

Facility ID: 1576001801 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 F003](#)

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

Facility ID: 1576001801 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>
Gravel covered plant roadways and paved roadway from the public street to the scales; associated with the aggregate processing plant, emissions unit F003.	PTI #15-1150	Visible particulate emissions limits: See the Additional Terms and Conditions. See the Additional Terms and Conditions.

2. **Additional Terms and Conditions**
 - (a) For the unpaved roadways and parking areas, there shall be no visible particulate emissions except for a period of time not to exceed three minutes during any sixty-minute observation period. For the paved roadway there shall be no visible particulate emissions except for a period of time not to exceed one minute during any sixty-minute period. 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. The permittee shall sweep the paved roadway to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic. The sweeping shall not be performed by dry sweeping without vacuum pick-up. The paved surfaces shall be swept at a frequency such that fugitive dust emissions from the paved roadway are minimized or eliminated. The permittee shall not be required to sweep during wet conditions when there is sufficient moisture to prevent visible particulate emissions of fugitive dust. Open bodied vehicles transporting materials likely to become airborne shall be covered at all times. A maximum speed limit of fifteen (15) miles per hour shall be posted and enforced on the property. 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 may be used as the dust suppressant and it shall be applied to the unpaved surfaces on an as-needed basis. This term and condition shall be waived during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust or when the temperature is too low to allow effective watering.

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 paved roadway:
 - (a) The date the paved surfaces were swept.
 - (b) The portions of the paved surfaces that were swept.
 - (c) The name of the equipment operator responsible for the sweeping.
2. The permittee shall maintain records which include the following information for the unpaved roadways and parking areas:
 - (a) The date water was applied to the unpaved surfaces.
 - (b) The portions of unpaved surfaces that were treated with water.

- (c) The name of the equipment operator responsible for the application of the water.
- D. **Reporting Requirements**
- 1. None
- E. **Testing Requirements**
- 1. Compliance Methods
 - Compliance with the emissions limitation(s) in Section A of these Special Terms and Conditions shall be determined in accordance with the following method(s):
 - Emission Limitation / Applicable Compliance Method
 - Visible particulate emissions limits for paved and unpaved roads and parking lots / Method 22 pursuant to OAC rule 3745-17-03(B)(4).
- F. **Miscellaneous Requirements**
- 1. None

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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>
700 TPH (maximum production rate) sand and gravel processing plant with primary and secondary crushing and screening and recrushing and rescreening for gravel; screening for sand; water is applied in the recrushing and rescreening operation.	PTI #15-1150 40 CFR Part 60 Subpart OOO OAC 3745-17-07 including 3745-17-07 (B) (1)	30.51 TPY PM NSPS watering requirements and opacity limits; See Additional Term and Condition 2.a. There shall be no visible particulate emissions from any suboperation of the aggregate processing plant (operations other than rock crushing, conveying and material transfer) in excess of twenty percent (20%) opacity as a three minute average.

- 2. **Additional Terms and Conditions**
 - (b) NSPS Watering Requirements & Opacity Limits
 - (a) The aggregates being processed by this plant shall be kept sufficiently wet so that there are no violations of the opacity limits found in 40 CFR Part 60 Subpart OOO.
 - (b) There shall be no visible emissions generated from the rock crushing operations of greater than fifteen percent (15%) opacity.
 - (c) There shall be no visible emissions generated from the conveying and material transfer operations of greater than ten percent (10%) opacity.

B. Operational Restrictions

- 1. This facility shall not process more than 6,132,000 tons of geologic material in this emissions unit per calendar year.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain monthly records of the amount of geologic material processed.

D. Reporting Requirements

1. The permittee shall submit annual reports by January 31 of each year of the amount of geologic material processed in this emissions unit in the previous calendar year. The reports shall be submitted to the Canton City Health Department, Air Pollution Control Division, 420 Market Avenue North, Canton, Ohio 44702.

E. Testing Requirements

1. Compliance Methods and Testing Requirements

Compliance with the emissions limitation(s) in sections A 1 and A 2 of these special terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation / Applicable Compliance Method

- (a) Visible emissions limitations / Method 9 pursuant to OAC rule 3745-17-03(B)(1).
- (b) No more than 6,132,000 tons of geologic material may be processed per year / Record-keeping requirements.
- (c) 30.51 TPY PM / Multiply the sum of the AP-42 emission factors (AP-42 Table 11.14.2-2) for the operation [(0.00672 Lb PM/ton processed for screening with wet suppression) + (0.00256 lb PM /ton processed for two primary and secondary crushing operations) + (0.00672 lb PM/ton processed for six conveyor points with wet suppression)] times the number of tons of geologic material processed per year (from the record-keeping requirements) divided by 2000 lbs per ton to obtain the tons per year of PM emitted. The calculated value of tons of PM must be less than or equal to 30.51 TPY PM for compliance to be demonstrated.

F. Miscellaneous Requirements

1. None