



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

**RE: FINAL PERMIT TO INSTALL
SENECA COUNTY
Application No: 03-13477**

CERTIFIED MAIL

	TOXIC REVIEW
	PSD
	SYNTHETIC MINOR
	CEMS
	MACT
OOO	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

DATE: 11/30/2000

Hanson Aggegates Midwest, Inc.
Jeff Stoll
8130 Brint Road
Sylvania, OH 43560

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging 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 Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 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. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

NWDO



FINAL PERMIT TO INSTALL 03-13477

Application Number: 03-13477

APS Premise Number: 0374000034

Permit Fee: **\$1800**

Name of Facility: Hanson Aggegates Midwest, Inc.

Person to Contact: Jeff Stoll

Address: 8130 Brint Road 8130 Brint Road
Sylvania, OH 43560

Location of proposed air contaminant source(s) [emissions unit(s)]:
4575 Seneca County Road 49
Bloomville, Ohio

Description of proposed emissions unit(s):

Aggregate processing plant with crushing screening conveying plant roadways and parking areas storage piles and blasting operations.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) 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 above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may

be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities prove to be inadequate or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
PE (fugitive)	44.67

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F001 - Aggregate processing plant with primary and secondary crushing, screening, conveying, and material handling operations.	OAC rule 3745-31-05 (A)(3)	11.89 TPY fugitive PE Visible Emission Restrictions (See A.2.c & A.2.d) Use of Best Available Control Measures (See A.2.a) See A.2.e
	40 CFR Part 60, Subpart OOO	Visible Emission Restrictions (See A.2.c & A.2.d)
	OAC Rule 3745-17-07(B)	See A.2.b
	OAC Rule 3745-17-08(B)	See A.2.b

2. Additional Terms and Conditions

- 2.a The permittee shall employ best available control measures to minimize or eliminate visible emissions of fugitive dust from emissions unit F001. If the inherent moisture in the stone is not sufficient to comply with the opacity restrictions of this permit, the permittee shall install equipment to apply water, or any other suitable dust suppressant, at appropriate locations on the line.

- 2.b** This emissions unit is a portable source and is applicable to the requirements of OAC rule 3745-17-07 (B) and 3745-17-08 (B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rules 3745-17-07 (B) and 3745-17-08 (B) are less stringent than the requirements established pursuant to OAC rule 3745-31-05 and NSPS Subpart 000.
- 2.c** Visible emissions from the material processing equipment when processing concrete materials shall not exceed the following opacity restrictions:

Emissions Point (Company ID)	Equipment Type	Opacity Limit as a Six-Minue Average	Regulatory Basis for Limit
Truck Unloading	Transfer Pt.	20%	OAC Rule 3745-31-05
Front-end Loader to Grizzly Feeder.	Transfer Pt.	20%	OAC Rule 3745-31-05
Grizzly Feeder to Primary Crusher	Transfer Pt.	5%	OAC Rule 3745-31-05
Primary Crusher	Crusher	15%	NSPS, Subpart 000
Grizzly Feeder to Conveyor 1	Transfer Pt.	5%	OAC Rule 3745-31-05
Primary Crusher to Conveyor 1	Transfer Pt.	5%	OAC Rule 3745-31-05
Conveyor 1 to Surge Bin	Transfer Pt.	5%	OAC Rule 3745-31-05
Surge Bin to Conveyor 2	Transfer Pt.	5%	OAC Rule 3745-31-05
Conveyor 2 to Screen 1	Transfer Pt.	5%	OAC Rule 3745-31-05
Screen 1	Screen	5%	OAC Rule 3745-31-05
Screen 1 to Conveyor 3	Transfer Pt.	5%	OAC Rule 3745-31-05
Screen 1 to Conveyor 5	Transfer Pt.	5%	OAC Rule 3745-31-05
Screen 1 to Conveyor 6	Transfer Pt.	5%	OAC Rule 3745-31-05
Conveyor 3 to Secondary Crusher	Transfer Pt.	5%	OAC Rule 3745-31-05
Secondary Crusher	Crusher	15%	OAC Rule 3745-31-05
Secondary Crusher to Conveyor 3A	Transfer Pt.	5%	OAC Rule 3745-31-05

Conveyor 6 to Conveyor 6A	Transfer Pt.	5%	OAC Rule 3745-31-05
Conveyor 6A to Surge Bin	Transfer Pt.	5%	OAC Rule 3745-31-05
Surge Bin to Conveyor 6B	Transfer Pt.	5%	OAC Rule 3745-31-05
Conveyor 6B to Conveyor C3A	Transfer Pt.	5%	OAC Rule 3745-31-05
Conveyor C3A to Screen 2	Transfer Pt.	5%	OAC Rule 3745-31-05
Screen 2	Screen	5%	OAC Rule 3745-31-05
Screen 2 to Tertiary Crusher	Transfer Pt.	5%	OAC Rule 3745-31-05
Tertiary Crusher	Crusher	15%	NSPS, Subpart OOO
Tertiary Crusher to Conveyor 4	Transfer Pt.	5%	OAC Rule 3745-31-05
Conveyor 4 to Conveyor C3A	Transfer Pt.	5%	OAC Rule 3745-31-05
Screen 2 to Conveyor 7	Transfer Pt.	5%	OAC Rule 3745-31-05
Screen 2 to Conveyor 8	Transfer Pt.	5%	OAC Rule 3745-31-05
Conveyor 7 to Screen 3	Transfer Pt.	5%	OAC Rule 3745-31-05
Screen 3	Screen	5%	OAC Rule 3745-31-05
Screen 3 to Conveyor 9	Transfer Pt.	5%	OAC Rule 3745-31-05
Screen 3 to Conveyor 10	Transfer Pt.	5%	OAC Rule 3745-31-05
Screen 3 to Conveyor 11	Transfer Pt.	5%	OAC Rule 3745-31-05
Screen 3 to Conveyor 12	Transfer Pt.	5%	OAC Rule 3745-31-05
Conveyor 12 to Conveyor 13	Transfer Pt.	5%	OAC Rule 3745-31-05
Conveyor 13 to Sand Screw	Transfer Pt.	5%	OAC Rule 3745-31-05
Sand Screw to Conveyor 14	Transfer Pt.	5%	OAC Rule 3745-31-05

Conveyor 5 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period.	OAC Rule 3745-31-05
Conveyor 6A to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor 8 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor 9 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor 10 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor 11 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05

Conveyor 12 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor 14	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05

*Note: Compliance with the opacity restrictions for these emissions points shall be achieved on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup.

**Note: The visible emission restrictions established by OAC rule 3745-31-05 are more stringent than the requirements established by NSPS, Subpart OOO.

2.d Visible emissions from the material processing equipment when processing non-concrete material shall not exceed the following opacity restrictions:

Emissions Point (Company ID)	Equipment Type	Opacity Limit as a Six-Minue Average	Regulatory Basis for Limit
Truck Unloading	Transfer Pt.	20%	OAC Rule 3745-31-05
Front-end Loader to Grizzly Feeder.	Transfer Pt.	20%	OAC Rule 3745-31-05
Grizzly Feeder to Primary Crusher	Transfer Pt.	10%	NSPS, Subpart OOO
Primary Crusher	Crusher	15%	NSPS, Subpart OOO
Grizzly Feeder to Conveyor 1	Transfer Pt.	10%	NSPS, Subpart OOO
Primary Crusher to Conveyor 1	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyer 1 to Surge Bin	Transfer Pt.	10%	NSPS, Subpart OOO
Surge Bin to Conveyor 2	Transfer Pt.	10%	NSPS, Subpart OOO

Conveyor 2 to Screen 1	Transfer Pt.	10%	NSPS, Subpart OOO
Screen 1	Screen	10%	NSPS, Subpart OOO
Screen 1 to Conveyor 3	Transfer Pt.	10%	NSPS, Subpart OOO
Screen 1 to Conveyor 5	Transfer Pt.	10%	NSPS, Subpart OOO
Screen 1 to Conveyor 6	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyor 3 to Secondary Crusher	Transfer Pt.	10%	NSPS, Subpart OOO
Secondary Crusher	Crusher	15%	OAC Rule 3745-31-05***
Secondary Crusher to Conveyor 3A	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyor 6 to Conveyor 6A	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyor 6A to Surge Bin	Transfer Pt.	10%	NSPS, Subpart OOO
Surge Bin to Conveyor 6B	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyor 6B to Conveyor C3A	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyor C3A to Screen 2	Transfer Pt.	10%	NSPS, Subpart OOO
Screen 2	Screen	10%	NSPS, Subpart OOO
Screen 2 to Tertiary Crusher	Transfer Pt.	10%	NSPS, Subpart OOO
Tertiary Crusher	Crusher	15%	NSPS, Subpart OOO
Tertiary Crusher to Conveyor 4	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyor 4 to Conveyor C3A	Transfer Pt.	10%	NSPS, Subpart OOO
Screen 2 to Conveyor 7	Transfer Pt.	10%	NSPS, Subpart OOO
Screen 2 to Conveyor 8	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyor 7 to Screen 3	Transfer Pt.	10%	NSPS, Subpart OOO

Screen 3	Screen	10%	NSPS, Subpart OOO
Screen 3 to Conveyor 9	Transfer Pt.	10%	NSPS, Subpart OOO
Screen 3 to Conveyor 10	Transfer Pt.	10%	NSPS, Subpart OOO
Screen 3 to Conveyor 11	Transfer Pt.	10%	NSPS, Subpart OOO
Screen 3 to Conveyor 12	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyor 12 to Conveyor 13	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyor 13 to Sand Screw	Transfer Pt.	10%	NSPS, Subpart OOO
Sand Screw to Conveyor 14	Transfer Pt.	10%	NSPS, Subpart OOO
Conveyor 5 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period.	OAC Rule 3745-31-05
Conveyor 6A to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor 8 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor 9 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05

Conveyor 10 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor 11 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor 12 to Storage Pile	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05
Conveyor 14	Transfer Pt.	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period	OAC Rule 3745-31-05

*Note: Compliance with the opacity restrictions for these emissions points shall be achieved on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup.

**Note: The visible emission restrictions established by OAC rule 3745-31-05 are more stringent than the requirements established by NSPS, Subpart OOO.

***Note: The Secondary Crusher was manufactured before 1983 and therefore is not subject to the requirements of 40 CFR Part 60 Subpart OOO.

2.e The requirements of this rule also include compliance with the requirements of 40 CFR Part 60 Subpart OOO.

2.f The application and enforcement of the provisions of the New Source Performance Standards (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.

B. Operational Restrictions

1. The maximum annual material throughput for this emissions unit shall not exceed 2,890,000 tons. This restriction is based on the material throughput of the Grizzly Feeder.
2. This facility shall submit a "Notice of Intent to Relocate a Portable or Mobile Source" from at least 30 days prior to any planned relocation of this source, in accordance with OAC rule 3745-31-03 (A)(1)(p). Approval of the planned relocation must be obtained from NWDO prior to the relocation. The "Notice of Intent to Relocate a Portable or Mobile Source" shall include all associated emission units such as Roadways and Parking Areas, Storage Piles, and Mineral Extraction activities.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the amount (tons per month and total tons, to date, for the calendar year) of material processed through the Grizzly Feeder of emissions unit F001.

D. Reporting Requirements

1. The permittee shall submit annual deviation (excursion) reports that identify any exceedances of the annual material throughput limitation, as well as the corrective actions taken to achieve compliance. These reports shall be submitted by January 31 of each year.
2. Pursuant to the general provisions of NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times for emissions unit F001:
 - a. construction date (no later than 30 days after such date);
 - b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
 - c. actual start-up date (within 15 days after such date); and
 - d. date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
Lazarus Government Center
P.O. Box 1049
Columbus, OH 43216-1049

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

E. Testing Requirements

1. Compliance Methods Requirements:

- a. Emission Limitations:
11.89 TPY fugitive PE

Applicable Compliance Method:

Compliance with the emissions limitations shall be determined in accordance with the record keeping specified in C.1 above and emissions factors in AP-42 Chapter 11.19.2 (1-95).

- b. Emission Limitation:
5% opacity for transfer points and screens when concrete material is the process material
10% opacity for transfer points and screens with all other applicable process materials

Applicable Compliance Method:

Method 9 of 40 CFR Part 60, Appendix A

- c. Emission Limitation:
15% opacity for primary crusher

Applicable Compliance Method:

Method 9 of 40 CFR Part 60, Appendix A

- d. Emission Limitation:
20% opacity for truck unloading

Applicable Compliance Method:

Method 9 of 40 CFR Part 60, Appendix A

- e. Emission Limitation:
No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period.

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"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

2. Emission Testing Requirements:

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

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.

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.

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.

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.

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.

F. Miscellaneous Requirements

NONE

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F002 - Plant paved and unpaved roadways and parking areas.	OAC rule 3745-31-05(A)(3)	17.90 TPY fugitive PE There shall be no visible particulate emissions from any unpaved roadway or parking area except for a period of time not to exceed three minutes during any 60-minute observation period, and no visible particulate emissions from any paved roadway except for a time not to exceed 1 minute during any 60-minute observation period.
	OAC Rule 3745-17-07 (B)	See A.2.a.
	OAC Rule 3745-17-08 (B)	See A.2.a.

2. Additional Terms and Conditions

- 2.a The paved and unpaved roadways and parking areas are associated with the portable aggregate processing plant F001 permitted under facility ID 0374000034. The emission limitation of 17.90 TPY fugitive PE represents the maximum emissions which will be emitted from the roadways and parking areas for any proposed site for relocation of the portable aggregate processing plant.

The roadways and parking areas are associated with a portable source and are applicable to the requirements of OAC Rule 3745-17-07 (B) and 3745-17-08 (B) when located in a "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rules 3745-17-07 (B) and 3745-17-08 (B) are less stringent than the requirements established pursuant to OAC rule 3745-31-05(A)(3).

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

Paved Roadways:

The 0.7-mile unpaved road segment traveled by employee traffic and loader traffic, as specified in the PTI application.

Paved Parking areas:

The 3,200 square foot area segment traveled by employee traffic, as specified in the PTI application.

Unpaved Roadways:

The 1.3 mile unpaved road segment traveled by employee traffic and loader traffic, as specified in the PTI application.

Unpaved Parking Areas:

The 15,700 square foot area segment traveled by employee traffic, as specified in the PTI application.

- 2.c The permittee shall employ best available control measures on all paved and unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas with water and/or 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.
- 2.d 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 an unpaved 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. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.e 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.
- 2.f 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.
- 2.g Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

B. Operational Restrictions

- 1. The permittee shall sweep the paved roadways, and parking areas to minimize or eliminate, at all times, visible emissions of fugitive dust generated by vehicular traffic. The following equipment shall be used to sweep the roadways and parking areas: water flushing. The paved surfaces shall be watered, at a minimum, every month. The permittee shall not be required to water during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.

2. Any material carried off the permitte's property and deposited onto public streets by vehicular traffic or by erosion by water, ect., shall be promptly removed and dispersed of properly to minimize or prevent resuspension.
3. A maximum speed limit of 10 miles per hour shall be posted and enforced on the property.
4. Open bodied vehicles transporting materials likely to become airborne shall be covered at all times.
5. The permittee shall apply dust suppressants to the unpaved roadways and parking areas to minimize or eliminate, at all times, visible emissions of fugitive dust generated, by vehicular traffic. Water shall be used as the dust suppressant, and the following equipment shall be waived during wet conditions when there is sufficient moisture to prevent visible emissions of fugitive dust.

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the paved and unpaved roadways and parking areas in accordance with the following frequencies:

Paved Roadways

All applicable

Minimum Inspection Frequency

Once during each day of operation

Paved Parking Areas

All applicable

Minimum Inspection Frequency

Once during each day of operation

Unpaved Roadways

All applicable

Minimum Inspection Frequency

Once during each day of operation

Unpaved Parking Areas

All Applicable

Minimum Inspection Frequency

Once during each day of operation

2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next inspection is within one week.
3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, 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, 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 4.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

Compliance Methods Requirements:

1. Emission Limitation-
17.90 tons fugitive PE/yr

Applicable Compliance Method-

Compliance shall be determined by calculating the emissions from paved and unpaved roadways and parking areas utilizing AP-42 emission factors, sections 13.2.1 (paved roads) and 13.2.2 (unpaved roads), revised 10/97 and 9/98, respectively).

2. Emissions Limitation-
No visible particulate emissions except for a period of time not to exceed 1 minute during any 60-minute observation period. (paved roadways)

No visible particulate emissions except for a period of time not to exceed 3 minutes during any 60-minute observation period. (unpaved roadways)

Applicable Compliance Method-
Method 22 of 40 CFR Part 60, Appendix A.

F. Miscellaneous Requirements

NONE

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F003 - Aggregate storage piles.	OAC Rule 3745-31-05 (A)(3)	5.20 TPY fugitive PE
load-in and load-out of storage piles (see Section A.2.a for identification of storage piles)	OAC Rule 3745-31-05 (A)(3)	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.b, A.2.f)
	OAC Rule 3745-17-07 (B)	See A.2.g.
	OAC Rule 3745-17-08 (B)	See A.2.g.
wind erosion from storage piles (see Section A.2.a for identification of storage piles)	OAC Rule 3745-31-05(A)(3)	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.d through A.2.f)
load-in and load-out of storage piles,	OAC Rule 3745-17-07 (B)	

and wind erosion from storage piles

OAC Rule 3745-17-08 (B)

See A.2.g.

See A.2.g.

2. Additional Terms and Conditions

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

- i. Material products storage pile
- ii. RAP storage pile
- iii. Concrete storage pile
- iv. Sand storage pile
- v. Gravel storage pile

2.b The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the load-in and load-out materials with water and/or any other suitable dust suppression chemicals to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.c The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.

2.d The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat each storage pile with water and/or 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.

2.e The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or

ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.

2.f Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rules 3745-17-08 and 3745-31-05.

2.g 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. Operational Restrictions

NONE

C. 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	Once during each day of operation

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	Once during each day of operation

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	Once during each day of operation

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 may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, 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.
7. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

The information required in 7.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.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

E. Testing Requirements

1. Emission Limitation
5.20 TPY fugitive PE

Applicable Compliance Method

Compliance shall be determined by calculating the emissions from the storage piles utilizing AP-42 emission factors, (sections 13.2.4, revised 10/97 and 9/98 respectively)

2. Emission Limitation

No visible emissions except for a period of time not to exceed 1 minute during any 60-minute observation period.

Applicable Compliance Method

Compliance with the visible emission 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"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

NONE

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F004 - Mineral extraction (includes overburden removal, drilling, blasting and loading).	OAC rule 3745-31-05 (A)(3)	9.68 TPY fugitive PE Use of best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.d. through A.2.e.) Opacity Restrictions (see A.2.f)
	OAC Rule 3745-17-07 (B)	None (see A.2.b.)
	OAC Rule 3745-17-08 (B)	None (see A.2.a.)

2. Additional Terms and Conditions

- 2.a Hansen Aggregates, Inc. - Seneca County Site 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).
- 2.b 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).
- 2.c The mineral extraction operations that are covered by this permit and subject to the above-mentioned requirements are listed below:

Overburden removal, blasting, drilling, off-road truck loading, and overburden loading into trucks

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

mineral extraction operation

control measure(s)

overburden removal & reclamation

minimize area of disturbed land surface, reclaim land surface as expeditiously as possible, maintenance of inherent moisture content with water truck

blasting

minimize area to be blasted, prevention of overshooting

drilling

emissions controlled by enclosure skirting

off road truck loading

prevent haul vehicle overloading, maintain low drop height from front end loader bucket

overburden loading into trucks

prevent haul vehicle overloading, maintain low drop height from front end loader bucket

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

- 2.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 rule 3745-31-05.

- 2.f** Visible particulate emissions shall not exceed 20% opacity as a 3-minute average from the following mineral extraction operations: overburden removal and reclamation, drilling, off-road truck loading, and overburden loading into trucks.

B. Operational Restrictions

NONE

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, for mineral extraction operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

<u>mineral extraction operation</u>	<u>minimum inspection frequency</u>
-------------------------------------	-------------------------------------

all

daily

2. The above-mentioned inspections shall be performed during representative, normal operating conditions.
3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA Northwest District Office, 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.

The information in 4.d. shall be kept separately for each mineral extraction operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - 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.
2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance Methods Requirements:

- a. Emission Limitation: 9.68 TPY fugitive PE;
- b. Applicable Compliance Method: The annual particulate emission limitations were developed by applying the following emission factors and control efficiencies to the associated process weight rates:

Mineral Extraction Operation	Maximum Process Weight Rate	Control Efficiency	Emission Factor Citation
Overburden Removal	300,000 tons/year	70%	RACM Table 2.1.4-3, 9/88
Truck Loading	1000,000 tons/year	None	AP-42 Section 13.2.4.3 1/95
Drilling	1,000,000 tons/year	90%	RACM Table 2.1.4-4, 9/88
Blasting	84 blasts/year	None	RACM Table 2.1.4-4, 9/88

F. Miscellaneous Requirements

NONE

NEW SOURCE REVIEW FORM B

PTI Number: 03-13477

Facility ID: 0374000034

FACILITY NAME Hanson Aggregate Midwest, Inc.

FACILITY DESCRIPTION Aggregate processing plant with crushing screening conveying plant roadways and parking areas storage piles and blasting operations. CITY/TWP Bloomville

SIC CODE 1422 SCC CODE 3-05-020-06 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION 330 TPH portable primary and secondary crushing, screening, and conveying operations. Material handling.

DATE INSTALLED 5/01

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment		11.89		11.89
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? Subpart OOO NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 03-13477

Facility ID: 0374000034

FACILITY NAME Hanson Aggregate Midwest, Inc.

FACILITY DESCRIPTION Aggregate processing plant with crushing screening conveying plant roadways and parking areas storage piles and blasting operations. CITY/TWP Bloomville

SIC CODE 1422 SCC CODE 3-05-020-06 EMISSIONS UNIT ID F002

EMISSIONS UNIT DESCRIPTION Paved and unpaved roadways and parking areas.

DATE INSTALLED 5/01

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment		17.90		17.90
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? OOO NESHAP? _____ PSD? _____ OFFSET POLICY? _____

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ _____

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES X NO

IDENTIFY THE AIR CONTAMINANTS: _____

NEW SOURCE REVIEW FORM B

PTI Number: 03-13477

Facility ID: 0374000034

FACILITY NAME Hanson Aggregate Midwest, Inc.

FACILITY DESCRIPTION Aggregate processing plant with crushing screening conveying plant roadways and parking areas storage piles and blasting operations. CITY/TWP Bloomville

SIC CODE 1422 SCC CODE 3-05-020-06 EMISSIONS UNIT ID F003

EMISSIONS UNIT DESCRIPTION Aggregate storage piles.

DATE INSTALLED 5/01

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Table with 6 columns: Pollutants, Air Quality Description, Actual Emissions Rate (Short Term Rate, Tons Per Year), and PTI Allowable (Short Term Rate, Tons Per Year). Rows include Particulate Matter, PM10, Sulfur Dioxide, Organic Compounds, Nitrogen Oxides, Carbon Monoxide, Lead, and Other: Air Toxics.

APPLICABLE FEDERAL RULES:

NSPS? OOO NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to containinants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 03-13477

Facility ID: 0374000034

FACILITY NAME Hanson Aggregate Midwest, Inc.

FACILITY DESCRIPTION Aggregate processing plant with crushing screening conveying plant roadways and parking areas storage piles and blasting operations. CITY/TWP Bloomville

SIC CODE 1422 SCC CODE 3-05-020-06 EMISSIONS UNIT ID F004

EMISSIONS UNIT DESCRIPTION Mineral extraction operations.

DATE INSTALLED 5/01

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment		9.68		9.68
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? OOO NESHAP? _____ PSD? _____ OFFSET POLICY? _____

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? NO

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ _____

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES X NO

IDENTIFY THE AIR CONTAMINANTS: _____

NEW SOURCE REVIEW FORM B

PTI Number: 03-13477

Facility ID: 0374000034

FACILITY NAME Hanson Aggregate Midwest, Inc.

FACILITY DESCRIPTION Aggregate processing plant with crushing screening conveying plant roadways and parking areas storage piles and blasting operations.

CITY/TWP Bloomville

Ohio EPA Permit to Install Information Form Please describe below any documentation which is being submitted with this recommendation (must be sent the same day). Electronic items should be submitted with the e-mail transmitting the PTI terms, and in software that CO can utilize. If mailing any hard copy, this section must be printed as a cover page. All items must be clearly labeled indicating the PTI name and number. Submit **hard copy items to Pam McGraner**, AQM&P, DAPC, Central Office, and electronic files to **airpti@epa.state.oh.us**

<u>Please fill out the following. If the checkbox does not work, replace it with an 'X'</u>	<u>Electronic</u>	<u>Additional information File Name Convention (your PTI # plus this letter)</u>	<u>Hard Copy</u>	<u>None</u>
<u>Calculations (required)</u>	<input type="checkbox"/>	0000000c.wpd	<input checked="" type="checkbox"/>	
<u>Modeling form/results</u>	<input type="checkbox"/>	0000000s.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>PTI Application (complete or partial)*</u>	<input type="checkbox"/>	0000000a.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>BAT Study</u>	<input type="checkbox"/>	0000000b.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Other/misc.</u>	<input type="checkbox"/>	0000000t.wpd	<input type="checkbox"/>	<input checked="" type="checkbox"/>

* Mandatory for netting, PSD, nonattainment NSR, 112(g), 21-07(G)(9)(g) and 21-09(U)(2)(f) - 2 complete copies.

Please complete (see comment bubble to the left for additional instructions):

NSR Discussion

See Permit Review Form

Please complete for these type permits (For PSD/NSR Permit, place mouse over this text):

Synthetic Minor Determination and/or **Netting Determination**
Permit To Install **ENTER PTI NUMBER HERE**

- A. Source Description
- B. Facility Emissions and Attainment Status
- C. Source Emissions
- D. Conclusion

PLEASE PROVIDE ADDITIONAL NOTES OR COMMENTS AS NECESSARY:

NONE

Please complete:

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

NEW SOURCE REVIEW FORM B

PTI Number: 03-13477

Facility ID: 0374000034

FACILITY NAME Hanson Aggregate Midwest, Inc.

FACILITY DESCRIPTION	Aggregate processing plant with crushing screening conveying plant roadways and parking areas storage piles and blasting operations.	CITY/TWP	Bloomville
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Pollutant
PE (fugitive)

Tons Per Year
44.67