

Facility ID: 1431093699 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: 1431093699 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 of clean hard fill	OAC rule 3745-31-05(A)(3) (PTI 14-4526)	1.25 lbs of particulate emission (PE)/hr, 1.83 tons per year (TPY) of PE; 0.63 lb of particulate matter less than 10 micron (PM-10)/hr, 0.92 TPY of PM-10
	OAC rule 3745-17-07(B)(1)	See section A.2.a below. Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a three-minute average.
	OAC rule 3745-17-08(B)	Same as or less stringent than the control measures established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The material handling operations that are covered by this permit and subject to the requirements of OAC rules 3745-17-07, 3745-17-08, and 3745-31-05 are listed below:
 - solid wastes deposited, spread, and compacted
The permittee shall employ best available control measures for the above-identified material handling operations for the purpose of ensuring compliance with the above-mentioned applicable requirements:
 - material handling operations:
 - solid wastes deposited, spread, and compacted
 - control measures:

The permittee shall ensure that solid wastes are deposited, spread, and compacted in such a manner as to minimize or eliminate visible particulate emissions of fugitive dust. All truckloads of solid waste shall be unloaded in a manner that 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 particulate 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. 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 measures 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 measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material handling operations until further observation confirms that use of the control measures is unnecessary.

Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rules 3745-17-08 and 3745-31-05.

B. Operational Restrictions

1. The permittee shall accept for disposal only clean hard fill, as defined in OAC rule 3745-400-01(E).

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 in accordance with the following minimum frequencies:
 - material handling operations minimum inspection frequency
 - solid wastes deposited, spread, and compacted 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 Hamilton County Department of Environmental Services, modify the above-mentioned inspection frequency 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 quarter 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.
5. The permittee shall keep monthly records which summarize the following information for this emissions unit:
 - a. the total amount of fill material handled, in tons; and
 - b. the total hours of operation.

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 in Section A.1 shall be determined in accordance with the following methods:

Emission Limitation:

20% opacity for fugitive dust, as a 3-minute average

Applicable Compliance Method:

Compliance shall be determined in accordance with Test Method 9 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)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.
2. Emission Limitation:

1.25 lbs of PE/hr, 1.83 TPY of PE;
0.63 lb of PM-10/hr, 0.92 TPY of PM-10

Applicable Compliance Method:

Emissions shall be calculated and compliance determined by using the following equations:

$$\text{lbs/hr of PE} = A \times C \times (0.50)$$

$$\text{lbs/hr of PM-10} = A \times C \times D \times (0.50)$$

$$\text{tons/yr of PE} = B \times C \times (0.50) \times (0.0005)$$

$$\text{tons/yr of PM-10} = B \times C \times D \times (0.50) \times (0.0005)$$

where

A = amount of material handled, tons per hour
 B = amount of material handled, tons per year
 C = emission factor, calculated from USEPA reference document AP-42, Section 13.2.4, Equation 1 (January, 1995), in pounds per hour
 D = 0.50 (assuming PM-10 is 50% of PE)
 (0.50) = fractional control efficiency for wet suppression

F. Miscellaneous Requirements

1. There shall be no open burning in violation of OAC Chapter 3745-19 at this facility.