) (1)	The visible particulate emissions of fugitive dust shall not exceed twenty percent (20%) opacity as a three minute average, as per section A (2) (d).

2. Additional Terms and Conditions

(a) All vehicles hauling construction and demolition (C&D) material shall be closed, covered or tarped coming to or leaving the facility in order to minimize visible emissions of fugitive dust and to eliminate load loss. This facility shall ensure that C&D materials are deposited, spread and compacted in such a manner as to prevent visible emissions of fugitive dust.

When dumping C&D materials, the facility shall implement the following procedures:

1. Any loads which appear to contain dusty C&D material shall be watered prior to dumping of the load;
2. No dusty C&D material shall be dumped during periods of high wind speed unless it has been treated to prevent it from becoming airborne;
3. This facility shall insure that all truckloads of C&D material are unloaded in a manner which will minimize the drop height of the C&D material and be dumped as near to the point of final placement as possible; and

4. During the dumping of any load of C&D materials, in which dusty materials become airborne, the C&D materials shall be watered as necessary. During handling and stockpiling of the C&D and cover materials, the facility shall implement the following procedures:

1. Any dusty material to be stored prior to disposal, shall be watered, as necessary, or have a temporary soil cover. All exposed C&D material shall be covered with cover material by the end of each week's operation. To minimize handling of the C&D material, spreading and compacting shall occur in one operation.

2. The facility shall minimize the handling and stockpiling of cover material, except for top soil. Unvegetated cover material and soil in the waste disposal area shall be periodically wetted with water and shall be handled to minimize or eliminate visible particulate emissions of fugitive dust. The frequency and amounts of this watering shall depend on weather conditions, cover material conditions and soil conditions.

The visible particulate emissions of fugitive dust from C&D material handling and cover soil application operations described in Special Terms and Conditions No's. 2 (b) and 2 (c), shall not exceed twenty percent (20%) opacity as a three minute average, to be determined using Test Method 9 as defined in Ohio Administrative Code (OAC) rule 3745-17-03 (B).

Asbestos Requirements:

1. The facility shall not accept for disposal any NESHAP regulated Asbestos Containing Material (RACM) as defined in the NESHAP Regulation for Asbestos, 40CFR Part 61, Subpart M, section 141 amended 11/20/90 or any subsequent revisions or as defined in any Environmental Protection Agency Interpretive Rules concerning the NESHAP Regulation for Asbestos. 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."

2. For asbestos materials, this facility shall be limited to accepting :

A. Asbestos materials which contain less than or equal to one percent asbestos;

B. Category I nonfriable asbestos containing material that has not or will not be subjected to sanding, grinding, cutting, or abrading. Category I nonfriable asbestos containing material means asbestos containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos as determined using the method specified in Appendix A, subpart F, 40CFR

part 763, section 1, Polarized Light Microscopy; and

C. Category II nonfriable asbestos containing material that has not become crumbled, pulverized, or reduced to powder by the forces that acted on the material in the course of demolition and renovation operations. Category II friable asbestos containing material means all other nonfriable asbestos containing material that is not defined as Category I nonfriable asbestos containing material.

3. This facility shall ensure that any asbestos containing materials as defined in the Additional Special Terms and Conditions, No's. 2 (e) (2) (B) and 2 (e) (2) (C), shall not become friable while at the landfill. If any asbestos material arrives at or becomes friable at the landfill, this facility shall adequately wet or encapsulate it if necessary to prevent visible emissions, and shall cover it with at least six (6) inches of non asbestos containing material before the end of the operating day.

4. All terms stated in Special Terms and Condition Nos. 2 (e) (1) , 2 (e) (2), and 2 (e) (3) are defined in the NESHAP Regulation for Asbestos, 40 CFR Part 61, Subpart M, Section 141 amended 11/20/90 or any subsequent revisions or in any Environmental Protection Agency Interpretive ruling concerning the NESHAP for Asbestos.

B. Operational Restrictions

1. 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 20,200 tons of C&D material per calendar year. Based on an assumed density of 1,000 pounds per cubic yard of as received material, the facility shall be limited to accepting no more than 40,400 cubic yards per year.

C. Monitoring and/or Record Keeping Requirements

1. A record of water applications required in Additional Terms and Conditions No's. 2 (b) and 2 (c) shall be maintained at the facility site in a bound logbook for a period of not less than 3 years and shall be made available to the Director or any authorized representative of the Director, for review during normal business hours.
This facility shall maintain records of either the volume of material received per day on an as received basis or the tons of material received per day. The records shall be maintained in a bound logbook for a period of not less than three years and the records shall be available for review by the Director or his representative during normal business hours.

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance Requirements

Compliance with the emission limitations in Section A (1) of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation / Applicable Compliance Method

0.2 TPY PM / By calculation of PM emissions using the emission factor of 0.03 Lb of PM emissions per ton of waste handled and the tons of waste handled per year.

20, 200 ton annual limit / Recordkeeping per section C (1) (b).

BAT for control of fugitive dust / Follow Section A (2) (a) through (d) requirements.

Visible particulate emissions limit / Follow section A (2) (d).

F. Miscellaneous Requirements

1. There shall be no open burning in violation of Ohio Administrative Code 3745-19 at this facility.
2. Authority to Enter

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.