



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

TO: Interested Parties / Applicant

DATE: October 25, 2011

RE: Sellersburg Stone Company, Inc. / 019-29973-00011

FROM: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER.dot12/03/07



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Federally Enforceable State Operating Permit Renewal OFFICE OF AIR QUALITY

Sellersburg Stone Company, Inc.
1019 East Utica Street
Sellersburg, Indiana 47172

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

Operation Permit No.: F019-29973-00011	
Issued by:  Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: October 25, 2011 Expiration Date: October 25, 2021

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary crushed stone processing plant.

Source Address:	1019 East Utica Street, Sellersburg, Indiana 47172
General Source Phone Number:	812-246-3383
SIC Code:	1422 (Crushed and Broken Limestone)
County Location:	Clark
Source Location Status:	Nonattainment for PM2.5 standard Attainment for all other criteria pollutants
Source Status:	Federally Enforceable State Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) permanent crushing operation, constructed in 1985, with a maximum capacity of 1,400 tons per hour, equipped with the following:
 - (1) One (1) primary crusher, identified as Unit #1a, constructed in 1985, with a maximum capacity of 700 tons per hour, and exhausting through one (1) stack ID #1.
 - (2) One (1) primary crusher, identified as Unit #1b, constructed in 2009, with a maximum capacity of 700 tons per hour, and exhausting through one (1) stack ID#1.
 - (3) One (1) secondary crusher, identified as Unit #2A, constructed in 2010, with a maximum capacity of 900 tons per hour, exhausting through one (1) stack ID #2.
 - (4) One (1) tertiary crusher, identified as Unit #3A, constructed in 1985, with a maximum capacity of 900 tons per hour, exhausting back into the building.
 - (5) Triple finish screens and scalper screens, identified as Unit #4a and Unit #4b, each with a maximum capacity of 2,500 and 1,400 tons per hour, respectively, each exhausting back into the building.
 - (6) Conveyors, identified as Unit #5, with a maximum capacity of 1,936 tons per hour, exhausting fugitively.
 - (7) Two (2) conveyors, identified as Unit #C30, constructed in 2001, with a total maximum capacity of 400 tons per hour, exhausting fugitively to the atmosphere.
 - (8) Three (3) hoppers, identified as Units #B1, #B2 and #B3, constructed in 2001,

with a total maximum capacity of 400 tons per hour, exhausting fugitively to the atmosphere.

- (9) Three (3) conveyors, identified as C31, C32 and C33, with a total maximum capacity of 200 tons per hour, exhausting fugitively to the atmosphere.
- (10) One (1) screen, identified as SC-10, with a maximum capacity of 200 tons per hour, exhausting fugitively to the atmosphere.
- (11) One (1) sand screw with a maximum capacity of 200 tons per hour.

Under NSPS Subpart OOO, the permanent crushing operation and blending bins are considered affected sources.

- (b) One (1) aggregate wash plant, constructed in 1986, with a maximum capacity of 400 tons per hour, equipped with the following:
 - (1) Screens, identified as Unit #11, with a maximum capacity of 400 tons per hour, exhausting fugitively.
 - (2) Conveyors, identified as Unit #12, with a maximum capacity of 400 tons per hour, exhausting fugitively.

Under NSPS Subpart OOO, the aggregate wash plant is considered an affected source.

- (c) One (1) portable agricultural lime operation, constructed in 2003, with a maximum capacity of 400 tons per hour equipped with the following:
 - (1) Screens, identified as Unit #13, with a maximum capacity of 400 tons per hour, exhausting fugitively.
 - (2) Conveyors, identified as Unit #14, with a maximum capacity of 400 tons per hour, exhausting fugitively.

Under NSPS Subpart OOO, the agricultural lime operation is considered an affected source.

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities:

- (a) One (1) 500 gallon on-road diesel tank.
- (b) One (1) 500 gallon gasoline fuel tank.
- (c) One (1) 10,000 gallon diesel fuel tank.
- (d) One (1) 500 gallon diesel fuel tank.
- (e) Two (2) 500 gallon oil tanks.
- (f) One (1) 300 gallon oil tank.
- (g) One (1) 300 gallon kerosene tank.

- (h) One (1) 1000 gallon used oil tank.
- (i) One (1) 500 gallon used antifreeze tank.
- (j) One (1) 500 gallon used oil tank.
- (k) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) to renew a Federally Enforceable State Operating Permit (FESOP).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-8-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

- (a) This permit, F019-29973-00011, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-8-6] [IC 13-17-12]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Severability [326 IAC 2-8-4(4)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]

- (a) A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:

- (1) it contains a certification by an "authorized individual", as defined by 326 IAC 2-1.1-1(1), and
 - (2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
 - (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than April 15 of each year to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)][326 IAC 2-8-5(a)(1)]

- (a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

- (b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

The Permittee shall implement the PMPs.

- (c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.12 Emergency Provisions [326 IAC 2-8-12]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.

- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
- (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to F019-29973-00011 and issued pursuant to permitting programs approved into the state implementation plan have been either:
- (1) incorporated as originally stated,
 - (2) revised, or

(3) deleted.

(b) All previous registrations and permits are superseded by this permit.

B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

**B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]**

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.16 Permit Renewal [326 IAC 2-8-3(h)]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003

Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
- (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.17 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.

- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.18 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d) without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b) through (d). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-8-15(b)(2), (c)(1), and (d).

- (b) **Emission Trades [326 IAC 2-8-15(c)]**
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).
- (c) **Alternative Operating Scenarios [326 IAC 2-8-15(d)]**
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.19 Source Modification Requirement [326 IAC 2-8-11.1]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.

B.20 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.21 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.22 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ no later than thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.23 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-8-4(1)]

C.1 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

- (a) Pursuant to 326 IAC 2-8:
 - (1) The potential to emit any regulated pollutant, except particulate matter (PM), and greenhouse gases (GHGs), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.
 - (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
 - (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.
 - (4) The potential to emit greenhouse gases (GHGs) from the entire source shall be limited to less than one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per twelve (12) consecutive month period.
- (b) Pursuant to 326 IAC 2-2 (PSD), potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.
- (c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.
- (d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-1 (Applicability) and 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.6 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the attached plan as in Attachment A.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue

MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Licensed Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

Testing Requirements [326 IAC 2-8-4(3)]

C.8 Performance Testing [326 IAC 3-6]

- (a) For performance testing required by this permit, a test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

C.10 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or of initial start-up, whichever is later, to begin such monitoring. If due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance or the date of initial startup, whichever is later, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.

C.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.
- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

Corrective Actions and Response Steps [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall maintain the most recently submitted written emergency reduction plans (ERPs) consistent with safe operating procedures.

- (b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.13 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.14 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

- (a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to normal or usual manner of operation.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records; and/or
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall record the reasonable response steps taken.

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.
- (b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline

- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.16 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

C.17 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.
- (b) The address for report submittal is:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

C.18 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with applicable standards for recycling and emissions reduction.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (a) One (1) permanent crushing operation, constructed in 1985, with a maximum capacity of 1,400 tons per hour, equipped with the following:
- (1) One (1) primary crusher, identified as Unit #1a, constructed in 1985, with a maximum capacity of 700 tons per hour, and exhausting through one (1) stack ID #1.
 - (2) One (1) primary crusher, identified as Unit #1b, constructed in 2009, with a maximum capacity of 700 tons per hour, and exhausting through one (1) stack ID#1.
 - (3) One (1) secondary crusher, identified as Unit #2A, constructed in 2010, with a maximum capacity of 900 tons per hour, exhausting through one (1) stack ID #2.
 - (4) One (1) tertiary crusher, identified as Unit #3A, constructed in 1985, with a maximum capacity of 900 tons per hour, exhausting back into the building.
 - (5) Triple finish screens and scalper screens, identified as Unit #4a and Unit#4b, each with a maximum capacity of 2,500 and 1,400 tons per hour, respectively, each exhausting back into the building.
 - (6) Conveyors, identified as Unit #5, with a maximum capacity of 1,936 tons per hour, exhausting fugitively.
 - (7) Two (2) conveyors, identified as Unit #C30, constructed in 2001, with a total maximum capacity of 400 tons per hour, exhausting fugitively to the atmosphere.
 - (8) Three (3) hoppers, identified as Units #B1, #B2 and #B3, constructed in 2001, with a total maximum capacity of 400 tons per hour, exhausting fugitively to the atmosphere.
 - (9) Three (3) conveyors, identified as C31, C32 and C33, with a total maximum capacity of 200 tons per hour, exhausting fugitively to the atmosphere.
 - (10) One (1) screen, identified as SC-10, with a maximum capacity of 200 tons per hour, exhausting fugitively to the atmosphere.
 - (11) One (1) sand screw with a maximum capacity of 200 tons per hour.

Under NSPS Subpart OOO, the permanent crushing operation and blending bins are considered affected sources.

- (b) One (1) aggregate wash plant, constructed in 1986, with a maximum capacity of 400 tons per hour, equipped with the following:
- (1) Screens, identified as Unit #11, with a maximum capacity of 400 tons per hour, exhausting fugitively.
 - (2) Conveyors, identified as Unit #12, with a maximum capacity of 400 tons per hour, exhausting fugitively.

Under NSPS Subpart OOO, the aggregate wash plant is considered an affected source.

(c) One (1) portable agricultural lime operation, constructed in 2003, with a maximum capacity of 400 tons per hour equipped with the following:

- (1) Screens, identified as Unit #13, with a maximum capacity of 400 tons per hour, exhausting fugitively.
- (2) Conveyors, identified as Unit #14, with a maximum capacity of 400 tons per hour, exhausting fugitively.

Under NSPS Subpart OOO, the agricultural lime operation is considered an affected source.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 Particulate [326 IAC 6.5-1-2(a)]

Pursuant to 326 IAC 6.5-1-2(a), particulate emissions from each of the emission units at this source shall not exceed seven-hundredths (0.07) gram per dry standard cubic meter (g/dscm) (three-hundredths (0.03) grain per dry standard cubic foot (dscf)).

D.1.2 Particulate Matter (PM) PSD Minor Limits [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 (PSD) not applicable, particulate matter (PM) emissions shall not exceed the emissions limits listed in the table below:

Unit and ID	PM Emission Limit (lbs/hr)
Primary Crusher, Unit #1a	0.84
Primary Crusher, Unit #1b	0.84
Secondary Crusher, Unit #2A	1.08
Tertiary Crusher, Unit #3A	1.08
Triple Finish Screens, Unit #4a	5.50
Scalper Screens, Unit #4b	3.08
Conveyors, Unit #5	0.27
One screen, Unit #SC-10	0.44
One sand screw	0.44
Screens, Unit #11	0.88
Limestone Dust Screening, Unit #13	0.88

Compliance with this limitation, combined with the potential to emit PM from other emission units at this source, shall limit the source-wide PTE of PM to less than 250 tons per twelve (12) consecutive month period and shall render the requirement of 326 IAC 2-2 not applicable.

D.1.3 Particulate Matter Less Than 10 Microns (PM₁₀) and PM_{2.5} Limitations [326 IAC 2-2] [326 IAC 2-8-4]

In order to render the requirements of 326 IAC 2-2 (PSD) and 326 IAC 2-7 (Part 70 Permit Program) not applicable, PM₁₀ and PM_{2.5} shall not exceed the emissions limits listed in the table below:

Unit and ID	PM10 Emission Limit (lbs/hr)	PM2.5 Emission Limit (lbs/hr)
Primary Crusher, Unit #1a	0.38	0.07
Primary Crusher, Unit #1b	0.38	0.07
Secondary Crusher, Unit #2A	0.49	0.09
Tertiary Crusher, Unit #3A	0.49	0.09
Triple Finish Screens, Unit #4a	1.85	0.13
Scalper Screens, Unit #4a	1.04	0.07
Conveyors, Unit #5	0.09	0.03
One screen, Unit #SC-10	0.15	0.01
One sand screw	0.15	0.01
Screens, Unit #11	0.30	0.02
Limestone Dust Screening, Unit #13	0.02	0.01

Compliance with this limitation, combined with the potential to emit PM10 and PM2.5 from other emission units at this source, shall limit the source-wide PTE of PM10 and PM2.5, to less than 100 tons per twelve (12) consecutive month period and shall render the requirements of 326 IAC 2-2 and 326 IAC 2-7 not applicable.

D.1.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan is required for this facility and any control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.1.5 PM, PM10, PM2.5 Control

In order to comply with Conditions D.1.1, D.1.2, and D.1.3, the control methods for PM/PM-10/PM2.5 outlined in the fugitive dust control plan (Attachment A) shall be in operation and control emissions from Unit #1a, Unit#1b, Unit#2A, Unit#3A, Unit#4, Unit#5, Unit#Sc-10, sand screw, Unit #11 and Unit#13 at all times that Unit #1a, Unit#1b, Unit#2A, Unit#3A, Unit#4, Unit#5, Unit#Sc-10, sand screw, Unit #11 and Unit#13 are in operation.

Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]

D.1.6 Visible Emissions Notations

- (a) Visible emission notations from the permanent crushing operation, the aggregate wash plant, and associated components exhaust for evidence of holes or erosions shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances

shall be considered a deviation from this permit.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

D.1.7 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.6, the Permittee shall maintain records of visible emission notations of the permanent crushing operation, the aggregate wash plant, and associated components exhaust once per day. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g., the process did not operate that day).
- (b) Section C - General Record Keeping Requirements contains the Permittee's obligations with regard to the records required by this condition.

SECTION E.1 40 CFR 60, Subpart OOO — Standards of Performance for Nonmetallic Mineral Processing Plants

Facility Description [326 IAC 2-8-4(10)]:

- (a) One (1) permanent crushing operation, constructed in 1985, with a maximum capacity of 1,400 tons per hour, equipped with the following:
- (1) One (1) primary crusher, identified as Unit #1a, constructed in 1985, with a maximum capacity of 700 tons per hour, and exhausting through one (1) stack ID #1.
 - (2) One (1) primary crusher, identified as Unit #1b, approved for construction in 2009, with a maximum capacity of 700 tons per hour, and exhausting through one (1) stack ID#1.
 - (3) One (1) secondary crusher, identified as Unit #2A, approved for construction in 2010, with a maximum capacity of 900 tons per hour, exhausting through one (1) stack ID #2.
 - (4) One (1) tertiary crusher, identified as Unit #3A, with a maximum capacity of 900 tons per hour, exhausting back into the building.
 - (5) Triple finish screens and scalper screens, identified as Unit #4, each with a maximum capacity of 2,500 and 1,400 tons per hour, respectively, each exhausting back into the building.
 - (6) Conveyors, identified as Unit #5, with a maximum capacity of 1,936 tons per hour, exhausting fugitively.
 - (7) Two (2) conveyors, identified as Unit #C30, constructed in 2001, with a maximum capacity of 400 tons per hour, exhausting fugitively to the atmosphere.
 - (8) Three (3) hoppers, identified as Units #B1, #B2 and #B3, constructed in 2001, with a total maximum capacity of 400 tons per hour, exhausting fugitively to the atmosphere.
 - (9) Three (3) conveyors, identified as C31, C32 and C33, with a maximum capacity of 200 tons per hour, exhausting fugitively to the atmosphere.
 - (10) One (1) screen, identified as SC-10, with a maximum capacity of 200 tons per hour, exhausting fugitively to the atmosphere.
 - (11) One (1) sand screw with a maximum capacity of 200 tons per hour.

Under NSPS Subpart OOO, the permanent crushing operation and blending bins are considered affected sources.

- (b) One (1) aggregate wash plant, constructed in 1986, with a maximum capacity of 400 tons per hour, equipped with the following:
- (1) Screens, identified as Unit #11, with a maximum capacity of 400 tons per hour, exhausting fugitively.
 - (2) Conveyors, identified as Unit #12, with a maximum capacity of 400 tons per hour, exhausting fugitively.

Under NSPS Subpart OOO, the aggregate wash plant is considered affected sources.

- (c) One (1) portable agricultural lime operation, constructed in 2003, with a maximum capacity of 400 tons per hour equipped with the following:
- (1) Screens, identified as Unit #13, with a maximum capacity of 400 tons per hour, exhausting fugitively.
 - (2) Conveyors, identified as Unit #14, with a maximum capacity of 400 tons per hour, exhausting fugitively.

Under NSPS Subpart OOO, the agricultural lime operation is considered an affected source.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

New Source Performance Standards (NSPS) Requirements [326 IAC 2-8-4(1)]

E.1.1 General Provisions Relating to New Source Performance Standards (NSPS) [326 IAC 12-1] [40 CFR 60, Subpart A]

- (a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference as 326 IAC 12-1, except as otherwise specified in 40 CFR 60, Subpart OOO.
- (b) Pursuant to 40 CFR 60.10, the Permittee shall submit all required notifications and reports to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

E.1.2 New Source Performance Standards (NSPS) for Nonmetallic Mineral Processing Plants [40 CFR Part 60, Subpart OOO] [326 IAC 12]

The Permittee shall comply with the following provisions of 40 CFR Part 60, Subpart OOO (included as Attachment B of this permit), which are incorporated by reference as 326 IAC 12, for the above mentioned operations, except Unit #1b, except as otherwise specified in 40 CFR Part 60, Subpart OOO:

- (1) 40 CFR 60.670(a)(1).
- (2) 40 CFR 60.670(a)(2).
- (3) 40 CFR 60.670(d)(1).
- (4) 40 CFR 60.670(d)(2).
- (5) 40 CFR 60.670(d)(3).
- (6) 40 CFR 60.670(e).
- (7) 40 CFR 60.670(f).
- (8) 40 CFR 60.671.
- (9) 40 CFR 60.672(b).
- (10) 40 CFR 60.672(c).
- (11) 40 CFR 60.672(d).
- (12) 40 CFR 60.672(h).
- (13) 40 CFR 60.673.
- (14) 40 CFR 60.675(a).
- (15) 40 CFR 60.675(b)(2).

- (16) 40 CFR 60.675(c)(1).
- (17) 40 CFR 60.675(c)(3).
- (18) 40 CFR 60.675(e).
- (19) 40 CFR 60.675(h).
- (20) 40 CFR 60.676(a).
- (21) 40 CFR 60.676(f).
- (22) 40 CFR 60.676(g).
- (23) 40 CFR 60.676(j).

E.1.3 New Source Performance Standards (NSPS) for Nonmetallic Mineral Processing Plants
[40 CFR Part 60, Subpart OOO] [326 IAC 12]

The Permittee shall comply with the following provisions of 40 CFR Part 60, Subpart OOO (included as Attachment B of this permit), which are incorporated by reference as 326 IAC 12, for the primary crusher (unit #1b) only, except as otherwise specified in 40 CFR Part 60, Subpart OOO:

- (1) 40 CFR 60.670(a)(1)
- (2) 40 CFR 60.670(a)(2)
- (3) 40 CFR 60.670(d)(1)
- (4) 40 CFR 60.670(d)(2)
- (5) 40 CFR 60.670(d)(3)
- (6) 40 CFR 60.670(e)
- (7) 40 CFR 60.670(f)
- (8) 40 CFR 60.671
- (9) 40 CFR 60.673
- (10) 40 CFR 60.676(a)(1)
- (11) 40 CFR 60.676(h)
- (12) 40 CFR 60.676(i)
- (13) 40 CFR 60.676(j)
- (14) 40 CFR 60.670(k)
- (15) Table 1

E.1.4 Testing Requirements [326 IAC 2-8-5(a)(1),(4)] [326 IAC 2-1.1-11]

The Permittee shall perform the testing required under NSPS 40 CFR 60, Subpart OOO, utilizing methods as approved by the Commissioner to document compliance with Condition E.1.2. These tests shall be repeated at least once every five (5) years from the date of the last valid compliance demonstration. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
CERTIFICATION**

Source Name: Sellersburg Stone Company, Inc.
Source Address: 1019 East Utica Street, Sellersburg, Indiana 47172
FESOP Permit No.: F019-29973-00011

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify)_____
- Report (specify)_____
- Notification (specify)_____
- Affidavit (specify)_____
- Other (specify)_____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: (317) 233-0178
Fax: (317) 233-6865**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: Sellersburg Stone Company, Inc.
Source Address: 1019 East Utica Street, Sellersburg, Indiana 47172
FESOP Permit No.: F019-29973-00011

This form consists of 2 pages

Page 1 of 2

- | |
|--|
| <p><input type="checkbox"/> This is an emergency as defined in 326 IAC 2-7-1(12)</p> <ul style="list-style-type: none">• The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and• The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16 |
|--|

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE AND ENFORCEMENT BRANCH
 FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
 QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Sellersburg Stone Company, Inc.
 Source Address: 1019 East Utica Street, Sellersburg, Indiana 47172
 FESOP Permit No.: F019-29973-00011

Months: _____ **to** _____ **Year:** _____

<p>This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements of this permit, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked ΔNo deviations occurred this reporting period@.</p>	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

Attachment A

**SELLERSBURG STONE COMPANY, INC.
1019 E. Utica Street
Sellersburg, Indiana 47172**

Sellersburg Stone Company, Inc.
1019 East Utica Street
Sellersburg, Indiana 47172

FUGITIVE DUST CONTROL PLAN

- (a) Fugitive particulate matter emissions from paved roads, unpaved roads, and parking lots shall be controlled by one or more of the following methods:
- Paved roads and parking lots:
- (1) cleaning by vacuum sweeping on an as needed basis (monthly at a minimum);
 - (2) power brooming while wet either from rain or application of water;
 - (3) power wash with water.
- Unpaved roads and parking lots:
- (1) paving with asphalt;
 - (2) treating with water on an as needed basis.
- (b) Fugitive particulate matter emissions from aggregate stockpiles shall be controlled by one or more of the following methods on an as needed basis:
- (1) treating around the stockpile area with water;
 - (2) treating the stockpiles with water.
- (c) Fugitive particulate matter emissions from outdoor conveying of aggregates shall be controlled by the following method on an as needed basis:
- (1) applying water at the feed and the intermediate points;
 - (2) enclose the transfer points;
 - (3) apply water on transfer points on an as needed basis.
- (d) Fugitive particulate matter emissions from the transfer of aggregates shall be controlled by one of the following methods:
- (1) enclose the transfer points;
 - (2) apply water on transfer points on an as needed basis.
- (e) Fugitive particulate matter emissions from transportation of aggregate by truck, front end loader, etc. shall be controlled by one of the following methods:
- (1) tarping the aggregate hauling vehicles;
 - (2) maintain vehicle bodies in a condition to prevent leakage;
 - (3) spray the aggregates with water;
 - (4) maintain a 20 MPH speed limit in the yard.
- (f) Fugitive particulate matter emissions from the loading and unloading of aggregate shall be controlled by one of the following methods:
- (1) reduce free fall distance to a minimum;

- (2) reduce the rate of discharge of the aggregate;
 - (3) spray the aggregate with water on an as needed basis.

- (g) Fugitive particulate matter emissions from the crushers and screens shall be controlled with a water spray system.

- (h) Fugitive particulate matter emissions from hoppers shall be controlled by the enclosures that enclose each hopper.

Attachment B

**SELLERSBURG STONE COMPANY, INC.
1019 E. Utica Street
Sellersburg, Indiana 47172**

Title 40: Protection of Environment

Subpart 000—Standards of Performance for Nonmetallic Mineral Processing Plants

Source: 74 FR 19309, Apr. 28, 2009, unless otherwise noted.

§ 60.670 Applicability and designation of affected facility.

(a)(1) Except as provided in paragraphs (a)(2), (b), (c), and (d) of this section, the provisions of this subpart are applicable to the following affected facilities in fixed or portable nonmetallic mineral processing plants: each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck or railcar loading station. Also, crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and subsequent affected facilities up to, but not including, the first storage silo or bin are subject to the provisions of this subpart.

(2) The provisions of this subpart do not apply to the following operations: All facilities located in underground mines; plants without crushers or grinding mills above ground; and wet material processing operations (as defined in §60.671).

(b) An affected facility that is subject to the provisions of subparts F or I of this part or that follows in the plant process any facility subject to the provisions of subparts F or I of this part is not subject to the provisions of this subpart.

(c) Facilities at the following plants are not subject to the provisions of this subpart:

(1) Fixed sand and gravel plants and crushed stone plants with capacities, as defined in §60.671, of 23 megagrams per hour (25 tons per hour) or less;

(2) Portable sand and gravel plants and crushed stone plants with capacities, as defined in §60.671, of 136 megagrams per hour (150 tons per hour) or less; and

(3) Common clay plants and pumice plants with capacities, as defined in §60.671, of 9 megagrams per hour (10 tons per hour) or less.

(d)(1) When an existing facility is replaced by a piece of equipment of equal or smaller size, as defined in §60.671, having the same function as the existing facility, and there is no increase in the amount of emissions, the new facility is exempt from the provisions of §§60.672, 60.674, and 60.675 except as provided for in paragraph (d)(3) of this section.

(2) An owner or operator complying with paragraph (d)(1) of this section shall submit the information required in §60.676(a).

(3) An owner or operator replacing all existing facilities in a production line with new facilities does not qualify for the exemption described in paragraph (d)(1) of this section and must comply with the provisions of §§60.672, 60.674 and 60.675.

(e) An affected facility under paragraph (a) of this section that commences construction, modification, or reconstruction after August 31, 1983, is subject to the requirements of this part.

(f) Table 1 of this subpart specifies the provisions of subpart A of this part 60 that do not apply to owners and operators of affected facilities subject to this subpart or that apply with certain exceptions.

§ 60.671 Definitions.

All terms used in this subpart, but not specifically defined in this section, shall have the meaning given them in the Act and in subpart A of this part.

Bagging operation means the mechanical process by which bags are filled with nonmetallic minerals.

Belt conveyor means a conveying device that transports material from one location to another by means of an endless belt that is carried on a series of idlers and routed around a pulley at each end.

Bucket elevator means a conveying device of nonmetallic minerals consisting of a head and foot assembly which supports and drives an endless single or double strand chain or belt to which buckets are attached.

Building means any frame structure with a roof.

Capacity means the cumulative rated capacity of all initial crushers that are part of the plant.

Capture system means the equipment (including enclosures, hoods, ducts, fans, dampers, etc.) used to capture and transport particulate matter generated by one or more affected facilities to a control device.

Control device means the air pollution control equipment used to reduce particulate matter emissions released to the atmosphere from one or more affected facilities at a nonmetallic mineral processing plant.

Conveying system means a device for transporting materials from one piece of equipment or location to another location within a plant. Conveying systems include but are not limited to the following: Feeders, belt conveyors, bucket elevators and pneumatic systems.

Crush or *Crushing* means to reduce the size of nonmetallic mineral material by means of physical impaction of the crusher or grinding mill upon the material.

Crusher means a machine used to crush any nonmetallic minerals, and includes, but is not limited to, the following types: Jaw, gyratory, cone, roll, rod mill, hammermill, and impactor.

Enclosed truck or railcar loading station means that portion of a nonmetallic mineral processing plant where nonmetallic minerals are loaded by an enclosed conveying system into enclosed trucks or railcars.

Fixed plant means any nonmetallic mineral processing plant at which the processing equipment specified in §60.670(a) is attached by a cable, chain, turnbuckle, bolt or other means (except electrical connections) to any anchor, slab, or structure including bedrock.

Fugitive emission means particulate matter that is not collected by a capture system and is released to the atmosphere at the point of generation.

Grinding mill means a machine used for the wet or dry fine crushing of any nonmetallic mineral. Grinding mills include, but are not limited to, the following types: Hammer, roller, rod, pebble and ball, and fluid energy. The grinding mill includes the air conveying system, air separator, or air classifier, where such systems are used.

Initial crusher means any crusher into which nonmetallic minerals can be fed without prior crushing in the plant.

Nonmetallic mineral means any of the following minerals or any mixture of which the majority is any of the following minerals:

(1) Crushed and Broken Stone, including Limestone, Dolomite, Granite, Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell.

- (2) Sand and Gravel.
- (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay.
- (4) Rock Salt.
- (5) Gypsum (natural or synthetic).
- (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloride, and Sodium Sulfate.
- (7) Pumice.
- (8) Gilsonite.
- (9) Talc and Pyrophyllite.
- (10) Boron, including Borax, Kernite, and Colemanite.
- (11) Barite.
- (12) Fluorospars.
- (13) Feldspar.
- (14) Diatomite.
- (15) Perlite.
- (16) Vermiculite.
- (17) Mica.
- (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.

Nonmetallic mineral processing plant means any combination of equipment that is used to crush or grind any nonmetallic mineral wherever located, including lime plants, power plants, steel mills, asphalt concrete plants, portland cement plants, or any other facility processing nonmetallic minerals except as provided in §60.670 (b) and (c).

Portable plant means any nonmetallic mineral processing plant that is mounted on any chassis or skids and may be moved by the application of a lifting or pulling force. In addition, there shall be no cable, chain, turnbuckle, bolt or other means (except electrical connections) by which any piece of equipment is attached or clamped to any anchor, slab, or structure, including bedrock that must be removed prior to the application of a lifting or pulling force for the purpose of transporting the unit.

Production line means all affected facilities (crushers, grinding mills, screening operations, bucket elevators, belt conveyors, bagging operations, storage bins, and enclosed truck and railcar loading stations) which are directly connected or are connected together by a conveying system.

Saturated material means, for purposes of this subpart, mineral material with sufficient surface moisture such that particulate matter emissions are not generated from processing of the material through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.

Screening operation means a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces (screens). Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.

Seasonal shut down means shut down of an affected facility for a period of at least 45 consecutive days due to weather or seasonal market conditions.

Size means the rated capacity in tons per hour of a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station; the total surface area of the top screen of a screening operation; the width of a conveyor belt; and the rated capacity in tons of a storage bin.

Stack emission means the particulate matter that is released to the atmosphere from a capture system.

Storage bin means a facility for storage (including surge bins) of nonmetallic minerals prior to further processing or loading.

Transfer point means a point in a conveying operation where the nonmetallic mineral is transferred to or from a belt conveyor except where the nonmetallic mineral is being transferred to a stockpile.

Truck dumping means the unloading of nonmetallic minerals from movable vehicles designed to transport nonmetallic minerals from one location to another. Movable vehicles include but are not limited to: Trucks, front end loaders, skip hoists, and railcars.

Vent means an opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter emissions from one or more affected facilities.

Wet material processing operation(s) means any of the following:

(1) Wet screening operations (as defined in this section) and subsequent screening operations, bucket elevators and belt conveyors in the production line that process saturated materials (as defined in this section) up to the first crusher, grinding mill or storage bin in the production line; or

(2) Screening operations, bucket elevators and belt conveyors in the production line downstream of wet mining operations (as defined in this section) that process saturated materials (as defined in this section) up to the first crusher, grinding mill or storage bin in the production line.

Wet mining operation means a mining or dredging operation designed and operated to extract any nonmetallic mineral regulated under this subpart from deposits existing at or below the water table, where the nonmetallic mineral is saturated with water.

Wet screening operation means a screening operation at a nonmetallic mineral processing plant which removes unwanted material or which separates marketable fines from the product by a washing process which is designed and operated at all times such that the product is saturated with water.

§ 60.672 Standard for particulate matter (PM).

(a) Affected facilities must meet the stack emission limits and compliance requirements in Table 2 of this subpart within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under §60.8. The requirements in Table 2 of this subpart apply for affected facilities with capture systems used to capture and transport particulate matter to a control device.

(b) Affected facilities must meet the fugitive emission limits and compliance requirements in Table 3 of this subpart within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under §60.11. The requirements in Table 3 of this subpart apply for

fugitive emissions from affected facilities without capture systems and for fugitive emissions escaping capture systems.

(c) [Reserved]

(d) Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of this section.

(e) If any transfer point on a conveyor belt or any other affected facility is enclosed in a building, then each enclosed affected facility must comply with the emission limits in paragraphs (a) and (b) of this section, or the building enclosing the affected facility or facilities must comply with the following emission limits:

(1) Fugitive emissions from the building openings (except for vents as defined in §60.671) must not exceed 7 percent opacity; and

(2) Vents (as defined in §60.671) in the building must meet the applicable stack emission limits and compliance requirements in Table 2 of this subpart.

(f) Any baghouse that controls emissions from only an individual, enclosed storage bin is exempt from the applicable stack PM concentration limit (and associated performance testing) in Table 2 of this subpart but must meet the applicable stack opacity limit and compliance requirements in Table 2 of this subpart. This exemption from the stack PM concentration limit does not apply for multiple storage bins with combined stack emissions.

§ 60.673 Reconstruction.

(a) The cost of replacement of ore-contact surfaces on processing equipment shall not be considered in calculating either the "fixed capital cost of the new components" or the "fixed capital cost that would be required to construct a comparable new facility" under §60.15. Ore-contact surfaces are crushing surfaces; screen meshes, bars, and plates; conveyor belts; and elevator buckets.

(b) Under §60.15, the "fixed capital cost of the new components" includes the fixed capital cost of all depreciable components (except components specified in paragraph (a) of this section) which are or will be replaced pursuant to all continuous programs of component replacement commenced within any 2-year period following August 31, 1983.

§ 60.674 Monitoring of operations.

(a) The owner or operator of any affected facility subject to the provisions of this subpart which uses a wet scrubber to control emissions shall install, calibrate, maintain and operate the following monitoring devices:

(1) A device for the continuous measurement of the pressure loss of the gas stream through the scrubber. The monitoring device must be certified by the manufacturer to be accurate within ± 250 pascals ± 1 inch water gauge pressure and must be calibrated on an annual basis in accordance with manufacturer's instructions.

(2) A device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber. The monitoring device must be certified by the manufacturer to be accurate within ± 5 percent of design scrubbing liquid flow rate and must be calibrated on an annual basis in accordance with manufacturer's instructions.

(b) The owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses wet suppression to control emissions from the affected facility must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook required under §60.676(b).

(1) If an affected facility relies on water carryover from upstream water sprays to control fugitive emissions, then that affected facility is exempt from the 5-year repeat testing requirement specified in Table 3 of this subpart provided that the affected facility meets the criteria in paragraphs (b)(1)(i) and (ii) of this section:

(i) The owner or operator of the affected facility conducts periodic inspections of the upstream water spray(s) that are responsible for controlling fugitive emissions from the affected facility. These inspections are conducted according to paragraph (b) of this section and §60.676(b), and

(ii) The owner or operator of the affected facility designates which upstream water spray(s) will be periodically inspected at the time of the initial performance test required under §60.11 of this part and §60.675 of this subpart.

(2) If an affected facility that routinely uses wet suppression water sprays ceases operation of the water sprays or is using a control mechanism to reduce fugitive emissions other than water sprays during the monthly inspection (for example, water from recent rainfall), the logbook entry required under §60.676(b) must specify the control mechanism being used instead of the water sprays.

(c) Except as specified in paragraph (d) or (e) of this section, the owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses a baghouse to control emissions must conduct quarterly 30-minute visible emissions inspections using EPA Method 22 (40 CFR part 60, Appendix A-7). The Method 22 (40 CFR part 60, Appendix A-7) test shall be conducted while the baghouse is operating. The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner or operator of the affected facility must initiate corrective action within 24 hours to return the baghouse to normal operation. The owner or operator must record each Method 22 (40 CFR part 60, Appendix A-7) test, including the date and any corrective actions taken, in the logbook required under §60.676(b). The owner or operator of the affected facility may establish a different baghouse-specific success level for the visible emissions test (other than no visible emissions) by conducting a PM performance test according to §60.675(b) simultaneously with a Method 22 (40 CFR part 60, Appendix A-7) to determine what constitutes normal visible emissions from that affected facility's baghouse when it is in compliance with the applicable PM concentration limit in Table 2 of this subpart. The revised visible emissions success level must be incorporated into the permit for the affected facility.

(d) As an alternative to the periodic Method 22 (40 CFR part 60, Appendix A-7) visible emissions inspections specified in paragraph (c) of this section, the owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses a baghouse to control emissions may use a bag leak detection system. The owner or operator must install, operate, and maintain the bag leak detection system according to paragraphs (d)(1) through (3) of this section.

(1) Each bag leak detection system must meet the specifications and requirements in paragraphs (d)(1)(i) through (viii) of this section.

(i) The bag leak detection system must be certified by the manufacturer to be capable of detecting PM emissions at concentrations of 1 milligram per dry standard cubic meter (0.00044 grains per actual cubic foot) or less.

(ii) The bag leak detection system sensor must provide output of relative PM loadings. The owner or operator shall continuously record the output from the bag leak detection system using electronic or other means (e.g. , using a strip chart recorder or a data logger).

(iii) The bag leak detection system must be equipped with an alarm system that will sound when the system detects an increase in relative particulate loading over the alarm set point established according to paragraph (d)(1)(iv) of this section, and the alarm must be located such that it can be heard by the appropriate plant personnel.

(iv) In the initial adjustment of the bag leak detection system, the owner or operator must establish, at a minimum, the baseline output by adjusting the sensitivity (range) and the averaging period of the device, the alarm set points, and the alarm delay time.

(v) Following initial adjustment, the owner or operator shall not adjust the averaging period, alarm set point, or alarm delay time without approval from the Administrator or delegated authority except as provided in paragraph (d)(1)(vi) of this section.

(vi) Once per quarter, the owner or operator may adjust the sensitivity of the bag leak detection system to account for seasonal effects, including temperature and humidity, according to the procedures identified in the site-specific monitoring plan required by paragraph (d)(2) of this section.

(vii) The owner or operator must install the bag leak detection sensor downstream of the fabric filter.

(viii) Where multiple detectors are required, the system's instrumentation and alarm may be shared among detectors.

(2) The owner or operator of the affected facility must develop and submit to the Administrator or delegated authority for approval of a site-specific monitoring plan for each bag leak detection system. The owner or operator must operate and maintain the bag leak detection system according to the site-specific monitoring plan at all times. Each monitoring plan must describe the items in paragraphs (d)(2)(i) through (vi) of this section.

(i) Installation of the bag leak detection system;

(ii) Initial and periodic adjustment of the bag leak detection system, including how the alarm set-point will be established;

(iii) Operation of the bag leak detection system, including quality assurance procedures;

(iv) How the bag leak detection system will be maintained, including a routine maintenance schedule and spare parts inventory list;

(v) How the bag leak detection system output will be recorded and stored; and

(vi) Corrective action procedures as specified in paragraph (d)(3) of this section. In approving the site-specific monitoring plan, the Administrator or delegated authority may allow owners and operators more than 3 hours to alleviate a specific condition that causes an alarm if the owner or operator identifies in the monitoring plan this specific condition as one that could lead to an alarm, adequately explains why it is not feasible to alleviate this condition within 3 hours of the time the alarm occurs, and demonstrates that the requested time will ensure alleviation of this condition as expeditiously as practicable.

(3) For each bag leak detection system, the owner or operator must initiate procedures to determine the cause of every alarm within 1 hour of the alarm. Except as provided in paragraph (d)(2)(vi) of this section, the owner or operator must alleviate the cause of the alarm within 3 hours of the alarm by taking whatever corrective action(s) are necessary. Corrective actions may include, but are not limited to the following:

(i) Inspecting the fabric filter for air leaks, torn or broken bags or filter media, or any other condition that may cause an increase in PM emissions;

(ii) Sealing off defective bags or filter media;

(iii) Replacing defective bags or filter media or otherwise repairing the control device;

(iv) Sealing off a defective fabric filter compartment;

(v) Cleaning the bag leak detection system probe or otherwise repairing the bag leak detection system; or

(vi) Shutting down the process producing the PM emissions.

(e) As an alternative to the periodic Method 22 (40 CFR part 60, Appendix A-7) visible emissions inspections specified in paragraph (c) of this section, the owner or operator of any affected facility that is subject to the requirements for processed stone handling operations in the Lime Manufacturing NESHAP (40 CFR part 63, subpart AAAAA) may follow the continuous compliance requirements in row 1 items (i) through (iii) of Table 6 to Subpart AAAAA of 40 CFR part 63.

§ 60.675 Test methods and procedures.

(a) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendices A–1 through A–7 of this part or other methods and procedures as specified in this section, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in paragraph (e) of this section.

(b) The owner or operator shall determine compliance with the PM standards in §60.672(a) as follows:

(1) Except as specified in paragraphs (e)(3) and (4) of this section, Method 5 of Appendix A–3 of this part or Method 17 of Appendix A–6 of this part shall be used to determine the particulate matter concentration. The sample volume shall be at least 1.70 dscm (60 dscf). For Method 5 (40 CFR part 60, Appendix A–3), if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121 °C (250 °F), to prevent water condensation on the filter.

(2) Method 9 of Appendix A–4 of this part and the procedures in §60.11 shall be used to determine opacity.

(c)(1) In determining compliance with the particulate matter standards in §60.672(b) or §60.672(e)(1), the owner or operator shall use Method 9 of Appendix A–4 of this part and the procedures in §60.11, with the following additions:

(i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).

(ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9 of Appendix A–4 of this part, Section 2.1) must be followed.

(iii) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.

(2)(i) In determining compliance with the opacity of stack emissions from any baghouse that controls emissions only from an individual enclosed storage bin under §60.672(f) of this subpart, using Method 9 (40 CFR part 60, Appendix A–4), the duration of the Method 9 (40 CFR part 60, Appendix A–4) observations shall be 1 hour (ten 6-minute averages).

(ii) The duration of the Method 9 (40 CFR part 60, Appendix A–4) observations may be reduced to the duration the affected facility operates (but not less than 30 minutes) for baghouses that control storage bins or enclosed truck or railcar loading stations that operate for less than 1 hour at a time.

(3) When determining compliance with the fugitive emissions standard for any affected facility described under §60.672(b) or §60.672(e)(1) of this subpart, the duration of the Method 9 (40 CFR part 60, Appendix A–4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of this subpart must be based on the average of the five 6-minute averages.

(d) To demonstrate compliance with the fugitive emission limits for buildings specified in §60.672(e)(1), the owner or operator must complete the testing specified in paragraph (d)(1) and (2) of this section. Performance tests must be conducted while all affected facilities inside the building are operating.

(1) If the building encloses any affected facility that commences construction, modification, or reconstruction on or after April 22, 2008, the owner or operator of the affected facility must conduct an initial Method 9 (40 CFR part 60, Appendix A–4) performance test according to this section and §60.11.

(2) If the building encloses only affected facilities that commenced construction, modification, or reconstruction before April 22, 2008, and the owner or operator has previously conducted an initial Method 22 (40 CFR part 60, Appendix A–7) performance test showing zero visible emissions, then the owner or operator has demonstrated compliance with

the opacity limit in §60.672(e)(1). If the owner or operator has not conducted an initial performance test for the building before April 22, 2008, then the owner or operator must conduct an initial Method 9 (40 CFR part 60, Appendix A-4) performance test according to this section and §60.11 to show compliance with the opacity limit in §60.672(e)(1).

(e) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

(1) For the method and procedure of paragraph (c) of this section, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

(i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

(ii) Separate the emissions so that the opacity of emissions from each affected facility can be read.

(2) A single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:

(i) No more than three emission points may be read concurrently.

(ii) All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.

(iii) If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.

(3) Method 5I of Appendix A-3 of this part may be used to determine the PM concentration as an alternative to the methods specified in paragraph (b)(1) of this section. Method 5I (40 CFR part 60, Appendix A-3) may be useful for affected facilities that operate for less than 1 hour at a time such as (but not limited to) storage bins or enclosed truck or railcar loading stations.

(4) In some cases, velocities of exhaust gases from building vents may be too low to measure accurately with the type S pitot tube specified in EPA Method 2 of Appendix A-1 of this part [*i.e.*, velocity head <1.3 mm H₂O (0.05 in. H₂O)] and referred to in EPA Method 5 of Appendix A-3 of this part. For these conditions, the owner or operator may determine the average gas flow rate produced by the power fans (*e.g.*, from vendor-supplied fan curves) to the building vent. The owner or operator may calculate the average gas velocity at the building vent measurement site using Equation 1 of this section and use this average velocity in determining and maintaining isokinetic sampling rates.

$$v_e = \frac{Q_f}{A_e} \quad (\text{Eq. 1})$$

Where:

V_e = average building vent velocity (feet per minute);

Q_f = average fan flow rate (cubic feet per minute); and

A_e = area of building vent and measurement location (square feet).

(f) To comply with §60.676(d), the owner or operator shall record the measurements as required in §60.676(c) using the monitoring devices in §60.674 (a)(1) and (2) during each particulate matter run and shall determine the averages.

(g) For performance tests involving only Method 9 (40 CFR part 60 Appendix A-4) testing, the owner or operator may reduce the 30-day advance notification of performance test in §60.7(a)(6) and 60.8(d) to a 7-day advance notification.

(h) [Reserved]

(i) If the initial performance test date for an affected facility falls during a seasonal shut down (as defined in §60.671 of this subpart) of the affected facility, then with approval from the permitting authority, the owner or operator may postpone the initial performance test until no later than 60 calendar days after resuming operation of the affected facility.

§ 60.676 Reporting and recordkeeping.

(a) Each owner or operator seeking to comply with §60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

(1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

(i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and

(ii) The rated capacity in tons per hour of the replacement equipment.

(2) For a screening operation:

(i) The total surface area of the top screen of the existing screening operation being replaced and

(ii) The total surface area of the top screen of the replacement screening operation.

(3) For a conveyor belt:

(i) The width of the existing belt being replaced and

(ii) The width of the replacement conveyor belt.

(4) For a storage bin:

(i) The rated capacity in megagrams or tons of the existing storage bin being replaced and

(ii) The rated capacity in megagrams or tons of replacement storage bins.

(b)(1) Owners or operators of affected facilities (as defined in §§60.670 and 60.671) for which construction, modification, or reconstruction commenced on or after April 22, 2008, must record each periodic inspection required under §60.674(b) or (c), including dates and any corrective actions taken, in a logbook (in written or electronic format). The owner or operator must keep the logbook onsite and make hard or electronic copies (whichever is requested) of the logbook available to the Administrator upon request.

(2) For each bag leak detection system installed and operated according to §60.674(d), the owner or operator must keep the records specified in paragraphs (b)(2)(i) through (iii) of this section.

(i) Records of the bag leak detection system output;

(ii) Records of bag leak detection system adjustments, including the date and time of the adjustment, the initial bag leak detection system settings, and the final bag leak detection system settings; and

(iii) The date and time of all bag leak detection system alarms, the time that procedures to determine the cause of the alarm were initiated, the cause of the alarm, an explanation of the actions taken, the date and time the cause of the alarm was alleviated, and whether the cause of the alarm was alleviated within 3 hours of the alarm.

(3) The owner or operator of each affected facility demonstrating compliance according to §60.674(e) by following the requirements for processed stone handling operations in the Lime Manufacturing NESHAP (40 CFR part 63, subpart AAAAA) must maintain records of visible emissions observations required by §63.7132(a)(3) and (b) of 40 CFR part 63, subpart AAAAA.

(c) During the initial performance test of a wet scrubber, and daily thereafter, the owner or operator shall record the measurements of both the change in pressure of the gas stream across the scrubber and the scrubbing liquid flow rate.

(d) After the initial performance test of a wet scrubber, the owner or operator shall submit semiannual reports to the Administrator of occurrences when the measurements of the scrubber pressure loss and liquid flow rate decrease by more than 30 percent from the average determined during the most recent performance test.

(e) The reports required under paragraph (d) of this section shall be postmarked within 30 days following end of the second and fourth calendar quarters.

(f) The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in §60.672 of this subpart, including reports of opacity observations made using Method 9 (40 CFR part 60, Appendix A-4) to demonstrate compliance with §60.672(b), (e) and (f).

(g) The owner or operator of any wet material processing operation that processes saturated and subsequently processes unsaturated materials, shall submit a report of this change within 30 days following such change. At the time of such change, this screening operation, bucket elevator, or belt conveyor becomes subject to the applicable opacity limit in §60.672(b) and the emission test requirements of §60.11.

(h) The subpart A requirement under §60.7(a)(1) for notification of the date construction or reconstruction commenced is waived for affected facilities under this subpart.

(i) A notification of the actual date of initial startup of each affected facility shall be submitted to the Administrator.

(1) For a combination of affected facilities in a production line that begin actual initial startup on the same day, a single notification of startup may be submitted by the owner or operator to the Administrator. The notification shall be postmarked within 15 days after such date and shall include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available.

(2) For portable aggregate processing plants, the notification of the actual date of initial startup shall include both the home office and the current address or location of the portable plant.

(j) The requirements of this section remain in force until and unless the Agency, in delegating enforcement authority to a State under section 111(c) of the Act, approves reporting requirements or an alternative means of compliance surveillance adopted by such States. In that event, affected facilities within the State will be relieved of the obligation to comply with the reporting requirements of this section, provided that they comply with requirements established by the State.

(k) Notifications and reports required under this subpart and under subpart A of this part to demonstrate compliance with this subpart need only to be sent to the EPA Region or the State which has been delegated authority according to §60.4(b).

Table 1 to Subpart OOO—Exceptions to Applicability of Subpart A to Subpart OOO

Table 1 to Subpart OOO—Exceptions to Applicability of Subpart A to Subpart OOO

Subpart A reference	Applies to subpart OOO	Explanation
60.4, Address	Yes	Except in §60.4(a) and (b) submittals need not be submitted to both the EPA Region and delegated State authority (§60.676(k)).
60.7, Notification and recordkeeping	Yes	Except in (a)(1) notification of the date construction or reconstruction commenced (§60.676(h)).
		Also, except in (a)(6) performance tests involving only Method 9 (40 CFR part 60, Appendix A-4) require a 7-day advance notification instead of 30 days (§60.675(g)).
60.8, Performance tests	Yes	Except in (d) performance tests involving only Method 9 (40 CFR part 60, Appendix A-4) require a 7-day advance notification instead of 30 days (§60.675(g)).
60.11, Compliance with standards and maintenance requirements	Yes	Except in (b) under certain conditions (§§60.675(c)), Method 9 (40 CFR part 60, Appendix A-4) observation is reduced from 3 hours to 30 minutes for fugitive emissions.
60.18, General control device	No	Flares will not be used to comply with the emission limits.

Table 2 to Subpart OOO—Stack Emission Limits for Affected Facilities With Capture Systems

Table 2 to Subpart OOO—Stack Emission Limits for Affected Facilities With Capture Systems

For * * *	The owner or operator must meet a PM limit of * * *	And the owner or operator must meet an opacity limit of * * *	The owner or operator must demonstrate compliance with these limits by conducting * * *
Affected facilities (as defined in §§60.670 and 60.671) that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008	0.05 g/dscm (0.022 gr/dscf) ^a	7 percent for dry control devices ^b	An initial performance test according to §60.8 of this part and §60.675 of this subpart; and Monitoring of wet scrubber parameters according to §60.674(a) and §60.676(c), (d), and (e).
Affected facilities (as defined in	0.032 g/dscm	Not applicable	An initial performance

§§60.670 and 60.671) that commence construction, modification, or reconstruction on or after April 22, 2008	(0.014 gr/dscf) ^a	(except for individual enclosed storage bins) 7 percent for dry control devices on individual enclosed storage bins	test according to §60.8 of this part and §60.675 of this subpart; and Monitoring of wet scrubber parameters according to §60.674(a) and §60.676(c), (d), and (e); and
			Monitoring of baghouses according to §60.674(c), (d), or (e) and §60.676(b).

^aExceptions to the PM limit apply for individual enclosed storage bins and other equipment. See §60.672(d) through (f).

^bThe stack opacity limit and associated opacity testing requirements do not apply for affected facilities using wet scrubbers.

Table 3 to Subpart 000—Fugitive Emission Limits

Table 3 to Subpart 000—Fugitive Emission Limits

For * * *	The owner or operator must meet the following fugitive emissions limit for grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in §§60.670 and 60.671) * * *	The owner or operator must meet the following fugitive emissions limit for crushers at which a capture system is not used * * *	The owner or operator must demonstrate compliance with these limits by conducting * * *
Affected facilities (as defined in §§60.670 and 60.671) that commenced construction, modification, or	10 percent opacity	15 percent opacity	An initial performance test according to §60.11 of this part and §60.675 of this subpart.

<p>reconstruction after August 31, 1983 but before April 22, 2008</p>			
<p>Affected facilities (as defined in §§60.670 and 60.671) that commence construction, modification, or reconstruction on or after April 22, 2008</p>	<p>7 percent opacity</p>	<p>12 percent opacity</p>	<p>An initial performance test according to §60.11 of this part and §60.675 of this subpart; and Periodic inspections of water sprays according to §60.674(b) and §60.676(b); and</p>
			<p>A repeat performance test according to §60.11 of this part and §60.675 of this subpart within 5 years from the previous performance test for fugitive emissions from affected facilities without water sprays. Affected facilities controlled by water carryover from upstream water sprays that are inspected according to the requirements in §60.674(b) and §60.676(b) are exempt from this 5-year repeat testing requirement.</p>

**Indiana Department of Environmental Management
Office of Air Quality**

**Technical Support Document (TSD) for a
Federally Enforceable State Operating Permit Renewal**

Source Background and Description

Source Name:	Sellersburg Stone Company, Inc.
Source Location:	1019 E. Utica Street, Sellersburg, Indiana 47172
County:	Clark
SIC Code:	1422 (Crushed and Broken Limestone)
Permit Renewal No.:	F019-29973-00011
Permit Reviewer:	Janet Mobley

The Office of Air Quality (OAQ) has reviewed the operating permit renewal application from Sellersburg Stone Company, Inc. relating to the operation of a stationary crushed stone processing plant and portable limestone crusher. The portable limestone crusher was issued SSOA No. 019-24272-05303 on March 5, 2007 and the FESOP is limited to accommodate this (see more information regarding this in the existing approvals section of this Technical Support Document).

On December 6, 2010, Sellersburg Stone Company, Inc. submitted an application to the OAQ requesting to renew its operating permit. Sellersburg Stone Company, Inc. was issued its first FESOP Renewal (F019-18587-00011) on November 16, 2006.

The previous permit was issued under the SIC code of 3281 (Cut Stone and Stone products). The SIC code was reviewed during this renewal and the new SIC for the plant will be 1422 (Crushed and Broken Limestone). The SIC code 3274 (Lime) was also evaluated, because the crushing process also produces a product that is labeled as "dust". The "dust" is then screened to create two types of product called "grit" and "aglime". The description of the aglime SIC reads, "Establishments primarily engaged in manufacturing quicklime, hydrated lime, and "dead-burned" dolomite from limestone, dolomite shells, or other substances." Based on this, the aglime process is not considered a "primary" process of this process because aglime consists of less than 2% of their finished product.

Source Definition

Sellersburg Stone Company operates both a quarry (source identification no.: 019-00011) and an asphalt pavement plant (source identification no.: 019-00126) at the same location. IDEM has determined that these plants are not one major source. This conclusion was initially determined under Significant Permit Revision (F019-29972-00126) issued on April 1, 2011.

The determination that these plants are not one major source was based on an examination by IDEM, OAQ whether these two plants are part of the same major source. The term "major source" is defined at 326 IAC 2-7-1(22). In order for these two plants to be considered one major source, they must meet all three of the following criteria:

- (1) the plants must be under common ownership or common control;
- (2) the plants must have the same two-digit Standard Industrial Classification (SIC) Code or one must serve as a support facility for the other; and,
- (3) the plants must be located on contiguous or adjacent properties.

The two plants have the same owner, so common ownership and common control exists. The first part of the major source definition is met.

The SIC Code Manual of 1987 sets out how to determine the proper SIC Code for each type of business. More information about SIC Codes is available at http://www.osha.gov/pls/imis/sic_manual.html on the Internet. The quarry has the two-digit SIC Code 14 for the Major Group Mining and Quarrying of Nonmetallic Minerals, Except Fuels. The asphalt plant has the two-digit SIC Code 29 for the Major Group Petroleum Refining and Related Industries. Therefore, the two plants do not have the same two-digit SIC code.

A plant is a support facility to another plant if it dedicates 50% or more of its output to the other plant. The quarry provides aggregate to the asphalt plant. The quarry sends at most 35% of its output to the asphalt plant. The asphalt plant will not dedicate any of its asphalt pavement production to the quarry. The quarry and asphalt plant have separate production staff and separate plant managers. Since the plants have different SIC Codes and neither qualifies as a support facility to the other, they do not meet the second part of the major source definition.

The two plants will be located on the same property, so the third part of the definition is met. However, since the plants do not meet all three parts of the major source definition, IDEM, OAQ has determined that the two plants are not part of the same major source.

Therefore, based on this evaluation these plants are still not considered one (1) major source, as defined by 326 IAC 2-7-1(22).

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units:

- (a) One (1) permanent crushing operation, constructed in 1985, with a maximum capacity of 1,400 tons per hour, equipped with the following:
 - (1) One (1) primary crusher, identified as Unit #1a, constructed in 1985, with a maximum capacity of 700 tons per hour, and exhausting through one (1) stack ID #1.
 - (2) One (1) primary crusher, identified as Unit #1b, constructed in 2009, with a maximum capacity of 700 tons per hour, and exhausting through one (1) stack ID#1.
 - (3) One (1) secondary crusher, identified as Unit #2A, constructed in 2010, with a maximum capacity of 900 tons per hour, exhausting through one (1) stack ID #2.
 - (4) One (1) tertiary crusher, identified as Unit #3A, constructed in 1985, with a maximum capacity of 900 tons per hour, exhausting back into the building.
 - (5) Triple finish screens and scalper screens, identified as Unit #4a and Unit #4b, each with a maximum capacity of 2,500 and 1,400 tons per hour, respectively, each exhausting back into the building.
 - (6) Conveyors, identified as Unit #5, with a maximum capacity of 1,936 tons per hour, exhausting fugitively.
 - (7) Two (2) conveyors, identified as Unit #C30, constructed in 2001, with a total maximum capacity of 400 tons per hour, exhausting fugitively to the atmosphere.

- (8) Three (3) hoppers, identified as Units #B1, #B2 and #B3, constructed in 2001, with a total maximum capacity of 400 tons per hour, exhausting fugitively to the atmosphere.
- (9) Three (3) conveyors, identified as C31, C32 and C33, with a total maximum capacity of 200 tons per hour, exhausting fugitively to the atmosphere.
- (10) One (1) screen, identified as SC-10, with a maximum capacity of 200 tons per hour, exhausting fugitively to the atmosphere.
- (11) One (1) sand screw with a maximum capacity of 200 tons per hour.

Under NSPS Subpart OOO, the permanent crushing operation and blending bins are considered affected sources.

- (b) One (1) aggregate wash plant, constructed in 1986, with a maximum capacity of 400 tons per hour, equipped with the following:
 - (1) Screens, identified as Unit #11, with a maximum capacity of 400 tons per hour, exhausting fugitively.
 - (2) Conveyors, identified as Unit #12, with a maximum capacity of 400 tons per hour, exhausting fugitively.

Under NSPS Subpart OOO, the aggregate wash plant is considered an affected source.

- (c) One (1) portable agricultural lime operation, constructed in 2003, with a maximum capacity of 400 tons per hour equipped with the following:
 - (1) Screens, identified as Unit #13, with a maximum capacity of 400 tons per hour, exhausting fugitively.
 - (2) Conveyors, identified as Unit #14, with a maximum capacity of 400 tons per hour, exhausting fugitively.

Insignificant Activities

The source also consists of the following insignificant activities:

- (a) One (1) 500 gallon on-road diesel tank.
- (b) One (1) 500 gallon gasoline fuel tank.
- (c) One (1) 10,000 gallon diesel fuel tank.
- (d) One (1) 500 gallon diesel fuel tank.
- (e) Two (2) 500 gallon oil tanks.
- (f) One (1) 300 gallon oil tank.
- (g) One (1) 300 gallon kerosene tank.
- (h) One (1) 1000 gallon used oil tank.

- (i) One (1) 500 gallon used antifreeze tank.
- (j) One (1) 500 gallon used oil tank.
- (k) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]

Emission Units and Pollution Control Equipment Constructed and/or Operated without a Permit

The source does not have any emission units that were constructed or are operating without a permit during this review.

Emission Units and Pollution Control Equipment Removed From the Source

The source has not removed any emission units in this review. See below for a portable crushing limestone operation that was permitted but never constructed.

Existing Approvals

Since the issuance of the FESOP (F019-18587-00011) on November 16, 2006, the source has constructed or has been operating under the following additional approvals:

- (a) Administrative Amendment No. 019-29658-00011 issued on September 21, 2010.
- (b) Administrative Amendment No. 019-29210-00011 issued on May 18, 2010.
- (c) Administrative Amendment No. 019-28167-00011 issued on August 27, 2009.
- (d) Minor Permit Revision No. 019-24038-00011 issued on March 5, 2007.
- (e) Administrative Amendment No. 019-20289-00011 issued on July 19, 2005.
- (f) Administrative Amendment No. 019-18619-00011 issued on April 7, 2004.

- (a) SSOA 019-24272-05303, issued March 5, 2007
The existing FESOP was revised through a Minor Permit Revision No. (019-24038-00011), issued on March 5, 2007 to incorporate a portable crushing limestone operation. However, it was discovered during this review that the portable limestone crushing operation was never constructed and not planned to be constructed in the future. Since this portable crushing limestone operation was never constructed, it will not be incorporated in this FESOP renewal.

This portable limestone crushing operation was also permitted under SSOA 019-24272-05303 and will be revoked upon issuance of this renewal.

- (b) SSOA (019-17933-05236) issued on September 5, 2003
It was also discovered under this review that a portable agricultural lime production facility in the same location should be incorporated in this renewal because they are located in the same location. This agricultural lime operation consists of screening the dust and two conveyors to move the dust where it can be bagged and sold to customers.

This agricultural lime operation is currently permitted under SSOA (019-17933-05236) issued on September 5, 2003, and will be revoked upon issuance of this renewal.

All terms and conditions of previous permits issued pursuant to permitting programs approved into the State Implementation Plan have been either incorporated as originally stated, revised, or deleted by this permit. All previous registrations and permits are superseded by this permit.

Enforcement Issue

There are no enforcement actions pending.

Emission Calculations

See Appendix A of this document for detailed emission calculations.

During this review, the emissions calculations were updated for all units, using the most recent version of U.S. EPA's AP-42.

County Attainment Status

The source is located in Clark County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Attainment effective July 19, 2007, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Not designated.

¹Attainment effective October 23, 2001, for the 1-hour ozone standard for the Louisville area, including Clark County, and is a maintenance area for the 1-hour ozone National Ambient Air Quality Standard (NAAQS) for purposes of 40 CFR Part 51, Subpart X*. The 1-hour standard was revoked effective June 15, 2005.

Basic nonattainment designation effective federally April 5, 2005, for PM_{2.5}.

- (a) **Ozone Standards**
Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to ozone. Clark County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) **PM_{2.5}**
Clark County has been classified as nonattainment for PM_{2.5} in 70 FR 943 dated January 5, 2005. On May 8, 2008, U.S. EPA promulgated specific New Source Review rules for PM_{2.5} emissions. These rules became effective on July 15, 2008. Therefore, direct PM_{2.5} and SO₂ emissions were reviewed pursuant to the requirements of Nonattainment New Source Review, 326 IAC 2-1.1-5. See the State Rule Applicability – Entire Source section.
- (c) **Other Criteria Pollutants**
Clark County has been classified as attainment or unclassifiable in Indiana for SO₂, CO, PM₁₀ and Pb. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

Process/ Emission Unit	Potential To Emit of the Entire Source After Issuance of Renewal (tons/year)									
	PM	PM ₁₀ *	PM _{2.5} **	SO ₂	NO _x	VOC	CO	GHGs as CO _{2e} ***	Total HAPs	Worst Single HAP
Three hoppers, Units #B1, #B2 and #B3 ****	0.25	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Three conveyors, Units C31, C32 and C33 ****	0.12	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
One screen, Unit SC-10	1.93	0.65	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
One sand screw, Unit	1.93	0.65	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Screens, Unit #11	3.85	1.30	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conveyors, Unit #12 ****	0.25	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lime Dust Operation Screening, Unit #13	3.85	1.30	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lime Dust Operation Conveyors, Unit #14 ****	0.25	0.08	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Nonfugitive Emissions	68.25	24.86	2.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fugitive Emissions										
Material Storage Piles	15.21	5.32	5.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unpaved Roads	189.50	48.30	48.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paved Roads	50.14	10.03	2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Storage Tanks	negl.	negl.	negl.	negl.	negl.	negl.	negl.	0.00	negl.	negl.
Total Fugitive Emissions	323.10	88.50	58.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Title V Major Source Thresholds	NA	100	100	100	100	100	100	100,000	25	10
PSD Major Source Thresholds	250	250	NA	250	250	250	250	100,000	NA	NA
Emission Offset/ Nonattainment NSR Major Source Thresholds	NA	NA	100	NA	NA	NA	NA	NA	NA	NA

negl. = negligible

*Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM₁₀), not particulate matter (PM), is considered as a "regulated air pollutant".

**PM_{2.5} listed is direct PM_{2.5}.

***The 100,000 CO_{2e} threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.

**** = Uncontrolled

- (a) This existing stationary source is not major for PSD because the emissions of each regulated pollutant, excluding GHGs, are less than two hundred fifty (<250) tons per year, emissions of GHGs are less than one hundred thousand (<100,000) tons of CO₂ equivalent emissions (CO₂e) per year, and it is not in one of the twenty-eight (28) listed source categories.
- (b) This existing stationary source is not major for Emission Offset and Nonattainment NSR because the emissions of the nonattainment pollutant, PM₁₀, are less than one hundred (<100) tons per year.

326 IAC 2-8-4 (FESOP) Status

This existing source is not a Title V major stationary source, because the potential to emit criteria pollutants from the entire source will continue to be limited to less than the Title V major source threshold levels. In addition, this existing source potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is less than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination of HAPs is less than twenty-five (25) tons per year.

Therefore, this existing source is still an area source under Section 112 of the Clean Air Act and is still subject to the provisions of 326 IAC 2-8 (FESOP).

The following terms and conditions from the previous approval have been revised or changed in this FESOP Renewal:

- (a) A new pound per hour FESOP limit for PM_{2.5} has been added to the permit, because on May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM_{2.5} emissions, with an effective date for the rule of July 15, 2008. While Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements, the May 8, 2008 rule revisions require IDEM to regulate PM₁₀ emissions as a surrogate for PM_{2.5} emissions until 326 IAC 2-2 is revised.

In this renewal the PM, PM₁₀ and PM_{2.5} limits are specified for individual units, not as an overall limit, which is new in this renewal.

In order to render the requirements of 326 IAC 2-2 (PSD) and 326 IAC 2-7 (Part 70 Permit Program) not applicable, PM₁₀ and PM_{2.5} shall not exceed the emissions limits listed in the table below:

Unit and ID	PM ₁₀ Emission Limit (lbs/hr)	PM _{2.5} Emission Limit (lbs/hr)
Primary Crusher, Unit #1a	0.38	0.07
Primary Crusher, Unit #1b	0.38	0.07
Secondary Crusher, Unit #2A	0.49	0.09
Tertiary Crusher, Unit #3A	0.49	0.09
Triple Finish Screens, Unit #4a	1.85	0.13
Scalper Screens, Unit #4b	1.04	0.07
Conveyors, Unit #5	0.09	0.03
One screen, Unit #SC-10	0.15	0.01
One sand screw	0.15	0.01
Screens, Unit #11	0.30	0.02
Limestone Dust Screening, Unit #13	0.02	0.01

Compliance with this limitation, combined with the potential to emit PM₁₀ and PM_{2.5} from other emission units at this source, shall limit the source-wide PTE of PM₁₀ and PM_{2.5} to less than 100 tons per twelve (12) consecutive month period and shall render the requirements of 326 IAC 2-2 and 326 IAC 2-7 not applicable.

The source will comply with the PM-10 and PM2.5 emission limits by utilizing the water spray suppression method and other control methods for the permanent crushing operation, the wash plant, as included in the fugitive dust control plan.

(b) PSD Minor Source

This existing source is not a major stationary source, under PSD (326 IAC 2-2), because the potential to emit PM is limited to less than two hundred fifty (250) tons per year and the potential to emit all other attainment regulated pollutants are less than two hundred fifty (250) tons per year, and this source is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1). Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

A new pound per hour (lb/hour) PM emission limit has been added to the permit to make the limits more practicably enforceable, to limit PM emissions from the entire source to less than two hundred fifty (250) tons per year, making 326 IAC 2-2 PSD not applicable.

In order to render the requirements of 326 IAC 2-2 (PSD) not applicable, particulate matter (PM) emissions shall not exceed the emissions limits listed in the table below:

Unit and ID	PM Emission Limit (lbs/hr)
Primary Crusher, Unit #1a	0.84
Primary Crusher, Unit #1b	0.84
Secondary Crusher, Unit #2A	1.08
Tertiary Crusher, Unit #3A	1.08
Triple Finish Screens, Unit #4a	5.50
Scalper Screens, Unit #4b	3.08
Conveyors, Unit #5	0.27
One screen, Unit #SC-10	0.44
One sand screw	0.44
Screens, Unit #11	0.88
Limestone Dust Screening, Unit #13	0.88

Compliance with this limitation, combined with the potential to emit PM from other emission units at this source, shall limit the source-wide PTE of PM to less than 250 tons per twelve (12) consecutive month period and shall render the requirement of 326 IAC 2-2 not applicable.

Federal Rule Applicability

Compliance Assurance Monitoring (CAM)

- (a) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the potential to emit of the source is limited to less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

New Source Performance Standards (NSPS)

- (a) The requirements of the New Source Performance Standards, 40 CFR 60.110 through 60.113, Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978, are not included for any of the petroleum storage tanks at this source because the capacity of each tank is less than 40,000 gallons. Pursuant to 40 CFR 60.110(a) these tanks are exempt from the requirements of this rule.

- (b) The requirements of the New Source Performance Standards, 40 CFR 60.110a through 60.115a, Subpart Ka, Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984, are not included for any of the petroleum storage tanks at this source because the capacity of each tank is less than 40,000 gallons. Pursuant to 40 CFR 60.110a(a) these tanks are exempt from the requirements of this rule.
- (c) The requirements of the New Source Performance Standards, 40 CFR 60.110b through 60.117b, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification Commenced After July 23, 1984, are not included for any of the storage tanks at this source because the capacity of each tank is less than 75 cubic meters. Pursuant to 40 CFR 60.110b(a) these tanks are exempt from the requirements of this rule.
- (d) The requirements of the New Source Performance Standards, 40 CFR 60.670 through 60.676, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants, are included in the permit for the permanent crushing operation (*excluding Unit 1b see explanation below*), the aggregate wash plant, and the blending bins. These units were constructed after the August 31, 1983, rule applicability date and they are part of a fixed nonmetallic mineral processing plant.

The following opacity limitations are applicable:

- (1) the crushing operations is limited to fifteen percent (15%) opacity or less, and
- (2) the screening and conveying operations are limited to ten percent (10%) opacity or less.

Nonapplicable portions of the NSPS will not be included in the permit. The permanent crushing operation, the aggregate wash plant and the blending bins are subject to the following portions of Subpart OOO.

- (1) 40 CFR 60.670(a)(1).
- (2) 40 CFR 60.670(a)(2).
- (3) 40 CFR 60.670(d)(1).
- (4) 40 CFR 60.670(d)(2).
- (5) 40 CFR 60.670(d)(3).
- (6) 40 CFR 60.670(e).
- (7) 40 CFR 60.670(f).
- (8) 40 CFR 60.671.
- (9) 40 CFR 60.672(b).
- (10) 40 CFR 60.672(c).
- (11) 40 CFR 60.672(d).
- (12) 40 CFR 60.672(h).
- (13) 40 CFR 60.673.
- (14) 40 CFR 60.675(a).
- (15) 40 CFR 60.675(b)(2).
- (16) 40 CFR 60.675(c)(1).
- (17) 40 CFR 60.675(c)(3).
- (18) 40 CFR 60.675(e).
- (19) 40 CFR 60.675(h).
- (20) 40 CFR 60.676(a).
- (21) 40 CFR 60.676(f).
- (22) 40 CFR 60.676(g).
- (23) 40 CFR 60.676(j).

The provisions of 40 CFR 60 Subpart A – General Provisions, apply to the facilities described in this section except when otherwise specified in 40 CFR 60 Subpart OOO.

The following determination for Primary Crusher, unit #1b, was initially made in FESOP Administrative Amendment 019-28167-00011 issued on August 27, 2009:

The Primary crusher, unit #1a, constructed in 1985, is subject to the New Source Performance Standard (NSPS) for Nonmetallic Mineral Processing Plants, 40 CFR 60, Subpart OOO. When the Primary crusher, unit #1b was constructed in 2009, a determination was made that it was subject to Subpart OOO because it was constructed after August 31, 1983, and had a maximum stone crushing capacity greater than twenty-five (25) tons per hour. However, this Primary crusher unit #1b will perform the same function and is the same size as the existing primary crusher, unit #1a that it is replacing. Therefore, pursuant to 40 CFR 60.670(d)(1), the primary crusher, unit#1b is exempt from these specific provisions of §§60.672, 60.674, and 60.675, because the Permittee is not replacing all existing facilities in a production line with new facilities. However, pursuant to 40 CFR 60.670(d)(3), once all of the existing facilities in a production line have been replaced the exemption described in 40 CFR 60.670(d)(1) is no longer valid and the primary crusher must comply with the provisions of §§60.672, 60.674 and 60.675. Subpart OOO was revised on April 28, 2009. As a result, applicable requirements for the Primary Crusher Unit#1b are separated from the applicable requirements for the Primary Crusher Unit#1a (see Section E.2 which includes the revised NSPS requirements that are applicable to the Primary crusher, unit #1b, only).

The primary crusher, unit #1b is subject to the following portions of Subpart OOO.

- (1) 40 CFR 60.670(a)(1)
- (2) 40 CFR 60.670(a)(2)
- (3) 40 CFR 60.670(d)(1)
- (4) 40 CFR 60.670(d)(2)
- (5) 40 CFR 60.670(d)(3)
- (6) 40 CFR 60.670(e)
- (7) 40 CFR 60.670(f)
- (8) 40 CFR 60.671
- (9) 40 CFR 60.673
- (10) 40 CFR 60.676(a)(1)
- (11) 40 CFR 60.676(h)
- (12) 40 CFR 60.676(i)
- (13) 40 CFR 60.676(j)
- (14) 40 CFR 60.670(k)
- (15) Table 1

The requirements of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated as 326 IAC 12-1, apply to the source except as otherwise specified in 40 CFR 60, Subpart OOO.

- (e) This source is not subject to the requirements of the New Source Performance Standards (NSPS), 40 CFR 60, Subpart HH (Lime Manufacturing Plants), (40 CFR Part 60.340-60.344), because this source does not manufacture lime.
- (f) This source is not subject to the requirements of the New Source Performance Standards (NSPS), 40 CFR 60, Subpart LL (Standards of Performance for Metallic Mineral Processing Plants), (40 CFR Part 60.380-60-386). This rule applies to affected facilities in metallic mineral processing plants, constructed after August 24, 1982, where metallic mineral processing plants are defined as any combination of equipment that produces metallic mineral concentrates from ore. The rule further defines metallic mineral concentrates as material containing metallic compounds in concentrations higher than naturally occurring in ore but requiring additional processing to isolate

pure metal, and also containing at least one of the following metals (aluminum, copper, gold, iron, lead, molybdenum, silver, titanium, tungsten, uranium, zinc and zirconium) in any of its oxidation states and at a concentration that contributes to the concentrate's commercial value. The metallic mineral concentrates processed by this plant are primarily composed of magnesium, with some calcium, but no significant levels of any of the above listed metals. This plant does not meet the definition of a metallic mineral processing plant per 40 CFR 60.380, and therefore is not subject to this rule.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (a) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP)(326 IAC 14, 20 and 40 CFR Part 61, 63) included in this permit renewal.
- (b) This source is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs), 40 CFR 63, Subpart AAAAA (Lime Manufacturing Plants), (40 CFR Part 63.7080 - 63.7143), because this source is not a major source of HAPs as defined in 40 CFR 63.2.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration (PSD))

This source is not a major stationary source, under PSD (326 IAC 2-2), because the potential to emit of all attainment regulated pollutants are less than 250 tons per year, and this source is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1). Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

326 IAC 2-3 Emission Offset Minor Status

All counties in Indiana have been classified as attainment or unclassifiable in Indiana for all criteria pollutants, except PM2.5. Therefore, the requirements of 326 IAC 2-3 (Emission Offset) do not apply and are not included in the permit.

326 IAC 2-1.1-5 (Nonattainment NSR)

Clark County has been designated as non-attainment for PM 2.5 in 70 FR 943 dated January 5, 2005. This existing source is not a major source, under 326 IAC 2-1.1-5 (Nonattainment New Source Review), because the potential to emit particulate matter with a diameter less than two and five tenths (2.5) micrometers (PM2.5), is limited to less than one hundred (100) tons per year. Therefore, the requirements of 326 IAC 2-1.1-5 (Nonattainment New Source Review) do not apply to this source, and are not included in the permit.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

The potential to emit of any single HAP is less than ten (10) tons per year and the potential to emit of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-4.1.

326 IAC 2-6 (Emission Reporting)

This source is not subject to 326 IAC 2-6 (Emission Reporting) because it is not required to have an operating permit pursuant to 326 IAC 2-7 (Part 70); it is not located in Lake, Porter, or LaPorte County, and its potential to emit lead is less than 5 tons per year. Therefore, this rule does not apply.

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in the permit:

- (a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

326 IAC 6.5 PM Limitations Except Lake County

The particulate matter emissions from the permanent crushing operation, the aggregate wash plant, and the blending bins are subject to the requirements of 326 IAC 6.5-1-2(a) (Particulate matter limitations except Lake County) even though this source is located in one of the counties it is not specifically listed in 326 IAC 6.5-1-1(a), the actual PM emission are greater than 10 tons per year.

326 IAC 6-4 (Fugitive Dust Emissions)

This source is subject to 326 IAC 6-4 for fugitive dust emissions. Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions), fugitive dust shall not be visible crossing the boundary or property line of a source. Observances of visible emissions crossing property lines may be refuted by factual data expressed in 326 IAC 6-4-2(1), (2) or (3).

326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)

This source is subject to 326 IAC 6-5 for fugitive particulate matter emissions. Pursuant to 326 IAC 6-5, for any new source which has not received all the necessary preconstruction approvals before December 13, 1985. The fugitive dust control plan for this source is an attachment to this permit.

326 IAC 6.8 PM Limitations for Lake County

This source is not subject to 326 IAC 6.8 because it is not located in Lake county.

326 IAC 12 (New Source Performance Standards)

See Federal Rule Applicability Section of this TSD.

326 IAC 20 (Hazardous Air Pollutants)

See Federal Rule Applicability Section of this TSD.

State Rule Applicability – Individual Facilities

Crushing Operation

326 IAC 6.5-1-2 (Particulate Emission Limitations)

This source is subject to the requirements of 326 IAC 6.5-1-2(a), since it is located in Clark County and has the potential to emit (PTE) greater than one-hundred (100) tons of particulate matter per year, but is not specifically listed in 326 IAC 6-5-2 through 326 IAC 6.5-10. Pursuant to 326 IAC 6.5-1-2(a), particulate matter emissions shall not exceed three-hundredths (0.03) grain per dry standard cubic foot (dscf) of outlet air.

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)

Pursuant to 326 IAC 6-3-1(c)(3), this rule shall not apply if a facility is subject to a particulate matter limitation established in 326 IAC 6.5 that is more stringent than the particulate limitation under 326 IAC 6-3. The crushing operation is subject to the requirements of 326 IAC 6.5; therefore, the requirements of 326 IAC 6-3 are not applicable to this source.

Since the first renewal was issued, the source has replaced one of the two existing primary crushers (Unit#1a), the secondary crusher (Unit#2a) and the tertiary crusher (Unit #3a) in separate administrative amendments. The replacements did not result in the replacement or repair of the entire crushing process and did not qualify as a reconstruction of the entire crushing process, and there were no increase of actual emissions, therefore, administrative amendments were issued. The source has also added three (3) conveyors (C31, C32 and C33), one (1) sand screw and one (1) screen (SC-10) in an administrative amendment, and the existing limits did not change and the source did not increase the crushing capacity as a result of the new units being added.

Storage Tanks (Insignificant)

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

Pursuant to 326 IAC 8-9-2(4), the petroleum storage vessels at the source, all with a capacity of less than 420,000 gallons and located in Clark County, are not subject to the reporting and record keeping provisions of 326 IAC 8-9-6(a) and 326 IAC 8-9-6(b).

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-8 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

If the Compliance Determination Requirements are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

Emission Unit and Control Device	Parameter	Frequency	Range	Excursions and Exceedances
Crushers, conveyors, screens, and material transfer points controlled by wet suppression	Visible Emissions	Daily	Normal-Abnormal	Response Steps

These monitoring conditions are necessary because the wet suppression system for the permanent crushing operation must be in operation and operating properly to ensure compliance with 326 IAC 12 (40 CFR 60.670 through 60.676, Subpart OOO), 326 IAC 6-3-2 (Particulate Matter Emission Limitations), 326 IAC 2-8 (FESOP) and to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

Testing Requirements

This source is subject to 40 CFR 60, Subpart OOO (Standards of Performance Standards of Performance for Nonmetallic Mineral Processing Plants), and shall comply with the opacity compliance testing requirements of the rule. The initial performance test to demonstrate compliance with 40 CFR 60, Subpart OOO was performed July 29, 2003.

The most recent test was performed on September 15, 2010. This test showed that the crusher was able to comply with 40 CFR 60, Subpart OOO. This source is subject to 40 CFR 60, Subpart OOO (Standards of Performance Standards of Performance for Nonmetallic Mineral Processing Plants), and shall comply with the opacity compliance testing requirements of the rule.

The source continues to have applicable testing requirements as specified below:

Emission Unit	Control Device	Pollutant	Timeframe for Testing	Frequency of Testing
Crushers	Wet Suppression	Opacity	Within 5 yrs of last valid test	Once every five (5) years

Recommendation

The staff recommends to the Commissioner that the FESOP Renewal be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on December 6, 2010. Additional information was received on May 27, June 10 and August 4, 2011.

Conclusion

The operation of this crushed stone processing plant shall be subject to the conditions of the attached FESOP Renewal No. 019-29973-00011.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Janet Mobley at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-5373 or toll free at 1-800-451-6027 extension 4-5373.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

**Appendix A: Emissions Calculations
SUMMARY**

Company Name: Sellersburg Stone Company, Inc.
Address City IN Zip: 1019 E. Utica Street, Sellersburg, IN 47172
FESOP Renewal ID: 019-29973-00011
Reviewer: Janet Mobley

Potential to Emit in tons/year

UNCONTROLLED

Unit	PM	PM10	PM 2.5	SOx	NOx	VOC	CO	GHGs	Total HAPs	Single HAP
Primary Crusher, Unit #1a	16.56	7.36	7.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Primary Crusher, Unit #1b	16.56	7.36	7.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Secondary Crusher, Unit #2A	21.29	9.46	9.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tertiary Crusher, Unit #3A	21.29	9.46	9.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Triple Finish Screens, Unit #4a	273.75	95.27	95.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Scalper Screens, Unit #4b	153.30	53.35	53.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conveyors, Unit #5	25.44	20.35	20.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Two conveyors, Unit #C30	5.26	4.20	4.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Three hoppers, Units #B1, #B2 and #B3	5.26	4.20	4.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Three conveyors, Units C31, C32 and C33	2.63	2.10	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
One screen, Unit SC-10	21.90	7.62	7.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
One sand screw, Unit	21.90	7.62	7.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Screens, Unit #11	43.80	15.24	15.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conveyors, Unit #12	5.26	1.93	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Limestone Dust Operation Screening, Unit # 13	43.80	15.24	15.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Limedust Dust Operation conveyors, Unit#14	5.26	1.93	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Nonfugitive Emissions	683.23	262.70	262.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fugitive Emissions										
Material Storage Piles	15.21	5.32	5.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unpaved Roads	379.00	96.59	96.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paved Roads	100.28	20.06	4.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Storage Tanks	negl.	negl.	negl.	negl.	negl.	negl.	negl.	0.00	negl.	negl.
Total Fugitive Emissions	1860.94	647.36	632.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PM=PM10

Total emissions based on rated capacity at 8,760 hours/year.

**Appendix A: Emissions Calculations
SUMMARY**

**Company Name: Sellersburg Stone Company, Inc.
Address City IN Zip: 1019 E. Utica Street, Sellersburg, IN 47172
FESOP Renewal ID: 019-29973-00011
Reviewer: Janet Mobley**

Potential to Emit in tons/year

Unit	Limited									
	PM	PM10	PM 2.5	SOx	NOx	VOC	CO	GHGs	Total HAPs	Single HAP
Primary Crusher, Unit #1a	3.68	1.66	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Primary Crusher, Unit #1b	3.68	1.66	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Secondary Crusher, Unit #2A	4.73	2.13	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tertiary Crusher, Unit #3A	4.73	2.13	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Triple Finish Screens, Unit #4a	24.09	8.10	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Scalper Screens, Unit #4b	13.49	4.54	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conveyors, Unit #5	1.19	0.39	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Two conveyors, Unit #C30 *	0.25	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Three hoppers, Units #B1, #B2 and #B3 *	0.25	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Three conveyors, Units C31, C32 and C33 *	0.12	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
One screen, SC-10	1.93	0.65	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
One sand screw, Unit	1.93	0.65	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Screens, Unit #11	3.85	1.30	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Conveyors, Unit #12 *	0.25	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Limestone Dust Operation Screening, Unit # 13	3.85	1.30	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Limedust Dust Operation conveyors, Unit#14 *	0.25	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Nonfugitive Emissions	68.25	24.86	2.73	0.00						
Fugitive Emissions										
Material Storage Piles	15.21	5.32	5.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unpaved Roads	189.50	48.30	48.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paved Roads	50.14	10.03	2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Storage Tanks	negl.	negl.	negl.	negl.	negl.	negl.	negl.	0.00	negl.	negl.
Total Fugitive Emissions	323.10	88.50	58.81	0.00						

* = uncontrolled

PM=PM10

Total emissions based on rated capacity at 8,760 hours/year.

Emission factors taken from AP-42, Chapter 11.19.2 (Fifth edition, 08/04), Table 11.19.2-2

Screening (SCC3-05-020-02, 03) and Conveyor Transfer Point (SCC3-05-020-06)

No determination in AP-42 for PM2.5 uncontrolled, used PM10 emission factor

Appendix A: Emission Calculations
Primary Crushers #1a and #1b, Secondary Crusher #2A and Tertiary Crusher #3A
PM/PM10/PM2.5 Emissions

Company Name: Sellersburg Stone Company, Inc.
Address: 1019 East Utica Street, Sellersburg, Indiana 47172
Permit Number: 019-29973-00011
Reviewer: Janet Mobley

Process	Maximum Capacity (tons/hr)	Uncontrolled PM Emission Factor (lb/ton)	Uncontrolled PM10/PM2.5 Emission Factor (lb/ton)	Uncontrolled PM Emissions (lbs/hr)	Uncontrolled PM10/PM2.5 Emissions (lbs/hr)	Uncontrolled PM Emissions (tons/yr)	Uncontrolled PM10/PM2.5 Emissions (tons/yr)
Primary Crusher #1a	700	0.0054	0.0024	3.78	1.68	16.56	7.36
Primary Crusher #1b	700	0.0054	0.0024	3.78	1.68	16.56	7.36
Secondary Crusher #2A	900	0.0054	0.0024	4.86	2.16	21.29	9.46
Tertiary Crusher #3A	900	0.0054	0.0024	4.86	2.16	21.29	9.46
						75.69	33.64

Emission factors taken from AP-42, Chapter 11.19.2 (Fifth edition, 08/04), Table 11.19.2-2 (SCC 03-050030-03)

Methodology

Uncontrolled PTE (lbs/hr)=Maximum throughput (tons/hr) * Emission factor (lbs/ton)
 Uncontrolled PTE (tons/yr)=Maximum throughput (tons/hr) * Emission factor (lbs/ton) * 8760 hr/yr * 1 ton/2000 lbs.

Process	Maximum Capacity (tons/hr)	Controlled PM Emission Factor (lb/ton)	Controlled PM10 Emission Factor (lb/ton)	Controlled PM2.5 Emission Factor (lb/ton)	Controlled PM Emissions (lbs/hr)	Controlled PM10 Emissions (lbs/hr)	Controlled PM2.5 Emissions (lbs/hr)	Controlled PM Emissions (tons/yr)	Controlled PM10 Emissions (tons/yr)	Controlled PM2.5 Emissions (tons/yr)
Primary Crusher*	700	0.0012	0.00054	0.00010	0.84	0.38	0.07	3.68	1.66	0.31
Primary Crusher #1b	700	0.0012	0.00054	0.00010	0.84	0.38	0.07	3.68	1.66	0.31
Secondary Crusher #2A	900	0.0012	0.00054	0.00010	1.08	0.49	0.09	4.73	2.13	0.39
Tertiary Crusher #3A	900	0.0012	0.00054	0.00010	1.08	0.49	0.09	4.73	2.13	0.39
					3.84	1.73	0.32	16.82	7.57	1.40

Emission factors taken from AP-42, Chapter 11.19.2 (Fifth edition, 08/04), Table 11.19.2-2 (SCC 03-050030-03)

Methodology

Controlled PTE (lbs/hr) = Maximum throughput (tons/hr) * Emission Factor (lbs/ton)
 Controlled PTE (tons/yr)= Maximum throughput (tons/hr) * Emission factor (lbs/ton) * 8760 hr/yr * 1 ton/2000 lbs

**Appendix A: Emission Calculations
Screens and Conveyors at Primary Crushing Operation
PM/PM10/PM2.5 Emissions**

Company Name: Sellersburg Stone Company, Inc.
Address: 1019 East Utica Street, Sellersburg, Indiana 47172
Permit Number: 019-29973-00011
Reviewer: Janet Mobley

Process	Maximum Capacity (tons/hr)	Uncontrolled PM Emission Factor (lb/ton)	Uncontrolled PM10/PM2.5 Emission Factor (lb/ton)	Uncontrolled PM Emissions (lbs/hr)	Uncontrolled PM10/PM2.5 Emissions (lbs/hr)	Uncontrolled PM Emissions (tons/yr)	Uncontrolled PM10/PM2.5 Emissions (tons/yr)
Triple Finish Screens, Unit #4a	2,500	0.025	0.0087	62.50	21.75	273.75	95.27
Scalper Screens, Unit #4b	1,400	0.025	0.0087	35.00	12.18	153.30	53.35
Conveyors, Unit #5	1,936	0.0030	0.0024	5.81	4.65	25.44	20.35
2 conveyors, Unit#C30	400	0.0030	0.0024	1.20	0.96	5.26	4.20
3 hoppers, Units #B1, #B2 and B3	400	0.0030	0.0024	1.20	0.96	5.26	4.20
3 conveyors, Units C31, C32 and C33	200	0.0030	0.0024	0.60	0.48	2.63	2.10
Screen, Unit SC-10	200	0.025	0.0087	5.00	1.74	21.90	7.62
Sand Screw	200	0.025	0.0087	5.00	1.74	21.90	7.62
						509.43	194.72

Emission factors taken from AP-42, Chapter 11.19.2 (Fifth edition, 08/04), Table 11.19.2-2

Screening (SCC3-05-020-02, 03) and Conveyor Transfer Point (SCC3-05-020-06)

No determination in AP-42 for PM2.5 uncontrolled, used PM10 emission factor

Methodology

Uncontrolled PTE (lbs/hr)=Maximum throughput (tons/hr) x Emission factor (lbs/ton)

Uncontrolled PTE (tons/yr)=Maximum throughput (tons/hr) x Emission factor (lbs/ton) x 8760 hr/yr x 1ton/2000 lbs.

Process	Maximum Capacity (tons/hr)	Controlled PM Emission Factor (lb/ton)	Controlled PM10 Emission Factor (lb/ton)	Controlled PM2.5 Emission Factor (lb/ton)	Controlled PM Emissions (lbs/hr)	Controlled PM10 Emissions (lbs/hr)	Controlled PM2.5 Emissions (lbs/hr)	Controlled PM Emissions (tons/yr)	Controlled PM10 Emissions (tons/yr)	Controlled PM2.5 Emissions (tons/yr)
Triple Finish Screens, Unit #4a	2,500	0.0022	0.00074	0.00005	5.50	1.85	0.13	24.09	8.10	0.55
Scalper Screens, Unit #4b	1,400	0.0022	0.00074	0.00005	3.08	1.04	0.07	13.49	4.54	0.31
Conveyors, Unit #5	1,936	0.00014	0.000046	0.000013	0.27	0.09	0.03	1.19	0.39	0.11
2 conveyors, Unit#C30	400	0.00014	0.000046	0.000013	0.06	0.02	0.01	0.25	0.08	0.02
3 hoppers, Units #B1, #B2 and B3	400	0.00014	0.000046	0.000013	0.06	0.02	0.01	0.25	0.08	0.02
3 conveyors, Units C31, C32 and C33	200	0.00014	0.000046	0.000013	0.03	0.01	0.00	0.12	0.04	0.01
Screen, Unit SC-10	200	0.0022	0.00074	0.00005	0.44	0.15	0.01	1.93	0.65	0.04
Sand Screw	200	0.0022	0.00074	0.00005	0.44	0.15	0.01	1.93	0.65	0.04
					9.87	3.32	0.25	43.24	14.53	1.11

Methodology

Controlled PTE (lbs/hr) = Maximum throughput (tons/hr) x Emission factor (lbs/ton)

Controlled PTE (tons/yr)= Maximum throughput (tons/hr) x Emission Factor (lbs/ton) * 8760 hr/yr x 1 ton/2000 lbs

**Appendix A: Emission Calculations
Screens and Conveyors at Wash Plant
PM/PM10/PM2.5 Emissions**

Company Name: Sellersburg Stone Company, Inc.
Address: 1019 East Utica Street, Sellersburg, Indiana 47172
Permit Number: 019-29973-00011
Reviewer: Janet Mobley

Process	Maximum Capacity (tons/hr)	Uncontrolled PM Emission Factor (lb/ton)	Uncontrolled PM10/PM2.5 Emission Factor (lb/ton)	Uncontrolled PM Emissions (lbs/hr)	Uncontrolled PM10/PM2.5 Emissions (lbs/hr)	Uncontrolled PM Emissions (tons/yr)	Uncontrolled PM10/PM2.5 Emissions (tons/yr)
Screens, Unit #11	400	0.025	0.0087	10	3.48	43.80	15.24
Conveyors, Unit #12	400	0.0030	0.0011	1.2	0.44	5.26	1.93
						49.06	17.17

Emission factors taken from AP-42, Chapter 11.19.2 (Fifth edition, 08/04), Table 11.19.2-2

Methodology

Uncontrolled PTE (lbs/hr)=Maximum throughput (tons/hr) x Emission factor (lbs/ton)

Uncontrolled PTE (tons/yr)=Maximum throughput (tons/hr) x Emission factor (lbs/ton) x 8760 hr/yr x 1ton/2000 lbs.

Process	Maximum Capacity (tons/hr)	Controlled PM Emission Factor (lb/ton)	Controlled PM10 Emission Factor (lb/ton)	Controlled PM2.5 Emission Factor (lb/ton)	Controlled PM Emissions (lbs/hr)	Controlled PM10 Emissions (lbs/hr)	Controlled PM2.5 Emissions (lbs/hr)	Controlled PM Emissions (tons/yr)	Controlled PM10 Emissions (tons/yr)	Controlled PM2.5 Emissions (tons/yr)
Screens, Unit #11	400	0.00220	0.00074	0.00005	0.88	0.30	0.02	3.85	1.30	0.09
Conveyors, Unit #12	400	0.000140	0.000046	0.000013	0.06	0.02	0.01	0.25	0.08	0.02
								4.10	1.38	0.11

Emission factors taken from AP-42, Chapter 11.19.2 (Fifth edition, 08/04), Table 11.19.2-2

Methodology

Controlled PTE (lbs/hr) = Maximum throughput (tons/hr) x (Emission Factor lbs/ton)

Controlled PTE (tons/yr)= Controlled PTE (lbs/hr) x 8760 hr/yr x 1 ton/2000 lbs

Appendix A: Emission Calculations
Limestone Dust Screening and Conveying Operation
PM/PM10/PM2.5 Emissions

Company Name: Sellersburg Stone Company, Inc.
Address: 1019 East Utica Street, Sellersburg, Indiana 47172
Permit Number: 019-29973-00011
Reviewer: Janet Mobley

Process	Maximum Capacity (tons/hr)	Uncontrolled PM Emission Factor (lb/ton)	Uncontrolled PM10/PM2.5 Emission Factor (lb/ton)	Uncontrolled PM Emissions (lbs/hr)	Uncontrolled PM10/PM2.5 Emissions (lbs/hr)	Uncontrolled PM Emissions (tons/yr)	Uncontrolled PM10/PM2.5 Emissions (tons/yr)
Screening, Unit#13	400	0.025	0.0087	10	3.48	43.80	15.24
Conveyors, Unit #14	400	0.0030	0.0011	1.2	0.44	5.26	1.93
						49.06	17.17

Emission factors taken from AP-42, Chapter 11.19.2 (Fifth edition, 08/04), Table 11.19.2-2 (SCC 03-050030-03)

Methodology

Uncontrolled PTE (lbs/hr)=Maximum throughput (tons/hr) x Emission factor (lbs/ton)

Uncontrolled PTE (tons/yr)=Maximum throughput (tons/hr) x Emission factor (lbs/ton) x 8760 hr/yr x 1ton/2000 lbs.

Process	Maximum Capacity (tons/hr)	Controlled PM Emission Factor (lb/ton)	Controlled PM10 Emission Factor (lb/ton)	Controlled PM2.5 Emission Factor (lb/ton)	Controlled PM Emissions (lbs/hr)	Controlled PM10 Emissions (lbs/hr)	Controlled PM2.5 Emissions (lbs/hr)	Controlled PM Emissions (tons/yr)	Controlled PM10 Emissions (tons/yr)	Controlled PM2.5 Emissions (tons/yr)
Screens, Unit #13	400	0.00220	0.00074	0.00005	0.88	0.30	0.02	3.85	1.30	0.09
Conveyors, Unit #14	400	0.000140	0.000046	0.000013	0.06	0.02	0.01	0.25	0.08	0.02
								4.10	1.38	0.11

Emission factors taken from AP-42, Chapter 11.19.2 (Fifth edition, 08/04), Table 11.19.2-2 (SCC 03-050030-03)

Methodology

Controlled PTE (lbs/hr) = Maximum throughput (tons/hr) x (Emission Factor lbs/ton)

Controlled PTE (tons/yr)= Controlled PTE (lbs/hr) x 8760 hr/yr x 1 ton/2000 lbs

**Appendix A: Emissions Calculations
Material Storage Piles**

Company Name: Sellersburg Stone Company, Inc.
Address City IN Zip: 1019 East Utica Street, Sellersburg, Indiana 47172
Permit Number: 019-29973-00011
Reviewer: Janet Mobley

The following calculations determine the amount of emissions created by wind erosion of storage stockpiles, based on 8,760 hours of use and USEPA's AP-42 (Pre 1983 Edition), Section 11.2.3.

$E_f = 1.7 \cdot (s/1.5)^3 \cdot (365-p)/235 \cdot (f/15)$ <p>where E_f = emission factor (lb/acre/day) s = silt content (wt %) p = 125 days of rain greater than or equal to 0.01 inches f = 15 % of wind greater than or equal to 12 mph</p>

Material	Silt Content (wt %) ^a	Emission Factor (lb/acre/day)	Maximum Anticipated Pile Size (acres)	Unlimited PTE of PM (tons/yr)	Unlimited PTE of PM10 (tons/yr)
Limestone	1.6	1.85	45.00	15.209	5.323
Totals				15.21	5.32

Methodology

Unlimited PTE of PM (tons/yr) = [Emission Factor (lb/acre/day)] * [Maximum Pile Size (acres)] * (ton/2000 lbs) * (8760 hours/yr)

Unlimited PTE of PM10 (tons/yr) = [Potential PM Emissions (tons/yr)] * 35%

^a Silt content values obtained from AP-42 Table 13.2.4-1 (dated 1/95)

Abbreviations

PM = Particulate Matter

PM10 = Particulate Matter (<10 um)

PTE = Potential to Emit

**Appendix A: Emission Calculations
Fugitive Dust Emissions - Unpaved Roads**

Company Name: Sellersburg Stone Company, Inc.
Address City IN Zip: 1019 East Utica Street, Sellersburg, Indiana 47172
Permit Number: 019-29973-00011
Reviewer: Janet Mobley

Unpaved Roads at Industrial Site

The following calculations determine the amount of emissions created by unpaved roads, based on 8,760 hours of use and AP-42, Ch 13.2.2 (11/2006).

Vehicle Information (provided by source)

Type	Maximum number of vehicles	Number of one-way trips per day per vehicle	Maximum trips per day (trip/day)	Maximum Weight Loaded (tons/trip)	Total Weight driven per day (ton/day)	Maximum one-way distance (feet/trip)	Maximum one-way distance (mi/trip)	Maximum one-way miles (miles/day)	Maximum one-way miles (miles/yr)
Vehicle (entering plant) (one-way trip)	5.0	23.0	115.0	100.0	11500.0	5800	1.098	126.3	46108.9
Vehicle (leaving plant) (one-way trip)	5.0	23.0	115.0	100.0	11500.0	5800	1.098	126.3	46108.9
Total			230.0		23000.0			252.7	92217.8

Average Vehicle Weight Per Trip = $\frac{100.0}{1.10}$ tons/trip
Average Miles Per Trip = $\frac{1.10}{1.10}$ miles/trip

Unmitigated Emission Factor, $E_f = k[(s/12)^a][W/3]^b$ (Equation 1a from AP-42 13.2.2)

	PM	PM10	PM2.5	
where k =	4.9	1.5	1.5	lb/mi = particle size multiplier (AP-42 Table 13.2.2-2 for Industrial Roads)
s =	4.8	4.8	4.8	% = mean % silt content of unpaved roads (AP-42 Table 13.2.2-1 Sand/Gravel Processing Plant)
a =	0.7	0.9	0.9	= constant (AP-42 Table 13.2.2-2 for Industrial Roads)
W =	100.0	100.0	100.0	tons = average vehicle weight (provided by source)
b =	0.45	0.45	0.45	= constant (AP-42 Table 13.2.2-2 for Industrial Roads)

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, $E_{ext} = E * [(365 - P)/365]$ (Equation 2 from AP-42 13.2.2)

Mitigated Emission Factor, $E_{ext} = E * [(365 - P)/365]$
where P = 125 days of rain greater than or equal to 0.01 inches (see Fig. 13.2.2-1)

	PM	PM10	PM2.5	
Unmitigated Emission Factor, $E_f =$	12.50	3.19	3.19	lb/mile
Mitigated Emission Factor, $E_{ext} =$	8.22	2.09	2.09	lb/mile
Dust Control Efficiency =	50%	50%	50%	(pursuant to control measures outlined in fugitive dust control plan)

Process	Unmitigated PTE of PM (tons/yr)	Unmitigated PTE of PM10 (tons/yr)	Unmitigated PTE of PM2.5 (tons/yr)	Mitigated PTE of PM (tons/yr)	Mitigated PTE of PM10 (tons/yr)	Mitigated PTE of PM2.5 (tons/yr)	Controlled PTE of PM (tons/yr)	Controlled PTE of PM10 (tons/yr)	Controlled PTE of PM2.5 (tons/yr)
Vehicle (entering plant) (one-way trip)	288.20	73.45	73.45	189.50	48.30	48.30	94.75	24.15	24.15
Vehicle (leaving plant) (one-way trip)	288.20	73.45	73.45	189.50	48.30	48.30	94.75	24.15	24.15
	576.39	146.90	146.90	379.00	96.59	96.59	189.50	48.30	48.30

Methodology

Total Weight driven per day (ton/day) = [Maximum Weight Loaded (tons/trip)] * [Maximum trips per day (trip/day)]
Maximum one-way distance (mi/trip) = [Maximum one-way distance (feet/trip)] / [5280 ft/mile]
Maximum one-way miles (miles/day) = [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)]
Average Vehicle Weight Per Trip (ton/trip) = SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)]
Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
Unmitigated PTE (tons/yr) = (Maximum one-way miles (miles/yr)) * (Unmitigated Emission Factor (lb/mile)) * (ton/2000 lbs)
Mitigated PTE (tons/yr) = (Maximum one-way miles (miles/yr)) * (Mitigated Emission Factor (lb/mile)) * (ton/2000 lbs)
Controlled PTE (tons/yr) = (Mitigated PTE (tons/yr)) * (1 - Dust Control Efficiency)

Abbreviations

PM = Particulate Matter
PM10 = Particulate Matter (<10 um)
PM2.5 = Particulate Matter (<2.5 um)
PTE = Potential to Emit

**Appendix A: Emission Calculations
Fugitive Dust Emissions - Paved Roads**

Company Name: Sellersburg Stone Company, Inc.
Source Address: 1019 East Utica Street, Sellersburg, Indiana 47172
Permit Number: 019-29973-00011
Reviewer: Janet Mobley

Paved Roads at Industrial Site

The following calculations determine the amount of emissions created by paved roads, based on 8,760 hours of use and AP-42, Ch 13.2.1 (1/2011).

Vehicle Information (provided by source)

Type	Maximum number of vehicles per day	Number of one-way trips per day per vehicle	Maximum trips per day (trip/day)	Maximum Weight Loaded (tons/trip)	Total Weight driven per day (ton/day)	Maximum one-way distance (feet/trip)	Maximum one-way distance (mi/trip)	Maximum one-way miles (miles/day)	Maximum one-way miles (miles/yr)
Vehicle (entering plant) (one-way trip)	70.0	5.0	350.0	13.5	4725.0	2400	0.455	159.1	58068.2
Vehicle (leaving plant) (one-way trip)	70.0	5.0	350.0	34.0	11900.0	2400	0.455	159.1	58068.2
Total			700.0		16625.0			318.2	116136.4

Average Vehicle Weight Per Trip = $\frac{23.8}{0.45}$ tons/trip
 Average Miles Per Trip = $\frac{0.45}{0.45}$ miles/trip

Unmitigated Emission Factor, $E_f = [k * (sL)^{0.91} * (W)^{1.02}]$ (Equation 1 from AP-42 13.2.1)

	PM	PM10	PM2.5	
where k =	0.011	0.0022	0.00054	lb/VMT = particle size multiplier (AP-42 Table 13.2.1-1)
W =	23.8	23.8	23.8	tons = average vehicle weight (provided by source)
sL =	8.2	8.2	8.2	g/m ² = silt loading value for paved roads at quarry - Table 13.2.1-3

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, $E_{ext} = E * [1 - (p/4N)]$ (Equation 2 from AP-42 13.2.1)

Mitigated Emission Factor, $E_{ext} = E_f * [1 - (p/4N)]$
 where p = $\frac{125}{365}$ days of rain greater than or equal to 0.01 inches (see Fig. 13.2.1-2)
 N = 365 days per year

	PM	PM10	PM2.5	
Unmitigated Emission Factor, E_f =	1.889	0.378	0.0927	lb/mile
Mitigated Emission Factor, E_{ext} =	1.727	0.345	0.0848	lb/mile
Dust Control Efficiency =	50%	50%	50%	(pursuant to control measures outlined in fugitive dust control plan)

Process	Unmitigated PTE of PM (tons/yr)	Unmitigated PTE of PM10 (tons/yr)	Unmitigated PTE of PM2.5 (tons/yr)	Mitigated PTE of PM (tons/yr)	Mitigated PTE of PM10 (tons/yr)	Mitigated PTE of PM2.5 (tons/yr)	Controlled PTE of PM (tons/yr)	Controlled PTE of PM10 (tons/yr)	Controlled PTE of PM2.5 (tons/yr)
Vehicle (entering plant) (one-way trip)	54.83	10.97	2.69	50.14	10.03	2.46	25.07	5.01	1.23
Vehicle (leaving plant) (one-way trip)	54.83	10.97	2.69	50.14	10.03	2.46	25.07	5.01	1.23
	109.67	21.93	5.38	100.28	20.06	4.92	50.14	10.03	2.46

Methodology

Total Weight driven per day (ton/day) = [Maximum Weight Loaded (tons/trip)] * [Maximum trips per day (trip/day)]
 Maximum one-way distance (mi/trip) = [Maximum one-way distance (feet/trip)] / [5280 ft/mile]
 Maximum one-way miles (miles/day) = [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)]
 Average Vehicle Weight Per Trip (ton/trip) = SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)]
 Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
 Unmitigated PTE (tons/yr) = [Maximum one-way miles (miles/yr)] * [Unmitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
 Mitigated PTE (tons/yr) = [Maximum one-way miles (miles/yr)] * [Mitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
 Controlled PTE (tons/yr) = [Mitigated PTE (tons/yr)] * [1 - Dust Control Efficiency]

Abbreviations

PM = Particulate Matter
 PM10 = Particulate Matter (<10 um)
 PM2.5 = Particulate Matter (<2.5 um)
 PTE = Potential to Emit



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Steve Walker
Sellersburg Stone Company, Inc.
PO Box D
Sellersburg, IN 47172

DATE: October 25, 2011

FROM: Matt Stuckey, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
FESOP Renewal
019-29973-00011

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
Kenneth B Rush - VP
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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October 25, 2011

TO: Sellersburg Public Library

From: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Subject: **Important Information for Display Regarding a Final Determination**

Applicant Name: Sellersburg Stone Company, Inc.
Permit Number: 019-29973-00011

You previously received information to make available to the public during the public comment period of a draft permit. Enclosed is a copy of the final decision and supporting materials for the same project. Please place the enclosed information along with the information you previously received. To ensure that your patrons have ample opportunity to review the enclosed permit, **we ask that you retain this document for at least 60 days.**

The applicant is responsible for placing a copy of the application in your library. If the permit application is not on file, or if you have any questions concerning this public review process, please contact Joanne Smiddie-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185.

Enclosures
Final Library.dot 11/30/07

Mail Code 61-53

IDEM Staff	GHOTOPP 10/25/2011 Sellersburg Stone Co Inc 019-29973-00011 Final		Type of Mail: CERTIFICATE OF MAILING ONLY	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204		

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Steve Walker Sellersburg Stone Co Inc PO Box D Sellersburg IN 47172 (Source CAATS) via confirmed delivery										
2		Kenneth B Rush VP Sellersburg Stone Co Inc PO Box D Sellersburg IN 47172 (RO CAATS)										
3		Ms. Rhonda England 17213 Persimmon Run Rd Borden IN 47106-8604 (Affected Party)										
4		Ms. Betty Hislip 602 Dartmouth Drive, Apt 8 Clarksville IN 47129 (Affected Party)										
5		Mrs. Sandy Banet 514 Haddox Rd Henryville IN 47126 (Affected Party)										
6		Mr. Robert Bottom Paddlewheel Alliance P.O. Box 35531 Louisville KY 40232-5531 (Affected Party)										
7		Sellersburg Town Council 316 Utica Street Sellersburg IN 47172 (Local Official)										
8		Sellersburg Public Library 430 N Indiana Ave Sellersburg IN 47172 (Library)										
9		Clark County Board of Commissioners 501 E. Court Avenue Jeffersonville IN 47130 (Local Official)										
10		Clark County Health Department 1320 Duncan Avenue Jeffersonville IN 47130-3723 (Health Department)										
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