

Facility ID: 1431084025 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: 1431084025 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>
F002 - Construction and Demolition Debris Material Handling	OAC rule 3745-31-05(A)(3) (PTI 14-4753)	Particulate emissions shall not exceed 0.094 lb/day and 0.017 TPY. Particulate matter emissions less than 10 microns in diameter shall not exceed 0.044 lb/day and 0.008 TPY.
	OAC rule 3745-17-07(B)	See Sections B.2 through B.9.
	OAC rule 3745-17-08(B)	See term A.2.a. See Section B.1.

2. Additional Terms and Conditions

- (a) Visible particulate emissions of fugitive dust shall not exceed 20% opacity as a three-minute average. The daily emission limitations outlined above are based upon the emissions unit's potential to emit. Therefore, no daily records are required to demonstrate compliance with these limits.

B. Operational Restrictions

1. All vehicles hauling construction and demolition (C&D) material shall be closed, covered, or tarped coming to the facility in order to minimize visible emissions of fugitive dust and to eliminate load loss.
2. The permittee shall ensure that solid wastes are deposited, spread, and compacted in such a manner as to minimize or prevent visible emissions of dust. All truckloads of solid waste shall be unloaded in a manner which will minimize the drop height of the solid wastes. Any dusty materials or wastes likely to become airborne shall be watered as necessary prior to or during dumping operations in order to minimize or eliminate visible emissions of fugitive dust. Watering shall be conducted in such a manner as to avoid the pooling of liquids and runoff. 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.
3. Materials shall be unloaded as near to the point of final placement as possible to minimize handling.
4. Dusty material to be stored prior to disposal shall be watered as necessary or have a temporary soil cover to minimize visible particulate emissions.
5. Spreading and compacting of material shall occur in one operation to minimize handling and visible particulate emissions of fugitive dust.
6. The volume of cover material stockpiled at the facility shall be minimized to reduce handling and visible particulate emissions of fugitive dust.
7. This facility 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 November 20, 1990 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, this facility shall not accept for disposal any Category II nonfriable asbestos containing material. For asbestos material, this facility shall be limited to

accepting Category I nonfriable asbestos containing material, which has not or will not be subjected to sanding, cutting, grinding, or abrading and shall not become friable during processing at the landfill. Any asbestos containing material that is or becomes friable is subject to the NESHAP regulation cited above. During the processing of any such material, OSHA workplace standards for asbestos processing shall be followed. All definitions for this term are provided in 40 CFR 61.141 amended November 20, 1990 or any subsequent revisions.

8. This facility shall be limited to accepting only construction and demolition debris as defined in Ohio Revised Code (ORC) 3714.01(C), and consistent with ORC 3714.06, exempt waste in accordance with DSW Policy 0400.007 and solid waste pursuant to OAC rule 3745-400-11(F)(3).
9. The maximum annual amount of material received at this facility shall not exceed 146,000 Tons.
10. There shall be no open burning in violation of Ohio Administrative Code (OAC) rule 3745-19 at this landfill site.

C. Monitoring and/or Record Keeping Requirements

1. The facility shall maintain monthly records of the volume of material received for disposal.
2. The permittee shall maintain records of the dates and times of water application required in the above terms and conditions for material handling.

D. Reporting Requirements

1. The permittee shall submit annual reports to the Hamilton County Department of Environmental Services which summarize the amount of material received for disposal. These reports shall be submitted 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:

Particulate emissions shall not exceed 0.094 lb/day and 0.017 TPY.

Particulate matter emissions less than 10 microns in diameter shall not exceed 0.044 lb/day and 0.008 TPY.

Applicable Compliance Method:

The daily emissions were determined by multiplying the maximum daily tons of material received by the emission factor from AP-42 Section 13.2.4. The annual emissions were determined by multiplying the annual tons of material handled by the emission factor from AP-42 Section 13.2.4 then divided by 2000 pounds/ton.

b. Emission Limitation:

Visible particulate emissions of fugitive dust shall not exceed 20% opacity as a three-minute average.

Applicable Compliance Method:

Compliance shall be determined in accordance with U.S. EPA Method 9, with the following modifications:

- a. the data reduction and average opacity calculation shall be based upon sets of twelve consecutive visible emission observations recorded at 15-second intervals;
- b. opacity observations shall be made from a position that provides the observer a clear view of the emissions unit and the fugitive dust, with the sun behind the observer;
- c. where possible, visible opacity observations shall be conducted at a position of at least fifteen feet from the source of emissions; and
- d. the visible opacity observations shall be made for the point of highest opacity within the fugitive dust emitted from the source.

F. Miscellaneous Requirements

1. If probable cause exists indicating the unit is causing or contributing to a nuisance in violation of OAC rule 3745-15-07, the permittee shall be required to submit and implement a control program which will bring this unit into compliance.