



Environmental  
Protection Agency

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korleski, Director

8/10/2010

Mr. Jeff Malbin  
Bencin Material Handling and Disposal Services Inc.  
2636 Brecksville Rd  
Richfield, OH 44286

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE  
Facility ID: 1677000616  
Permit Number: P0106618  
Permit Type: Initial Installation  
County: Summit

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
No	FEDERALLY ENFORCABLE PTIO (FEPTIO)

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. Please complete a survey at [www.epa.ohio.gov/dapc/permitsurvey.aspx](http://www.epa.ohio.gov/dapc/permitsurvey.aspx) and give us feedback on your permitting experience. We value your opinion.

The issuance of this PTI is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Kevin Boyce," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
309 South Fourth Street, Room 222  
Columbus, OH 43215

If you have any questions, please contact Akron Regional Air Quality Management District at (330)375-2480 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPC Web page, [www.epa.ohio.gov/dapc](http://www.epa.ohio.gov/dapc), by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

*Michael W. Ahern*  
Michael W. Ahern, Manager  
Permit Issuance and Data Management Section, DAPC

Cc: ARAQMD





**FINAL**

**Division of Air Pollution Control  
Permit-to-Install and Operate  
for  
Bencin Material Handling and Disposal Services Inc.**

Facility ID: 1677000616  
Permit Number: P0106618  
Permit Type: Initial Installation  
Issued: 8/10/2010  
Effective: 8/10/2010  
Expiration: 8/10/2020





Division of Air Pollution Control
Permit-to-Install and Operate
for
Bencin Material Handling and Disposal Services Inc.

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## Authorization

Facility ID: 1677000616  
Application Number(s): A0039830  
Permit Number: P0106618  
Permit Description: PTIO for new installation of mulch facility consisting of two portable grinders, screener, mulch coloring machine and the associated rodways, storage piles and material handling equipment.  
Permit Type: Initial Installation  
Permit Fee: \$3,900.00  
Issue Date: 8/10/2010  
Effective Date: 8/10/2010  
Expiration Date: 8/10/2020  
Permit Evaluation Report (PER) Annual Date: Oct 1 - Sept 30, Due Nov 15

This document constitutes issuance to:

Bencin Material Handling and Disposal Services Inc.  
2636 Brecksville Rd  
Richfield, OH 44286

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Akron Regional Air Quality Management District  
146 South High Street, Room 904  
Akron, OH 44308  
(330)375-2480

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski  
Director



## Authorization (continued)

Permit Number: P0106618  
Permit Description: PTIO for new installation of mulch facility consisting of two portable grinders, screener, mulch coloring machine and the associated rodways, storage piles and material handling equipment.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

- Emissions Unit ID: F001**  
Company Equipment ID: Parking Area  
Superseded Permit Number:  
General Permit Category and Type: Not Applicable
- Emissions Unit ID: F002**  
Company Equipment ID: Storage Piles  
Superseded Permit Number:  
General Permit Category and Type: Not Applicable
- Emissions Unit ID: P901**  
Company Equipment ID: Murbark 1300 tub grinder  
Superseded Permit Number:  
General Permit Category and Type: Not Applicable
- Emissions Unit ID: P902**  
Company Equipment ID: TREX 2860 Grinder  
Superseded Permit Number:  
General Permit Category and Type: Not Applicable
- Emissions Unit ID: P903**  
Company Equipment ID: McClouskey 512 Trommel screener  
Superseded Permit Number:  
General Permit Category and Type: Not Applicable
- Emissions Unit ID: P904**  
Company Equipment ID: Cheetah cub mulch coloring machine  
Superseded Permit Number:  
General Permit Category and Type: Not Applicable

## **A. Standard Terms and Conditions**

**1. What does this permit-to-install and operate ("PTIO") allow me to do?**

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

**2. Who is responsible for complying with this permit?**

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

**3. What records must I keep under this permit?**

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

**4. What are my permit fees and when do I pay them?**

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

**5. When does my PTIO expire, and when do I need to submit my renewal application?**

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.



If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

**6. What happens to this permit if my project is delayed or I do not install or modify my source?**

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

**7. What reports must I submit under this permit?**

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

**8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?**

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

**9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?**

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

**10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?**

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Akron Regional Air Quality Management District in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that

exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

**11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?**

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

**12. What happens if one or more emissions units operated under this permit is/are shut down permanently?**

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting<sup>1</sup> a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

**13. Can I transfer this permit to a new owner or operator?**

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

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<sup>1</sup> Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

**14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?**

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

**15. What happens if a portion of this permit is determined to be invalid?**

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

## **B. Facility-Wide Terms and Conditions**

1. 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).
  - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
    - (1) None.
  - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
    - (1) None.

## **C. Emissions Unit Terms and Conditions**



1. F001, Parking Area

Operations, Property and/or Equipment Description:

Plant Roadways and Parking Area

a) 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.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Table with 2 columns: Applicable Rules/Requirements and Applicable Emissions Limitations/Control Measures. Row a: Unpaved Roadways, OAC rule 3745-31-05(A)(3). Row b: Paved Roadways, OAC rule 3745-31-05(A)(3).



(2) Additional Terms and Conditions

- a. 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.
b. 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.
c. 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.
d. Any unpaved roadway or parking area that is subsequently paved, will become subject to the requirements of a paved roadway
e. 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.
f. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, the permittee shall perform inspections of each of the roadway segments and parking areas in accordance with the following frequencies:

Table with 2 columns: unpaved roadways and parking areas, minimum inspection frequency. Row 1: all roads and parking areas, 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 shall maintain records of the following information:
- 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 the control measures were implemented; and
  - 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 to not require the control measures.

The information required in d)(3)d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

e) Reporting Requirements

- (1) The permittee shall submit deviation reports that identify any of the following occurrences:
- 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
  - 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 Standard Terms and Conditions of this permit.

f) Testing Requirements

- (1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:
- Emission Limitations:  
7.4 tons/year of fugitive PM10  
25.2 tons/year of fugitive PE

Applicable Compliance Method:

Compliance with fugitive PE and PM10 limitations shall be determined by using the emission factor equations in Section 13.2.2, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 12/03) for unpaved roadways. Should further updates in AP-42 occur, the most current equations for unpaved roads shall be used. These emission limits in the General Permit were based on a maximum of 120,000 vehicle miles traveled per year, and a 95 % control efficiency for PE and PM10.

b. Emission Limitation:

No visible PE from unpaved roadways and parking areas except for a period of time not to exceed 3 minutes during any 60-minute observation period.

No visible PE from paved roadways and parking areas except for a period of time not to exceed one minute during any 60-minute observation period.

Applicable Compliance Method:

If required, compliance with the visible PE limitation listed 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").

g) Miscellaneous Requirements

- (1) None.



2. F002, Storage Piles

Operations, Property and/or Equipment Description:

Storage Piles

- a) 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.
b) Applicable Emissions Limitations and/or Control Requirements
(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Table with 2 columns: Applicable Rules/Requirements, Applicable Emissions Limitations/Control Measures. Row a: OAC rule 3745-31-05(A)(3), 5.9 tons/year of fugitive particulate matter of 10 microns or less (PM10), 13.1 tons/year of fugitive particulate emissions (PE), no visible PE except for one minute during any 60-minute period, best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust (See b)(2)a. through b)(2)e.). Row b: (Empty)

- (2) Operational Restrictions
a. The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring

compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to maintain minimal drop heights for stackers and front-loaders, and chemical stabilization/dust suppressants and/or watering/sprinkling systems at sufficient treatment frequencies to ensure compliance.

The operator shall avoid dragging any front-end loader bucket along the ground. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- b. The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.
- c. The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the application, the permittee has committed to perform one or more of the following: (chemical stabilization, watering/sprinkling systems/hoses, covering the storage piles) to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- d. The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile 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.
- e. 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 rule 3745-31-05(A)(3).

c) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:

<u>storage pile identification</u>	<u>minimum load-in inspection frequency</u>
all	daily

- (2) Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile in accordance with the following frequencies:



storage pile identification minimum load-out inspection frequency
all daily

(3) Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:

storage pile identification minimum wind erosion inspection frequency
all daily

(4) No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity 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.

(5) The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile, and wind erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.

(6) The permittee shall maintain records of the following information:
a. 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;
b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
c. the dates the control measures were implemented; and
d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

(7) The information required in d)(6)d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

d) Reporting Requirements

(1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation



report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number b) (2) above:

- 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.

e) Testing Requirements

(1) Compliance with the emission limitations in b)(1) of the terms and conditions of this permit shall be determined in accordance with the following methods:

a. Emissions Limitations:

5.9 tons/year of fugitive PM10

12.0 tons/year of fugitive PE

Applicable Compliance Method:

Compliance with fugitive PE limitations shall be determined by using the emission factor equations in Sections 13.2.4 and 13.2.5, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 1/95), for load-in operations, load-out operations, and wind erosion. These emission limits in the General Permit were based on a maximum production of 3,000,000 tons per year, a maximum storage surface area greater than 6 acres but less than or equal to 15 acres, and a 95 % overall control efficiency for PE and PM10.

b. Emission Limitation:

There shall be no visible PE except for a period of time not to exceed one minute in any 60-minute observation period.

Applicable Compliance Method:

Compliance with the visible PE limitations for the storage piles 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").

f) Miscellaneous Requirements

(1) None.



3. P901, Murbark 1300 tub grinder

Operations, Property and/or Equipment Description:

Portable tub grinder

a) 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.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	Particulate emissions (PE) shall not exceed 13.13 lbs/hr and 9.2 tons/yr from tub-grinding, material loading and material unloading.  0.44 lbs/hr PE, and 0.31 ton/yr PE from diesel exhaust  Particulate emissions 10 microns or less in diameter (PM10) shall not exceed 7.8 Lbs/hr and 5.5 tons/yr from tub-grinding, material loading and material unloading (estimated to be 60% total PE).  Visible emissions of fugitive dust shall not exceed 10 percent opacity as a three-minute average.  7.6 lbs/hr /NO <sub>x</sub> , and 5.32 tons/yr NO <sub>x</sub>



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		9.7 lbs/hr/ CO, and 6.79 tons/yr  2.02 lbs/hr SO <sub>2</sub> , and 1.41 tons/yr SO <sub>2</sub>  1.1 lbs/hr VOC, and 0.77 ton/yr VOC
b.	OAC rule 3745-31-05(C), as effective 12/1/06	See b)(2)c.
c.	OAC rule 3745-17-07(B)(1)	Visible emissions of fugitive dust shall not exceed 20 percent opacity as a three-minute average.
d.	OAC rule 3745-17-08(A)	See b)(2)d., b)(2)e., and b)(2)f.

(2) Additional Terms and Conditions

- a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutant less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.
- b. Compliance with OAC rule 3745-31-05(A)(3) has been determined to be compliance with the particulate emissions limitations and opacity limitation listed in b)(1)a. and the throughput limitation in c)(1).
- c. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

Permit to Install and Operate P0106618 for this air contaminant source takes into account the following voluntary restrictions (including the use of any applicable air pollution equipment) as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3):

PE and PM10 emissions shall not exceed 9.5 tons/yr from this emission unit based on the operational limitation in c)(1).

- d. The permittee shall employ best available control measures for the tub grinder, and the loading and unloading activities associated with the tub grinder for the



purpose of ensuring compliance with the visible particulate emissions requirement. The permittee shall employ water on an 'as needed' basis to ensure compliance.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

e. The above-identified control measure(s) 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 measure(s) is(are) necessary to ensure compliance with the visible particulate emissions requirement. Any required implementation of the control measure(s) shall continue until further observation confirms that use of the control measure(s) is unnecessary.

f. 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.

Fugitive visible particulate emissions from the tub grinder and the loading and unloading activities associated with the tub grinder and material handling shall not exceed 20% opacity, as a three-minute average.

c) Operational Restrictions

(1) The maximum annual operating limit for this grinder shall not exceed 1,400 hours per rolling 12-month period.

d) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, the permittee shall perform inspections of the grinding and material handling operations in accordance with the following frequencies:

Table with 2 columns: grinding and material handling operation, minimum inspection frequency. Row 1: tub grinder and material handling weekly equipment, Daily, when the grinder, and/or MHE is in operation.

(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 operating conditions. No inspection shall be necessary for this material handling operation if the material used in this operation 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.

(3) The permittee may, upon receipt of written approval from the Akron Regional AQMD, 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 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 measures;
  - c. the dates the control measures were implemented; and
  - d. on a calendar quarter basis, the total number of days the control measures were implemented.

The information required in d)(4) shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

- (5) The permittee shall maintain monthly records of the following information:
- a. the monthly operation of this emissions unit in hours.

e) **Reporting Requirements**

- (1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (2) The permittee shall submit deviation reports in the PER 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.
  - b. Each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

f) **Testing Requirements**

- (1) Compliance with the emission limitation(s) in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following method(s):
  - a. For horizontal Grinding operation:

Emission Limitations:

Particulate emissions (PE) shall not exceed 13.2 lbs/hr and 9.5 tons/yr from tub-grinding, material loading and material unloading. Tub-grinding PE is calculated to be 13.1 lbs/hr and 0.66 tons per year. PM10 emissions are assumed to be 60% of PE.

Applicable Compliance Method:

The hourly PE emission limitations are based upon the emissions unit's maximum hourly throughput and were established by the following methodology:

$$\text{pounds of PE emissions} = (A) \times (B) \times (1-C);$$

where:

A = PE emission factor, lb/ton, as found in RACM Table 2.17-1 for wood sawing / grinding (0.35 lb PM per ton). One cubic yard of material = one ton.

B = maximum hourly throughput of 37.5 tons.

$$0.35 \text{ lb/ton} \times 37.5 \text{ tons/hr} = 13.13 \text{ lb/hr.}$$

The annual PE emission limitations are based upon the emissions unit's maximum annual throughput and were established by the following methodology:

$$\text{tons of PE emissions} = (A) \times (B) \times (1/ 2000);$$

where:

A = PE emission factor, lb/ton, as found in RACM Table 2.17-1 for wood sawing / grinding (0.35 lb PM per ton). One cubic yard of material = one ton.

B = maximum annual operating rate 1400 hours per rolling 12-month period.

$$PE = 13.13 \frac{\text{lbs}}{\text{hr}} \times 1,400 \frac{\text{hrs}}{\text{yr}} \times \frac{1 \text{ ton}}{2000 \text{ lbs}} = 9.2 \frac{\text{tons}}{\text{yr}}$$

- b. Visible emissions from tub-grinding, loading or unloading:

Emission Limitation:

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

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

- c. Emission Limitation:

7.6 lbs/hr /NO<sub>x</sub>, and 5.32 tons/yr NO<sub>x</sub>

9.7 lbs/hr/ CO, and 6.79 tons/yr

2.0 lbs/hr SO<sub>2</sub>, and 1.41 tons/yr SO<sub>2</sub>

1.1 lbs/hr VOC, and 0.77 ton/yr VOC

Applicable Compliance Method:

Compliance shall be determined through the manufacture's emission factor (John Deere 500 HP Diesel Engine)

g) Miscellaneous Requirements

(1) At the discretion and following the approval of the Director, the permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) providing the appropriate notification and exemption requirements have been met. The Director may issue a "Notice of Site Approval" through either of the following scenarios:

- a. If future location(s) of the proposed portable source are unknown, the approval to relocate the portable source shall be in accordance with OAC rule 3745-31-03(A)(1)(p)(i) and the following criteria shall be met:
  - i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
  - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
  - iii. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation;
  - iv. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance in violation of OAC rule 3745-15-07 and that the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site; and
  - v. the Director has issued a "Notice of Site Approval", stating that the proposed site is acceptable under OAC rule 3745-15-07 and the relocation will not result in the installation of a major stationary source or a modification of an existing major stationary source.

The portable source can be relocated upon receipt of the Director's "Notice of Site Approval" for the site; **or**

- b. Pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the Director may issue a "Notice of Site Approval" for any pre-disclosed location(s) if the portable source meets the requirements of OAC rule 3745-31-05(E), as follows:

- i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
- ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
- iii. the permittee has identified the proposed site(s) to the permitting District Office or local air agency;
- iv. the permitting District Office/local air agency and the District Office/Local air agency having jurisdiction over the new site have determined that the portable source will have an acceptable environmental impact at the proposed site(s);
- v. a public notice, meeting the requirements OAC rule 3745-47, is published in the county where the proposed site(s) is/are located;
- vi. the owner of the proposed site(s) (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site(s); and
- vii. the permittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

The portable source can be relocated upon receipt of the Director's "Notice of Site Approval" for the site. Any site approval(s) issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal. Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

- (2) If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01, the permittee shall submit an application and obtain a PTI for the new location prior to moving the portable source.

When a portable source is located at a stationary source or at a site with multiple portable sources, the potential emissions of the portable source may be required to be added to that of the facility, in order to determine the potential to emit for Title V and PSD applicability. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745- 77-01, must also meet all applicable requirements under the Title V program contained in OAC rule 3745-77, which may include the requirement to apply for a Title V permit.

- (3) The "Notice of Intent to relocate" shall be submitted to the Ohio EPA District Office or local air agency responsible for issuing the permits for the portable source. Upon receipt of the notice, the permitting office shall notify the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Failure to submit said notification



or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.



4. P902, TREX 2860 Grinder

Operations, Property and/or Equipment Description:

Portable Horizontal mulch grinder

a) 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.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Table with 2 columns: Applicable Rules/Requirements and Applicable Emissions Limitations/Control Measures. Row a: OAC rule 3745-31-05(A)(3), as effective 11/30/01. Control measures include particulate emissions (PE) limits, diesel exhaust limits, PM10 limits, and NOx limits.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		9.7 lbs/hr/ CO, and 6.79 tons/yr  2.02 lbs/hr SO <sub>2</sub> , and 1.41 tons/yr SO <sub>2</sub>  1.2 lbs/hr VOC, and 0.77 ton/yr VOC
b.	OAC rule 3745-31-05(C), as effective 12/1/06	See b)(2)c.
c.	OAC rule 3745-17-07(B)(1)	Visible emissions of fugitive dust shall not exceed 20 percent opacity as a three-minute average.
d.	OAC rule 3745-17-08(A)	See b)(2)d., b)(2)e., and b)(2)f.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutant less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

b. Compliance with OAC rule 3745-31-05(A)(3) has been determined to be compliance with the particulate emissions limitations and opacity limitation listed in b)(1)a. and the throughput limitation in c)(1).

c. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

Permit to Install and Operate P0106618 for this air contaminant source takes into account the following voluntary restrictions (including the use of any applicable air pollution equipment) as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3):

PE and PM10 emissions shall not exceed 9.5 tons/yr from this emission unit based on the operational limitation in c)(1).

d. The permittee shall employ best available control measures for the horizontal grinder, and the loading and unloading activities associated with the tub grinder for the purpose of ensuring compliance with the visible particulate emissions



requirement. The permittee shall employ water on an 'as needed' basis to ensure compliance.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- e. The above-identified control measure(s) 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 measure(s) is(are) necessary to ensure compliance with the visible particulate emissions requirement. Any required implementation of the control measure(s) shall continue until further observation confirms that use of the control measure(s) is unnecessary.
- f. 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.

Fugitive visible particulate emissions from the tub grinder and the loading and unloading activities associated with the tub grinder and material handling shall not exceed 20% opacity, as a three-minute average.

c) Operational Restrictions

- (1) The maximum annual operating limit for this grinder shall not exceed 1,400 hours per rolling 12-month period.

d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, the permittee shall perform inspections of the grinding and material handling operations in accordance with the following frequencies:

grinding and material handling operation	minimum inspection frequency
Horizontal grinder and material handling weekly equipment	Daily, when the grinder, and/or MHE is in operation

- (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 operating conditions. No inspection shall be necessary for this material handling operation if the material used in this operation 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.
- (3) The permittee may, upon receipt of written approval from the Akron Regional AQMD, 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 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 measures;
  - c. the dates the control measures were implemented; and
  - d. on a calendar quarter basis, the total number of days the control measures were implemented.

The information required in d)(4) shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

- (5) The permittee shall maintain monthly records of the following information:
- a. the monthly operation of this emissions unit in hours.

e) **Reporting Requirements**

- (1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (2) The permittee shall submit deviation reports in the PER 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.
  - b. Each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

f) **Testing Requirements**

- (1) Compliance with the emission limitation(s) in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following method(s):
  - a. For horizontal Grinding operation:

Emission Limitations:

Particulate emissions (PE) shall not exceed 13.2 lbs/hr and 9.5 tons/yr from tub-grinding, material loading and material unloading. Tub-grinding PE is calculated to be 13.1 lbs/hr and 0.66 tons per year. PM10 emissions are assumed to be 60% of PE.

Applicable Compliance Method:

The hourly PE emission limitations are based upon the emissions unit's maximum hourly throughput and were established by the following methodology:

$$\text{pounds of PE emissions} = (A) \times (B) \times (1-C);$$

where:

A = PE emission factor, lb/ton, as found in RACM Table 2.17-1 for wood sawing / grinding (0.35 lb PM per ton). One cubic yard of material = one ton.

B = maximum hourly throughput of 37.5 tons.

$$0.35 \text{ lb/ton} \times 37.5 \text{ tons/hr} = 13.13 \text{ lb/hr.}$$

The annual PE emission limitations are based upon the emissions unit's maximum annual throughput and were established by the following methodology:

$$\text{tons of PE emissions} = (A) \times (B) \times (1/ 2000);$$

where:

A = PE emission factor, lb/ton, as found in RACM Table 2.17-1 for wood sawing / grinding (0.35 lb PM per ton). One cubic yard of material = one ton.

B = maximum annual operating rate 1400 hours per rolling 12-month period.

$$PE = 13.13 \frac{\text{lbs}}{\text{hr}} \times 1,400 \frac{\text{hrs}}{\text{yr}} \times \frac{1 \text{ ton}}{2000 \text{ lbs}} = 9.2 \frac{\text{tons}}{\text{yr}}$$

- b. Visible emissions from tub-grinding, loading or unloading:

Emission Limitation:

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

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

- c. Emission Limitation:

7.6 lbs/hr /NO<sub>x</sub>, and 5.32 tons/yr NO<sub>x</sub>

9.7 lbs/hr/ CO, and 6.79 tons/yr

2.0 lbs/hr SO<sub>2</sub>, and 1.41 tons/yr SO<sub>2</sub>

1.1 lbs/hr VOC, and 0.77 ton/yr VOC

Applicable Compliance Method:

Compliance shall be determined through the manufacture's emission factor (500 HP Diesel Engine)

g) Miscellaneous Requirements

(1) At the discretion and following the approval of the Director, the permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) providing the appropriate notification and exemption requirements have been met. The Director may issue a "Notice of Site Approval" through either of the following scenarios:

- a. If future location(s) of the proposed portable source are unknown, the approval to relocate the portable source shall be in accordance with OAC rule 3745-31-03(A)(1)(p)(i) and the following criteria shall be met:
  - i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
  - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
  - iii. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation;
  - iv. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance in violation of OAC rule 3745-15-07 and that the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site; and
  - v. the Director has issued a "Notice of Site Approval", stating that the proposed site is acceptable under OAC rule 3745-15-07 and the relocation will not result in the installation of a major stationary source or a modification of an existing major stationary source.

The portable source can be relocated upon receipt of the Director's "Notice of Site Approval" for the site; **or**

- b. Pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the Director may issue a "Notice of Site Approval" for any pre-disclosed location(s) if the portable source meets the requirements of OAC rule 3745-31-05(E), as follows:

- i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
- ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
- iii. the permittee has identified the proposed site(s) to the permitting District Office or local air agency;
- iv. the permitting District Office/local air agency and the District Office/Local air agency having jurisdiction over the new site have determined that the portable source will have an acceptable environmental impact at the proposed site(s);
- v. a public notice, meeting the requirements OAC rule 3745-47, is published in the county where the proposed site(s) is/are located;
- vi. the owner of the proposed site(s) (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site(s); and
- vii. the permittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

The portable source can be relocated upon receipt of the Director's "Notice of Site Approval" for the site. Any site approval(s) issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal. Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

- (2) If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01, the permittee shall submit an application and obtain a PTI for the new location prior to moving the portable source.

When a portable source is located at a stationary source or at a site with multiple portable sources, the potential emissions of the portable source may be required to be added to that of the facility, in order to determine the potential to emit for Title V and PSD applicability. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745- 77-01, must also meet all applicable requirements under the Title V program contained in OAC rule 3745-77, which may include the requirement to apply for a Title V permit.

- (3) The "Notice of Intent to relocate" shall be submitted to the Ohio EPA District Office or local air agency responsible for issuing the permits for the portable source. Upon receipt of the notice, the permitting office shall notify the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Failure to submit said notification



or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.



5. P903, McClouskey 512 Trommel screener

Operations, Property and/or Equipment Description:

Portable Trommel Screener

a) 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.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Table with 2 columns: Applicable Rules/Requirements and Applicable Emissions Limitations/Control Measures. It contains three rows (a, b, c) detailing specific rules and their corresponding emission control measures.



Table with 2 columns: Applicable Rules/Requirements, Applicable Emissions Limitations/Control Measures. Row d: OAC rule 3745-17-08(A), See b)(2)d., b)(2)e., and b)(2)f.

(2) Additional Terms and Conditions

- a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutant less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.
b. Compliance with OAC rule 3745-31-05(A)(3) has been determined to be compliance with the particulate emissions limitations and opacity limitation listed in b)(1)a. and the throughput limitation in c)(1).
c. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

Permit to Install and Operate P0106618 for this air contaminant source takes into account the following voluntary restrictions (including the use of any applicable air pollution equipment) as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3):

PE and PM10 emissions shall not exceed 9.5 tons/yr from this emission unit based on the operational limitation in c)(1).

- d. The permittee shall employ best available control measures for the horizontal grinder, and the loading and unloading activities associated with the tub grinder for the purpose of ensuring compliance with the visible particulate emissions requirement. The permittee shall employ water on an 'as needed' basis to ensure compliance.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- e. The above-identified control measure(s) 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 measure(s) is(are) necessary to ensure compliance with the visible particulate emissions requirement. Any required



implementation of the control measure(s) shall continue until further observation confirms that use of the control measure(s) is unnecessary.

- f. 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.

Fugitive visible particulate emissions from the tub grinder and the loading and unloading activities associated with the tub grinder and material handling shall not exceed 20% opacity, as a three-minute average.

c) Operational Restrictions

- (1) The maximum annual operating limit for this grinder shall not exceed 1,400 hours per rolling 12-month period.

d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, the permittee shall perform inspections of the grinding and material handling operations in accordance with the following frequencies:

Table with 2 columns: grinding and material handling operation, minimum inspection frequency. Row 1: Screening and material handling weekly equipment, Daily, when the grinder, and/or MHE is in operation.

- (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 operating conditions. No inspection shall be necessary for this material handling operation if the material used in this operation 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.
(3) The permittee may, upon receipt of written approval from the Akron Regional AQMD, 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 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 measures;
c. the dates the control measures were implemented; and
d. on a calendar quarter basis, the total number of days the control measures were implemented.



The information required in d)(4) shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

- (5) The permittee shall maintain monthly records of the following information:
- a. the monthly operation of this emissions unit in hours.

e) Reporting Requirements

- (1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (2) The permittee shall submit deviation reports in the PER 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.
  - b. Each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

f) Testing Requirements

- (1) Compliance with the emission limitation(s) in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following method(s):
  - a. For screening operation:

Emission Limitations:

Particulate emissions (PE) shall not exceed 2.3 lbs/hr and 9.5 tons/yr from tub-grinding, material loading and material unloading. Tub-grinding PE is calculated to be 13.1 lbs/hr and 0.66 tons per year. PM10 emissions are assumed to be 60% of PE.

Applicable Compliance Method:

The hourly PE emission limitations are based upon the emissions unit's maximum hourly throughput and were established by the following methodology:

$$\text{pounds of PE emissions} = (A) \times (B) \times (1-C);$$

where:

A = PE emission factor, lb/ton, as found in RACM Table 2.17-1 for wood sawing / grinding (0.35 lb PM per ton). One cubic yard of material = one ton.

B = maximum hourly throughput of 12 tons.

$$0.35 \text{ lb/ton} \times 12 \text{ tons/hr} = 4.2 \text{ lb/hr.}$$

The annual PE emission limitations are based upon the emissions unit's maximum annual throughput and were established by the following methodology:

$$\text{tons of PE emissions} = (A) \times (B) \times (1/2000);$$

where:

A = PE emission factor, lb/ton, as found in RACM Table 2.17-1 for wood sawing / grinding (0.35 lb PM per ton). One cubic yard of material = one ton.

B = maximum annual operating rate 1400 hours per rolling 12-month period.

$$PE = 4.2 \frac{\text{lbs}}{\text{hr}} \times 1,400 \frac{\text{hrs}}{\text{yr}} \times \frac{1 \text{ ton}}{2000 \text{ lbs}} = 2.94 \frac{\text{tons}}{\text{yr}}$$

- b. Visible emissions from screening, loading or unloading:

Emission Limitation:

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

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

- g) Miscellaneous Requirements

- (1) At the discretion and following the approval of the Director, the permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) providing the appropriate notification and exemption requirements have been met. The Director may issue a "Notice of Site Approval" through either of the following scenarios:

- a. If future location(s) of the proposed portable source are unknown, the approval to relocate the portable source shall be in accordance with OAC rule 3745-31-03(A)(1)(p)(i) and the following criteria shall be met:
- i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
  - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;

- iii. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation;
- iv. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance in violation of OAC rule 3745-15-07 and that the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site; and
- v. the Director has issued a "Notice of Site Approval", stating that the proposed site is acceptable under OAC rule 3745-15-07 and the relocation will not result in the installation of a major stationary source or a modification of an existing major stationary source.

The portable source can be relocated upon receipt of the Director's "Notice of Site Approval" for the site; **or**

- b. Pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the Director may issue a "Notice of Site Approval" for any pre-disclosed location(s) if the portable source meets the requirements of OAC rule 3745-31-05(E), as follows:
  - i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
  - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
  - iii. the permittee has identified the proposed site(s) to the permitting District Office or local air agency;
  - iv. the permitting District Office/local air agency and the District Office/Local air agency having jurisdiction over the new site have determined that the portable source will have an acceptable environmental impact at the proposed site(s);
  - v. a public notice, meeting the requirements OAC rule 3745-47, is published in the county where the proposed site(s) is/are located;
  - vi. the owner of the proposed site(s) (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site(s); and
  - vii. the permittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

The portable source can be relocated upon receipt of the Director's "Notice of Site Approval" for the site. Any site approval(s) issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal. Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

- (2) If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01, the permittee shall submit an application and obtain a PTI for the new location prior to moving the portable source.

When a portable source is located at a stationary source or at a site with multiple portable sources, the potential emissions of the portable source may be required to be added to that of the facility, in order to determine the potential to emit for Title V and PSD applicability. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745- 77-01, must also meet all applicable requirements under the Title V program contained in OAC rule 3745-77, which may include the requirement to apply for a Title V permit.

- (3) The "Notice of Intent to relocate" shall be submitted to the Ohio EPA District Office or local air agency responsible for issuing the permits for the portable source. Upon receipt of the notice, the permitting office shall notify the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Failure to submit said notification or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.



6. P904, Cheetah cub mulch coloring machine

Operations, Property and/or Equipment Description:

Portable mulch coloring machine

a) 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.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Table with 2 columns: Applicable Rules/Requirements and Applicable Emissions Limitations/Control Measures. It contains three rows (a, b, c) detailing specific rules and their corresponding emission limits and control measures.



Table with 2 columns: Applicable Rules/Requirements, Applicable Emissions Limitations/Control Measures. Row d: OAC rule 3745-17-08(A), See b)(2)d., b)(2)e., and b)(2)f.

(2) Additional Terms and Conditions

- a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutant less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.
b. Compliance with OAC rule 3745-31-05(A)(3) has been determined to be compliance with the particulate emissions limitations and opacity limitation listed in b)(1)a. and the throughput limitation in c)(1).
c. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

Permit to Install and Operate P0106618 for this air contaminant source takes into account the following voluntary restrictions (including the use of any applicable air pollution equipment) as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3):

PE and PM10 emissions shall not exceed 9.5 tons/yr from this emission unit based on the operational limitation in c)(1).

- d. The permittee shall employ best available control measures for the Cheetah cub coloring machiner, and the loading and unloading activities associated with the tub grinder for the purpose of ensuring compliance with the visible particulate emissions requirement. The permittee shall employ water on an 'as needed' basis to ensure compliance.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- e. The above-identified control measure(s) 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 measure(s) is(are) necessary to ensure compliance with the visible particulate emissions requirement. Any required

implementation of the control measure(s) shall continue until further observation confirms that use of the control measure(s) is unnecessary.

- f. 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.

Fugitive visible particulate emissions from the coloring machine and the loading and unloading activities associated with the coloring machine and material handling shall not exceed 20% opacity, as a three-minute average.

c) Operational Restrictions

- (1) The maximum annual operating limit for this grinder shall not exceed 1,400 hours per rolling 12-month period.

d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, the permittee shall perform inspections of the grinding and material handling operations in accordance with the following frequencies:

grinding and material handling operation	minimum inspection frequency
Mulch coloring and material handling weekly equipment	Daily, when the Cheetah cub, and/or MHE is in operation

- (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 operating conditions. No inspection shall be necessary for this material handling operation if the material used in this operation 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.
- (3) The permittee may, upon receipt of written approval from the Akron Regional AQMD, 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 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 measures;
  - c. the dates the control measures were implemented; and
  - d. on a calendar quarter basis, the total number of days the control measures were implemented.

The information required in d)(4) shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

- (5) The permittee shall maintain monthly records of the following information:
- a. the monthly operation of this emissions unit in hours.

e) Reporting Requirements

- (1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (2) The permittee shall submit deviation reports in the PER 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.
  - b. Each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

f) Testing Requirements

- (1) Compliance with the emission limitation(s) in b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following method(s):
  - a. For screening operation:

Emission Limitations:

Particulate emissions (PE) shall not exceed 2.3 lbs/hr and 9.5 tons/yr from tub-grinding, material loading and material unloading. Tub-grinding PE is calculated to be 13.1 lbs/hr and 0.66 tons per year. PM10 emissions are assumed to be 60% of PE.

Applicable Compliance Method:

The hourly PE emission limitations are based upon the emissions unit's maximum hourly throughput and were established by the following methodology:

pounds of PE emissions = (A) x (B) x(1-C);

where:

A = PE emission factor, lb/ton, as found in RACM Table 2.17-1 for wood sawing / grinding (0.35 lb PM per ton). One cubic yard of material = one ton.



B = maximum hourly throughput of 50 tons.

$$0.35 \text{ lb/ton} \times 15 \text{ tons/hr} = 5.25 \text{ lb/hr.}$$

The annual PE emission limitations are based upon the emissions unit's maximum annual throughput and were established by the following methodology:

$$\text{tons of PE emissions} = (A) \times (B) \times (1/2000);$$

where:

A = PE emission factor, lb/ton, as found in RACM Table 2.17-1 for wood sawing / grinding (0.35 lb PM per ton). One cubic yard of material = one ton.

B = maximum annual operating rate 1400 hours per rolling 12-month period.

$$PE = 5.25 \frac{\text{lbs}}{\text{hr}} \times 1,400 \frac{\text{hrs}}{\text{yr}} \times \frac{1 \text{ ton}}{2000 \text{ lbs}} = 3.7 \frac{\text{tons}}{\text{yr}}$$

- b. Visible emissions from screening, loading or unloading:

Emission Limitation:

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

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

g) Miscellaneous Requirements

- (1) At the discretion and following the approval of the Director, the permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install (PTI) providing the appropriate notification and exemption requirements have been met. The Director may issue a "Notice of Site Approval" through either of the following scenarios:

- a. If future location(s) of the proposed portable source are unknown, the approval to relocate the portable source shall be in accordance with OAC rule 3745-31-03(A)(1)(p)(i) and the following criteria shall be met:
  - i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
  - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;

- iii. the permittee has provided a minimum of 30 days notice of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation;
- iv. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance in violation of OAC rule 3745-15-07 and that the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site; and
- v. the Director has issued a "Notice of Site Approval", stating that the proposed site is acceptable under OAC rule 3745-15-07 and the relocation will not result in the installation of a major stationary source or a modification of an existing major stationary source.

The portable source can be relocated upon receipt of the Director's "Notice of Site Approval" for the site; **or**

- b. Pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the Director may issue a "Notice of Site Approval" for any pre-disclosed location(s) if the portable source meets the requirements of OAC rule 3745-31-05(E), as follows:
  - i. the portable source has been issued a permit to install (PTI) and the permittee continues to comply with any applicable best available technology (BAT) determination;
  - ii. the portable source is operating pursuant to a currently effective PTI and/or a current permit to operate (PTO) and continues to comply with the requirements of the permit and any applicable state and/or federal rules;
  - iii. the permittee has identified the proposed site(s) to the permitting District Office or local air agency;
  - iv. the permitting District Office/local air agency and the District Office/Local air agency having jurisdiction over the new site have determined that the portable source will have an acceptable environmental impact at the proposed site(s);
  - v. a public notice, meeting the requirements OAC rule 3745-47, is published in the county where the proposed site(s) is/are located;
  - vi. the owner of the proposed site(s) (if not the permittee) has provided the portable source owner with approval, or an equivalent declaration, that it is acceptable to move the portable source to the proposed site(s); and
  - vii. the permittee has provided the Ohio EPA with a minimum of a 15-day written notice of the relocation.

The portable source can be relocated upon receipt of the Director's "Notice of Site Approval" for the site. Any site approval(s) issued by the Ohio EPA, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal. Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

- (2) If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01, the permittee shall submit an application and obtain a PTI for the new location prior to moving the portable source.

When a portable source is located at a stationary source or at a site with multiple portable sources, the potential emissions of the portable source may be required to be added to that of the facility, in order to determine the potential to emit for Title V and PSD applicability. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745- 77-01, must also meet all applicable requirements under the Title V program contained in OAC rule 3745-77, which may include the requirement to apply for a Title V permit.

- (3) The "Notice of Intent to relocate" shall be submitted to the Ohio EPA District Office or local air agency responsible for issuing the permits for the portable source. Upon receipt of the notice, the permitting office shall notify the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Failure to submit said notification or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.