



State of Ohio Environmental Protection Agency

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Columbus, Ohio 43215

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Columbus, OH 43216-1049

4/14/2009

Ms. Beth Mowrey
StoneCo, Inc Maumee Quarry
P.O. Box 266
Thornville, OH 43076

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0448030006
Permit Number: P0088582
Permit Type: Renewal
County: Lucas

Certified Mail

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

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 Toledo Department of Environmental Services. 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: TDES

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director



**State of Ohio Environmental Protection Agency
Division of Air Pollution Control**

FINAL

**Air Pollution Permit-to-Install and Operate
for
StoneCo, Inc Maumee Quarry**

Facility ID: 0448030006
Permit Number: P0088582
Permit Type: Renewal
Issued: 4/14/2009
Effective: 4/14/2009
Expiration: 4/14/2019



Air Pollution Permit-to-Install and Operate
for
StoneCo, Inc Maumee Quarry

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State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate
Permit Number: P0088582
Facility ID: 0448030006
Effective Date: 4/14/2009

Authorization

Facility ID: 0448030006
Application Number(s): A0005697, A0019759
Permit Number: P0088582
Permit Description: Three million ton per year stone quarry.
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 4/14/2009
Effective Date: 4/14/2009
Expiration Date: 4/14/2019
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15
This document constitutes issuance to:

StoneCo, Inc Maumee Quarry
1360 Ford St.
Maumee, OH 27666

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:

Toledo Department of Environmental Services
348 South Erie Street
Toledo, OH 43604
(419)936-3015

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: P0088582
Permit Description: Three million ton per year stone quarry.

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: F001
Superseded Permit Number: 04-1145
General Permit Category and Type: Not Applicable
- Emissions Unit ID: F004**
Company Equipment ID: F004
Superseded Permit Number: 04-1145
General Permit Category and Type: Not Applicable
- Emissions Unit ID: F005**
Company Equipment ID: F005
Superseded Permit Number: 04-1145
General Permit Category and Type: Not Applicable
- Emissions Unit ID: F006**
Company Equipment ID: F006
Superseded Permit Number: 04-01312
General Permit Category and Type: Not Applicable



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0088582

Facility ID: 0448030006

Effective Date: 4/14/2009

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 Toledo Department of Environmental Services 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



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0088582

Facility ID: 0448030006

Effective Date: 4/14/2009

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.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0088582

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Effective Date: 4/14/2009

B. Facility-Wide Terms and Conditions



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0088582

Facility ID: 0448030006

Effective Date: 4/14/2009

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.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0088582

Facility ID: 0448030006

Effective Date: 4/14/2009

C. Emissions Unit Terms and Conditions



1. F001, F001

Operations, Property and/or Equipment Description:

3 million tons per year aggregate processing plant: Mineral Extraction including drilling, blasting and off-road truck loading

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) (PTI 04-1145 issued 12/21/1998)	Particulate emissions (PE) shall not exceed 9.38 tons per year. Particulate matter emissions less than or equal to 10 microns in diameter (PM10) shall not exceed 4.5 tons per year. There shall be no visible particulate emissions from the drilling rig baghouse. See b)(2)b. through b)(2)(e).
b.	OAC rule 3745-17-07(B)	Visible particulate emissions from fugitive dust shall not exceed twenty percent opacity as a three-minute average.
c.	OAC rule 3745-17-08(B)	See b)(2)a. and b)(2)e.



(2) Additional Terms and Conditions

a. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

b. The material handling operation(s) that are covered by this permit and subject to the above-mentioned requirements are listed below:

hole drilling, blasting, and off-road truck loading

c. The permittee shall employ best available control measures for the above-identified material handling operation(s) 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 measure(s) to ensure compliance:

<u>material handling operation(s)</u>	<u>control measure(s)</u>
hole drilling	dust ejector system with exhaust to fabric filter
blasting	minimizing the area to be blasted and prevention of overshooting during blasting
off-road truck loading	maintain or apply sufficient moisture to control dust emissions, and minimize drop heights

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

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

e. 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 rules 3745-17-08 and 3745-31-05.

c) Operational Restrictions

(1) The maximum mineral extraction rate as determined by the amount loaded into trucks shall not exceed 3,000,000 tons per year.



d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

<u>material handling operations</u>	<u>minimum inspection frequency</u>
hole drilling	weekly
blasting	none applicable
off-road truck loading	weekly

- (2) The above-mentioned inspections shall be performed during representative, normal operating conditions.
- (3) The permittee may, upon receipt of written approval from the Toledo Division of Environmental Services, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
- (4) The permittee shall maintain 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.
- (5) The information in (4)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.
- (6) The permittee shall maintain monthly records of the mineral extraction throughput (i.e. the amount of materials loaded into trucks), in tons per month. For each month, the permittee shall also calculate the annual, year-to-date, amount processed (cumulative total of each month to date from January thru 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 emission limitations in b) of the terms and conditions of this permit shall be determined in accordance with the following methods:

a. Emission Limitations:

PE shall not exceed 9.38 tons per year; PM10 emissions shall not exceed 4.5 tons per year.

Applicable Compliance Method:

Compliance may be determined by the following one-time calculation. Sum the emissions from drilling, blasting, and off-road truck loading as calculated below.

Drilling

Multiply the particulate emission factor from AP-42 table 11.9-4 dated 7/98 for drilling (1.3 lb/hole) by the maximum number of holes drilled per year at a throughput of 3 million tons per year (3,300 holes/yr) and divide by 2,000 pounds per ton and multiplied by one minus the capture efficiency multiplied by the dry filtration control efficiency (1-(0.9*0.99)). The PM10 emission rate may be assumed to be PE multiplied by 0.52. PE = 0.23 ton/yr and PM10 = 0.12 ton/yr

Blasting

Multiply the particulate emission factor from Ohio EPA RACM Guide Table 2.1.4-4 dated 8/83 for blasting (0.001 lb/ton) by the maximum number of tons of stone mined (3,000,000 tons/yr) and divide by 2,000 pounds per ton. The PM10 emission rate may be determined by multiplying PE by 0.52. PE = 1.5 tons/yr and PM10 = 0.78 ton/yr

Off-road truck loading

Multiply the emission factor equation (1) in Section 13.2.4, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 (revised 11/06) for truck loading (PE 0.0051 lb/ton; PM10 0.0028 lb/ton) by the maximum annual throughput rate (3,000,000 tons per year), multiply by 2 to account for front-end loader and rock truck loading, divide by 2,000 pounds per ton, and multiply by one minus the control efficiency (1-0.5) to account for trucks being loaded below ground level. PE = 7.65 tons/yr and PM10 = 4.2 tons/yr

b. Emission Limitation:

Visible particulate emissions from fugitive dust shall not exceed twenty percent opacity as a three-minute average.

Applicable Compliance Method:

Compliance shall be determined in accordance with 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 OAC rule 3745-17-03(B)(3).

c. Emission Limitation:

There shall be no visible particulate emissions from the drilling rig baghouse.

Applicable Compliance Method:

Compliance 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 has indicated that there is no topsoil or overburden removal at this facility due to utilizing an existing site. If these circumstances change, the permittee may be required to submit an application to modify this permit.



2. F004, F004

Operations, Property and/or Equipment Description:

3 million tons per aggregate processing plant: Storage Piles including shot, surge, and product piles

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) (PTI 04-1145 issued 12/21/1998)	Particulate matter emissions less than or equal to 10 microns in diameter (PM10) shall not exceed 1.29 tons per year. Particulate emissions (PE) shall not exceed 2.69 tons per year. There shall be no visible PE, except for a period of time not to exceed one minute during any 60-minute period. best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust (See b)(2)a. through b)(2)e.)
b.	OAC rule 3745-17-07(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).



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

(2) Additional Terms and Conditions

- a. The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee’s application, the permittee has committed to maintain minimal drop heights for stackers and front-loaders, and chemical stabilization/dust suppressants and/or watering/sprinkling systems at sufficient treatment frequencies to ensure compliance.

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

- b. The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.
- c. The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the application, the permittee has committed to perform one or more of the following: (chemical stabilization, watering/sprinkling systems/hoses, covering the storage piles) to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- d. The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.
- e. Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rules 3745-17-08 and 3745-31-05.

c) Operational Restrictions

- (1) None.



d) Monitoring and/or Recordkeeping Requirements

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

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

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

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

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

<u>storage pile identification</u>	<u>minimum wind erosion inspection frequency</u>
all	daily

(4) No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

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

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

- a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
- b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
- c. the dates the control measures were implemented; and
- d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).



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

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 b) of the terms and conditions of this permit shall be determined in accordance with the following methods:

a. Emissions Limitations:

PM10 emissions shall not exceed 1.29 tons per year.

PE shall not exceed 2.69 tons per year.

Applicable Compliance Method:

Compliance with fugitive PE limitations shall be determined by using the emission factor equations in Sections 13.2.4 and 13.2.5, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 dated 11/06, for load-in operations, load-out operations, and wind erosion. These emission limits were based on a maximum production of 3,000,000 tons per year, a maximum storage surface area of 4.38 acres, and a 95% overall control efficiency for PE and PM10 for load-in and load out, and a 75% overall control efficiency for PE and PM10 for wind erosion.

b. Emission Limitation:

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

Applicable Compliance Method:

Compliance with the visible PE limitations for the storage piles identified above shall be determined in accordance with Test Method 22 as set forth in Appendix on Test Methods in 40 CFR, Part 60 (Standards of Performance for New Stationary Sources).

g) Miscellaneous Requirements

- (1) None.



3. F005, F005

Operations, Property and/or Equipment Description:

3 million tons per year aggregate processing plant: Paved and 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 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
	Paved roadways and parking areas [see b)(2)a.]	
a.	OAC rule 3745-31-05 (A)(3) (PTI 04-1145 issued 12/21/1998)	Particulate emissions (PE) shall not exceed 11.75 tons per year. Particulate matter emissions less than or equal to 10 microns in diameter (PM10) shall not exceed 2.29 tons per year. There shall be no visible particulate emissions (PE) except for one minute during any 60-minute observation period best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust [see b)(2)c. through b)(2)j.]
b.	OAC rule 3745-17-07(B)(4)	see b)(2)k.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
c.	OAC rule 3745-17-08(B), (B)(8), (B)(9)	see b)(2)c. through b)(2)j.
	Unpaved roadways and parking areas [see b)(2)b.]	
d.	OAC rule 3745-31-05 (A)(3) (PTI 04-1145 issued 12/21/1998)	PE shall not exceed 23.9 tons per year. PM10 emissions shall not exceed 7.0 tons per year. There shall be no visible PE except for 3 minutes during any 60-minute period best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust [see b)(2)c. through b)(2)j.]
e.	OAC rule 3745-17-07(B)(5)	see b)(2)k.
f.	OAC rule 3745-17-08(B), (B)(2)	see b)(2)c. through b)(2)j.

(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.

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

Haul roads and 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 application, the permittee has committed to treat the paved roadways and parking areas by flushing with water at sufficient treatment frequencies 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 shoulders of all paved roadways for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to treat the unpaved shoulders of all paved roadways with water and/or any other suitable dust suppressant at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph



shall prohibit the permittee from employing other control measures to ensure compliance.

- e. The permittee shall employ best available control measures on all unpaved roadways for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to treat the unpaved roadways with water and any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- f. 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 unpaved roadways and parking areas that are covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- g. Any unpaved roadway, 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 that takes the characteristics of a paved roadway due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways. Any unpaved roadway that is paved shall be subject to the visible emission limitation for paved roadways.
- h. 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.
- i. 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.
- j. 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 rules 3745-17-08 and 3745-31-05.
- k. The emission limitation specified by this rule is less stringent than the emission limitation established by OAC rule 3745-31-05(A)(3).

c) Operational Restrictions

- (1) None.



d) Monitoring and/or Recordkeeping Requirements

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

paved roadways and parking areas minimum inspection frequency

all paved roads and parking areas daily

unpaved roadways and parking areas minimum inspection frequency

all unpaved roads and parking areas daily

- (2) The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

- (3) The permittee shall maintain records of the following information:

- 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 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 (3)d. shall be kept separately for (i) the paved roadways and parking areas and (ii) 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 b) shall be determined in accordance with the following methods:

a. Emission Limitations:

PE and PM10 emissions from paved roadways and parking lots shall not exceed 11.75 tons per year and 2.29 tons per year, respectively.

Applicable Compliance Method:

Compliance with PE and PM10 limitations shall be determined by using the emission factor equations in Sections 13.2.1, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 dated 11/06 for paved roadways along with a 90% control efficiency. Should further updates in AP-42 occur, the most current equations for unpaved roads shall be used.

b. Emission Limitations:

PE and PM10 emissions from unpaved roadways and parking lots shall not exceed 23.9 tons per year and 7.0 tons per year, respectively.

Applicable Compliance Method:

Compliance with PE and PM10 limitations shall be determined by using the emission factor equations in Sections 13.2.2, in Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume 1 dated 11/06 for unpaved roadways along with a 95% control efficiency. Should further updates in AP-42 occur, the most current equations for unpaved roads shall be used.

c. 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. 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 limitations 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, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03. Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

g) Miscellaneous Requirements

(1) None.



4. F006, F006

Operations, Property and/or Equipment Description:

3 million tons per year aggregate processing plant: Aggregate processing equipment – truck dumping, crushing, screening, conveyors, transfer points, storage bins, and product loading

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) (PTI 04-01312 issued 5/6/2008)	Particulate emissions (PE) shall not exceed 32.30 pounds per hour and 40.38 tons per year. Particulate matter emissions less than or equal to 10 microns in diameter (PM10) shall not exceed 11.27 pounds per hour and 14.09 tons per year. best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust [see b)(2)d. through b)(2)h.]
b.	OAC rule 3745-17-07(B), (B)(1)	Visible particulate emissions from fugitive dust shall not exceed twenty percent opacity as a three-minute average from truck dumping and product loading into trucks. see b)(2)b.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
c.	OAC rule 3745-17-08(B), (B)(3)	see b)(2)d. through b)(2)f.
d.	40 CFR Part 60 Subpart OOO	Visible fugitive emissions from crushing shall not exceed 15% opacity as a six-minute average. Visible fugitive emissions from all operations identified in b)(2)a., except for crushers, truck dumping and product loading into trucks, shall not exceed 10% opacity as a six-minute average.
e.	40 CFR Part 60 Subpart A	Table 1 of 40 CFR Part 60 Subpart OOO (40 CFR 60.670(f)) specifies the General Provisions that apply and those that do not apply to affected facilities subject to Subpart OOO.

(2) Additional Terms and Conditions

- a. The material handling operation(s) that are covered by this permit and subject to the above-mentioned requirements are listed below:

Fifty-nine pieces of material handling equipment (truck dumping, crushing, screening, plant conveyors and transfer points, bins, and product loading)

- b. The emission limitation specified by this rule is less stringent than the emission limitation specified by 40 CFR Part 60 Subpart OOO for all material handling operations specified in b)(2)a., except for truck dumping and product loading into trucks.
- c. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
- d. The permittee shall employ best available control measures for the above-identified material handling operation(s) 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 measure(s) to ensure compliance:

material handling operation(s)

truck dumping

control measure(s)

maintain or apply sufficient moisture to control dust emissions; minimize drop heights



crushing and screening	enclose and control, by applying sufficient water to adequately control the fugitive dust emissions.
plant conveyors and transfer points	maintain or apply sufficient moisture at the crushing station(s) to control dust emissions from all subsequent conveyors and transfer points; minimize drop heights
storage bins	enclose and/or control, by maintaining or applying sufficient moisture to adequately control the fugitive dust emissions
product loading	maintain or apply sufficient moisture, to adequately control the fugitive dust emissions, and minimize drop heights.

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

- e. For each material handling operation that is not adequately enclosed, the above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the material handling operation(s) until further observation confirms that use of the control measure(s) is unnecessary.
- f. 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 rules 3745-17-08 and 3745-31-05(A)(3).
- g. The requirements of this rule also include compliance with OAC rule 3745-17-07(B)(1), OAC rule 3745-17-08(B)(3), and 40 CFR Part 60 Subpart OOO.
- h. The hourly emission limitations were established for PTI purposes to reflect the potential to emit for this emission unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

c) Operational Restrictions

- (1) The maximum annual throughput for the primary crusher shall not exceed 3 million tons, based upon a rolling, 12-month summation of the monthly throughputs.



d) Monitoring and/or Recordkeeping Requirements

- (1) 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:

<u>Material Handling Operation(s)</u>	<u>Minimum Inspection Frequency</u>
All Operations	Once During Each Day of Operation

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

- (2) The permittee may, upon receipt of written approval from the Toledo Division of Environmental Services, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
- (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. 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) The permittee shall maintain monthly records of the following information:
 - a. The throughput of the primary crusher for each month.
 - b. A 12-month, rolling summation of the monthly throughputs for the primary crusher.

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 b) shall be determined in accordance with the following methods:

a. Emissions Limitation:

Visible fugitive emissions shall not exceed 10% opacity as a six-minute average; visible fugitive emissions shall not exceed 15% opacity as a six-minute average

Applicable Compliance Method:

Compliance with the visible emission limitation for the material handling operation(s) identified above shall be determined in accordance with 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, 1996, and where applicable, the modifications listed in 40 CFR, Part 60.675. Alternate U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

b. Emissions Limitation:

Visible emissions of fugitive particulate shall not exceed 20% opacity as a three-minute average, unless otherwise specified by the rule

Applicable Compliance Method:

Compliance with the visible emission limitation for the material handling operation(s) identified above shall be determined in accordance with 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, 1996, and where applicable, the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03. Alternate U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

c. Emissions Limitations:

PE shall not exceed 32.30 pounds per hour

Applicable Compliance Method:

These emission limitations were established to reflect the potential to emit for this emissions unit at a maximum processing rate 1,200 tons per hour at the primary crusher. Compliance may be demonstrated through calculations performed as follows: multiply the controlled emission factors in AP-42, Chapter 11.19.2-2 (revised 8/04) for each crusher (0.0012 pounds/ton), each screen (0.0022 pounds/ton), each conveyor (0.00014 pounds/ton), truck dumping (0.00014 pounds/ton) and product loading (0.00014 pounds/ton) by the maximum processing rate per hour.



d. Emissions Limitations:

PE shall not exceed 40.38 tons per year

Applicable Compliance Method:

These emission limitations were established to reflect the potential to emit for this emissions unit at the operational restriction of 3,000,000 tons per year. Compliance may be demonstrated through calculations performed as follows: multiply the controlled emission factors in AP-42, Chapter 11.19.2-2 (revised 8/04) for each crusher (0.0012 pound/ton), each screen (0.0022 pound/ton), each conveyor (0.00014 pound/ton), truck dumping (0.00014 pound/ton) and product loading (0.00014 pound/ton) by the actual rolling, 12-month summation of the throughput and divide by 2,000 pounds per ton.

e. Emissions Limitation:

PM10 emissions shall not exceed 11.27 pounds per hour

Applicable Compliance Method:

These emission limitations were established to reflect the potential to emit for this emissions unit at a maximum processing rate 1,200 tons per hour at the primary crusher. Compliance may be demonstrated through calculations performed as follows: multiply the controlled emission factors in AP-42, Chapter 11.19.2-2 (revised 8/04) for each crusher (0.00054 pound/ton), each screen (0.00074 pound/ton), each conveyor (0.000046 pound/ton), truck dumping (0.000016 pound/ton) and product loading (0.00010 pound/ton) by the maximum processing rate per hour.

f. Emissions Limitation:

PM10 emissions shall not exceed 14.09 tons per year

Applicable Compliance Method:

These emission limitations were established to reflect the potential to emit for this emissions unit at the operational restriction of 3,000,000 tons per year. Compliance may be demonstrated through calculations performed as follows: multiply the controlled emission factors in AP-42, Chapter 11.19.2-2 (revised 8/04) for each crusher (0.00054 pound/ton), each screen (0.00074 pound/ton), each conveyor (0.000046 pound/ton), truck dumping (0.000016 pound/ton) and product loading (0.00010 pound/ton) by the actual rolling, 12-month summation of the throughput and divide by 2,000 pounds per ton.

g) Miscellaneous Requirements

- (1) None.