

Facility ID: 1431073517 Issuance type: Final State Permit To Operate

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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: 1431073517 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>
Paved Roadways and Parking Areas (see Section A.2.a)	OAC rule 3745-31-05(A)(3) (14-2793)	No visible particulate emissions except for one minute during any 60-minute period.
	OAC rule 3745-17-07(B)(4) OAC rule 3745-17-08(B), (B)(8), (B)(9)	Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. (see Sections A.2.a, A.2.c and A.2.e through A.2.i) Less stringent than OAC rule 3745-31-05(A)(3). (see Sections A.2.e through A.2.i)
Unpaved Roadways and Parking Areas (see Section A.2.b)	OAC rule 3745-31-05(A)(3) (PTI 14-02793)	No visible particulate emissions except for 3 minutes during any 60-minute period.
	OAC rule 3745-17-07 (B)(5) OAC rule 3745-17-08 (B), (B)(2)	Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. (see Sections A.2.b, A.2.d through A.2. j) Less stringent than OAC rule 3745-31-05(A)(3). (see Sections A.2.e through A.2.j)
Paved and Unpaved Roadways and Parking Areas	OAC rule 3745-31-05 (A)(3) (PTI 14-02793)	6.36 tons/year of fugitive particulate emissions.
	OAC rule 3745-15-07	2.25 tons/year of fugitive particulate matter of 10 microns or less (PM10). (see term F.1)

2. Additional Terms and Conditions

- (a) The paved roadways and parking areas that are covered by this permit and subject to the requirements of OAC rule 3745-31-05(A)(3) are listed below:
 - paved roadways:
 - all
 - paved parking areas:
 - all
 The unpaved roadways and parking areas that are covered by this permit and subject to the requirements of OAC rule 3745-31-05(A)(3) are listed below:
 - unpaved roadways:
 - all
 - unpaved parking areas:

all

The permittee shall employ best available control measures on all paved 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 paved roadways and parking areas with water or any other suitable dust suppression chemicals at least once daily and more often if necessary. The spray system shall not cause adverse impacts to any natural water course either directly or indirectly via storm sewers. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

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 cover roadbeds with aggregate, unless paved and treat the unpaved roadways and parking areas with suitable dust suppression chemicals as often as necessary. 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. The use of dust suppression system shall not cause adverse impacts to any natural water course either directly or indirectly via storm sewers. 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 a paved or 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.

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.

The permittee shall ensure that all vehicles which enter or exit the facility and which travel the public roadways shall remain on the developed facility roadways and parking areas to the extent possible while in the facility to avoid picking up mud or other materials on the vehicle tires or undercarriages.

The permittee shall establish speed zones of no more than five miles per hour (5 mph). These shall be posted and enforced by the owner or operator for all vehicles within the facility or facility-controlled access roads.

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 with the control measure(s) specified above 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 the visible emission limitation for paved roadways and parking areas.

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 roadways and parking areas in accordance with the following frequencies:

paved roadways and parking areas minimum inspection frequency

All Daily

unpaved roadways and parking areas minimum inspection frequency

All 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 week.
3. The permittee may, upon receipt of written approval from the Hamilton County Department of Environmental Services, 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 the following records:
- 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,
 - the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures,
 - the dates of cleanup and the types of any materials deposited on the public roadways,
 - the dates, times, and methods of cleaning the public roadways and the facility's paved roads,
 - the dates and times when dust suppressants or water is applied to paved and unpaved roadways and parking areas,
 - 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 not to require the control measures,

g. the amount of dust suppressant chemicals purchased per year and the total amounts applied during the year.

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, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation and
 - b. each instance when a control measure, that was to be implemented 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 limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation:

Visible particulate emission limitations

Applicable Compliance Method:

Compliance with the visible particulate emission limitation for the paved and 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.
2. Emissions calculations for paved and unpaved roadways and parking areas were made using AP-42 13.2.1 dated 10/97 for paved roads and 13.2.2 for unpaved roads dated 9/98.

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.