State of Ohio Environmental Protection Agency

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Columbus, OH 43216-1049

Certified Mail

6/1/2009

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

CHRIS WAGNER
THE OLEN CORP
4755 S HIGH ST
COLUMBUS, OH 43207

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0388010024
Permit Number: 03-16309
Permit Type: OAC Chapter 3745-31 Modification
County: Wyandot

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.

Ohio EPA maintains a document entitled "Frequently Asked Questions about the PTIO". The document can be downloaded from the DAPC Web page, www.epa.state.oh.us/dapc, from the "Permits" link. This document contains additional information related to your permit, such as what activities are covered under the PTIO, who has enforcement authority over the permit and Ohio EPA's authorization to inspect your facility and records. Please contact the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469 if you need assistance.

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission ("ERAC") under Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and describe the action complained of and the grounds for the appeal. The appeal must be filed with the ERAC within thirty (30) days after notice of the Director's action. A filing fee of $70.00 must be submitted to the ERAC with the appeal, although the ERAC, has discretion to reduce the amount of the filing fee if you can demonstrate (by affidavit) that payment of the full amount of the fee would cause extreme hardship. If you file an appeal of this action, you must notify Ohio EPA of the filing of the appeal (by providing a copy to the Director) within three (3) days of filing your appeal with the ERAC. Ohio EPA requests that a copy of the appeal also be provided to the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the ERAC at the following address:

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

If you have any questions regarding this permit, please contact the Ohio EPA DAPC, Northwest District Office. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page www.epa.state.oh.us/dapc.

Sincerely,

Michael W. Ahern

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

Cc: Ohio EPA-NWDO

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

FINAL

Air Pollution Permit-to-Install and Operate
for
THE OLEN CORP

Facility ID: 0388010024
Permit Number: 03-16309
Permit Type: OAC Chapter 3745-31 Modification
Issued: 6/1/2009
Effective: 6/1/2009
Expiration: 6/1/2019

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
THE OLEN CORP

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Authorization

Facility ID: 0388010024
Application Number(s): A0005278
Permit Number: 03-16309
Permit Description: The purpose of this permit is a modification to roadways, storage piles, mineral extraction and aggregate processing.
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: $2,200.00
Issue Date: 6/1/2009
Effective Date: 6/1/2009
Expiration Date: 6/1/2019
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15
This document constitutes issuance to:

THE OLEN CORP
6126 COUNTY HIGHWAY 61
UPPER SANDUSKY, OH 43351

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:

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

Chris Korleski
Director

Authorization (continued)

Permit Number: 03-16309
Permit Description: The purpose of this permit is a modification to roadways, storage piles, mineral extraction and aggregate processing.

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:	Roadways and Parking Areas
Superseded Permit Number:	03-13740
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**F002**
Company Equipment ID:	Storage Piles
Superseded Permit Number:	03-13740
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**F003**
Company Equipment ID:	Mineral Extraction
Superseded Permit Number:	03-13740
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**F004**
Company Equipment ID:	Aggregate Processing
Superseded Permit Number:	03-13927
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 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 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.

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) The following emissions units contained in this permit are subject to 40 CFR Part 60, Subpart OOO: F004 (Aggregate processing). The complete NSPS requirements, including the NSPS General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website http://ecfr.gpoaccess.gov or by contacting the appropriate OEPA District office or local air agency.

C. Emissions Unit Terms and Conditions

1. F001, Roadways and Parking Areas

Operations, Property and/or Equipment Description:

Roadways and Parking Areas (modification of PTI 03-13740, issued on 06/20/02).

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 operations(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. 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)(a)	13.07 tons fugitive particulate emissions (PE)/year 3.45 tons fugitive particulate matter of 10 microns or less in size (PM10)/year <u>Paved Roadways and Parking</u> no visible particulate emissions except for a period of time not to exceed one minute 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)c. through b)(2)i.] <u>Unpaved Roadways and Parking</u> no visible particulate emissions except for a period of time not to exceed three minutes during any 60-minute observation period

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust [See b)(2)c. through b)(2)i.]
b.	OAC rule 3745-17-07(B)	See b)(2)j.
c.	OAC rule 3745-17-08(B)	See b)(2)k.

(2) Additional Terms and Conditions

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

<u>paved roadways</u>:

all paved roadway segments

<u>paved parking areas</u>:

none

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

<u>unpaved roadways</u>:

all unpaved roadway segments

<u>unpaved parking areas</u>:

all unpaved parking areas

c. The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved roadways and parking areas with water and sweep as needed to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

d. The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways with water and chemical stabilization as needed to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

e. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved or unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for 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.

f. Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking areas that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.

g. 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.

h. 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.

i. 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(A)(3)(a).

j. This emissions unit is exempt from the visible particulate emission limitations for fugitive dust, specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e), because the emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08.

k. This emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08, therefore, the requirements of OAC rule 3745-17-08(B), which requires the installation of reasonably available control measures to prevent fugitive dust, do not apply to this emissions unit pursuant to OAC rule 3745-17-08(A)(1).

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:

paved roadways and parking areas	minimum inspection frequency
all paved roadways and parking areas	once during each day of operation
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 kept separately for the paved roadways and parking areas and for the unpaved roadways and parking areas, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

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.

f) Testing Requirements

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

a. Emission Limitation:

13.07 tons fugitive PE /year

3.45 tons fugitive PM10/year

Applicable Compliance Method:

The PE emission limitation was determined as follows :

by multiplying AP-42 emission factor for unpaved roadways of 7.23 lb PE /VMT [Section 13.2.2 (11/06)], applying a control efficiency of 95% for use of best available control measures, and the maximum vehicle miles traveled (VMT) of 49,922 miles per year, and dividing by 2000 lbs/ton. (9.02 tons PE/yr), plus

multiplying AP-42 emission factor for paved roadways of 4.46 lb PE /VMT [Section 13.2.1 (11/06)], applying a control efficiency of 95% for use of best available control measures, and the maximum vehicle miles traveled (VMT) of 36,360 miles per year, and dividing by 2000 lbs/ton. (4.05 tons PE/yr)

The PM10 emission limitation was determined as follows:

by multiplying AP-42 emission factor for unpaved roadways of 2.13 lb PM10 /VMT [Section 13.2.2 (11/06)], applying a control efficiency of 95% for use of best available control measures, and the maximum vehicle miles traveled (VMT) of 49,922 miles per year, and dividing by 2000 lbs/ton. (2.66 tons PM10/yr), plus

multiplying AP-42 emission factor for paved roadways of 0.87 lb PM10 /VMT [Section 13.2.1 (11/06)], applying a control efficiency of 95% for use of best available control measures, and the maximum vehicle miles traveled (VMT) of 36,360 miles per year, and dividing by 2000 lbs/ton. (0.79 tons PM10/yr)

Therefore, provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the ton per year PE and PM10 limitations will be assumed.

b. Emission Limitation:

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"), as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

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") as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

g) Miscellaneous Requirements

(1) None.

2. F002, Storage Piles

Operations, Property and/or Equipment Description:

Storage Piles (modification of PTI 03-13740, issued on 06/20/02).

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 operations(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. 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)(a)	1.63 tons fugitive particulate emissions (PE)/year 0.77 tons fugitive particulate matter of 10 microns or less in size (PM10)/year No visible emissions 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 emissions 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 to minimize or eliminate visible emissions of fugitive dust [See b)(2)b. through b)(2)f.]
b.	OAC rule 3745-17-07(B)	See b)(2)g.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
c.	OAC rule 3745-17-08(B)	See b)(2)h.

(2) Additional Terms and Conditions

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

<u>storage pile identification</u>

all storage piles

b. 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.

c. 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.

d. 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.

e. 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.

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 rule 3745-31-05(A)(3)(a).

g. This emissions unit is exempt from the visible particulate emission limitations for fugitive dust, specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e), because the emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08.

h. This emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08, therefore, the requirements of OAC rule 3745-17-08(B), which requires the installation of reasonably available control measures to prevent fugitive dust, do not apply to this emissions unit pursuant to OAC rule 3745-17-08(A)(1).

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 operation at each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-in inspection frequency
all storage piles	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 storage piles	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 storage piles	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).

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.

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.

f) Testing Requirements

(1) Compliance with the emission limitation(s) in Section b)(1) of these terms and conditions shall be determined in accordance with the following method(s):

a. <u>Emission Limitation</u>:

1.63 tons fugitive PE/year

0.77 tons fugitive PM10/year

<u>Applicable Compliance Method</u>:

Compliance shall be determined by combining the emissions from each load-in and load-out operation and from wind erosion from each storage pile as listed in the permittee's application. Each load-in and load out operation emission rate is based on a maximum load-in and load-out rate of 2,000,000 tons per year and each wind erosion emission rate is based on the maximum acreage for each storage pile of 15 acres.

The emission rate was determined as follows:

i. Load-in – The PE emission limitation was established by multiplying the maximum load-in rate of 2,000,000 tons per year by the appropriate emission factor from AP-42 section 13.2.4 (11/06) [0.002 lb PE/ton], dividing by 2000, and applying a 95 % overall control efficiency. (0.10 ton PE/yr)

The PM10 emission limitation was established by multiplying the maximum load-in rate of 2,000,000 tons per year by the appropriate emission factor from AP-42 section 13.2.4 (11/06) [0.001 lb PM10/ton], dividing by 2000, and applying a 95 % overall control efficiency. (0.05 ton PM10/yr)

ii. Load-out – The PE emission limitation was established by multiplying the maximum load-out rate of 2,000,000 tons per year by the appropriate emission factor from AP-42 section 13.2.4 (11/06) [0.002 lb PE/ton] and dividing by 2000, and applying a 95 % overall control efficiency. (0.10 ton PE/yr)

The PM10 emission limitation was established by multiplying the maximum load-in rate of 2,000,000 tons per year by the appropriate emission factor from AP-42 section 13.2.4 (11/06) [0.001 lb PM10/ton], dividing by 2000, and applying a 95 % overall control efficiency. (0.05 ton PM10/yr)

iii. Wind Erosion - The PE emission limitation was established by multiplying the maximum acreage for each storage pile of 15 acres by the appropriate emission factor from USEPA's Control of Open Fugitive Dust Sources (September 1988) [0.87 lb PE/day/acre] by 12 working piles, a maximum operating schedule of 365 days per year, dividing by 2000, and a 95% overall control efficiency. (1.43 tons PE/yr)

The PM10 emission limitation was established by multiplying the maximum acreage of 15 acres by the appropriate emission factor from USEPA's Control of Open Fugitive Dust Sources (September 1988) [0.41 lb PM10/day/acre] by 12 working piles, a maximum operating schedule of 365 days per year, dividing by 2000, and a 95% overall control efficiency. (0.67 tons PM10/yr)

b. Emission Limitation:

No visible emissions 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") as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

c. Emission Limitation:

No visible emissions 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") as such Appendix existed on July 1, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

g) Miscellaneous Requirements

(1) None.

3. F003, Mineral Extraction

Operations, Property and/or Equipment Description:

Mineral Extraction - includes overburden removal, overburden loading, mineral loading, drilling and blasting (modification of PTI 03-13740, issued on 06/20/02).

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 operations(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. 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)(a)	20.46 tons fugitive particulate emissions (PE)/year 9.74 tons fugitive particulate matter of 10 microns or less in size (PM10)/year Opacity restrictions [See b)(2)e.] Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust [See b)(2)b. through b)(2)d.]
b.	OAC rule 3745-17-07(B)	See b)(2)f.
c.	OAC rule 3745-17-08(B)	See b)(2)g.

(2) Additional Terms and Conditions

a. The following mineral extraction operations are covered by this permit and subject to the above mentioned requirements:

overburden removal, overburden loading, mineral loading, drilling, blasting and wind erosion.

b. The permittee shall employ best available control measures for the above-identified mineral extraction operations for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to perform the following control measures to ensure compliance:

Mineral Extraction Operation	Control Measure(s)
overburden removal	water application, as necessary
overburden loading	water application, as necessary
mineral loading	water application, as necessary
drilling	dust collector, wet drilling
blasting	prevention of over-blasting
wind erosion	water application, as necessary

Nothing in the above table shall prohibit the permittee from employing other control measures to ensure compliance.

c. For each mineral extraction operation, 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 measures(s) is (are) necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures(s) shall continue during the mineral extraction operation(s) until further observation confirms that use of the control measure(s) is unnecessary.

d. Implementation of the above-mentioned control measure(s) 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)(a).

e. Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from the following mineral extraction operations: overburden removal, overburden loading, mineral loading, drilling and wind erosion.

f. This emissions unit is exempt from the visible particulate emission limitations for fugitive dust, specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e), because the emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08.

g. This emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08, therefore, the requirements of OAC rule 3745-17-08(B), which requires the installation of reasonably available control measures to prevent fugitive dust, do not apply to this emissions unit pursuant to OAC rule 3745-17-08(A)(1).

c) Operational Restrictions

(1) The permittee shall not exceed 156 blasts per year.

(2) The permittee shall not exceed a mineral extraction throughput of 2,000,000 tons of limestone per year (this restriction is based on the amount of materials loaded into trucks).

d) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, for mineral extraction operations that are not adequately enclosed, the permittee shall perform inspections of such operations during representative, normal operating conditions in accordance with the following minimum frequencies:

Mineral Extraction Operation	Minimum Inspection Frequency
overburden removal	once per day of operation
overburden loading	once per day of operation
mineral loading	once per day of operation
drilling	once per day of operation
blasting	once per day of operation
wind erosion	once per day of operation

(2) 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 measure(s);

c. the dates the control measure(s) was (were) implemented; and

d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information in d)(2)d. shall be kept separately for each mineral extraction operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

(3) The permittee shall maintain the following monthly blasting records:

a. the date that each blast occurred;

b. the total number of blasts each month; and

c. the annual, year-to-date, number of blasts [sum of d)(3)b. for each calendar month to date from January to December].

(4) The permittee shall maintain the following monthly mineral extraction records:

a. the total limestone throughput (i.e. the amount of stone loaded into trucks), in tons per month; and

b. the annual, year-to-date, amount of limestone processed [sum of d)(2)a. for each calendar month to date from January to December].

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.

f) Testing Requirements

(1) Compliance with the emissions limitations specified in Section b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

20.46 tons fugitive PE/year & 9.74 tons fugitive PM10/year

Applicable Compliance Method:

The annual fugitive particulate emission limitations were developed by applying the following emission factors/equations and control efficiencies to the associated process weight rates:

Mineral Extraction Operations	Maximum Process Weight Rate	Control Efficiency	PE Emission Factor	PM10 Emission Factor	Emission Factor Citation
overburden removal	250,000 tons/yr	None established	0.058 lbs/ton	PE to PM10 relative ratio 2.11:1	AP-42 11.9-4 (07/98)
overburden loading	250,000 tons/yr	None established	0.037 lbs/ton	PE to PM10 relative ratio 2.11:1	AP-42 11.9-4 (07/98)
mineral loading	2,000,000 tons/yr	None established	0.002 lbs/ton	0.001 lbs/ton	AP-42 13.2.4-4 (11/06)
drilling	2,000,000 tons/yr	90%	0.008 lbs/ton	PE to PM10 relative ratio 2.11:1	RACM Table 2.1.4-3 (09/88)
blasting	156 blasts/yr	None established	58.5 lbs/blast	PE to PM10 relative ratio 2.11:1	RACM Table 2.1.4-3 (09/88)
wind erosion	3.2 acres/yr	None established	0.38 tons/acre/yr	PE to PM10 relative ratio 2.11:1	AP-42 13.2.2 (12/03)

Therefore, provided compliance is shown with the operational restrictions of this permit and the requirement to apply best available control measures, compliance with the annual emission limitations will be assumed.

b. Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from the following mineral extraction operations: overburden removal, overburden loading, mineral loading, drilling and wind erosion.

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.

g) Miscellaneous Requirements

(1) None.

4. F004, Aggregate Processing

Operations, Property and/or Equipment Description:

Aggregate Processing Plant – 550 ton/hour processing line including primary and secondary crushing, screening, conveying and material handling operations (modification of PTI 03-13927, issued on 03/06/03, to increase the hourly production rate and annual throughput limitation).

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 operations(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. 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)(a)	33.72 tons fugitive particulate emissions (PE)/year 14.33 tons fugitive particulate matter of 10 microns or less in size (PM10)/year Visible emission restrictions [See b)(2)g.] Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust [See b)(2)a. through b)(2)d.]
b.	OAC rule 3745-17-07(B)	See b)(2)e.
c.	OAC rule 3745-17-08(B)	See b)(2)f.
d.	40 CFR Part 60, Subpart OOO (40 CFR 60.670-60.676)	Visible emission restrictions [See b)(2)g.]
e.	40 CFR Part 60.1-19 (40 CFR 60.670)	Table 1 to Subpart OOO of 40 CFR Part 60 – Applicability of General Provisions to Subpart OOO shows which parts of the

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		General Provisions in 40 CFR 60.1-19 apply.

(2) Additional Terms and Conditions

a. The permittee shall employ best available control measures for this emissions unit for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permit application, the permittee has committed to perform the following control measure(s) to ensure compliance:

Material Handling Operation	Control Measures
loading and unloading	reduced drop height
crushing and screening	wet suppression
Transfer and conveying	wet suppression

b. For each material handling/processing 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 handling operations until further observation confirms that use of the control measures is unnecessary.

c. 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.

d. The requirements of this rule also include compliance with 40 CFR Part 60, Subpart OOO.

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.

e. This emissions unit is exempt from the visible particulate emission limitations for fugitive dust, specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e), because the emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08.

f. This emissions unit is not located within areas identified in "Appendix A" of OAC rule 3745-17-08, therefore, the requirements of OAC rule 3745-17-08(B), which requires the installation of reasonably available control measures to prevent

fugitive dust, do not apply to this emissions unit pursuant to OAC rule 3745-17-08(A)(1).

g. Visible emissions from the material processing equipment when processing aggregate materials shall not exceed the following opacity restrictions:

Emissions Point (Company ID)	Equipment Type	Opacity Limit as a 6-minute average	Regulatory Basis for Limit
truck unloading	transfer point	20% (as a 3-min avg)	OAC rule 3745-31-05
front-end loader to FD1 feeder	transfer point	20% (as a 3-min avg)	OAC rule 3745-31-05
FD1 feeder to CR1 (primary) crusher	transfer point	10%	NSPS, Subpart OOO
primary crushing	crusher	15%	NSPS, Subpart OOO
FD1 feeder to C1 conveyor	transfer point	10%	NSPS, Subpart OOO
CR1 crusher to FD2 feeder	transfer point	15%	NSPS, Subpart OOO
FD2 feeder to C1 conveyor	transfer point	10%	NSPS, Subpart OOO
C1 conveyor to S1 screen	transfer point	10%	NSPS, Subpart OOO
S1 screen	screen	10%	NSPS, Subpart OOO
S1 screen to C2 conveyor	transfer point	10%	NSPS, Subpart OOO
S1 screen to C10 conveyor or C2 conveyor	transfer point	10%	NSPS, Subpart OOO
S1 screen to C7 conveyor	transfer point	10%	NSPS, Subpart OOO
C7 conveyor to C8 conveyor	transfer point	10%	NSPS, Subpart OOO
C8 conveyor to C30 conveyor or S2 wash screen	transfer point	10%	NSPS, Subpart OOO
S2 wash screen	screen	Not applicable, constructed prior to 1974	Not applicable, constructed prior to 1974
S2 wash screen to C90 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO

C90 conveyor to C92 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
S2 wash screen C91 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
C91 conveyor to C93 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
S2 wash screen to C6 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
C6 conveyor to SC1 sand classifier or C30 conveyor	transfer point (wet) (when processing dry)	0% 10%	NSPS, Subpart OOO
C30 conveyor to C31 conveyor	transfer point (wet) (when processing dry)	0% 10%	NSPS, Subpart OOO
C31 conveyor to C32 conveyor	transfer point (wet) (when processing dry)	0% 10%	NSPS, Subpart OOO
C10 conveyor to C11 conveyor	transfer point	10%	NSPS, Subpart OOO
C2 conveyor to CR2 (secondary) crusher	transfer point	10%	NSPS, Subpart OOO
secondary crusher	crusher	15%	NSPS, Subpart OOO
CR2 crusher to C3 conveyor	transfer point	10%	NSPS, Subpart OOO
C3 conveyor to S3 screen	transfer point	10%	NSPS, Subpart OOO
S3 screen	screen	10%	NSPS, Subpart OOO
S3 screen to C4 conveyor	transfer point	10%	NSPS, Subpart OOO
C4 conveyor to CR3 crusher	crusher	10%	NSPS, Subpart OOO
CR3 crusher to C3 conveyor	transfer point	10%	NSPS, Subpart OOO
S3 screen to C20 conveyor	transfer point	10%	NSPS, Subpart OOO
S3 screen to C6 conveyor	transfer point	10%	NSPS, Subpart OOO
S3 screen to C5 conveyor	transfer point	10%	NSPS, Subpart OOO

C5 conveyor to S4 6X16 DEISTER 4-Deck washing screen	transfer point	10%	NSPS, Subpart OOO
S4 wash screen	screen	0%	NSPS, Subpart OOO
S4 screen to C70 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
C70 conveyor to C71 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
S4 screen to C60 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
C60 conveyor to C61 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
S4 screen to C70 or C60 or C50 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
C50 conveyor to C51 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
S4 screen to C50 or C40 conveyor	transfer point (wet)	0%	NSPS, Subpart OOO
S4 screen to SC1 sand classifier	transfer point (wet)	0%	NSPS, Subpart OOO
SC1 sand classifier to C80 conveyor	transfer point (wet) (when processing dry)	0% 10%	NSPS, Subpart OOO
C80 conveyor to C81 conveyor	transfer point (wet) (when processing dry)	0% 10%	NSPS, Subpart OOO

c) Operational Restrictions

(1) The maximum annual material throughput for this emissions unit shall not exceed 2,000,000 tons based on the material throughput of the primary crusher.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the amount of material processed through the primary crusher of this emissions unit in (a) tons per month and (b) total tons, to date, for the calendar year.

(2) Except as otherwise provided in this section, for aggregate processing operations that are not adequately enclosed, the permittee shall perform inspections of such operations during representative, normal operating conditions in accordance with the following minimum frequencies:

Material Handling Operation	Minimum Inspection Frequency

truck unloading into feeder	once per day of operation
each crusher	once per day of operation
each screen	once per day of operation
each conveyor and transfer point	once per day of operation

(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 measure(s);

c. the dates the control measure(s) was (were) implemented; and

d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information required in section d)(3)d. shall be kept separately for each aggregate processing operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

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 comply with the applicable reporting requirements required under 40 CFR Part 60, Subpart OOO, including the following sections:

60.676(a)(1)	replacement of crushing operations
60.676(a)(2)	replacement of screening operations
60.676(a)(3)	replacement of conveyor belts
60.676(a)(4)	replacement of storage bins

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

(3) 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).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Issuance and Data Management
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, Ohio 43216-1049

f) Testing Requirements

(1) Compliance with the emission limitations specified in section A.1 of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

33.72 tons fugitive PE/year

14.33 tons fugitive PM10/year

Applicable Compliance Method:

The annual particulate/PM10 emission limitations were developed by multiplying the following controlled emission factors from AP-42 Section 11.19.2-2 (08/04) by the annual throughput restriction of 2,000,000 tons/year, then dividing by 2000 pounds/ton.

Aggregate Processing Operation	PE Emission Factor	PM10 Emission Factor
truck unloading/FEL dumping into feeder	0.008 lbs/ton	0.004 lbs/ton
crushing	0.0012 lbs/ton	0.00054 lbs/ton
screening	0.0022 lbs/ton	0.00074 lbs/ton
transfer points	0.00014 lbs/ton	0.000046 lbs/ton

The emission factors for truck unloading and front end loader dumping into the feeder are derived from AP-42 Section 13.2.4 (11/06).

Provided compliance is demonstrated with the annual throughput restriction and the requirements to apply best available control measures to prevent fugitive particulate emissions, compliance with the annual emission limitations shall be assumed.

b. Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity, as a 3-minute average (truck unloading and front end loader dumping into a feeder).

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, Appendix A (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 particulate emissions shall not exceed 15% opacity, as a 6-minute average from any crusher, at which a capture system is not used.

Applicable Compliance Method:

If required, compliance shall be demonstrated using Method 9 of 40 CFR Part 60, Appendix A, and the procedures specified in 40 CFR Part 60, Subpart OOO, section 60.675.

d. Emission Limitation:

Visible particulate emissions shall not exceed 10% opacity, as a 6-minute average from any screen or transfer point (unless otherwise specified).

Applicable Compliance Method:

If required, compliance shall be demonstrated using Method 9 of 40 CFR Part 60, Appendix A, and the procedures specified in 40 CFR Part 60, Subpart OOO, section 60.675.

e. Emission Limitation:

Visible particulate emissions shall not exceed 0% opacity, as a 6-minute average from any wet screening operations and subsequent transfer points that process saturated materials.

Applicable Compliance Method:

If required, compliance shall be demonstrated using Method 22 of 40 CFR Part 60, Appendix A, and the procedures specified in 40 CFR Part 60, Subpart OOO, section 60.675.

(2) The permittee shall conduct, or have conducted, visible emissions testing for all fugitive emissions points of emissions unit F004, that are subject to 40 CFR Part 60, Subpart OOO.

In accordance with 40 CFR Part 60, Subpart OOO, Section 60.675(h)(1), visible emissions testing is not required for wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process saturated material in the production line up to, but not including the next crusher, grinding mill or storage bin**.**

(3) 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.

(4) The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, by not later than 180 days after 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.

(5) The following test methods shall be employed to demonstrate compliance with the allowable visible emissions rates:

a. Method 9 of 40 CFR Part 60, Appendix A shall be used to determine opacity.

(6) The tests shall be conducted while the emissions unit is operating at its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northwest District Office. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an “Intent to Test” notification to the Ohio EPA Northwest District Office. The “Intent to Test” notification shall describe in detail the proposed test methods and procedures, the emissions unit operation parameters, the times and dates of the tests, and the person(s) who will be conducting the tests. Failure to submit such notification for review and approval prior to the tests may result in the Ohio EPA Northwest District Office’s refusal to accept the results of the emission tests.

(7) Personnel from the Ohio EPA 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 from the emissions unit and /or the performance of the control equipment.

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

g) Miscellaneous Requirements

(1) None.