John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

6/11/2013

Certified Mail

Mr. Chip Tokar
STANSLEY MINERAL RESOURCES
5679 N. Main Street
Sylvania, OH 43560

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

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0362000125
Permit Number: P0114851
Permit Type: Initial Installation
County: Ottawa

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) 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. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**

How to appeal this permit

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

Environmental Review Appeals Commission
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,

Michael W. Ahern

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

Cc: Ohio EPA-NWDO

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
STANSLEY MINERAL RESOURCES

Facility ID:	0362000125
Permit Number:	P0114851
Permit Type:	Initial Installation
Issued:	6/11/2013
Effective:	6/11/2013
Expiration:	5/18/2019

Division of Air Pollution Control
Permit-to-Install and Operate
for
STANSLEY MINERAL RESOURCES

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Authorization

Facility ID:	0362000125
Application Number(s):	A0047900
Permit Number:	P0114851
Permit Description:	Aggregate Processing Plant
Permit Type:	Initial Installation
Permit Fee:	$0.00
Issue Date:	6/11/2013
Effective Date:	6/11/2013
Expiration Date:	5/18/2019

Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

STANSLEY MINERAL RESOURCES
677 CLAY CENTER ROAD
Genoa, OH 43430

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

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

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

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Scott J. Nally
Director

Authorization (continued)

Permit Number: P0114851
Permit Description: Aggregate Processing Plant

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:	Aggregate Processing Plant
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

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

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

2. Who is responsible for complying with this permit?

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

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

3. What records must I keep under this permit?

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

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

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

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

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

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

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

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is takenby 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[1] a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

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

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

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

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

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

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

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

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

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

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

   a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

      (1) None.

   b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

      (1) None.

C. Emissions Unit Terms and Conditions

1. F001, Aggregate Processing Plant

Operations, Property and/or Equipment Description:

aggregate processing plant with crushing, screening and conveying

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) b)(1)b., b)(2)i., b)(2)k., c)(1), c)(2), d)(1), d)(2), e)(1) and f)(2)a. through f)(2)f.

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)	Visible particulate emissions (PE) 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)c.] See b)(2)d. and b)(2)h.
b.	OAC rule 3745-31-05(D)	5.81 tons fugitive PE/rolling, 12-month period [See b)(2)k.i. & c)(1)] 2.09 tons fugitive particulate matter 10 microns or less is size (PM10)/rolling, 12-month period [See b)(2)k.ii. and c)(1)] See b)(2)i.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
c.	OAC rule 3745-17-07(B)	See b)(2)e.
d.	OAC rule 3745-17-08(B)	See b)(2)f.
e.	40 CFR, Part 60, Subpart OOO	Visible PE restrictions [See b)(2)g.]

(2) Additional Terms and Conditions

a. The permittee shall employ best available control measures for the material processing/handling operations identified below, 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 measure(s)
loading	reduced drop height
crushing and screening	water application, if needed
transfer/conveying	water application, if needed

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

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

e. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).

f. Stansley Mineral Resources, Inc. is not located within an “Appendix A” area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B)(1).

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

Emissions Point (Company ID)	Equipment Type	Opacity Limit as a 6-minute average, unless otherwise specified	Regulatory Basis for Limit
front-end loader to feeder 7009	transfer point	20%, as a 3-minute average	OAC rule 3745-31-05
Feeder 7009	Screen	10%	40 CFR Part 60, Subpart OOO
Feeder to Crusher 1	transfer point	15%	40 CFR Part 60, Subpart OOO
Crusher 1	crusher	15%	40 CFR Part 60, Subpart OOO
Crusher 1 to Conveyor	transfer point	15%	40 CFR Part 60, Subpart OOO
Conveyor 7009	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8022	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8023	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 4058	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8039	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor to Bin	transfer point	10%	40 CFR Part 60, Subpart OOO
Front-end loader to Hopper 1	transfer point	20%, as a 3-minute average	OAC rule 3745-31-05
Hopper 1 to Conveyor	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8057 to Bin	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor to Bin	transfer point	10%	40 CFR Part 60, Subpart OOO
Bin to Conveyor	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8040	transfer point	10%	40 CFR Part 60, Subpart OOO

Conveyor to Screen 1	transfer point	10%	40 CFR Part 60, Subpart OOO
Screen 1	Screen	10%	40 CFR Part 60, Subpart OOO
Screen 1 to Conveyor	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 7010	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8035	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8029	transfer point	10%	40 CFR Part 60, Subpart OOO
Screen 1 to Crusher 2	transfer point	15%	40 CFR Part 60, Subpart OOO
Crusher 2	Crusher	15%	40 CFR Part 60, Subpart OOO
Crusher 2 to Conveyor	transfer point	15%	40 CFR Part 60, Subpart OOO
Screen 1 to Conveyor	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8034	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8032	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8034	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8041	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor to Screen 2	transfer point	10%	40 CFR Part 60, Subpart OOO
Screen 2	Screen	10%	40 CFR Part 60, Subpart OOO
Screen 2 to Conveyor	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8044	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8042	transfer point	10%	40 CFR Part 60, Subpart OOO
Screen 2 to Bin	transfer point	10%	40 CFR Part 60, Subpart OOO

Bin to Conveyor	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8043	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor to Crusher 3	transfer point	15%	40 CFR Part 60, Subpart OOO
Crusher 3	Crusher	15%	40 CFR Part 60, Subpart OOO
Crusher 3 to Conveyor	transfer point	15%	40 CFR Part 60, Subpart OOO
Conveyor 7017B	transfer point	10%	40 CFR Part 60, Subpart OOO
Screen 2 to Conveyor	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8041	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8068	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8062	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8031	transfer point	10%	40 CFR Part 60, Subpart OOO
Screen 2 to Conveyor	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8056	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor to Screen 3	transfer point	10%	40 CFR Part 60, Subpart OOO
Screen 3	Screen	10%	40 CFR Part 60, Subpart OOO
Screen 2 to Conveyor	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8055	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8068	transfer point	10%	40 CFR Part 60, Subpart OOO
Screen 3 to Conveyor	transfer point	10%	40 CFR Part 60, Subpart OOO
Conveyor 8033	transfer point	10%	40 CFR Part 60, Subpart OOO

h. The requirements established pursuant to this rule also include compliance with the requirements established pursuant to OAC rule 3745-31-05(D).

i. Permit to Install 03-17352 for this air contaminant source takes into account a voluntary restriction on daily hours of operation for the purpose of establishing federally enforceable restrictions which can be applied to air modeling requirements [See c)(2)].

j. 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 for 40 CFR Part 60 are also federally enforceable.

k. This permit established the following federally enforceable emission limitations for purposes of reducing the potential to emit for emissions unit F001:

i. 5.81 tons fugitive PE per rolling, 12-month period based on annual material throughput restrictions [See c)(1)]; and

ii. 2.09 tons fugitive PM10 per rolling, 12-month period based on annual material throughput restrictions [See c) (1)].

c) Operational Restrictions

(1) The maximum annual material throughput rate for this emissions unit shall not exceed 1,000,000 tons per year, based upon a rolling, 12-month summation of the material throughput.

To ensure enforceability during the first 12 calendar months of operation under the provisions of this permit, the permittee shall not exceed the production levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Tons of Material Produced
1	250,000
1-2	328,182
1-3	386,364
1-4	454,546
1-5	522,728
1-6	590,910
1-7	659,092
1-8	727,274
1-9	795,456

1-10	863,638
1-11	931,820
1-12	1,000,000

After the first 12 calendar months of operation, compliance with the annual production limitation shall be based upon a rolling, 12-month summation of the material production.

(2) Emissions unit F001 shall not exceed 12 hours of operation per day.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the following information for this emissions unit:

a. the amount of material produced for each month;

b. beginning after the first 12 calendar months of operation under the provisions of this permit, the rolling, 12-month summation of the material production; and

c. during the first 12 calendar months of operation under the provisions of this permit, the permittee shall record the cumulative material production for each calendar month.

(2) The permittee shall maintain daily records of the hours of operation for emissions unit F001.

(3) 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:

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

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

(5) 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)(5)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.

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify:

a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the Potential to Emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:

i. the rolling 12-month material production limitation in section c)(1) of this permit;

ii. for the first 12 calendar months of operation following the startup of this emissions unit, the maximum allowable monthly cumulative material production levels in section c)(1) of this permit; and

iii. the daily hours of operation restriction in section c)(2) of this permit.

b. the probable cause of each deviation (excursion);

c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and

d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

(2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.

f) Testing Requirements

(1) The permittee shall conduct, or have conducted, emission testing for all transfer points, screens, and crushers of emissions unit F001.

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

b. The 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.

NOTE: The NSPS requirements contained in term and condition f)(1) have already been fulfilled as required by PTI #03-16301, issued on 8/2/05, therefore, no additional testing will required.

c. The following test methods shall be employed to demonstrate compliance with the allowable visible emissions rates:

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

d. The tests shall be conducted while the emissions unit is operating at its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Division of Air Pollution Control. 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, Division of Air Pollution Control. 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 District Office’s air agency’s refusal to accept the results of the emission tests.

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

f. Personnel from the Ohio EPA District Office’s air agency shall be permitted to witness the test, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions unit and /or the performance of the control equipment. 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 Division of Air Pollution Control within 30 days following completion of the tests.

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

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

a. Emission Limitation: 5.81 tons fugitive PE/rolling, 12-month period

Applicable Compliance Method: The annual PE limitation was established by multiplying the sum of fugitive PE from the crushing, screening, and transfer operations associated with this emissions unit by the maximum annual throughput rate, and then dividing by 2000 lbs/ton.

The emission rate was determined as follows:

i. for each crusher (3), multiply the appropriate emission factor from AP-42 of 0.0012 lb PE/ton processed (Chapter 11.19.2 - 8/04) by the maximum annual throughput of the crusher and divide by 2000 lbs/ton;

ii. for each screen (4), multiply the appropriate emission factor from AP-42 of 0.0022 lb PE/ton processed (Chapter 11.19.2 - 8/04) by the maximum annual throughput of the screen and divide by 2000 lbs/ton; and

iii. for each transfer point (34), multiply the appropriate emission factor from AP-42 of 0.00014 lb PE/ton processed (Chapter 11.19.2 - 8/04) by the maximum annual throughput of the transfer point and divide by 2000 lbs/ton.

Therefore, provided compliance is shown with the rolling, 12-month material production restriction, compliance with the annual emission limitation shall also be demonstrated.

b. Emission Limitation: 2.09 tons fugitive PM10/rolling, 12-month period

Applicable Compliance Method: The annual PM10 limitation was established by multiplying the sum of fugitive PE from the crushing, screening, and transfer operations associated with this emissions unit by the maximum annual throughput rate, and then dividing by 2000 lbs/ton.

The emission rate was determined as follows:

i. for each crusher (3), multiply the appropriate emission factor from AP-42 of 0.00054 lb PM-10/ton processed (Chapter 11.19.2 - 8/04) by the maximum annual throughput of the crusher and divide by 2000 lbs/ton;

ii. for each screen (4), multiply the appropriate emission factor from AP-42 of 0.00074 lb PM-10/ton processed (Chapter 11.19.2 - 8/04) by the maximum annual throughput of the screen and divide by 2000 lbs/ton; and

iii. for each transfer point (34), multiply the appropriate emission factor from AP-42 of 0.000046 lb PM-10/ton processed (Chapter 11.19.2 - 8/04) by the maximum annual throughput of the transfer point and divide by 2000 lbs/ton.

Therefore, provided compliance is shown with the rolling, 12-month material production restriction, compliance with the annual emission limitation shall also be demonstrated.

c. Emission Limitation: Visible PE shall not exceed 20% opacity, as a 3-minute average during loading operations of the feeder or hopper.

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.

d. Emission Limitation: The permittee shall not cause to be discharged into the atmosphere from any crusher, at which a capture system is not used, fugitive emissions which exhibit greater than 15% opacity.

Applicable Compliance Method: Compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO as specified in term and condition f)(1) above.

e. Emission Limitation: The permittee shall not cause to be discharged into the atmosphere from any transfer point or screen any fugitive emissions which exhibit greater than 10% opacity.

Applicable Compliance Method: Compliance shall be demonstrated using Method 9 of 40 CFR, Part 60, Appendix A, and the procedures in 40 CFR, Part 60, Subpart OOO as specified in term and condition f)(1) above.

f. Emission Limitation: Emissions unit F001 shall not exceed 12 hours of operation per day.

Applicable Compliance Method: Compliance with the hours of operation restriction shall be based on the record keeping specified in section d)(2).

g) Miscellaneous Requirements

(1) None.