

Facility ID: 1409000253 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: 1409000253 Emissions Unit ID: F004 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>
350 TPH dry bank mining operation	OAC rule 3745-31-05 (PTI 14-4648)	10.1 lbs of particulate (PM)/hr* 13.3 TPY of PM 0.7 lb of PM10/hr* 1.28 TPY of PM10

* The hourly emission limitations are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limits.

See section A.2. below.

2. **Additional Terms and Conditions**
 - (a) Visible particulate emissions of fugitive dust from the dry bank mining operation shall not exceed 20% opacity, as a 3-minute average.

B. Operational Restrictions

1. The maximum annual overburden material removal rate from the dry bank mining operation shall not exceed 73,000 tons per year.
2. The maximum annual sand and gravel removal rate from the dry bank mining operation shall not exceed 1,050,000 tons per year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records, in tons, of the amount of overburden material removed in the dry bank mining operation.
2. The permittee shall maintain monthly records, in tons, of the amount of sand and gravel removed in the dry bank mining operation.

D. Reporting Requirements

1. The permittee shall submit annual reports that identify any exceedances of the annual overburden material removal rate limitation in section B.1. of these terms and conditions, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit annual reports that identify any exceedances of the annual sand & gravel removal rate limitation in section B.2. of these terms and conditions, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation: 20% opacity, 3-minute average

Applicable Compliance Method: Compliance shall be determined in accordance with Test Method 9 as set forth in "Appendix A" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such appendix existed on July 1, 1996, except that the averaging period shall be 3 minutes.

Emission Limitation:
10.1 lbs of PM/hr*
0.7 lb of PM10/hr*

Applicable Compliance Method:

Compliance shall be determined by multiplying the actual hourly production rates from the overburden removal, mineral removal, truck loading, and reclamation operations by the appropriate RACM emission factors from Sections 2.1.4 and 2.18 and adding the results.

Based on RACM Section 2.1.4, the PM10 emissions shall be 7% of the PM emissions.

Emission Limitation:
13.3 TPY of PM
1.28 TPY of PM10

Applicable Compliance Method:

Compliance shall be determined by multiplying the actual annual production rates from the overburden removal, mineral removal, truck loading, and reclamation operations by the appropriate RACM emission factors from Sections 2.1.4 and 2.18 and adding the results to the emissions calculated through Equation 1 of RACM Section 2.1.4 for wind erosion.

Based on RACM, the PM10 emissions shall be 7% of the PM emissions.

2. Compliance with the operational restrictions in sections B.1. and B.2. of these terms and conditions shall be determined by the recordkeeping performed pursuant to sections C.1. and C.2. of these terms and conditions.

F. **Miscellaneous Requirements**

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