



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

7/19/2013

Anthony Ruggiero  
S & S AGGREGATE Plant #14  
PO BOX 1585  
ZANESVILLE, OH 43702-1585

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE  
Facility ID: 0303002003  
Permit Number: P0114233  
Permit Type: OAC Chapter 3745-31 Modification  
County: Ashland

Certified Mail

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

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](http://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](http://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](http://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)352-8461 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



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  
S & S AGGREGATE Plant #14**

Facility ID:	0303002003
Permit Number:	P0114233
Permit Type:	OAC Chapter 3745-31 Modification
Issued:	7/19/2013
Effective:	7/19/2013
Expiration:	7/19/2023





**Division of Air Pollution Control**  
**Permit-to-Install and Operate**  
for  
S & S AGGREGATE Plant #14

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**Final Permit-to-Install and Operate**  
S & S AGGREGATE Plant #14  
**Permit Number:** P0114233  
**Facility ID:** 0303002003  
**Effective Date:** 7/19/2013

## Authorization

Facility ID: 0303002003  
Application Number(s): A0047396, A0048076  
Permit Number: P0114233  
Permit Description: Facility previously had F001 on registration status, a General Permit could not be attained because they did not meet all the qualifying criteria therefore a PTIO will be issued.  
Permit Type: OAC Chapter 3745-31 Modification  
Permit Fee: \$900.00  
Issue Date: 7/19/2013  
Effective Date: 7/19/2013  
Expiration Date: 7/19/2023  
Permit Evaluation Report (PER) Annual Date: Apr 1 - Mar 31, Due May 15

This document constitutes issuance to:

S & S AGGREGATE Plant #14  
4540 ST RTE 39  
Perrysville, OH 44864

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



**Final Permit-to-Install and Operate**  
S & S AGGREGATE Plant #14  
**Permit Number:** P0114233  
**Facility ID:** 0303002003  
**Effective Date:** 7/19/2013

## Authorization (continued)

Permit Number: P0114233

Permit Description: Facility previously had F001 on registration status, a General Permit could not be attained because they did not meet all the qualifying criteria therefore a PTIO will be issued.

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

<b>Emissions Unit ID:</b>	<b>F001</b>
Company Equipment ID:	Aggregated Processing Plant
Superseded Permit Number:	P0028398
General Permit Category and Type:	Not Applicable



**Final Permit-to-Install and Operate**  
S & S AGGREGATE Plant #14  
**Permit Number:** P0114233  
**Facility ID:** 0303002003  
**Effective Date:** 7/19/2013

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



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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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



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

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

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the 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<sup>1</sup> a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

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



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

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

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

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

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

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

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

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



**Final Permit-to-Install and Operate**  
S & S AGGREGATE Plant #14  
**Permit Number:** P0114233  
**Facility ID:** 0303002003  
**Effective Date:** 7/19/2013

## **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.
- 2.



**Final Permit-to-Install and Operate**  
S & S AGGREGATE Plant #14  
**Permit Number:** P0114233  
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**Effective Date:** 7/19/2013

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



**1. F001, Aggregate Processing Plant**

**Operations, Property and/or Equipment Description:**

Aggregate Processing Plant – Fixed sand and gravel plant with a capacity of 400 TPH wet aggregate processing, (3) crushing units, (4) screening units and (15) conveyors.

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
  - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
    - a. None.
  - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
    - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
  - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	8.89 tons fugitive particulate emissions less than ten microns in diameter (PM10)/yr  Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust [See b)(2)a. and b)(2)b.]  Visible particulate emissions (PE) restrictions [See b)(2)h.]  See b)(2)c. and b)(2)d.
b.	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/1/06	See b)(2)e.
c.	OAC rule 3745-17-07(B)	See b)(2)f.
d.	OAC rule 3745-17-08(B)	See b)(2)g.
f.	40 CFR Part 60, Subpart OOO	Visible PE restrictions [See b)(2)h.]



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	(40 CFR 60.670-676) See table 3.	

(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 applicable requirements of b)(1)a. In accordance with the permittee's permit application the permittee has committed to perform the following control measure(s) to ensure compliance:

Material Handling/Processing Operation	Control Measures
loading	wet application
crushing and screening	wet application
transfer and conveying	wet application

- b. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05(A)(3), as effective 11/30/01.
- c. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, the requirements of 3745-31-05(A)(3) as effective November 30, 2001 will no longer apply.
- d. The requirements of this rule also include compliance with 40 CFR Part 60, Subpart OOO.
- e. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the SIP.

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3)(a) do not apply to the PM10 emissions from this air contaminant source since the potential to emit for PM10 is less than ten tons per year.

- f. 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).



- g. The facility 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).
- h. Visible emissions from the material processing/handling operation shall not exceed the following opacity restrictions:

<b>Material Handling/Processing Operation</b>	<b>Opacity limit</b>	<b>Regulatory Basis</b>
material unloading to feeder	20%, as a 3-minute average	OAC rule 3745-31-05(A)(3)
wet screening and screening of saturated materials	no visible emissions	OAC rule 3745-31-05(A)(3)
conveyor transfer points of saturated materials	no visible emissions	OAC rule 3745-31-05(A)(3)
transfer points on belt conveyors or any other affected facility in a building	7%, as a 6-minute average	40 CFR Part 60 Subpart OOO
Crushing/with no capture system	15%, as a 6-minute average	OAC rule 3745-31-05(A)(3)
conveyor transfer points feeding and exiting crushers	15%, as a 6-minute average	OAC rule 3745-31-05(A)(3)
grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations	10%, as a 6-minute average	OAC rule 3745-31-05(A)(3)
<b>For affected facilities (as defined in 60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983, but before April 22, 2008:</b>		
Crushing/with no capture system	15%, as a 6-minute average	40 CFR Part 60 Subpart OOO



conveyor transfer points feeding and exiting crushers	15%, as a 6-minute average	40 CFR Part 60 Subpart OOO
grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations, and any other affected facility as defined by this rule	10%, as a 6-minute average	40 CFR Part 60 Subpart OOO
<b>For affected facilities (as defined in 60.670 and 60.671) that commenced construction, modification, or reconstruction on or after April 22, 2008:</b>		
crushers with no capture system	12%, as a 6-minute average	40 CFR Part 60 Subpart OOO
grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations, and any other affected facility as defined by this rule	7%, as a 6-minute average	40 CFR Part 60 Subpart OOO

c)

Additional Restrictions

(1) The maximum annual material throughput for this emissions unit shall not exceed 3,000,000 tons. This restriction is based on the material throughput at the aggregate bin.

d) Monitoring and/or Recordkeeping Requirements

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

(2) 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 operation(s)                      Minimum inspection frequency

All    Once per day of operation

- (3) The permittee shall maintain records of the following information:
- a. the date and reason any required inspection was not performed;
  - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
  - c. the dates the control measure(s) was (were) implemented; and
  - d. on a monthly basis, the total number of days the control measure(s) was (were) implemented.

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

- (4) The permittee shall comply with the applicable monitoring and recordkeeping requirements under 40 CFR, Part 60, Subpart OOO, including the following:

60.674(b)	Monthly inspections of water flowing to discharge spray nozzles in the wet suppression system. Initiate corrective action within 24 hours and record inspection and corrective action in logbook required in 60.676(b).
60.676(b)	Maintain a record of inspections and corrective actions in logbook.

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The 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.
- (2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements in term numbers d)(3) above:
  - a. each day during which an inspection was not performed by the required frequency; and



- b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

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

- (3) The permittee shall submit notifications and reports to the appropriate Ohio EPA District office as required pursuant to 40 CFR, Part 60, Subpart OOO, per the following sections:

60.676(a)	Reporting of replacement activities
60.676(f)	Reports of any performance tests
60.676(g)	Report change in wet material processing operations
60.676(i)	Initial start-up report
60.676(k)	Submittal of Reports

f) Testing Requirements

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

- a. Emission Limitation:

8.89 tons fugitive PM10/yr

Applicable Compliance Method:

The annual limitation was established by summing the following fugitive PM10 emission rates:

crushing: The PM10 emission rate was established by multiplying the maximum quantity of material crushed (3,000,000 tons/year) by 0.00054 lb of PM10/ton of material (AP-42 Section 11.19.2 [08/04]), and 3 crushers then dividing by 2000 lbs/ton. [2.43 tpy].

screening: The PM10 emission rate was established by multiplying the maximum quantity of material screened (3,000,000 tons/year) by 0.00074 lb of PM10/ton of material (AP-42 Section 11.19.2 [08/04]), and 5 screens and then dividing by 2000 lbs/ton. [4.44 tpy].

transfer points: The PM10 emission rate was established by multiplying the maximum quantity of material handled by transfer point operations (3,000,000



tons/year) by 0.000046 lb of PM10/ton of material (AP-42 Section 11.19.2 [08/04]) and 28 transfer points and then dividing by 2000 lbs/ton. [2.02 tpy]

Therefore, provided compliance is shown with the annual restriction throughput and the requirements to apply best available control measures, compliance with the annual emission limitation shall also be demonstrated.

b. Emission Limitation:

Visible emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average during material unloading to feeder(s).

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

c. Emission Limitation:

No visible emissions from wet screening and screening of saturated materials

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with Method 22 of 40 CFR, Part 60, Appendix A.

d. Emission Limitation:

No visible emissions from conveyor transfer points of saturated materials

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

e. Emission Limitation:

The permittee shall not cause to be discharged into the atmosphere from any transfer points on belt conveyors or any other affected facility in a building, any visible emissions of fugitive dust which exhibit greater than 7% opacity, as a 6-minute average.

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 Sections f(2) through f(9) below.



f. Emission Limitation:

Visible emissions of fugitive dust shall not exceed 15%, as a 6-minute average from any crusher, at which a capture system is not used.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

g. Emission Limitation:

Visible emissions of fugitive dust shall not exceed 15%, as a 6-minute average from any conveyor transfer points feeding and exiting the crushers.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

h. Emission Limitation:

Visible emissions of fugitive dust shall not exceed 10%, as a 6-minute average from grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

i. Emission Limitation:

The permittee shall not cause to be discharged into the atmosphere from any crusher, at which a capture system is not used that commenced construction, modification, or reconstruction after August 31, 1983, but before April 22, 2008, any visible emissions of fugitive dust which exhibit greater than 15% opacity, as a 6-minute average.

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 Sections f)(2) through f)(9) below.

j. Emission Limitation:



The permittee shall not cause to be discharged into the atmosphere from any conveyor transfer points feeding and exiting crushers that commenced construction, modification, or reconstruction after August 31, 1983, but before April 22, 2008, any visible emissions of fugitive dust which exhibit greater than 15% opacity, as a 6-minute average.

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 Sections f)(2) through f)(9) below.

k. Emission Limitation:

The permittee shall not cause to be discharged into the atmosphere from any grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations, and any other affected facility as defined by this rule that commenced construction, modification, or reconstruction after August 31, 1983, but before April 22, 2008, any visible emissions of fugitive dust which exhibit greater than 10% opacity, as a 6-minute average.

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 Sections f)(2) through f)(9) below.

l. Emission Limitation:

The permittee shall not cause to be discharged into the atmosphere from any crusher, at which a capture system is not used that commenced construction, modification, or reconstruction on or after April 22, 2008, any visible emissions of fugitive dust which exhibit greater than 12% opacity, as a 6-minute average.

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 Sections f)(2) through f)(9) below.

m. Emission Limitation:

The permittee shall not cause to be discharged into the atmosphere from any grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations, and any other affected facility as defined by this rule that commenced construction, modification, or reconstruction on or after April 22, 2008, any visible emissions of fugitive dust which exhibit greater than 7% opacity, as a 6-minute average.



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 Sections f)(2) through f)(9) below.

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

Visible emissions testing is not required for wet screening operations and subsequent screening operations, bucket elevators, and belt conveyors that process “saturated material” in the production line, as defined in 60.671, up to, but not including the first crusher, grinding mill or storage bin. The permittee shall notify the appropriate district office or local air agency within 30 days following any change to the operations that causes the aggregate material to no longer meet this definition and the screening operations, bucket elevators, and belt conveyors shall become subject to the opacity standard in 40 CFR 60.672(b) and subsequent opacity testing.

- (3) Testing shall be conducted in accordance with the provisions of 40 CFR Part 60, Subpart A, section 60.8 and 40 CFR Part 60, Subpart OOO, section 60.675.
- (4) The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated, by not later than 180 days after initial startup of such facility and at such other times as may be required by the Ohio Environmental Protection Agency, Division of Air Pollution Control. The emission testing shall be conducted to demonstrate compliance with the allowable visible emission rates for particulate emissions.
- (5) The following test methods shall be employed to demonstrate compliance with the allowable visible emissions rates:
- a. Method 9 of 40 CFR Part 60, Appendix A shall be used to determine opacity.
- (6) The tests shall be conducted while the emissions unit is operating at its maximum capacity, unless otherwise specified or approved by the appropriate District Office (DO) or Local Air Agency (LAA).
- (7) Not later than 30 days prior to the proposed test date(s), the permittee shall submit an “Intent to Test” notification to the appropriate DO or LAA. 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 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)..
- (8) Personnel from the appropriate DO or LAA 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



**Final Permit-to-Install and Operate**

S & S AGGREGATE Plant #14

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characterization of the emissions from the emissions unit and /or the performance of the control equipment.

- (9) A comprehensive written report on the emissions tests shall be signed by the person or persons responsible for the tests and submitted to the appropriate DO or LAA within 30 days following completion of the tests. The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate DO or LAA.

g) Miscellaneous Requirements

- (1) None.