Ohio Environmental Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

6/9/2016

Certified Mail

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
No	SYNTHETIC MINOR TO AVOID TITLE V
No	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Mr. Brian Riedmaier
NATIONAL LIME & STONE CO
1331 Broad Avenue, Suite 100
Findlay, OH 45840

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0332950003
Permit Number: P0120137
Permit Type: Administrative Modification
County: Franklin

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate (PTIO)for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the permit. A public notice will appear in the Ohio Environmental Protection Agency (EPA) Weekly Review and the local newspaper, The Columbus Dispatch. A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page,www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
50 West Town Street Suite 700
PO Box 1049
Columbus, Ohio 43216-1049

and

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified if a public hearing is scheduled. A decision on issuing a final permit-to-install will be made after consideration of comments received and oral testimony if a public hearing is conducted.Any permit fee that will be due upon issuance of a final Permit-to-Install is indicated in the Authorization section. Please do not submit any payment now.If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461.

Sincerely,

Michael E. Hopkins, P.E.
Assistant Chief, Permitting Section, DAPC

Cc: U.S. EPA Region 5 *Via E-Mail Notification*
Ohio EPA-CDO

Permit Strategy Write-Up

1. Check all that apply:

   _X_ Synthetic Minor Determination

   Netting Determination

2. Source Description: Unpaved roadways and parking areas (F003), storage piles (F005), and portable crushing and material handling (F006) – these are all fugitive sources of particulate emissions (PE) and Particulate Matter less than 10 microns in size (PM10). PTIO P0113369 for F003 and F004 was issued 3/29/2013 and PTIO P0113335 for F006 was issued 6/28/2013. The purpose of this Administrative Modification is to establish terms and conditions which are legally and practically enforceable and represent the potential to emit of the facility.

3. Facility Emissions and Attainment Status: Total facility-wide PE and PM10 emissions are not changing in this administrative modification, however, the permittee has requested legally and practically enforceable restrictions under OAC rule 3745-31-05(F). F003 and F004 were given both PE and PM10 limits under OAC rule 3745-31-05(A)(3), which are carried over into the administrative modification under OAC rule 3745-31-05(F).

4. Source Emissions: Allowable emissions of fugitive PE and PM10 for each emissions unit are not changing in this administrative modification. Allowable emissions are being established under OAC rule 3745-31-05(F) because the permittee has requested legally and practically enforceable restrictions of PM10.

   The BAT requirements under OAC rule 3745-31-05(A)(3) are not applicable to the particulate emissions emitted from this emissions unit. BAT is only applicable to emissions of an air contaminant or precursor of an air contaminant for which a national ambient air quality standard (NAAQS) has been adopted under the Clean Air Act. Particulate emissions (also referred to as total suspended particulate or particulate matter) do not involve an established NAAQS.

5. Conclusion: The voluntary restrictions for PE and PM10 are being defined as equivalent to Best Available Technology (BAT) requirements such that these emissions units meet the criteria associated with relocation of a portable source.

6. Please provide additional notes or comments as necessary:

   None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

Pollutant	Tons Per Year
PE	3.16
PM10	4.5

PUBLIC NOTICE

The following matters are the subject of this public notice by the Ohio Environmental Protection Agency. The complete public notice, including any additional instructions for submitting comments, requesting information, a public hearing, or filing an appeal may be obtained at:http://epa.ohio.gov/actions.aspx or Hearing Clerk, Ohio EPA, 50 W. Town St., Columbus, Ohio 43215. Ph: 614-644-2129 email:HClerk@epa.ohio.gov

Draft Air Pollution Permit-to-Install and Operate Administrative Modification
NATIONAL LIME & STONE CO

National Lime & Stone Company - West Columbus Facility,4390 Fisher Rd., Columbus, OH 43228
ID#:P0120137
Date of Action: 6/9/2016
Permit Desc:Administrative modification permit to establish legally and practically enforceable limitations under OAC rule 3745-31-05(F)..
The permit and complete instructions for requesting information or submitting comments may be obtained at: http://epa.ohio.gov/dapc/permitsonline.aspx by entering the ID # or: Andrea Moore, Ohio EPA DAPC, Northwest District Office, 347 North Dunbridge Road, Bowling Green, OH 43402. Ph: (419)352-8461

DRAFT

Division of Air Pollution Control
Permit-to-Install and Operate
for
NATIONAL LIME & STONE CO

Facility ID:	0332950003
Permit Number:	P0120137
Permit Type:	Administrative Modification
Issued:	6/9/2016
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

Ohio Environmental Protection Agency

Division of Air Pollution Control
Permit-to-Install and Operate
for
NATIONAL LIME & STONE CO

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Authorization

Facility ID:	0332950003
Application Number(s):	M0003766, M0003767
Permit Number:	P0120137
Permit Description:	Administrative modification permit to establish legally and practically enforceable limitations under OAC rule 3745-31-05(F).
Permit Type:	Administrative Modification
Permit Fee:	$650.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date:	6/9/2016
Effective Date:	To be entered upon final issuance
Expiration Date:	To be entered upon final issuance
Permit Evaluation Report (PER) Annual Date:	To be entered upon final issuance

This document constitutes issuance to:

NATIONAL LIME & STONE CO
National Lime & Stone Company - West Columbus Facility
4390 Fisher Rd.
Columbus, OH 43228

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

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419)352-8461

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

Craig W. Butler
Director

Authorization (continued)

Permit Number: P0120137
Permit Description: Administrative modification permit to establish legally and practically enforceable limitations under OAC rule 3745-31-05(F).

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

Emissions Unit ID:	**F003**
Company Equipment ID:	Unpaved Roadways and Parking Areas
Superseded Permit Number:	P0113369
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**F005**
Company Equipment ID:	Storage Piles
Superseded Permit Number:	P0113369
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**F006**
Company Equipment ID:	400 TPH Crusher Material Handling
Superseded Permit Number:	P0113335
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. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. 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 of this permit 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 Ohio EPA DAPC, Northwest District Office 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 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 emission 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 beingpermanently shut down without first applying for and obtaining a permit pursuantto 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.

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. F003, Unpaved Roadways and Parking Areas

Operations, Property and/or Equipment Description:

Unpaved Roadways and Parking Areas

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(F) [Administrative modification of PTI P0113369, issued 03/29/2013]	1.22 tons of fugitive particulate emissions (PE) per year 0.36 ton of fugitive particulate matter 10 microns or less in size (PM10) per year No visible particulate emissions (PE) except for a period of time not to exceed three minutes during any 60-minute observation period. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See b)(2)f. through b)(2)l.) See b)(2)a.
b.	OAC rule 3745-31-05(A)(3) June 30, 2008	See b)(2)b. and b)(2)c.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
c.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements do not apply to the PM10 emissions from this air contaminant source since the potential to emit is less than 10 tons/year. See b)(2)d.
d.	OAC rule 3745-17-07(B)	See b)(2)e.
e.	OAC rule 3745-17-08(B)	See b)(2)b., b)(2)e., and b)(2)f. through b)(2)m.

(2) Additional Terms and Conditions

a. Permit to Install and Operate P0120137 for this air contaminant source takes into account the following legally and practically enforceable voluntary restrictions as proposed by the permittee under OAC rule 3745-31-05(F):

i. 1.22 tons fugitive PE/year;

ii. 0.36 ton fugitive PM10/year;

iii. applying best available control measures (See b)(2)f. - b)(2)l.); and

iv. No visible PE except for a period of time not to exceed three minutes during any 60-minute observation period.

The voluntary restrictions above are being defined as equivalent to BAT requirements such that this emissions unit meets the criteria in g)(1) associated with the relocation of a portable source. BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the fugitive PM10 emissions from this air contaminant source since the calculated annual emission rate for PM10 is less than 10 tons per year taking into account the permittee's request for voluntary restrictions equivalent to BAT requirements.

The BAT requirements under OAC rule 3745-31-05(A)(3) are not applicable to the particulate emissions emitted from this emissions unit. BAT is only applicable to emissions of an air contaminant or precursor of an air contaminant for which a national ambient air quality standard (NAAQS) has been adopted under the Clean Air Act. Particulate emissions (also referred to as total suspended particulate or particulate matter) do not involve an established NAAQS.

b. The permittee shall implement the site-specific work practice plan as described in paragraphs d)(1), d)(2), and d)(3) below to minimize or eliminate fugitive dust emissions as required by OAC rule 3745-31-05(A)(3), OAC rule 3745-31-05(F), and OAC rule 3745-17-08(B)*.

*The requirements of OAC rule 3745-17-08(B) apply only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08.

c. These BAT emission limits apply until the U.S. EPA approves Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3)(a)(ii) [less than 10 tons per year BAT exemption] into the Ohio State Implementation Plan (SIP).

d. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) [the less than 10 tons per year BAT exemption] as part of the Ohio SIP.

It should also be noted that the emission limitations and control requirements established pursuant to OAC rule 3745-31-05(F) will remain applicable after the above SIP revisions are approved by U.S. EPA.

e. This emissions unit is a portable source associated with the portable material handling system (emissions unit F006) permitted under facility ID 0332950003 and is applicable to the following requirements when located in an "Appendix A" area as identified in OAC rule 3745-17-08. Voluntary restrictions proposed by the permittee under OAC rule 3745-31-05(F) are equivalent to or more stringent than any requirements/emission limitations as may be applicable under OAC rule 3745-17-07(B) and OAC rule 3745-17-08(B).

f. The unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

Unpaved Roadways and Parking Areas
All unpaved roadways and parking areas

g. The permittee shall employ the voluntary restrictions outlined in b)(2)a. on all unpaved roadways and parking areas. In accordance with the permit application, the permittee has committed to treat the unpaved roadways and parking areas through surface improvement and watering at sufficient frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

h. The needed frequencies of implementation of the voluntary restrictions outlined in b)(2)a. shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for any unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for the day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

i. 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.

j. Any unpaved roadway or parking area that is subsequently paved will require a PTIO for paved roadways and parking areas.

k. 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.

l. 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.

m. The requirements of OAC rule 3745-17-08(B) shall apply to this emissions unit, regardless of location, if in the director's judgment probable cause exists to believe that such sources are causing or contributing to an air pollution nuisance, in accordance with OAC rule 3745-15-07, or a violation of ambient air quality standards, in accordance with OAC rule 3745-17-02.

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 the roadways and parking areas in accordance with the following frequencies:

unpaved roadways and parking areas	minimum inspection frequency
all unpaved roadways and parking areas	once during each day of 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 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:

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.

d. 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 an annual Permit Evaluation Report (PER) to the Ohio EPA Northwest District Office by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.

(2) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in term number d)(3) 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.

This information shall be submitted as an attachment to the PER. If there were no days and/or instances to identify as required above, the permittee shall indicate within the "Additional Information and Corrections" section of the PER that all inspections were performed by the required frequency and control measures were properly implemented.

(3) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emission Limitation</u>:
1.22 tons of fugitive PE/year

<u>Applicable Compliance Method</u>:
The PE limitation was determined by multiplying an AP-42 emission factor for unpaved roadways of 6.66 lbs of PE/VMT [Section 13.2.2 (11/06)] by a maximum of 7,300 vehicle miles traveled per year, a control efficiency of 95%, and dividing by 2000 lbs/ton.

Therefore, provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the annual PE limitation shall also be demonstrated.

b. Emission Limitation:
0.36 ton of fugitive PM10/year

Applicable Compliance Method:
The PM10 limitation was determined by multiplying an AP-42 emission factor for unpaved roadways of 1.97 lbs of PM10/VMT [Section 13.2.2 (11/06)] by a maximum of 7,300 vehicle miles traveled per year, a control efficiency of 95%, and dividing by 2000 lbs/ton.

Therefore, provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the annual PM10 limitation shall also be demonstrated.

c. 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.

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) The permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install and operate (PTIO) or a permit to install (PTI), providing the appropriate exemption requirements have been met and following approval of the Director (the Northwest District Office). The Director may issue a “Notice of Site Approval” if the following criteria are met, pursuant to the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1):

a. the portable source is operated in compliance with any applicable best available technology (BAT) determination issued in a permit and all applicable state and/or federal rules and laws;

b. the portable source is operating pursuant to a currently effective PTIO or PTI and/or permit to operate (PTO) and continues to comply with the requirements of the permit;

c. the permittee has provided a minimum of 30 days’ notice of the intent to relocate the portable source to the permitting authority (the Northwest District Office) prior to the scheduled relocation;

d. 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 and would be acceptable under OAC rule 3745-15-07; and

e. the Director has issued a “Notice of Site Approval” stating that the proposed site is acceptable and the relocation of the portable source, along with any supporting

permitted emissions would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site.

The portable source can be relocated upon receipt of the Director's Notice of Site Approval.

(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 PTIO or PTI (as applicable) 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 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.

2. F005, 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.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(F) [Administrative modification of PTI P0113369, issued 03/29/2013]	1.94 tons of fugitive particulate emissions (PE)/year 0.88 ton of fugitive particulate matter 10 microns or less in size (PM10) per year No visible particulate emissions (PE) from load-in or load-out except for a period of time not to exceed one minute during any 60-minute observation period. No visible PE from wind erosion except for a period of time not to exceed one minute during any 60-minute observation period. Best available control measures that are sufficient enough to minimize or eliminate visible emissions of fugitive dust (See

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		b)(2)f. through b)(2)k.). See b)(2)a.
b.	OAC rule 3745-31-05(A)(3) June 30, 2008	See b)(2)b. and b)(2)c.
c.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements do not apply to the PM10 emissions from this air contaminant source since the potential to emit is less than 10 tons/year. See d)(2)d.
d.	OAC rule 3745-17-07(B)	See b)(2)e.
e.	OAC rule 3745-17-08(B)	See b)(2)b., b)(2)e., and b)(2)f. through b)(2)l.

(2) Additional Terms and Conditions

a. Permit to Install and Operate P0120137 for this air contaminant source takes into account the following legally and practically enforceable voluntary restrictions as proposed by the permittee under OAC rule 3745-31-05(F):

i. 1.94 tons fugitive PE/year

ii. 0.88 ton fugitive PM10/year

iii. applying best available control measures (See b)(2)f. - b)(2)k.);

iv. No visible PE from load-in or load-out except for a period of time not to exceed one minute during any 60-minute observation period; and

v. No visible PE from wind erosion except for a period of time not to exceed one minute during any 60-minute observation period.

The voluntary restrictions above are being defined as equivalent to BAT requirements such that this emissions unit meets the criteria in g)(1) associated with the relocation of a portable source. BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the fugitive PM10 emissions from this air contaminant source since the calculated annual emission rate for PE and PM10 is less than 10 tons per year taking into account the permittee's request for voluntary restrictions equivalent to BAT requirements.

The BAT requirements under OAC rule 3745-31-05(A)(3) are not applicable to the particulate emissions emitted from this emissions unit. BAT is only applicable to emissions of an air contaminant or precursor of an air contaminant for which a national ambient air quality standard (NAAQS) has been adopted under the

Clean Air Act. Particulate emissions (also referred to as total suspended particulate or particulate matter) do not involve an established NAAQS.

b. The permittee shall implement the site-specific work practice plan as described in paragraphs d)(1), d)(2), d)(3) and d)(4) below to minimize or eliminate fugitive dust emissions as required by OAC rule 3745-31-05(A)(3) and OAC rule 3745-17-08(B)*.

*The requirements of OAC rule 3745-17-08(B) apply only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08.

c. The Best Available Technology (BAT) emission limit applies until U.S. EPA approves Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3)(a)(ii) [the less than 10 tons per year BAT exemption] in the Ohio State Implementation Plan (SIP).

d. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) [the less than 10 tons per year BAT exemption] in the Ohio SIP.

e. This emissions unit is a portable source associated with the portable aggregate material handling system (emissions unit F006) permitted under facility ID 0332950003 and is applicable to the following requirements when located in an "Appendix A" area as identified in OAC rule 3745-17-08. Voluntary restrictions proposed by the permittee under OAC rule 3745-31-05(F) are equivalent to or more stringent than any requirements/emission limitations as may be applicable under OAC rule 3745-17-07(B) and OAC rule 3745-17-08(B).

f. The storage piles that are covered by this permit and subject to the above-mentioned requirements are listed below:

Storage Piles
all storage piles

g. The permittee shall employ the voluntary restrictions outlined in b)(2)a. 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 application, the permittee has committed to maintain minimal drop heights, and to water 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.

h. The above-mentioned control measures 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 measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during any such operation until further observation confirms that the use of the measures is unnecessary.

i. The permittee shall employ the voluntary restrictions outlined in b)(2)a. 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 watering to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

j. The above-mentioned control measures shall be employed for wind erosion from 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 measures are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measures 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.

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

l. The requirements of OAC rule 3745-17-08(B) shall apply to this emissions unit, regardless of location if, in the director's judgment, probable cause exists to believe that such source is causing or contributing to an air pollution nuisance, in accordance with OAC rule 3745-15-07, or a violation of ambient air quality standards, in accordance with OAC rule 3745-17-02.

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 load-in and load-out operation at each storage pile in accordance with the following frequencies:

Storage Pile Identification	Minimum Load-In Inspection Frequency
all storage piles	once during each day of operation

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

Storage Pile Identification	Minimum Wind Erosion Inspection Frequency
all storage piles	once during each day of operation

(3) 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 storage pile operating conditions. 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 events have ended, except if the next required inspection is within one week.

(4) 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.

d. 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)(4)d. shall be kept separately for load-in operations, load-out operations, and wind erosion from the pile surfaces, and 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 an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.

(2) The permittee shall also identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in d)(5) 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.

This information shall be submitted as an attachment to the PER. If there were no days and/or instances to identify as required above, the permittee shall indicate within the “Additional Information and Corrections” section of the PER that all inspections were performed by the required frequency and control measures were properly implemented.

(3) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:
1.94 tons of fugitive PE/year

Applicable Compliance Method:
The PE limitation was determined by summarizing the following calculations:

Load-In: The PE limitation was established by multiplying the maximum load-in rate of 1,000,000 tons/year by an emission factor of 0.005 lb of PE/ton of material (AP-42 Section 13.2.4.3 [01/95]), and dividing by 2000 lbs/ton, and applying 95% control efficiency for watering.

Load-Out: The PE limitation was established by multiplying the maximum load-out rate of 1,000,000 tons/year by 0.005 lb of PE/ton of material (AP-42 Section 13.2.4.3 [01/95]), and dividing by 2000 lbs/ton, and applying 95% control efficiency for watering.

Wind Erosion: The PE limitation was established by multiplying the maximum area of 13.8 acres by 8.46 lb/acre/day (U.S. EPA's Control of Open Fugitive Dust Sources [09/88]), 365 days/year, and a conversion factor of 0.50, dividing by 2000 lbs/ton, and applying 95% control efficiency for watering.

Therefore, provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the annual PE limitation shall also be demonstrated.

b. Emission Limitation:
0.88 ton of fugitive PM10/year

Applicable Compliance Method:
The PM10 limitation was determined by summarizing the following calculations:

Load-In: The PM10 limitation was established by multiplying the maximum load-in rate of 1,000,000 tons/year by an emission factor of 0.002 lb of PM10/ton of material (AP-42 Section 13.2.4.3 [01/95]), and dividing by 2000 lbs/ton, and applying 95% control efficiency for watering.

Load-Out: The PM10 limitation was established by multiplying the maximum load-out rate of 1,000,000 tons/year by 0.002 lb of PM10/ton of material (AP-42 Section 13.2.4.3 [01/95]), and dividing by 2000 lbs/ton, and applying 95% control efficiency for watering.

Wind Erosion: The PM10 limitation was established by multiplying the maximum area of 13.8 acres by 8.46 lb/acre/day (U.S. EPA's Control of Open Fugitive Dust Sources [09/88]), 365 days/year, and a conversion factor of 0.50, dividing by 2000 lbs/ton, and applying 95% control efficiency for watering.

Therefore, provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the annual PM10 limitation shall also be demonstrated.

c. Emission Limitation:
No visible PE from load-in or load-out 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").

d. Emission Limitation:

No visible PE from wind erosion 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) The permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install and operate (PTIO) or a permit to install (PTI), providing the appropriate exemption requirements have been met and following approval of the Director (the Northwest District Office). The Director may issue a "Notice of Site Approval" if the following criteria are met, pursuant to the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1):

a. the portable source is operated in compliance with any applicable best available technology (BAT) determination issued in a permit and all applicable state and/or federal rules and laws;

b. the portable source is operating pursuant to a currently effective PTIO or PTI and/or permit to operate (PTO) and continues to comply with the requirements of the permit;

c. the permittee has provided a minimum of 30 days' notice of the intent to relocate the portable source to the permitting authority (the Northwest District Office) prior to the scheduled relocation;

d. 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 and would be acceptable under OAC rule 3745-15-07; and

e. the Director has issued a "Notice of Site Approval" stating that the proposed site is acceptable and the relocation of the portable source, along with any supporting permitted emissions would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site.

The portable source can be relocated upon receipt of the Director's Notice of Site Approval.

(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 PTIO or PTI (as applicable) 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.

The Notice of Intent to Relocate shall be submitted to the Ohio EPA District Office 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.

3. F006, 400 TPH Crusher Material Handling

Operations, Property and/or Equipment Description:

400 TPH Crusher Material Handling Operations

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(F) [Administrative modification of PTIO P0113335, issued 06/28/2013]	3.26 ton of fugitive particulate matter 10 microns or less in size (PM10)/year Opacity restrictions [See b)(2)j.] Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See b)(2)g. through b)(2)i.) See b)(2)a.
b.	OAC rule 3745-31-05(A)(3) June 30, 2008	See b)(2)b. and b)(2)c.
c.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements do not apply to the PM10 emissions from this air contaminant source since the potential to emit is less than 10 tons/year. See b)(2)d.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
d.	OAC rule 3745-17-07(B)	See b)(2)e.
e.	OAC rule 3745-17-08(B)	See b)(2)e. and b)2)l.
f.	40 CFR, Part 60, Subpart OOO	See b)(2)f., b)(2)j. and b)(2)k.

(2) Additional Terms and Conditions

a. Permit to Install and Operate P0120137 for this air contaminant source takes into account the following legally and practically enforceable voluntary restrictions as proposed by the permittee under OAC rule 3745-31-05(F):

i. fugitive emission limitation of 3.26 ton of PM10/year;

ii. visible emission limitations [See b)(2)j.];

iii. a throughput restriction of 3,504,000 tons per year [See c)(1)];

iv. applying best available control measures (See b)(2)g. - b)(2)i.); and

v. compliance with the terms and conditions of this permit.

The voluntary restrictions above are being defined as equivalent to BAT requirements such that this emissions unit meets the criteria in g)(1) associated with the relocation of a portable source. BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the fugitive PM10 emissions from this air contaminant source since the calculated annual emission rate for PM10 is less than 10 tons per year taking into account the permittee's request for voluntary restrictions equivalent to BAT requirements.

The BAT requirements under OAC rule 3745-31-05(A)(3) are not applicable to the particulate emissions emitted from this emissions unit. BAT is only applicable to emissions of an air contaminant or precursor of an air contaminant for which a national ambient air quality standard (NAAQS) has been adopted under the Clean Air Act. Particulate emissions (also referred to as total suspended particulate or particulate matter) do not involve an established NAAQS.

b. The permittee shall implement the site-specific work practice plan as described in paragraphs d)(2) and d)(3) below to minimize or eliminate fugitive dust emissions as required by OAC rule 3745-31-05(A)(3) and OAC rule 3745-17-08(B)*.

*The requirements of OAC rule 3745-17-08(B) apply only if this emissions unit is located in an area identified in Appendix A of OAC rule 3745-17-08.

c. The BAT emission limit applies until U.S. EPA approves Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3)(a)(ii) [the less than 10 tons per year BAT exemption] in the Ohio State Implementation Plan (SIP).

d. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.

e. This emissions unit is a portable source and is applicable to the requirements of OAC rule 3745-17-07(B) and OAC rule 3745-17-08(B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. Voluntary restrictions proposed by the permittee under OAC rule 3745-31-05(F) are equivalent to or more stringent than any requirements/emissions limitations as may be applicable under OAC 3745-17-07(B) and OAC 3745-17-08(B).

f. The portable crushing operations and associated material handling operations (excluding front-end load to feeder transfer point) is applicable to the requirements of 40 CFR Part 60, Subpart OOO when the portable crushing operations are used as part of a non-metallic mineral processing plant as defined in 60.671. The voluntary restrictions proposed by the permittee under OAC 3745-31-05(F) are equivalent to or more stringent than any requirements/emissions limitations as may be applicable under 40 CFR Part 60, Subpart OOO.

g. The processes and material handling operations covered by this permit and subject to the above-mentioned requirements are listed below:

i. FEL unloading to hopper

ii. hopper to grizzly feeder

iii. grizzly feeder to crusher

iv. crusher

v. crusher to conveyor

vi. conveyor to conveyor (7 transfer points)

The portable crushing plant consists of the following equipment as submitted in the permittee's PTIO application which is used to perform the process and material handling operations indicated above:

Equipment Description	Company Identification
Feed Hopper	Feed Hopper
Grizzly Feeder	Grizzly Feeder
Crusher	Crusher
Conveyor	C1
Conveyor	C2

Conveyor	C3
Conveyor	C4

h. The permittee shall employ voluntary restrictions, i.e. the application of water and reduced drop heights from front-end loader, for the above-identified processes and material handling operations for the purpose of ensuring compliance with the above-mentioned applicable requirements. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

i. For each processing and material handling operation that is not adequately enclosed, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material processing/handling operations until further observation confirms that use of the control measures is unnecessary.

j. Visible particulate emissions from the crusher and material handling operations shall not exceed the following opacity restrictions:

Emissions Point (Company ID)	Equipment Type	Opacity Limit	Regulatory Basis for Limit
Front End Loader to Hopper/Grizzly Feeder	Transfer Point	20% as a three-minute average	OAC rule 3745-31-05(F)
Hopper/Grizzly Feeder	Transfer Point	10% as a six-minute average	OAC rule 3745-31-05(F) and/or NSPS Subpart OOO [See b)(2)e.]
Crusher	Crushing	15% as a six-minute average	OAC rule 3745-31-05(F) and/or NSPS Subpart OOO [See b)(2)e.]
C1 Conveyor (Run-Out)	Transfer Point	10% as a six-minute average	OAC rule 3745-31-05(F) and/or NSPS Subpart OOO [See b)(2)e.]

C2 Conveyor (Overhead)	Transfer Point	10% as a six-minute average*	OAC rule 3745-31-05(F) and/or NSPS Subpart OOO [See b)(2)e.]
C3 Conveyor (Stacking)	Transfer Point	10% as a six-minute average	OAC rule 3745-31-05(F) and/or NSPS Subpart OOO [See b)(2)e.]
C4 Conveyor	Transfer Point	7% as a six-minute average	OAC rule 3745-31-05(F) and/or NSPS Subpart OOO [See b)(2)e.]

* The opacity limit for the crusher includes material entering and exiting the crusher

k. The application and enforcement of the provisions of NSPS, as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

l. The requirements of OAC rule 3745-17-08(B) shall apply to this emissions unit, regardless of location, if in the director's judgment probable cause exists to believe that such sources are causing or contributing to an air pollution nuisance, in accordance with OAC rule 3745-15-07, or a violation of ambient air quality standards, in accordance with OAC rule 3745-17-02.

c) Operational Restrictions

(1) The maximum annual throughput shall not exceed 3,504,000 tons.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the following information:

a. the amount of material throughput, in tons; and

b. the annual year-to date amount of material throughput, in tons.

(2) Except as otherwise provided in this section, for each material processing and handling operation that is not adequately enclosed, the permittee shall perform inspections of such material processing and handling operations in accordance with the following minimum frequencies:

Material Processing/Handling Operations	Minimum Inspection Frequency
All Operations	Once Each Day of Operation

The above-mentioned inspections shall be performed during representative, normal operating conditions.

(3) 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 in d)(3)d. shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

(4) When using a wet suppression system to control fugitive dust, the permittee shall perform monthly periodic inspections for each piece of equipment constructed, modified, or reconstructed on or after April 22, 2008, to check that water is flowing to the discharge spray nozzles. The permittee must initiate corrective action within 24 hours and complete corrective action as expediently as practical if water is not flowing properly during an inspection of the water spray nozzles. The permittee must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under d)(6).

(5) If the permittee, meeting the requirements of d)(4) above, ceases operation of the water sprays or is using a control mechanism other than water sprays to reduce fugitive dust emissions during the monthly inspection (for example, water from recent rainfall), the logbook entry required under d)(6) must specify the control mechanism being used instead of the water sprays.

(6) The permittee must record each periodic inspection required under d)(4) and d)(5), including dates and any corrective actions taken, in a logbook (in written or electronic format). The permittee must keep the logbook onsite and make hard or electronic copies (whichever is requested) of the logbook available to the Ohio EPA upon request.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than 12 months for each air contaminant source identified in this permit.

(2) The permittee shall identify in the annual PER the following occurrences concerning inspection and control measure requirements:

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.

This information shall be submitted as an attachment to the PER. If there were no days and/or instances to identify as required above, the permittee shall indicate within the "Additional Information and Corrections" section of the PER that all inspections were performed by the required frequency and control measures were properly implemented.

(3) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

(4) The permittee shall submit the following information for each piece of equipment that is replaced by a piece of equipment having the same function as the existing facility:

a. for a conveyor belt:

i. the width of the existing belt being replaced; and

ii. the width of the replacement conveyor belt.

b. For a screening operation:

i. the total surface area of the top screen of the existing screening operation being replaced and

ii. the total surface area of the top screen of the replacement screening operation.

The notification shall be submitted to the Northwest District Office within 30 days after the equipment replacement.

(5) Pursuant to the general provisions of NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times for this emissions unit:

a. construction date (no later than 30 days after such date);

b. actual start-up date (within 15 days after such date); and

c. date of performance testing (if required, at least 30 days prior to testing).

The reporting requirements indicated in this section shall be initiated by the first instance when this emissions unit operates as an affected facility at a nonmetallic mineral processing plant as specified in 60.670(a)(1).

Reports shall be sent to:

Ohio EPA, Northwest District Office

347 North Dunbridge Road

Bowling Green, Ohio 43402

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

3.26 tons of fugitive PM10/year

Applicable Compliance Method:

The annual emissions represent the potential to emit of the emissions unit. Compliance with the fugitive PM10 limitation shall be determined by using the emission factors in Section 13.2.4.3 (1/95) in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 for unloading, crushing, and transfer points. The emission limitation was based on a maximum throughput of 3,504,000 tons per year and a total of seven transfer points.

b. Emission Limitation:

20% opacity, as a 3-minute average from front end loader

Applicable Compliance Method:

If required, compliance shall be demonstrated using Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources") as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

c. Emission Limitation:

Visible PE shall not exceed 15% opacity as a six-minute average from the crusher

Applicable Compliance Method:

If required, compliance shall be demonstrated using Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources") and the procedures outlined in 60.675(c)(1).

d. Emission Limitation:

Visible PE shall not exceed 10% opacity as a six-minute average from the transfer points

Applicable Compliance Method:

If required, compliance shall be demonstrated using Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources") and the procedures outlined in 60.675(c)(1).

e. Emission Limitation:

Visible PE shall not exceed 7% opacity as a six-minute average from the transfer points

Applicable Compliance Method:

If required, compliance shall be demonstrated using Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR Part 60 ("Standards of Performance for New Stationary Sources") and the procedures outlined in 60.675(c)(1).

(2) In the first instance when this emissions unit operates as an affected facility at a nonmetallic mineral processing plant as specified in 60.670(a)(1), the permittee shall conduct, or have conducted, emission testing for the screening and material handling operations (transfer points) of emissions unit P901. The emissions testing requirements of 40 CFR Part 60 Subpart OOO do not apply to the screening operation and associated material handling operations when used to process material that is not defined as a non-metallic mineral. (non-metallic mineral is defined in 60.671). The emission testing shall meet the following requirements:

a. Testing shall be conducted in accordance with the provisions of 40 CFR Part 60, Subpart A, Section 60.8 and 40 CFR Part 60, Subpart OOO, Section 60.675.

b. The testing time frame indicated in this section shall be initiated by the first instance when this emissions unit operates at an affected facility at a nometallic mineral processing plant as specified in 60.670(a)(1). The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after the initial startup of such facility and at such other times as may be required by the Ohio Environmental Protection Agency, Division of Air Pollution Control. The emission testing shall be conducted to demonstrate compliance with the allowable visible emission rates for particulate emissions.

c. The following test methods shall be employed to demonstrate compliance with the allowable visible emission rates: Method 9 of 40 CFR Part 60, Appendix A shall be used to determine opacity.

d. The tests shall be conducted while the emissions unit is operating at its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Division of Air Pollution Control.

e. Not later than 30 days prior to the proposed test dates(s), the permittee shall submit an "Intent to Test" notification to the Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test. Failure to submit such notification for review and approval prior to the test(s) may result in the Northwest District Office's refusal to accept the results of the emissions tests.

f. Personnel from the Northwest District Office shall be permitted to witness the test, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions unit and/or the performance of the control equipment.

g. A comprehensive written report of the emissions test(s) shall be signed by the person(s) responsible for the test(s) and submitted to the Northwest District Office within 30 days following completion of the test(s).The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Northwest District Office.

g) Miscellaneous Requirements

(1) The permittee may relocate the portable source within the State of Ohio without first obtaining a permit to install and operate (PTIO) or a permit to install (PTI), providing the appropriate exemption requirements have been met and following approval of the Director (the Northwest District Office). The Director may issue a “Notice of Site Approval” if the following criteria are met, pursuant to the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1):

a. the portable source is operated in compliance with any applicable best available technology (BAT) determination issued in a permit and all applicable state and/or federal rules and laws;

b. the portable source is operating pursuant to a currently effective PTIO or PTI and/or permit to operate (PTO) and continues to comply with the requirements of the permit;

c. the permittee has provided a minimum of 30 days’ notice of the intent to relocate the portable source to the permitting authority (the Northwest District Office) prior to the scheduled relocation;

d. 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 and would be acceptable under OAC rule 3745-15-07; and

e. the Director has issued a "Notice of Site Approval" stating that the proposed site is acceptable and the relocation of the portable source, along with any supporting permitted emissions would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site.

The portable source can be relocated upon receipt of the Director's Notice of Site Approval.

(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 PTIO or PTI (as applicable) 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.

The Notice of Intent to Relocate shall be submitted to the Ohio EPA District Office 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.