



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL
ADAMS COUNTY**

CERTIFIED MAIL

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 07-00527

DATE: 2/13/2003

Hanson Aggregates Davon Inc
Jeff Parry
4281 Roush Rd
Hillsboro, OH 451339147

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,

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

cc: USEPA

PCHD



**Permit To Install
Terms and Conditions**

**Issue Date: 2/13/2003
Effective Date: 2/13/2003**

FINAL PERMIT TO INSTALL 07-00527

Application Number: 07-00527
APS Premise Number: 0701000002
Permit Fee: **\$1000**
Name of Facility: Hanson Aggregates Davon Inc
Person to Contact: Jeff Parry
Address: 4281 Roush Rd
Hillsboro, OH 451339147

Location of proposed air contaminant source(s) [emissions unit(s)]:

**848 Plum Run Rd
Peebles, Ohio**

Description of proposed emissions unit(s):

**Aggregate crushing, screening and washing plant (Plant no. 3 - dump hopper, crushers, and screens)
Modification to install 2 new PEP screens, 9 new conveyors, 1 new holding bin.**

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

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping 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 record keeping 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

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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

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Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit 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 cannot meet the requirements of this permit 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 Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

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 ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

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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> |
|--------------------------|----------------------|
| Particulate Emissions | 78.21 |

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 secondary and tertiary crushing, screening, conveying and material handling operations (Plant no. 3) Modification to install 2 new PEP screens, 9 new conveyors, 1 new holding bin | OAC rule 3745-31-05(A)(3) 40 CFR Part 60, Subpart 000 | Particulate emissions shall not exceed 24.0 lbs/hr and 78.9 tons per year. See Section A.2.e through i below. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart 000. See Section A.2.a, b, c & d below. |

2. Additional Terms and Conditions

- 2.a There shall be no visible particulate emissions of fugitive dust from any transfer point on belt conveyors or from any other emissions point (excluding crushers and truck dumping) where process materials are not saturated, which exhibit greater than 10% opacity.
- 2.b There shall be no visible particulate emissions of fugitive dust from any crusher, at which a capture system is not used, which exhibit greater than 15% opacity.
- 2.c There shall be no visible particulate emissions of fugitive dust from wet screening operations, and subsequent screening operations, bucket elevators, and belt conveyors that

process saturated material in the production line up to the next crusher, grinding mill or storage bin.

2.d There shall be no visible particulate emissions of fugitive dust from screening operations, bucket elevators, and belt conveyors in the production line downstream of wet mining operations, where such screening operations, bucket elevators, and belt conveyors process saturated materials up to the first crusher, grinding mill or storage bin in the production line.

2.e 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 of the aggregate is not sufficient to comply with the opacity limitations of this permit, the permittee shall apply water or other suitable dust suppressant, at appropriate locations in the production line.

2.f The material handling operations that are covered by this permit and subject to the above mentioned requirements are listed below:

- transfer points
- secondary crushing and screening
- tertiary crushing and screening
- load-in / load-out

2.g The permittee shall employ best available control measures for the above-identified material handling operation(s) for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to perform the following control measure(s) to ensure compliance:

| <u>material handling operation(s)</u> | <u>control measure(s)</u> |
|---------------------------------------|---|
| transfer points | minimize drop height and natural moisture content |
| secondary crushing and screening | natural moisture content |
| PEP screens | natural moisture content |
| tertiary crushing and screening | natural moisture content |

Emissions Unit ID: F001

load-in/load-out minimize drop height and natural moisture content

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

2.i 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.

B. Operational Restrictions

- 1. The moisture content of the stone shall be a minimum of 3%.
- 2. The maximum annual operating hours for this emissions unit shall not exceed 6570, based upon a rolling, 12-month summation of the operating hours.

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

| <u>Month(s)</u> | <u>Maximum Allowable Cumulative Operating Hours</u> |
|-----------------|---|
| 1 | 547 |
| 1-2 | 1095 |
| 1-3 | 1642 |
| 1-4 | 2189 |
| 1-5 | 2737 |
| 1-6 | 3284 |
| 1-7 | 3832 |
| 1-8 | 4379 |
| 1-9 | 4927 |
| 1-10 | 5474 |
| 1-11 | 6022 |
| 1-12 | 6570 |

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall monitor the moisture content of the aggregate on a monthly basis. The moisture content analysis shall be performed in accordance with ASTM C-566, Standard Test Method for Total Moisture Content of Aggregate by Drying. The aggregate sample shall be obtained in accordance with ASTM D-75, Standard Method of Sampling Aggregates. The sample shall be collected at the primary crusher.

2. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month;
 - b. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month; and
 - c. After the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the operating hours.

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

| <u>material handling operation(s)</u> | <u>minimum inspection frequency</u> |
|---------------------------------------|-------------------------------------|
| All | Daily |

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

5. 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.

6. 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 5.d. shall be kept separately for each material handling operation identified above and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. Pursuant to the NSPS, the permittee is hereby advised of the requirement to report the following at the appropriate times:
 - 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 of 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
P.O. Box 163669
Columbus, Ohio 432116-3669

and

Portsmouth Local Air Agency
740 Second Street
Portsmouth, Ohio 45662

2. The permittee shall submit deviation (excursion) reports which identify all exceedances of the moisture content restriction.
3. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month operating hours limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative operating hours each successive month, as required in the table in Section B.3.
4. The permittee shall submit deviation (excursion) 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.
5. The deviation (excursion) reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(2).
6. A screening operation, bucket elevator, or belt conveyor that processes saturated material and is subject to 40 CFR 60.672(h) and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change to the Portsmouth Local Air Agency. The screening operation, bucket elevator, or belt conveyor is then subject to the 10% opacity limit in 40 CFR 60.672(b) and the emission test requirements of 40 CFR 60.11 and 60.675. A screening operation, bucket elevator, or belt conveyor that processes unsaturated material but subsequently processes saturated material shall submit a report of this change within 30 days following such change. This screening operation, bucket elevator, or belt conveyor is then subject to the no visible emission limit in 40 CFR 60.672 (h).

E. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation

No visible particulate emissions of fugitive dust from belt conveyors or transfer points which exhibit greater than 10% opacity

Applicable Compliance Method

The permittee shall conduct or have conducted, fugitive emission testing for the new screens and transfer points in accordance with the following requirements:

The emission testing shall be conducted within 60 days after achieving maximum production, but not later than 180 days after start-up and at such other times as may be required by the Ohio EPA or Portsmouth Local Air Agency.

The emission testing shall be conducted to demonstrate compliance with the opacity limitations of 40 CFR Part 60, Subpart OOO.

The opacity test shall be conducted using Method 9 of 40 CFR Part 60, Appendix A, and in accordance with the test methods and procedures specified in 40 CFR 60.675 and 40 CFR 60.11. The minimum distance between the observer and the emissions source shall be 15 feet. The minimum total time of observations shall be 3 hours (30 6-minute averages) for this initial performance test.

The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Portsmouth Local Air Agency.

Not later than 30 days prior to the proposed test date(s), this facility shall submit an Intent to Test (ITT) notification to the Portsmouth Local Air Agency. The ITT notification shall describe in detail the proposed test methods and procedures, the source operating parameters, the time(s) and the dates(s) of the tests. Failure to submit such notification for review and approval prior to the tests may result in the Portsmouth Local Air Agency's refusal to accept the results of the opacity tests.

Personnel from the Portsmouth Local Air Agency shall be permitted to witness the tests. Personnel from this facility shall acquire data and information regarding the source operating parameters. Data reduction of opacity readings (to determine compliance with opacity limitations) shall be based upon 6-minute averages, and if applicable, 3-minute averages.

A comprehensive written report of the results of the opacity tests (including opacity levels and the source operating parameters) shall be submitted to the Portsmouth Local Air

Agency within 30 days following completing of the tests.

b. Emission Limitation

24.0 lbs/hr of particulate emissions

Applicable Compliance Method

Compliance shall be demonstrated by summing the maximum hourly emission rates for the crushers, screens and material handling operations:

- i. The maximum hourly emission rate for the secondary crusher is determined by multiplying the maximum hourly production rate of 150 tons/hour by the emission factor of 0.001239 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).
- ii. The maximum hourly emission rate for the tertiary crushers are determined by multiplying the maximum hourly production rate of 75 tons/hour, 100 tons/hour, 100 tons/hour and 300 tons/hour respectively, by the emission factor of 0.001239 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95), and summing the emission rates for the four tertiary crushers.
- iii. The maximum hourly emission rate for the secondary screen is determined by multiplying the maximum hourly production rate of 1000 tons/hour by the emission factor of 0.001764 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).
- vi. The maximum hourly emission rate for the tertiary screen is determined by multiplying the maximum hourly production rate of 1000 tons/hour by the emission factor of 0.001764 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).
- v. The maximum hourly emission rate for the final screens are determined by multiplying the maximum hourly production rate of 1000 tons/hour and 1000 tons/hour respectively, by the emission factor of 0.001764 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95) and summing the emissions rates for the two screens.
- vi. The maximum hourly emission rate for the PEP screens are determined by multiplying the maximum hourly production rate of 1000 tons/hour and 1000 tons/hour respectively, by the emission factor of 0.00441 lb/ton, as specified in

USEPA reference document AP-42, Table 11.19.2-2 (1/95) and summing the emissions rates for the two screens.

- vii. The maximum hourly emission rate for the wash plant screens are determined by multiplying the maximum hourly production rate of 1000 tons/hour for each of the three screens by the emission factor of 0.00084 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95), multiplied by 0.01, assuming a 90% control efficiency for the saturated material, as specified in RACM, Table 2.18-2, dated 10/80, and summing the emissions rates for the two screens.
- viii. The maximum hourly emission rate for the material handling equipment is determined by multiplying the maximum hourly production rate of 1000 tons/hour for each transfer point by the controlled emission factor of 0.0001008 lb/ton, multiplied by 0.01 for the transfer points which are treated with wet suppression, assuming a 90% control efficiency for the saturated material, as specified in RACM, Table 2.18-2, dated 10/80, and summing the emission rates for each transfer point.

c. Emission Limitation

78.9 tpy particulates emissions

Applicable Compliance Method

Compliance shall be demonstrated by multiplying the allowable hourly particulate emission limitation, calculated from the summation of the crushers, screens and material handling operations, by the actual 12-month rolling operating hours for F001, and then dividing by 2000 pounds/ton.

d. Emission Limitation

10% opacity from any transfer point

Applicable Compliance Method:

The initial compliance demonstration shall be determined using the methods and procedures specified in Method 9 of 40 CFR Part 60, Appendix A, with the modifications listed in 40 CFR 60.675 Subpart OOO. If required, the Portsmouth Local Air Agency may request additional testing, in order to demonstrate continued compliance.

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Emissions Unit ID: **F001**

e. Emission Limitation

15% opacity from any crusher

Applicable Compliance Method:

The initial compliance demonstration shall be determined using the methods and procedures specified in Method 9 of 40 CFR Part 60, Appendix A, with the modifications listed in 40 CFR 60.675 Subpart OOO. If required, the Portsmouth Local Air Agency may request additional testing, in order to demonstrate continued compliance.

F. Miscellaneous Requirements

None

NEW SOURCE REVIEW FORM B

PTI Number: 07-00527 Facility ID: 0701000002

FACILITY NAME Hanson Aggregates Davon Inc

FACILITY DESCRIPTION Aggregate crushing, screening and washing plant (Plant no. 3 - dump hopper, crushers, and screens): modification to install 2 new PEP screens, 9 new conveyors, 1 new holding bin

CITY/TWP Peebles

SIC CODE 1422 SCC CODE 30502002 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION Aggregate crushing, screening and washing plant (Plant no. 3)

DATE INSTALLED 1973 (this is a chapter 31 mod to an existing source)

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 | 24.0 lbs/hr | 78.9 tpy | 24.0 lbs/hr | 78.9 tpy |
| PM ₁₀ | attainment | 24.0 lbs/hr | 78.9 tpy | 24.0 lbs/hr | 78.9 tpy |
| Sulfur Dioxide | | | | | |
| Organic Compounds | | | | | |
| Nitrogen Oxides | | | | | |
| Carbon Monoxide | | | | | |
| Lead | | | | | |
| Other: Air Toxics | | | | | |

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? 40 CFR Part 60, PSD? OFFSET POLICY?
Subpart 000

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

moisture content of crushed stone sufficient to minimize or eliminate visible emissions of fugitive dust and minimizing drop height

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 _____ NO

IDENTIFY THE AIR CONTAMINANTS: _____