



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

NOTICE OF 30-DAY PERIOD FOR PUBLIC COMMENT

Preliminary Findings Regarding a New Source Construction and
Minor Source Operating Permit (MSOP)

for Blann & Son, LLC in Sullivan County

MSOP No.: M 777-43217-05512

The Indiana Department of Environmental Management (IDEM) has received an application from Blann & Son, LLC, located at 1256 East CR 950 North, Farmersburg, Indiana 47850, for a new source construction and MSOP. If approved by IDEM's Office of Air Quality (OAQ), this proposed permit would allow Blann & Son, LLC to construct and operate a new portable rock crushing and screening operation.

The applicant intends to construct and operate new equipment that will emit air pollutants. IDEM has reviewed this application, and has developed preliminary findings, consisting of a draft permit and several supporting documents, that would allow the applicant to make this change.

IDEM is aware that the crushing, screening and conveying equipments have been constructed prior to receipt of the proper permit. IDEM is reviewing this matter and will take appropriate action. This draft permit contains provisions to bring unpermitted equipment into compliance with construction and operation permit rules.

A copy of the permit application and IDEM's preliminary findings have been sent to:

Sullivan County Public Library
100 S Crowder Street
Sullivan, Indiana 47882

A copy of the preliminary findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>.

A copy of the application and preliminary findings is also available via IDEM's Virtual File Cabinet (VFC). To access VFC, please go to: <http://www.in.gov/idem/> and enter VFC in the search box. You will then have the option to search for permit documents using a variety of criteria.

How can you participate in this process?

The date that this notice is posted on IDEM's website (<https://www.in.gov/idem/5474.htm>) marks the beginning of a 30-day public comment period. If the 30th day of the comment period falls on a day when IDEM offices are closed for business, all comments must be postmarked or delivered in person on the next business day that IDEM is open.

You may request that IDEM hold a public hearing about this draft permit. If adverse comments concerning the **air pollution impact** of this draft permit are received, with a request for a public hearing, IDEM will decide whether or not to hold a public hearing. IDEM could also decide to hold a public meeting instead of, or in addition to, a public hearing. If a public hearing or meeting is held, IDEM will make a separate announcement of the date, time, and location of that hearing or meeting. At a hearing, you would have an opportunity to submit written comments and make verbal comments. At a meeting,

you would have an opportunity to submit written comments, ask questions, and discuss any air pollution concerns with IDEM staff.

Comments and supporting documentation, or a request for a public hearing should be sent in writing to IDEM at the address below. If you comment via e-mail, please include your full U.S. mailing address so that you can be added to IDEM's mailing list to receive notice of future action related to this permit. If you do not want to comment at this time, but would like to receive notice of future action related to this permit application, please contact IDEM at the address below. Please refer to permit number M 777-43217-05512 in all correspondence.

Comments should be sent to:

Wilfredo de la Rosa
IDEM, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(800) 451-6027, ask for Wilfredo de la Rosa or (317) 232-8422
Or dial directly: (317) 232-8422
Fax: (317) 232-6749 attn: Wilfredo de la Rosa
E-mail: wdelaros@idem.IN.gov

All comments will be considered by IDEM when we make a decision to issue or deny the permit. Comments that are most likely to affect final permit decisions are those based on the rules and laws governing this permitting process (326 IAC 2), air quality issues, and technical issues. IDEM does not have legal authority to regulate zoning, odor, or noise. For such issues, please contact your local officials.

For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Air Permits page on the Internet at: <http://www.in.gov/idem/airquality/2356.htm>; and the Citizens' Guide to IDEM on the Internet at: <http://www.in.gov/idem/6900.htm>.

What will happen after IDEM makes a decision?

Following the end of the public comment period, IDEM will issue a Notice of Decision stating whether the permit has been issued or denied. If the permit is issued, it may be different than the draft permit because of comments that were received during the public comment period. If comments are received during the public notice period, the final decision will include a document that summarizes the comments and IDEM's response to those comments. If you have submitted comments or have asked to be added to the mailing list, you will receive a Notice of the Decision. The notice will provide details on how you may appeal IDEM's decision, if you disagree with that decision. The final decision will also be available on the Internet at the address indicated above and will also be sent to the local library indicated above, and the IDEM public file room on the 12th floor of the Indiana Government Center North, 100 N. Senate Avenue, Indianapolis, Indiana 46204-2251.

If you have any questions, please contact Wilfredo de la Rosa or my staff at the above address.



Josiah K. Balogun, Section Chief
Permits Branch
Office of Air Quality



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Eric J. Holcomb
Governor

DRAFT

Bruno L. Pigott
Commissioner

**New Source Construction and Minor Source Operating
Permit
OFFICE OF AIR QUALITY**

**Blann & Son, LLC
Portable**

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

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-5.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

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 MSOP under 326 IAC 2-6.1.

Operation Permit No.: M 777-43217-05512	
Master Agency Interest ID: 127470	
Issued by:	Issuance Date:
Josiah K. Balogun, Section Chief Permits Branch Office of Air Quality	Expiration Date:

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Attachment A: Fugitive Dust Control Plan

Attachment B: 40 CFR 60, Subpart OOO, New Source Performance Standards for Nonmetallic Mineral Processing Plants

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 and A.2 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 2-5.1-3(c)][326 IAC 2-6.1-4(a)]

The Permittee owns and operates a portable Rock crushing and screening operations.

Initial Source Address:	1256 East CR 950 North, Farmersburg, Indiana 47850
General Source Phone Number:	812-268-7625
SIC Code:	1422 (Crushed and Broken Limestone) 1429 (Crushed and Broken Stone, Not Elsewhere Classified) 1795 (Wrecking and Demolition Work)
County Location:	Sullivan
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Minor Source 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

This portable source consists of the following emission units:

- (a) One (1) 275 HP (2017 model) diesel-fired jaw crusher, identified as CR1, constructed in 2020, with a maximum capacity of 475 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]
- (b) One (1) 493 HP (2018 model) diesel-fired impact crusher, identified as CR2, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]
- (c) One (1) 105 HP (2018 model) diesel-fired primary 2-deck screen, identified as S1, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]
- (d) One (1) 125 HP (2008 model) diesel-fired secondary 3-deck screen, identified as S2, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]
- (e) One (1) 130 HP (2015 model) diesel-fired tertiary 2-deck screen, identified as S3, constructed in 2020, with a maximum capacity of 250 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (f) Twelve (12) transfer conveyors, constructed in 2020, with their designation, construction years and maximum capacities in tons per hour (tph) shown below:

Designation	construction year	maximum capacity, tph
TC1	2020	550
TC2	2020	375
TC3	2020	200
TC4	2020	365
TC5	2020	10
TC6	2020	168
TC7	2020	150
TC8	2020	150
TC9	2020	250
TC10	2020	80
TC11	2020	80
TC12	2020	90

[Under 40 CFR 60, Subpart OOO, above conveyor units are considered affected facilities]

- (g) Unpaved/paved roads [326 IAC 6-4]
(h) Storage Piles [326 IAC 6-4]

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-1.1-1]

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 2-1.1-1) shall prevail.

B.2 Revocation of Permits [326 IAC 2-1.1-9(5)]

Pursuant to 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this permit if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

B.3 Affidavit of Construction [326 IAC 2-5.1-3(h)] [326 IAC 2-5.1-4]

This document shall also become the approval to operate pursuant to 326 IAC 2-5.1-4 when prior to the start of operation, the following requirements are met:

- (a) The attached Affidavit of Construction shall be submitted to the Office of Air Quality (OAQ), verifying that the emission units were constructed as described in the application or the permit. The emission units covered in this permit may continue operating on the date the Affidavit of Construction is postmarked or hand delivered to IDEM if constructed as described.
- (b) If actual construction of the emission units differs from the construction described in the application, the source may not continue operation until the permit has been revised pursuant to 326 IAC 2 and an Operation Permit Validation Letter is issued.
- (c) The Permittee shall attach the Operation Permit Validation Letter received from the Office of Air Quality (OAQ) to this permit.

B.4 Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

- (a) This permit, M 777-43217-05512, is issued for a fixed term of five (5) 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.5 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.6 Enforceability

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.7 Severability

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.8 Property Rights or Exclusive Privilege

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

B.9 Duty to Provide Information

- (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.10 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) The annual notice shall be submitted in the format attached no later than March 1 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
- (c) The notification 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.

B.11 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, 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 Permittee shall implement the PMPs.

- (b) 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.
- (c) 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 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to M 777-43217-05512 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.13 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

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 one hundred twenty (120) days prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.

B.14 Permit Renewal [326 IAC 2-6.1-7]

- (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 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require an affirmation that the statements in the application are true and complete 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 one hundred twenty (120) days 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 2-6.1 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 2-6.1-4(b), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.15 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 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
- (c) The Permittee shall notify the OAQ no later than thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

B.16 Source Modification Requirement

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

B.17 Inspection and Entry

[326 IAC 2-5.1-3(e)(4)(B)][326 IAC 2-6.1-5(a)(4)][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 permitted 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.18 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

- (a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 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

The application which shall be submitted by the Permittee does require an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

B.19 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees due no later than thirty (30) calendar days of receipt of a bill from IDEM, OAQ,.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-8590 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.20 Credible Evidence [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 2-6.1-5(a)(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Permit Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to construct and operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this permit.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.
- (d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
- (e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.

C.3 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 forty percent (40%) 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.4 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.5 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.6 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.7 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.8 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(c).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(d).

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.

(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. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-6.1-5(a)(2)]

C.9 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.
- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date.
- (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.10 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 2-6.1-5(a)(2)]

C.11 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

C.12 Instrument Specifications [326 IAC 2-1.1-11]

- (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. The analog instrument shall be capable of measuring values outside of the normal range.

- (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

C.13 Response to Excursions or Exceedances

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.14 Actions Related to Noncompliance Demonstrated by a Stack Test

- (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.

Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]

C.15 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

- (a) A record of all malfunctions, startups or shutdowns of any emission unit or emission control equipment, that results in violations of applicable air pollution control regulations or applicable emission limitations must be kept and retained for a period of three (3) years and be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.
- (b) When a malfunction of any emission unit or emission control equipment occurs that lasts more than one (1) hour, the condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification must be made by telephone or other electronic means, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of the occurrence.
- (c) Failure to report a malfunction of any emission unit or emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information on the scope and expected duration of the malfunction must be provided, including the items specified in 326 IAC 1-6-2(c)(3)(A) through (E).
- (d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.16 General Record Keeping Requirements [326 IAC 2-6.1-5]

- (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 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

- (a) Reports required by conditions in Section D of 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

- (b) 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.
- (c) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. 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.

Portable Source Requirement

C.18 Relocation of Portable Sources [326 IAC 2-14-4]

- (a) This permit is approved for operation in Indiana as specified below.
 - (1) For sources with a source-wide potential to emit volatile organic compounds (VOCs) and/or nitrogen oxides (NOx) equal to or greater than fifty (50) tons per twelve (12) consecutive month period, the permit is approved for operation in all areas of Indiana except in serious, severe, or extreme nonattainment areas for ozone.

This determination is based on the requirements of 326 IAC 2-3 (Emission Offset). Prior to locating into a serious, severe, or extreme nonattainment area for ozone, the Permittee must submit a request and obtain a permit revision.
 - (2) For sources with a source-wide potential to emit volatile organic compounds (VOCs) and/or nitrogen oxides (NOx) equal to or greater than twenty-five (25) tons per twelve (12) consecutive month period, the permit is approved for operation in all areas of Indiana except in severe or extreme nonattainment areas for ozone.

This determination is based on the requirements of 326 IAC 2-3 (Emission Offset). Prior to locating into a severe or extreme nonattainment area for ozone, the Permittee must submit a request and obtain a permit revision.
 - (3) For sources with a source-wide potential to emit volatile organic compounds (VOCs) and/or nitrogen oxides (NOx) equal to or greater than ten (10) tons per twelve (12) consecutive month period, the permit is approved for operation in all areas of Indiana except in extreme nonattainment areas for ozone.

This determination is based on the requirements of 326 IAC 2-3 (Emission Offset). Prior to locating into an extreme nonattainment area for ozone, the Permittee must submit a request and obtain a permit revision.
 - (4) For sources with a source-wide potential to emit volatile organic compounds (VOCs) and nitrogen oxides (NOx) of less than ten (10) tons per twelve (12) consecutive month period, each, the permit is approved for operation in all areas of Indiana.
- (b) A request to relocate shall be submitted to IDEM, OAQ at least thirty (30) days prior to the intended date of relocation. This submittal shall include the following:
 - (1) A list of governmental officials entitled to receive notice of application to relocate.
IC 13-15-3-1

- (2) A list of adjacent landowners that the Permittee will send written notice to not more than ten (10) days after submission of the request to relocate. IC 13-15-8
 - (3) The new location address of the portable source.
 - (4) Whether or not this portable source will be relocated to another source.
 - (5) If relocating to another source:
 - (A) Name, location address, and permit number of the source this portable source is relocating to.
 - (B) Whether or not the sources will be considered as one source. See Non Rule Policy (NRP) Air-005 and Air-006.
 - (6) If the sources will be considered as one source, whether or not the source to be relocated to has received the necessary approvals from IDEM to allow the relocation.
- (c) A "Relocation Site Approval" letter shall be obtained prior to relocating.
- (d) A valid operation permit consists of this document and any subsequent "Relocation Site Approval" letter specifying the current location of the portable plant.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (c) One (1) 275 HP (2017 model) diesel-fired jaw crusher, identified as CR1, constructed in 2020, with a maximum capacity of 475 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (d) One (1) 493 HP (2018 model) diesel-fired impact crusher, identified as CR2, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (c) One (1) 105 HP (2018 model) diesel-fired primary 2-deck screen, identified as S1, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (d) One (1) 125 HP (2008 model) diesel-fired secondary 3-deck screen, identified as S2, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (e) One (1) 130 HP (2015 model) diesel-fired tertiary 2-deck screen, identified as S3, constructed in 2020, with a maximum capacity of 250 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (f) Twelve (12) transfer conveyors, constructed in 2020, with their designation, construction years and maximum capacities in tons per hour (tph) shown below:

Designation	construction year	maximum capacity, tph
TC1	2020	550
TC2	2020	375
TC3	2020	200
TC4	2020	365
TC5	2020	10
TC6	2020	168
TC7	2020	150
TC8	2020	150
TC9	2020	250
TC10	2020	80
TC11	2020	80
TC12	2020	90

[Under 40 CFR 60, Subpart OOO, above conveyor units are considered affected facilities]

(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 2-6.1-5(a)(1)]

D.1.1 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) emissions from the three (3) screens, S1, S2 and S3, the transfer conveyors, TC1, TC2 and TC4 shall not exceed the pounds per hour limits (E) shown in the table below when operating at the corresponding process weight rates.

Process / Emission Unit	P (ton/hr)	E (lb/hr)
Primary Screen, S1	550	70.10
Secondary Screen, S2	550	70.10
Tertiary Screen, S3	250	60.96
Conveyor, TC1	550	70.10
Conveyor, TC2	375	65.56
Conveyor, TC4	365	65.25

The pounds per hour limitation was calculated with the following equation:

Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

D.1.2 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for these facilities 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.

SECTION E.1

NSPS

Emissions Unit Description:

- (e) One (1) 275 HP (2017 model) diesel-fired jaw crusher, identified as CR1, constructed in 2020, with a maximum capacity of 475 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (f) One (1) 493 HP (2018 model) diesel-fired impact crusher, identified as CR2, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (c) One (1) 105 HP (2018 model) diesel-fired primary 2-deck screen, identified as S1, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (d) One (1) 125 HP (2008 model) diesel-fired secondary 3-deck screen, identified as S2, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (e) One (1) 130 HP (2015 model) diesel-fired tertiary 2-deck screen, identified as S3, constructed in 2020, with a maximum capacity of 250 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (f) Twelve (12) transfer conveyors, constructed in 2020, with their designation, construction years and maximum capacities in tons per hour (tph) shown below:

Designation	construction year	maximum capacity, tph
TC1	2020	550
TC2	2020	375
TC3	2020	200
TC4	2020	365
TC5	2020	10
TC6	2020	168
TC7	2020	150
TC8	2020	150
TC9	2020	250
TC10	2020	80
TC11	2020	80
TC12	2020	90

[Under 40 CFR 60, Subpart OOO, above conveyor units are considered affected facilities]

- (g) Unpaved/paved roads [326 IAC 6-4]

(h) Storage Piles [326 IAC 6-4]

(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 2-6.1-5(a)(1)]

E.1.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1] [40 CFR Part 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, for the emission unit(s) listed above, except as otherwise specified in 40 CFR Part 60, Subpart OOO.

(b) Pursuant to 40 CFR 60.4, 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

and

United States Environmental Protection Agency, Region 5
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

E.1.2 Nonmetallic Mineral Processing Plants NSPS [326 IAC 12] [40 CFR Part 60, Subpart OOO]

The Permittee shall comply with the following provisions of 40 CFR Part 60, Subpart OOO (included as Attachment B to the operating permit), which are incorporated by reference as 326 IAC 12, for the emission units listed above:

- (1) 40 CFR 60.670 (a)(1), (d), (e), (f)
- (2) 40 CFR 60.671
- (3) 40 CFR 60.672 (b), (d)
- (4) 40 CFR 60.673
- (5) 40 CFR 60.674 (b)
- (5) 40 CFR 60.675 (a),(c)(1), (c)(3), (e)
- (6) 40 CFR 60.676 (a), (b)(1), (f), (g), (h),(i), (j), (k)
- (7) Table 1 to 40 CFR 60, Subpart OOO
- (8) Table 3 to 40 CFR 60, Subpart OOO

Compliance Determination Requirements [326 IAC 2-6.1-5(a)(2)]

E.1.3 Testing Requirements [326 IAC 2-1.1-11] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

In order to document the compliance status with Condition E.1.2, the Permittee shall perform the testing required under 40 CFR 60, Subpart OOO, utilizing methods as approved by the Commissioner, at least once every five (5) years from the date of the most recent valid compliance demonstration. 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

MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	Blann & Son, LLC
Initial Source Address:	1256 East CR 950 North
City:	Farmersburg, Indiana 47850
Phone #:	812-268-7625
MSOP #:	M 777-43217-05512

I hereby certify that Blann & Son, LLC is:

still in operation.

no longer in operation.

I hereby certify that Blann & Son, LLC is:

in compliance with the requirements of MSOP M 777-43217-05512.

not in compliance with the requirements of MSOP M 777-43217-05512.

I hereby certify that the source (M 777-43217-05512) is currently located at the following address:			
_____	_____	_____	_____
(Address)	(City)	(State)	(Zip)
<input type="checkbox"/> Relocation approval for this address was granted in Relocation No. _____ (specify approval number)			
<input type="checkbox"/> This source is currently in temporary storage (inactive/dormant) at this address. (Note: Relocation approval is not required for a temporary storage location.)			

Authorized Individual (typed):
Title:
Signature:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:

MALFUNCTION REPORT

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
FAX NUMBER: (317) 233-6865**

This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER ? _____, 25 TONS/YEAR SULFUR DIOXIDE ? _____, 25 TONS/YEAR NITROGEN OXIDES? _____, 25 TONS/YEAR VOC ? _____, 25 TONS/YEAR HYDROGEN SULFIDE ? _____, 25 TONS/YEAR TOTAL REDUCED SULFUR ? _____, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ? _____, 25 TONS/YEAR FLUORIDES ? _____, 100 TONS/YEAR CARBON MONOXIDE ? _____, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ? _____, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ? _____, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ? _____, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ? _____. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION _____.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC _____ OR, PERMIT CONDITION # _____ AND/OR PERMIT LIMIT OF _____

THIS INCIDENT MEETS THE DEFINITION OF "MALFUNCTION" AS LISTED ON REVERSE SIDE ? Y N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ? Y N

COMPANY: _____ PHONE NO. () _____
LOCATION: (CITY AND COUNTY) _____
PERMIT NO. _____ AFS PLANT ID: _____ AFS POINT ID: _____ INSP: _____
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON: _____

DATE/TIME MALFUNCTION STARTED: ____/____/20____ _____ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: _____

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE ____/____/20____ _____ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO2, VOC, OTHER: _____

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL* SERVICES: _____

CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: _____

CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: _____

INTERIM CONTROL MEASURES: (IF APPLICABLE) _____

MALFUNCTION REPORTED BY: _____ TITLE: _____
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: _____ DATE: _____ TIME: _____

*SEE PAGE 2

Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

326 IAC 1-6-1 Applicability of rule

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

326 IAC 1-2-39 "Malfunction" definition

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

***Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

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

Blann & Son, LLC
1256 East CR 950 North
Farmersburg, Indiana 47850

Affidavit of Construction

I, _____, being duly sworn upon my oath, depose and say:
(Name of the Authorized Representative)

1. I live in _____ County, Indiana and being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit.
2. I hold the position of _____ for _____.
(Title) (Company Name)
3. By virtue of my position with _____, I have personal
(Company Name)
knowledge of the representations contained in this affidavit and am authorized to make these representations on behalf of _____.
(Company Name)
4. I hereby certify that Blann & Son, LLC, 1256 East CR 950 North, Farmersburg, Indiana 47850, has constructed and will operate a Rock crushing and screening operations on _____ in conformity with the requirements and intent of the construction permit application received by the Office of Air Quality on **Reviewer: Insert date application received at IDEM** and as permitted pursuant to New Source Construction Permit and Minor Source Operating Permit No. M 777-43217-05512, Plant ID No. 777-05512 issued on _____.
5. **Permittee, please cross out the following statement if it does not apply:** Additional (operations/facilities) were constructed/substituted as described in the attachment to this document and were not made in accordance with the construction permit.

Further Affiant said not.

I affirm under penalties of perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Signature _____
Date _____

STATE OF INDIANA)
)SS

COUNTY OF _____)

Subscribed and sworn to me, a notary public in and for _____ County and State of Indiana on this _____ day of _____, 20____. My Commission expires: _____.

Signature _____
Name _____ (typed or printed)

Operations & Fugitive Dust Control Plan

Portable Sources – Crusher(s), Transfer Conveyor(s) & Screen(s) Setup

1. Source Owner and Operator

Blann & Son, LLC
2267 South Co. Rd. 5 East
Sullivan, IN 47882
Office Telephone - 812-268-7625
Blake Blann Cell Phone - 812-241-9017

2. Source Processes and Operations

Blann & Son, LLC, has portable rock/concrete crushing and screening equipment that was initially used at construction/demolition sites to process concrete and/or masonry debris. As an expansion of services Blann & Son, LLC, has located some of our portable crusher and screening units at various shale and limestone quarries and conducted contract crushing and screening operations for various time periods at these sites. Portable plant process equipment includes:

2017 - Steel Track Mounted Jaw Crusher (CR1) – 275 HP diesel engine, 475 tons per hour
2018 - Steel Track Mounted Impact Crusher (CR2) – 493 HP diesel engine, 550 tons per hour

2018 - Steel Track Mounted Screen (S1) – 105 HP diesel engine, 550 tons per hour
2008 - Steel Track Mounted Screen (S2) – 125 HP diesel engine, 550 tons per hour
2015 - Steel Track Mounted Screen (S3) – 130 HP diesel engine, 250 tons per hour

NOTE: Track mounted portable process equipment includes integrated transfer conveyors for product delivery to side stockpiles or delivery to next processing unit.

Blann & Son, LLC, also provides the following mobile equipment to support the crushing and screening operations:

Rubber Tire Frontend Loader (FL1) – 250 HP diesel engine, 3.5 to 4.0 cubic yard bucket
Rubber Tire Frontend Loader (FL2) – 375 HP diesel engine, 5.5 to 6.5 cubic yard bucket

Rubber Tire Articulated Pit Truck - 452 HP diesel engine, 40 ton payload
Rubber Tire Articulated Pit Truck – 511 HP diesel engine, 45 ton payload

Steel Track Bulldozer – 215 HP diesel engine, 4.0 to 7.5 cubic yard blade capacity
Steel Track Bulldozer – 354 HP diesel engine, 11.0 to 14.5 cubic yard blade capacity

Steel Track Backhoe – 311 HP diesel engine, 3.0 to 3.5 cubic yard bucket
Steel Track Backhoe – 424 HP diesel engine, 4.0 to 4.5 cubic yard bucket

Rubber Tire Tractor with Water Wagon - 150-200 HP Diesel Engine

Blann & Son, LLC portable equipment can be moved to a job site and installed in several different “Setup” modes for operations. The simplest “Setup” is a single portable crusher with no portable screening units.

Plant Setup A-1-1 or Setup A-2-1 (Smallest/simplest portable plant area)

For operations at a shale quarry, pit trucks haul feed material to the single crusher which is fed by a rubber tire frontend loader. The crusher is used to crush the raw shale to a top size acceptable for feed to the brick manufacturing plant. The processing operation is typically seasonal with processed shale placed in a stockpile area by a bulldozer. The processed shale stockpile is graded by the bulldozer to shed rainfall and minimize ponding. The Setup A-1-1 or Setup A-2-1 for a plant area typically is contained on 4 to 5 acres of un-paved yard with dimensions of approximately 300 feet wide by 600 feet long.

Plant Setup A-3-1 (Largest/most complex portable plant area)

For operations at a limestone quarry, pit trucks haul feed material to the first portable jaw crusher (CR1) which is fed by a rubber tire frontend loader (FL1). The jaw crusher (CR1) is used to crush the limestone quarry raw feed to a minus 6” top size which is then conveyed to the primary screen (S1). The primary screen (S1) removes the minus 1.5” by 0 material via transfer conveyor to a material stockpile while the minus 6” by plus 1.5” material is sent via transfer conveyor to the impact crusher (CR2).

The impact crusher (CR2) removes a small amount of minus 1.5 “ by 0 material to a material stockpile with the secondary crushed material transferred to the secondary screen (S2) for size separation. The secondary screen yields three products that report to stockpiles via transfer conveyors. The minus 1” material is then sent via transfer conveyor to the tertiary screen (S3) for further size separation. The tertiary screen (S3) yields three products that report to individual stockpiles.

The Setup A-3-1 plant area has crushed limestone products reporting to seven stockpiles within an unpaved yard area. Depending on customer demand some crushed limestone products are loaded directly by rubber tire frontend loader (FL2) into highway trucks that leave the Setup A-3-1 plant area for delivery to final customers.

Crushed limestone product sizes not immediately loaded into highway freight trucks are transferred to adjacent plant area stockpiles by a rubber tire frontend loader (FL2). Again, depending on customer demand, stockpiled crushed limestone products will be loaded from the stockpiles by rubber tire frontend loader (FL2) into highway trucks that leave the Setup A-3-1 plant area for delivery to final customers.

The Setup A-3-1 for a limestone quarry plant area typically is contained on 22 to 26 acres of un-paved yard with dimensions of approximately 1000 feet wide by 1200 feet long. As needed the water wagon will be used to spray water on the unpaved roads and yard area to suppress fugitive dust.

3. Portable Processes Units – Typical Layout

Blann & Son, LLC portable equipment layouts are arranged to fit the available area at the construction/demolition site, shale quarry and/or limestone quarry. Five typical diagrams of equipment “Setups” have been shown on the OAQ Form GSD-03. When sufficient site space is available the portable process equipment is arranged in a straight line with material stockpiles located as shown on the GSD-03 diagrams. The typical plant areas for the minimal and maximum plant setups are described above.

4. Vehicular Activity – Paved and Unpaved Areas

Blann & Son plant areas and plant roads are unpaved.

Setup A-1-1 and/or Setup A-2-1 (Shale Quarry)

- three rubber tire pit trucks
- one rubber tire frontend loader
- one steel track bulldozer

Setup A-3-1 (Limestone Quarry)

- three or four rubber tire pit trucks
- two or three rubber tire frontend loaders
- one steel track bulldozer
- rubber tire tractor with water wagon

5. Materials Processed – Type & Quantity

Concrete rubble and/or masonry debris, quarried shale and/or quarried limestone are processed by portable crushing equipment at the following rates.

Single Unit Jaw Crusher (CR1) – 475 tons per hour

Single Unit Impact Crusher (CR2) – 550 tons per hour

Jaw Crusher (CR1) in series with Impact Crusher (CR2) – 475 tons per hour

6. Materials Stockpile Maintenance

Stockpiled materials to remain in place and undisturbed for more than 60 days will be graded smooth to minimize generation of fugitive dust. Stockpiles of fine granular material will be watered as needed if weather conditions dry the material and significant fugitive dust is being generated.

7. Fugitive Particulate Matter Control Measures

- 1) Have a 35-45 mph speed limit for all vehicle traffic. Post signs along all haulroad routes clearly indicating the speed limit.
- 2) Place materials in proper stockpiles to limit runoff and locate stockpiles out of traffic patterns.
- 3) Utilize water suppression (water truck) when needed on roads.
- 4) Utilize water applications on yard and/or stockpile areas to minimize emissions.
- 5) Control runoff so it does not pool and saturate unpaved haulroads and/or yard areas and lead to mud tracked out by highway trucks.
- 6) If runoff is not or cannot be controlled, apply additional coarse crushed rock to surfaces to minimize trackout.
- 7) Utilize water suppression on crushing operations if needed to control emissions.
- 8) Fugitive dust control methods from conveyor transfer points:
 - limit drop heights of materials to top of stockpile
 - install water spray bars if needed to control emissions
- 9) Fugitive dust control methods from screening units:
 - limit drop heights of materials to top of screen deck,
 - enclose screen deck if needed to limit emissions,
 - install water spray bars if needed to control emissions

8. Dust Suppressant Materials

Blann & Son, LLC has determined that processed concrete rubble, masonry debris, quarried shale and/or quarried limestone have fugitive particulate matter that are well controlled by application of water from a water wagon with sprays. The size consist of processed materials is typically coarse enough to generate minimal amounts of airborne fugitive particulates.

For a longer term processing plant site, access roads and haul roads may be treated with an aqueous lignosulfonate solution applied to high traffic areas. Any dust suppression materials used will be non-toxic and applied at the manufacturers recommended rate.

9. Particulate Matter Collection Equipment

No particulate matter collection equipment is proposed for any of the Blann & Son portable crushing and screening equipment listed previously. Generally, the size consist of processed materials is coarse enough that applications of water keep airborne particulate material to a minimum.

Blann & Son, LLC does not own, or propose to own, any grinding equipment that would generate significant amounts of very fine product.

10. Schedule of Compliance – Control of Fugitive Particulates

Blann & Son, LLC presently owns rubber tire tractors and water wagons for use at any setup(s) of the portable crusher and/or screening equipment. These units are loaded on highway trucks and transported from site to site and are available to apply water as needed (generally dependent on weather conditions) at the start of crushing and screening processes.

Attachment B

Minor Source Operating Permit (MSOP) No: 777-43217-05512

[Downloaded from the eCFR on May 13, 2013]

Electronic Code of Federal Regulations

Title 40: Protection of Environment

PART 60—STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES

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) Fluorospar.

(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 of Part 60—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 of Part 60—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 §§ 60.670 and 60.671) that commence construction, modification, or reconstruction on or after April 22, 2008	0.032 g/dscm (0.014 gr/dscf) ^a	Not applicable (except for individual enclosed storage bins) 7 percent for dry control devices on individual enclosed storage bins	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); and
			Monitoring of baghouses according to § 60.674(c), (d), or (e) and § 60.676(b).

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

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

Table 3 to Subpart OOO of Part 60—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 reconstruction after August 31, 1983 but before April 22, 2008	10 percent opacity	15 percent opacity	An initial performance test according to § 60.11 of this part and § 60.675 of this subpart.
Affected facilities (as defined in §§ 60.670 and 60.671) that commence construction, modification, or reconstruction on or after April 22, 2008	7 percent opacity	12 percent opacity	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
			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.

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

**Technical Support Document (TSD) for a New Source Construction and
Minor Source Operating Permit (MSOP)**

Source Description and Location

Source Name:	Blann & Son LLC
Source Location:	Brampton Brick, Inc. 1256 East CR 950 North, Farmersburg, Indiana 47850
County:	Sullivan
SIC Code:	1422 (Crushed and Broken Limestone) 1429 (Crushed and Broken Stone, Not Elsewhere Classified) 1795 (Wrecking and Demolition Work)
Operation Permit No.:	M 777-43217-05512
Permit Reviewer:	Wilfredo de la Rosa

On August 28, 2020, the Office of Air Quality (OAQ) received an application from Blann & Son LLC related to the construction and operation of a new portable crushing and screening operations.

Existing Approvals

There have been no previous approvals issued to this source.

County Attainment Status

The source is located in Sullivan County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Unclassifiable or attainment effective January 16, 2018, for the 2015 8-hour ozone standard.
PM _{2.5}	Unclassifiable or attainment effective April 15, 2015, for the 2012 annual PM _{2.5} standard.
PM _{2.5}	Unclassifiable or attainment effective December 13, 2009, for the 2006 24-hour PM _{2.5} standard.
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Unclassifiable or attainment effective January 29, 2012, for the 2010 NO ₂ standard.
Pb	Unclassifiable or attainment effective December 31, 2011, for the 2008 lead standard.

- (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. Sullivan 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}**
Sullivan County has been classified as attainment for PM_{2.5}. Therefore, direct PM_{2.5}, SO₂, and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

- (c) Other Criteria Pollutants
Sullivan County has been classified as attainment or unclassifiable in Indiana for all the other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

The fugitive emissions of criteria pollutants and hazardous air pollutants are counted toward the determination of 326 IAC 2-6.1 (Minor Source Operating Permits) applicability.

Since this type of operation is not one (1) of the twenty-eight (28) listed source categories under 326 IAC 2-2-1(ff)(1), 326 IAC 2-3-2(g), or 326 IAC 2-7-1(22)(B), and there is no applicable New Source Performance Standard or National Emission Standard for Hazardous Air Pollutants that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

The fugitive emissions of hazardous air pollutants (HAP) are counted toward the determination of Part 70 Permit (326 IAC 2-7) and MSOP (326 IAC 2-6.1) applicability and source status under Section 112 of the Clean Air Act (CAA).

Portable Source

- (a) PSD and Emission Offset Requirements
The emissions from this portable source were reviewed under the requirements of the Prevention of Significant Deterioration (PSD) 326 IAC 2-2 and Emission Offset 326 IAC 2-3.
- (b) Portable Source Relocation
Section C - Relocation of Portable Sources of the permit includes conditional language based on the attainment status of the source's current location and existing source-wide potential to emit (PTE) of air pollutants. Sources should evaluate whether to request approval to relocate to a given location in Indiana based on the county/area attainment status under 326 IAC 1-4 and 40 CFR 81.315 of the proposed location. The existing source-wide PTE should take into account air pollutant emissions from any existing permitted emission units, the uncontrolled/unlimited air pollutant emissions from unpermitted emission units (if any), and increases in air pollutant emissions from modified emission units (if any). See the "County Attainment Status" section of this TSD for more information about the attainment status of the source's current (proposed) location.

Indiana county/area attainment status under 40 CFR 81.315 is available on the Internet at:
https://www.ecfr.gov/cgi-bin/text-idx?SID=eed1ca0ec6d31179af79405dffaee05&mc=true&node=se40.18.81_1315&rgn=div8

Greenhouse Gas (GHG) Emissions

On June 23, 2014, in the case of *Utility Air Regulatory Group v. EPA*, cause no. 12-1146, (available at http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf) the United States Supreme Court ruled that the U.S. EPA does not have the authority to treat greenhouse gases (GHGs) as an air pollutant for the purpose of determining operating permit applicability or PSD Major source status. On July 24, 2014, the U.S. EPA issued a memorandum to the Regional Administrators outlining next steps in permitting decisions in light of the Supreme Court's decision. U.S. EPA's guidance states that U.S. EPA will no longer require PSD or Title V permits for sources "previously classified as 'Major' based solely on greenhouse gas emissions."

The Indiana Environmental Rules Board adopted the GHG regulations required by U.S. EPA at 326 IAC 2-2-1(zz), pursuant to Ind. Code § 13-14-9-8(h) (Section 8 rulemaking). A rule, or part of a rule, adopted under Section 8 is automatically invalidated when the corresponding federal rule, or part of the rule, is

invalidated. Due to the United States Supreme Court Ruling, IDEM, OAQ cannot consider GHG emissions to determine operating permit applicability or PSD applicability to a source or modification.

Background and Description of Emission Units and Pollution Control Equipment

The Office of Air Quality (OAQ) has reviewed an application, submitted by Blann & Son LLC on August 28, 2020, relating to the construction and operation of a portable crushing and screening operations.

The following emission units that were constructed without a permit:

- (a) One (1) 275 HP (2017 model) diesel-fired jaw crusher, identified as CR1, constructed in 2020, with a maximum capacity of 475 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (b) One (1) 493 HP (2018 model) diesel-fired impact crusher, identified as CR2, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (c) One (1) 105 HP (2018 model) diesel-fired primary 2-deck screen, identified as S1, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (d) One (1) 125 HP (2008 model) diesel-fired secondary 3-deck screen, identified as S2, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (e) One (1) 130 HP (2015 model) diesel-fired tertiary 2-deck screen, identified as S3, constructed in 2020, with a maximum capacity of 250 tons per hour, using no controls, and exhausting outdoors;

[Under 40 CFR 60, Subpart OOO, this unit is considered an affected facility]

- (f) Twelve (12) transfer conveyors, constructed in 2020, with their designation, construction years and maximum capacities in tons per hour (tph) shown below:

Designation	construction year	maximum capacity, tph
TC1	2020	550
TC2	2020	375
TC3	2020	200
TC4	2020	365
TC5	2020	10
TC6	2020	168
TC7	2020	150
TC8	2020	150
TC9	2020	250
TC10	2020	80
TC11	2020	80
TC12	2020	90

[Under 40 CFR 60, Subpart OOO, above conveyor units are considered affected facilities]

- (g) Unpaved/paved roads [326 IAC 6-4]

(h) Storage Piles [326 IAC 6-4]

Enforcement Issues

There are no pending enforcement actions related to this source.

Emission Calculations

See Appendix A of this Technical Support Document for detailed emission calculations.

Permit Level Determination – MSOP

This table reflects the unrestricted potential emissions of the source. If the control equipment has been determined to be integral, the table reflects the potential to emit (PTE) after consideration of the integral control device.

	Unrestricted Source-Wide Emissions (ton/year)								
	PM ¹	PM ₁₀ ¹	PM _{2.5} ^{1, 2}	SO ₂	NO _x	VOC	CO	Single HAP ³	Total HAPs
Jaw Crusher, CR1	1.46	1.46	1.46	-	-	-	-	-	-
Conveyor, TC1	6.24	2.29	2.29	-	-	-	-	-	-
Screen, S1	52.01	18.10	18.10	-	-	-	-	-	-
Conveyor, TC2	4.93	1.81	1.81	-	-	-	-	-	-
Conveyor, TC3	1.31	0.49	0.48	-	-	-	-	-	-
Impact Crusher, CR2	1.15	1.15	1.15	-	-	-	-	-	-
Conveyor, TC4	4.80	1.76	1.76	-	-	-	-	-	-
Conveyor, TC5	0.13	0.05	0.05	-	-	-	-	-	-
Screen, S2	39.97	13.91	13.91	-	-	-	-	-	-
Conveyor, TC6	2.21	0.81	0.81	-	-	-	-	-	-
Conveyor, TC7	1.01	0.37	0.37	-	-	-	-	-	-
Conveyor, TC8	0.68	0.25	0.25	-	-	-	-	-	-
Conveyor, TC9	0.89	0.33	0.33	-	-	-	-	-	-
Screen, S3	18.40	6.40	6.40	-	-	-	-	-	-
Conveyor, TC10	0.67	0.25	0.25	-	-	-	-	-	-
Conveyor, TC11	0.72	0.26	0.26	-	-	-	-	-	-
Conveyor, TC12	0.81	0.30	0.30	-	-	-	-	-	-
Unpaved Roads	33.33	8.88	0.89	-	-	-	-	-	-
Storage Piles	5.20	1.82	0.28						
Total PTE of Entire Source Excluding Fugitives*	137.40	49.97	49.97	-	-	-	-	-	-
Title V Major Source Thresholds	--	100	100	100	100	100	100	10	25
Title V Major Source Thresholds	--	100	100	100	50	50	100	10	25
Total PTE of Entire Source Including Source-Wide Fugitives*	175.92	60.67	51.13	-	-	-	-	-	-

	Unrestricted Source-Wide Emissions (ton/year)								Total HAPs
	PM ¹	PM ₁₀ ¹	PM _{2.5} ^{1,2}	SO ₂	NO _x	VOC	CO	Single HAP ³	
MSOP Thresholds	25	25	25	25	25	25	100	10	25

¹Under the Part 70 Permit program (40 CFR 70), PM₁₀ and PM_{2.5}, not particulate matter (PM), are each considered as a "regulated air pollutant."

²PM_{2.5} listed is direct PM_{2.5}.

³Single highest source-wide HAP

*Fugitive HAP emissions are always included in the source-wide emissions.

Appendix A of this TSD reflects the detailed unrestricted potential emissions of the source.

- (a) The potential to emit (as defined in 326 IAC 2-1.1-1) of PM₁₀ PM_{2.5} are each less than one hundred (100) tons per year, but equal to or greater than twenty-five (25) tons per year. The potential to emit of all other regulated air pollutants is less than twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-6.1. The source will be issued an Minor Source Operating Permit (MSOP).
- (c) The potential to emit (as defined in 326 IAC 2-1.1-1) of any single HAP is less than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-1.1-1) 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 2-7. The source will be issued an Minor Source Operating Permit (MSOP).

Federal Rule Applicability Determination

Federal rule applicability for this source has been reviewed as follows:

New Source Performance Standards (NSPS):

- (a) The requirements of the New Source Performance Standard for Stationary Compression Ignition Internal Combustion Engines, 40 CFR 60, Subpart IIII, are not included in the permit for the five (5) diesel-fired engines (275 HP, 493 HP, 105 HP, 125 HP and 130 HP), because they are considered a non-road engine, as defined at 410 CFR 1068.30. In order to render the requirements of 40 CFR 60, Subpart not applicable, the Permittee shall comply with the following:
 - (1) The portable diesel-fired crushers and screens shall remain at a location for a period not to exceed twelve (12) consecutive months.
 - (2) Any diesel-fired unit (e.g., crusher or screen) that replaces a diesel-fired unit at a location and that is intended to perform the same or similar function as the diesel-fired unit replaced will be included in calculating the consecutive time period.
 - (3) For the purposes of this condition, and pursuant to 40 CFR 1069.30 Non-road Engine (2)(iii), a location is any single site at a building, structure, facility, or installation.
- (b) This source is subject to the New Source Performance Standards for Nonmetallic Mineral Processing Plants, 40 CFR 60, Subpart OOO and 326 IAC 12, because all the equipments are used to reduce the size of nonmetallic minerals by crushing with capacity greater than 150 tons per hour, and they are constructed after the applicability date of August 31, 1983. The units subject to this rule include the following:
 - (1) One (1) 275 HP (2017 model) diesel-fired jaw crusher, identified as CR1, constructed in 2020, with a maximum capacity of 475 tons per hour, using no controls, and exhausting outdoors;

- (2) One (1) 493 HP (2018 model) diesel-fired impact crusher, identified as CR2, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;
- (3) One (1) 105 HP (2018 model) diesel-fired primary 2-deck screen, identified as S1, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;
- (4) One (1) 125 HP (2008 model) diesel-fired secondary 3-deck screen, identified as S2, constructed in 2020, with a maximum capacity of 550 tons per hour, using no controls, and exhausting outdoors;
- (5) One (1) 130 HP (2015 model) diesel-fired tertiary 2-deck screen, identified as S3, constructed in 2020, with a maximum capacity of 250 tons per hour, using no controls, and exhausting outdoors;
- (6) Twelve (12) transfer conveyors, constructed in 2020, with their designation, construction years and maximum capacities in tons per hour (tph) shown below:

Designation	construction year	maximum capacity, tph
TC1	2020	550
TC2	2020	375
TC3	2020	200
TC4	2020	365
TC5	2020	10
TC6	2020	168
TC7	2020	150
TC8	2020	150
TC9	2020	250
TC10	2020	80
TC11	2020	80
TC12	2020	90

The above-listed units are subject to the following portions of 40 CFR 60, Subpart OOO.

- (1) 40 CFR 60.670 (a)(1), (d), (e), (f)
- (2) 40 CFR 60.671
- (3) 40 CFR 60.672 (b), (d)
- (4) 40 CFR 60.673
- (5) 40 CFR 60.674 (b)
- (5) 40 CFR 60.675 (a),(c)(1), (c)(3), (e)
- (6) 40 CFR 60.676 (a), (b)(1), (f), (g), (h),(i), (j), (k)
- (7) Table 1 to 40 CFR 60, Subpart OOO
- (8) Table 3 to 40 CFR 60, Subpart OOO

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.

- (c) There are no other New Source Performance Standards (40 CFR Part 60) and 326 IAC 12 included in the permit.

National Emission Standards for Hazardous Air Pollutants (NESHAP):

- (d) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Reciprocating Internal Combustion Engines, 40 CFR 63, Subpart ZZZZ and 326 IAC 30-82 are not included in the permit for the five (5) diesel-fired engines (275 HP, 493 HP, 105 HP, 125

HP and 130 HP), since they are considered non-road engines, as defined by 40 CFR 1068.30. In order to render the requirements of 40 CFR 63, Subpart ZZZZ not applicable, the Permittee shall comply with the following:

- (1) The portable diesel-fired crushers and screens shall remain at a location for a period not to exceed twelve (12) consecutive months.
 - (2) Any diesel-fired unit (e.g., crusher or screen) that replaces a diesel-fired unit at a location and that is intended to perform the same or similar function as the diesel-fired unit replaced will be included in calculating the consecutive time period.
 - (3) For the purposes of this condition, and pursuant to 40 CFR 1069.30 Non-road Engine (2)(iii), a location is any single site at a building, structure, facility, or installation.
- (e) There are no other National Emission Standards for Hazardous Air Pollutants under 40 CFR 63, 326 IAC 14 and 326 IAC 20 included in the permit.

Compliance Assurance Monitoring (CAM):

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

State Rule Applicability - Entire Source

State rule applicability for this source has been reviewed as follows:

326 IAC 2-6.1 (Minor Source Operating Permits (MSOP))

MSOP applicability is discussed under the PTE of the Entire Source After Issuance of the MSOP section of this document.

326 IAC 2-2 (Prevention of Significant Deterioration)

This source was constructed after August 1977, the applicability date of this rule, and it has the potential to emit PM and all other regulated pollutants at a rate of less than 250 tons per year. No modifications have been made to this source since, and it is not one of the listed twenty-eight (28) list source categories. Therefore, this is a minor source under 326 IAC 2-2 (PSD).

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

The operation of this source will emit less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

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, Clark, or Floyd 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 this permit:

- (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (2) Opacity shall not exceed an average of twenty percent (20%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4, when located in Lake County.

- (3) 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, when located in any of the following areas:
- (A) Clark County, Jeffersonville Township.
 - (B) Dearborn County, Lawrenceburg Township.
 - (C) Dubois County, Bainbridge Township.
 - (D) Lake County, an area bounded on the north by Lake Michigan, on the west by the Indiana-Illinois state line, on the south by U.S. 30 from the state line to the intersection of I-65 to the intersection of I-94 then following I-94 to the Lake-Porter county line, and on the east by the Lake-Porter county line.
 - (E) Marion County, except the area of Washington Township east of Fall Creek and the area of Franklin Township south of Thompson Road and east of Five Points Road.
 - (F) St. Joseph County, the area north of Kern Road and east of Pine Road.
 - (G) Vanderburgh County, the area included in the city of Evansville and Pigeon Township.
 - (H) Vigo County, the area within a five-tenths (0.5) kilometer radius circle centered at UTM Coordinates Zone 16 East four hundred sixty-four and fifty-two hundredths (464.52) kilometers North four thousand three hundred sixty-nine and twenty-one hundredths (4,369.21) kilometers.
- (4) 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 6-4 (Fugitive Dust Emissions Limitations)

Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source 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.

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

This source was constructed after December 13, 1985 and has potential fugitive particulate emissions of twenty-five (25) tons per year or more. Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the Fugitive Dust Control Plan that is included as Attachment A to the permit.

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)

Pursuant to 326 IAC 6.5-1-1(a), this source (located in Sullivan County) is not subject to the requirements of 326 IAC 6.5 because it is not located in one of the following counties: Clark, Dearborn, Dubois, Howard, Marion, St. Joseph, Vanderburgh, Vigo or Wayne.

326 IAC 6.8 (Particulate Matter Limitations for Lake County)

Pursuant to 326 IAC 6.8-1-1(a), this source (located in Sullivan County) is not subject to the requirements of 326 IAC 6.8 because it is not located in Lake County.

State Rule Applicability – Individual Facilities

State rule applicability for this source has been reviewed as follows:

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

- (a) Pursuant to 326 IAC 6-3-1(b)(14) the jaw and impact crushers, CR1 & CR2, the transfer conveyors, TC3, TC5, TC6, TC7, TC8, TC9, TC10, TC11 and TC12 are not subject to the requirements of 326 IAC 6-3, since the uncontrolled PM emissions of each are less than 0.550 pounds per hour.

- (b) The diesel-fired engines are each exempt from the requirements of 326 IAC 6-3 because pursuant to 326 IAC 1-2-59, liquid and gaseous fuels and combustion air are not considered as part of the process weight.
- (c) Pursuant to 326 IAC 6-3-1(a), the requirements of 326 IAC 6-3-2 are applicable to the three (3) screens, S1, S2, S3, the transfer conveyors, TC1, TC2 and TC4, since they are manufacturing processes not exempted from this rule under 326 IAC 6-3-1(b) and are not subject to a particulate matter limitation that is as stringent as or more stringent than the particulate limitation established in this rule as specified in 326 IAC 6-3-1(c).

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the three (3) screens, S1, S2 & S3 and the transfer conveyors, TC1, TC2 & TC4 shall not exceed the pounds per hour limits (E) shown in the table below when operating at the corresponding process weight rates in tons per hour. The pound per hour limitation was calculated with the following equation:

Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

Summary of Process Weight Rate Limits			
Process / Emission Unit	P (ton/hr)	E (lb/hr)	PTE (lb/hr)
Primary Screen, S1	550	70.10	11.88
Secondary Screen, S2	550	70.10	9.13
Tertiary Screen, S3	250	60.96	4.20
Conveyor, TC1	550	70.10	1.43
Conveyor, TC2	375	65.56	1.13
Conveyor, TC4	365	65.25	1.10

Based on calculations, the control equipment is not needed to comply with this limit.

326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)

Even though, all the emission units were constructed after January 1, 1980, they are not subject to the requirements of 326 IAC 8-1-6 because its unlimited VOC potential emissions are each less than twenty-five (25) tons per year.

Compliance Determination and Monitoring Requirements

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

Summary of Testing Requirements			
Emission Units	Parameter/Pollutant	Initial and Frequency of Testing	Authority
Crushers	Opacity and Fugitive Particulate Matter	60/180 days* Once every five (5) years from the date of the last valid compliance demonstration	40 CFR 60, Subpart OOO
Screens			
Conveyor System			
*Within 60 days after achieving the maximum production rate of the emission units but not later than 180 days after initial start-up of the emission units.			

No other requirements are applicable since the source complies with 326 IAC 6-3-2 limits without control.

Conclusion and Recommendation

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 August 28, 2020. Additional information was received on September 23, 2020.

The construction and operation of this source shall be subject to the conditions of the attached proposed New Source Construction and MSOP No. 777-43217-05512. The staff recommends to the Commissioner that the New Source Construction and MSOP be approved.

IDEM Contact

- (a) If you have any questions regarding this permit, please contact Wilfredo de la Rosa, 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) 232-8422 or (800) 451-6027, and ask for Wilfredo de la Rosa or (317) 232-8422
- (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 Air Permits page on the Internet at: <http://www.in.gov/idem/airquality/2356.htm>; and the Citizens' Guide to IDEM on the Internet at: <http://www.in.gov/idem/6900.htm>.

TSD Appendix A: Emission Calculations
Worst Set-up Scenario Summary (A-3-1) - Limestone

Company Name: Blann & Son, LLC
Source Address: 1256 E CR 950 N, Farmersburg, IN 47850
Permit Number: M 777-43217-05512
Reviewer: Wilfredo de la Rosa

Emission Unit	Unit ID	Number of Units	Unit Capacity (tons/hour)	Emission Factors (lb./ton)			Potential Emissions (lbs./hour)			Potential Emissions (tons/year)		
				PM	PM ₁₀	PM _{2.5}	PM	PM ₁₀	PM _{2.5}	PM	PM ₁₀	PM _{2.5}
Jaw Type Rock Crusher	CR1	1	475	0.0007	0.0007	0.0007	0.33	0.33	0.33	1.46	1.46	1.46
Transfer Conveyor (CR1 to S1)	TC1	1	475	0.003	0.0011	0.0011	1.43	0.52	0.52	6.24	2.29	2.29
Primary Screen	S1	1	475	0.025	0.0087	0.0087	11.88	4.13	4.13	52.01	18.10	18.10
Transfer Conveyor (S1 to CR2)	TC2	1	375	0.003	0.0011	0.0011	1.13	0.41	0.41	4.93	1.81	1.81
Transfer Conveyor (To Stockpile)	TC3	1	100	0.003	0.0011	0.0011	0.30	0.11	0.11	1.31	0.48	0.48
Impact Type Rock Crusher	CR2	1	375	0.0007	0.0007	0.0007	0.26	0.26	0.26	1.15	1.15	1.15
Transfer Conveyor (CR2 to S2)	TC4	1	365	0.003	0.0011	0.0011	1.10	0.40	0.40	4.80	1.76	1.76
Transfer Conveyor (To Stockpile)	TC5	1	10	0.003	0.0011	0.0011	0.03	0.01	0.01	0.13	0.05	0.05
Secondary Screen	S2	1	365	0.025	0.0087	0.0087	9.13	3.18	3.18	39.97	13.91	13.91
Transfer Conveyor (S2 to S3)	TC6	1	168	0.003	0.0011	0.0011	0.50	0.18	0.18	2.21	0.81	0.81
Transfer Conveyor (To Stockpile)	TC7	1	77	0.003	0.0011	0.0011	0.23	0.08	0.08	1.01	0.37	0.37
Transfer Conveyor (To Stockpile)	TC8	1	52	0.003	0.0011	0.0011	0.16	0.06	0.06	0.68	0.25	0.25
Transfer Conveyor (To Stockpile)	TC9	1	68	0.003	0.0011	0.0011	0.20	0.07	0.07	0.89	0.33	0.33
Tertiary Screen	S3	1	168	0.025	0.0087	0.0087	4.20	1.46	1.46	18.40	6.40	6.40
Transfer Conveyor (To Stockpile)	TC10	1	51	0.003	0.0011	0.0011	0.15	0.06	0.06	0.67	0.25	0.25
Transfer Conveyor (To Stockpile)	TC11	1	55	0.003	0.0011	0.0011	0.17	0.06	0.06	0.72	0.26	0.26
Transfer Conveyor (To Stockpile)	TC12	1	62	0.003	0.0011	0.0011	0.19	0.07	0.07	0.81	0.30	0.30

PTE for Setup A-3-1	Total PE	31.37	11.41	11.41	137.40	49.97	49.97
					Potential Emissions Non-fugitive(tons/year)		

Fugitive Emissions

Unpaved Roads	33.33	8.88	0.89
Storage Piles	5.20	1.82	0.28

Total PTE including fugitives	175.92	60.67	51.13
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**TSD Appendix A: Emission Calculations
Fugitive Dust Emissions - Unpaved Roads**

**Company Name: Blann & Son, LLC
Source Address: 1256 E CR 950 N, Farmersburg, IN 47850
Permit Number: M 777-43217-05512
Reviewer: Wilfredo de la Rosa**

**Blann & Son, LLC - Crushing & Screening Units (Portable Source Type)
IDEM OAQ Plant ID - 777-43217-05512**

Equipment Setup Type	Calculated PTE PM (tons/year)	Calculated PTE PM10 (tons/year)	Calculated PTE PM2.5 (tons/year)
Crushing & Screening - CR1			
PTE for Setup A-1-1	7.70	3.74	3.74
PTE for Setup A-1-2	65.95	24.13	24.13
PTE for Setup A-1-3	65.95	24.13	24.13
PTE for Setup A-1-4	105.57	38.20	38.20
Crushing & Screening - CR2			
PTE for Setup A-2-1	8.91	4.34	4.34
PTE for Setup A-2-2	76.37	27.94	27.94
PTE for Setup A-2-3	76.37	27.94	27.94
PTE for Setup A-2-4	118.98	43.06	43.06
Crushing & Screening - CR1 & CR2			
PTE for Setup A-3-1	137.40	49.97	49.97
Worst Non-fugitive Emission Scenario A-3-1			
(PTE Attachment A-3)	137.40	49.97	49.97
Quarry Haulage Fugitives (PTE Attachment B)	427.30	121.51	121.51
Loading & Unloading Fugitives (PTE Attachment C)	3.36	3.36	3.36
Crushed Limestone Stockpiles Fugitives (PTE Attachments C thru F)	6.63	6.63	6.63
Total PTE (Non-fugitives and Fugitives)	574.69	181.47	181.47

**TSD Appendix A: Emission Calculations
Particulate Emissions using CR1**

Company Name: Blann & Son, LLC
Source Address: 1256 E CR 950 N, Farmersburg, IN 47850
Permit Number: M 777-43217-05512
Reviewer: Wilfredo de la Rosa

Emission Unit	Unit ID	Number of Units	Unit Capacity (tons/hour)	Emission Factors (lb./ton)			Potential Emissions (lbs./hour)			Potential Emissions (tons/year)		
				PM	PM ₁₀	PM _{2.5}	PM	PM ₁₀	PM _{2.5}	PM	PM ₁₀	PM _{2.5}
Jaw Type Rock Crusher	CR1	1	475	0.0007	0.0007	0.0007	0.33	0.33	0.33	1.46	1.46	1.46
Transfer Conveyor (To Stockpile)	TC1	1	475	0.003	0.0011	0.0011	1.43	0.52	0.52	6.24	2.29	2.29
PTE for Setup A-1-1						Total PE	1.76	0.86	0.86	7.70	3.74	3.74
										Potential Emissions (tons/year)		
Jaw Type Rock Crusher	CR1	1	475	0.0007	0.0007	0.0007	0.33	0.33	0.33	1.46	1.46	1.46
Transfer Conveyor (To S1)	TC1	1	475	0.003	0.0011	0.0011	1.43	0.52	0.52	6.24	2.29	2.29
Primary Screen	S1	1	475	0.025	0.0087	0.0087	11.88	4.13	4.13	52.01	18.10	18.10
Transfer Conveyor (To Stockpile)	TC2	1	375	0.003	0.0011	0.0011	1.13	0.41	0.41	4.93	1.81	1.81
Transfer Conveyor (To Stockpile)	TC3	1	100	0.003	0.0011	0.0011	0.30	0.11	0.11	1.31	0.48	0.48
PTE for Setup A-1-2						Total PE	15.06	5.51	5.51	65.95	24.13	24.13
										Potential Emissions (tons/year)		
Jaw Type Rock Crusher	CR1	1	475	0.0007	0.0007	0.0007	0.33	0.33	0.33	1.46	1.46	1.46
Transfer Conveyor (To S2)	TC1	1	475	0.003	0.0011	0.0011	1.43	0.52	0.52	6.24	2.29	2.29
Secondary Screen (Three Deck)	S2	1	475	0.025	0.0087	0.0087	11.88	4.13	4.13	52.01	18.10	18.10
Transfer Conveyor (To Stockpile)	TC7	1	125	0.003	0.0011	0.0011	0.38	0.14	0.14	1.64	0.60	0.60
Transfer Conveyor (To Stockpile)	TC8	1	125	0.003	0.0011	0.0011	0.38	0.14	0.14	1.64	0.60	0.60
Transfer Conveyor (To Stockpile)	TC9	1	225	0.003	0.0011	0.0011	0.68	0.25	0.25	2.96	1.08	1.08
PTE for Setup A-1-3						Total PE	15.06	5.51	5.51	65.95	24.13	24.13
										Potential Emissions (tons/year)		
Jaw Type Rock Crusher	CR1	1	475	0.0007	0.0007	0.0007	0.33	0.33	0.33	1.46	1.46	1.46
Transfer Conveyor (To S2)	TC1	1	475	0.003	0.0011	0.0011	1.43	0.52	0.52	6.24	2.29	2.29
Secondary Screen (Three Deck)	S2	1	475	0.025	0.0087	0.0087	11.88	4.13	4.13	52.01	18.10	18.10
Transfer Conveyor (To Stockpile)	TC7	1	125	0.003	0.0011	0.0011	0.38	0.14	0.14	1.64	0.60	0.60
Transfer Conveyor (To Stockpile)	TC8	1	125	0.003	0.0011	0.0011	0.38	0.14	0.14	1.64	0.60	0.60
Transfer Conveyor (To S3)	TC9	1	225	0.003	0.0011	0.0011	0.68	0.25	0.25	2.96	1.08	1.08
Tertiary Screen (Two Deck)	S3	1	225	0.025	0.0087	0.0087	5.63	1.96	1.96	24.64	8.57	8.57
Transfer Conveyor (To Stockpile)	TC10	1	70	0.003	0.0011	0.0011	0.21	0.08	0.08	0.92	0.34	0.34
Transfer Conveyor (To Stockpile)	TC11	1	70	0.003	0.0011	0.0011	0.21	0.08	0.08	0.92	0.34	0.34
Transfer Conveyor (To Stockpile)	TC12	1	85	0.003	0.0011	0.0011	3.00	1.10	1.10	13.14	4.82	4.82
PTE for Setup A-1-4						Total PE	24.10	8.72	8.72	105.57	38.20	38.20
										Potential Emissions (tons/year)		

**TSD Appendix A: Emission Calculations
Particulate Emissions using CR2**

Company Name: Blann & Son, LLC
Source Address: 1256 E CR 950 N, Farmersburg, IN 47850
Permit Number: M 777-43217-05512
Reviewer: Wilfredo de la Rosa

Emission Unit	Unit ID	Number of Units	Unit Capacity (tons/hour)	Emission Factors (lb./ton)			Potential Emissions (lbs./hour)			Potential Emissions (tons/year)		
				PM	PM ₁₀	PM _{2.5}	PM	PM ₁₀	PM _{2.5}	PM	PM ₁₀	PM _{2.5}
Impact Type Rock Crusher	CR2	1	550	0.0007	0.0007	0.0007	0.39	0.39	0.39	1.69	1.69	1.69
Transfer Conveyor (To Stockpile)	TC1	1	550	0.003	0.0011	0.0011	1.65	0.61	0.61	7.23	2.65	2.65
PTE for Setup A-2-1						Total PE	2.04	0.99	0.99	8.91	4.34	4.34
										Potential Emissions (tons/year)		
Impact Type Rock Crusher	CR2	1	550	0.0007	0.0007	0.0007	0.39	0.39	0.39	1.69	1.69	1.69
Transfer Conveyor (To S1)	TC1	1	550	0.003	0.0011	0.0011	1.65	0.61	0.61	7.23	2.65	2.65
Primary Screen	S1	1	550	0.025	0.0087	0.0087	13.75	4.79	4.79	60.23	20.96	20.96
Transfer Conveyor (To Stockpile)	TC2	1	350	0.003	0.0011	0.0011	1.05	0.39	0.39	4.60	1.69	1.69
Transfer Conveyor (To Stockpile)	TC3	1	200	0.003	0.0011	0.0011	0.60	0.22	0.22	2.63	0.96	0.96
PTE for Setup A-2-2						Total PE	17.44	6.38	6.38	76.37	27.94	27.94
										Potential Emissions (tons/year)		
Impact Type Rock Crusher	CR2	1	550	0.0007	0.0007	0.0007	0.39	0.39	0.39	1.69	1.69	1.69
Transfer Conveyor (To S2)	TC1	1	550	0.003	0.0011	0.0011	1.65	0.61	0.61	7.23	2.65	2.65
Secondary Screen (Three Deck)	S2	1	550	0.025	0.0087	0.0087	13.75	4.79	4.79	60.23	20.96	20.96
Transfer Conveyor (To Stockpile)	TC7	1	150	0.003	0.0011	0.0011	0.45	0.17	0.17	1.97	0.72	0.72
Transfer Conveyor (To Stockpile)	TC8	1	150	0.003	0.0011	0.0011	0.45	0.17	0.17	1.97	0.72	0.72
Transfer Conveyor (To Stockpile)	TC9	1	250	0.003	0.0011	0.0011	0.75	0.28	0.28	3.29	1.20	1.20
PTE for Setup A-2-3						Total PE	17.44	6.38	6.38	76.37	27.94	27.94
										Potential Emissions (tons/year)		
Impact Type Rock Crusher	CR2	1	550	0.0007	0.0007	0.0007	0.39	0.39	0.39	1.69	1.69	1.69
Transfer Conveyor (To S2)	TC1	1	550	0.003	0.0011	0.0011	1.65	0.61	0.61	7.23	2.65	2.65
Secondary Screen (Three Deck)	S2	1	550	0.025	0.0087	0.0087	13.75	4.79	4.79	60.23	20.96	20.96
Transfer Conveyor (To Stockpile)	TC7	1	150	0.003	0.0011	0.0011	0.45	0.17	0.17	1.97	0.72	0.72
Transfer Conveyor (To Stockpile)	TC8	1	150	0.003	0.0011	0.0011	0.45	0.17	0.17	1.97	0.72	0.72
Transfer Conveyor (To S3)	TC9	1	250	0.003	0.0011	0.0011	0.75	0.28	0.28	3.29	1.20	1.20
Tertiary Screen (Two Deck)	S3	1	250	0.025	0.0087	0.0087	6.25	2.18	2.18	27.38	9.53	9.53
Transfer Conveyor (To Stockpile)	TC10	1	80	0.003	0.0011	0.0011	0.24	0.09	0.09	1.05	0.39	0.39
Transfer Conveyor (To Stockpile)	TC11	1	80	0.003	0.0011	0.0011	0.24	0.09	0.09	1.05	0.39	0.39
Transfer Conveyor (To Stockpile)	TC12	1	90	0.003	0.0011	0.0011	3.00	1.10	1.10	13.14	4.82	4.82
PTE for Setup A-2-4						Total PE	27.17	9.83	9.83	118.98	43.06	43.06
										Potential Emissions (tons/year)		

TSD Appendix A: Emission Calculations
Particulate Emissions using CR1 and CR2

Company Name: Blann & Son, LLC
Source Address: 1256 E CR 950 N, Farmersburg, IN 47850
Permit Number: M 777-43217-05512
Reviewer: Wilfredo de la Rosa

Emission Unit	Unit ID	Number of Units	Unit Capacity (tons/hour)	Emission Factors (lb./ton)			Potential Emissions (lbs./hour)			Potential Emissions (tons/year)		
				PM	PM ₁₀	PM _{2.5}	PM	PM ₁₀	PM _{2.5}	PM	PM ₁₀	PM _{2.5}
Jaw Type Rock Crusher	CR1	1	475	0.0007	0.0007	0.0007	0.33	0.33	0.33	1.46	1.46	1.46
Transfer Conveyor (CR1 to S1)	TC1	1	475	0.003	0.0011	0.0011	1.43	0.52	0.52	6.24	2.29	2.29
Primary Screen	S1	1	475	0.025	0.0087	0.0087	11.88	4.13	4.13	52.01	18.10	18.10
Transfer Conveyor (S1 to CR2)	TC2	1	375	0.003	0.0011	0.0011	1.13	0.41	0.41	4.93	1.81	1.81
Transfer Conveyor (To Stockpile)	TC3	1	100	0.003	0.0011	0.0011	0.30	0.11	0.11	1.31	0.48	0.48
Impact Type Rock Crusher	CR2	1	375	0.0007	0.0007	0.0007	0.26	0.26	0.26	1.15	1.15	1.15
Transfer Conveyor (CR2 to S2)	TC4	1	365	0.003	0.0011	0.0011	1.10	0.40	0.40	4.80	1.76	1.76
Transfer Conveyor (To Stockpile)	TC5	1	10	0.003	0.0011	0.0011	0.03	0.01	0.01	0.13	0.05	0.05
Secondary Screen	S2	1	365	0.025	0.0087	0.0087	9.13	3.18	3.18	39.97	13.91	13.91
Transfer Conveyor (S2 to S3)	TC6	1	168	0.003	0.0011	0.0011	0.50	0.18	0.18	2.21	0.81	0.81
Transfer Conveyor (To Stockpile)	TC7	1	77	0.003	0.0011	0.0011	0.23	0.08	0.08	1.01	0.37	0.37
Transfer Conveyor (To Stockpile)	TC8	1	52	0.003	0.0011	0.0011	0.16	0.06	0.06	0.68	0.25	0.25
Transfer Conveyor (To Stockpile)	TC9	1	68	0.003	0.0011	0.0011	0.20	0.07	0.07	0.89	0.33	0.33
Tertiary Screen	S3	1	168	0.025	0.0087	0.0087	4.20	1.46	1.46	18.40	6.40	6.40
Transfer Conveyor (To Stockpile)	TC10	1	51	0.003	0.0011	0.0011	0.15	0.06	0.06	0.67	0.25	0.25
Transfer Conveyor (To Stockpile)	TC11	1	55	0.003	0.0011	0.0011	0.17	0.06	0.06	0.72	0.26	0.26
Transfer Conveyor (To Stockpile)	TC12	1	62	0.003	0.0011	0.0011	0.19	0.07	0.07	0.81	0.30	0.30
PTE for Setup A-3-1				Total PE	31.37	11.41	11.41	137.40	49.97	49.97	Potential Emissions (tons/year)	

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

**Company Name: Blann & Son, LLC
Source Address: 1256 E CR 950 N, Farmersburg, IN 47850
Permit Number: M 777-43217-05512
Reviewer: Wilfredo de la Rosa**

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 of Loaded Vehicle (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)	3.0	84.5	253.5	82.0	20787.0	500	0.095	24.0	8762.1
Vehicle (leaving plant) (one-way trip)	3.0	84.5	253.5	37.0	9379.5	500	0.095	24.0	8762.1
Totals			507.0		30166.5			48.0	17524.1

Average Vehicle Weight Per Trip = $\frac{59.5}{0.09}$ tons/trip
Average Miles Per Trip = $\frac{59.5}{0.09}$ miles/trip

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

	PM	PM10	PM2.5	
where k =	4.9	1.5	0.15	lb/mi = particle size multiplier (AP-42 Table 13.2.2-2 for Industrial Roads)
s =	6.0	6.0	6.0	% = mean % silt content of unpaved roads (AP-42 Table 13.2.2-1 Iron and Steel Production)
a =	0.7	0.9	0.9	= constant (AP-42 Table 13.2.2-2 for Industrial Roads)
W =	59.5	59.5	59.5	tons = average vehicle weight
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, Eext = $E \cdot [(365 - P)/365]$ (Equation 2 from AP-42 13.2.2)

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

	PM	PM10	PM2.5	
Unmitigated Emission Factor, Ef =	11.57	3.08	0.31	lb/mile
Mitigated Emission Factor, Eext =	7.61	2.03	0.20	lb/mile
Dust Control Efficiency =	50%	50%	50%	(pursuant to control measures outlined in fugitive dust control plan)

Process	Mitigated PTE of PM (Before Control) (tons/yr)	Mitigated PTE of PM10 (Before Control) (tons/yr)	Mitigated PTE of PM2.5 (Before Control) (tons/yr)	Mitigated PTE of PM (After Control) (tons/yr)	Mitigated PTE of PM10 (After Control) (tons/yr)	Mitigated PTE of PM2.5 (After Control) (tons/yr)
Vehicle (entering plant) (one-way trip)	33.33	8.88	0.89	16.66	4.44	0.44
Vehicle (leaving plant) (one-way trip)	33.33	8.88	0.89	16.66	4.44	0.44
Totals	66.65	17.76	1.78	33.33	8.88	0.89

Methodology

Total Weight driven per day (ton/day) = [Maximum Weight of Loaded Vehicle (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 year (trip/day)]
 Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
 Mitigated PTE (Before Control) (tons/yr) = (Maximum one-way miles (miles/yr)) * (Mitigated Emission Factor (lb/mile)) * (ton/2000 lbs)
 Mitigated PTE (After Control) (tons/yr) = (Mitigated PTE (Before Control) (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: Emissions Calculations
Fugitive Particulate Emissions from
Wind Erosion of Material Storage Piles**

Company Name: Blann & Son, LLC
Source Address: 1256 E CR 950 N, Farmersburg, IN 47850
Permit Number: M 777-43217-05512
Reviewer: Wilfredo de la Rosa

The following calculations determine the amount of fugitive particulate emissions created by wind erosion of material storage piles, based on 8,760 hours of use and USEPA's AP 42 (Pre 1983 Edition), Section 11.2.3 emission factor methodology.

$EF = 1.7 * (s/1.5) * ((365-p)/235) * (f/15)$
 where EF = Uncontrolled emission factor (lb/acre/day) for total suspended particulates (TSP)
 s = silt content of material (% by weight)
 p = $\frac{125}{365}$ = number of days with greater than or equal to 0.01 inches of precipitation per year
 f = $\frac{15}{8760}$ = % of time that the unobstructed wind speed exceeds 12 mph at the mean pile height

Material	Silt Content of Material (wt %)*	Uncontrolled PM Emission Factor (lb/acre/day)**	Maximum Anticipated Pile Size (acres)	Uncontrolled PTE of PM (tons/yr)	Uncontrolled PTE of PM10 (tons/yr)***	Uncontrolled PTE of PM2.5 (tons/yr)***
Limestone	1.6	1.85	15.38	5.198	1.819	0.275
Sand	2.6	3.01	0.00	0.000	0.000	0.000
RAP	0.5	0.58	0.00	0.000	0.000	0.000
Gravel	1.6	1.85	0.00	0.000	0.000	0.000
Slag	3.8	4.40	0.00	0.000	0.000	0.000
Totals				5.20	1.82	0.28

Methodology

*Silt content values obtained from AP 42 Section 13.2.4 (dated 11/2006) Table 13.2.4-1 (dated 11/2006)

**PM emissions assumed equal to total suspended particulate (TSP) emissions.

***Based on the aerodynamic particle size multiplier values for PM10 and PM2.5 from AP 42 Section 13.2.4 (dated 11/2006) for Aggregate Handling and Storage Piles, PM10 and PM2.5 emissions were calculated as follows:

PM10 emissions = 0.35 * PM emissions

PM2.5 emissions = 0.053 * PM emissions

Uncontrolled PTE of PM (tons/yr) = [Emission Factor (lb/acre/day)] * [Maximum Pile Size (acres)] * (ton/2000 lbs) * (365 days/yr)

Uncontrolled PTE of PM10 (tons/yr) = [Uncontrolled PTE of PM (tons/yr)] * 0.35

Uncontrolled PTE of PM2.5 (tons/yr) = [Uncontrolled PTE of PM (tons/yr)] * 0.053

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

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Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

October 8, 2020

Blake Blann
Blann & Son, LLC
2267 S CR 5 E
Sullivan, IN 47882

Re: Public Notice
Blann & Son, LLC
Permit Level: MSOP New Srce Const Minor PSD
Permit Number: 777-43217-05512

Dear Mr. Blann:

Enclosed is the Notice of 30-Day Period for Public Comment for your draft air permit.

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. The Notice of 30-Day Period for Public Comment has also been sent to the OAQ Permits Branch Interested Parties List and, if applicable, your Consultant/Agent and/or Responsible Official/Authorized Individual.

The preliminary findings, including the draft permit, technical support document, emission calculations, and other supporting documents, **are available electronically at:**

IDEM's online searchable database: <http://www.in.gov/apps/idem/caats/> . Choose Search Option by **Permit Number**, then enter permit 43217

and

IDEM's Virtual File Cabinet (VFC): <http://www.IN.gov/idem>. Enter VFC in the search box, then search for permit documents using a variety of criteria, such as Program area, date range, permit #, Agency Interest Number, or Source ID.

The Public Notice period will begin the date the Notice is published on the IDEM Official Public Notice website. Publication has been requested and is expected within 2-3 business days. You may check the exact Public Notice begins and ends date here: <https://www.in.gov/idem/5474.htm>

Please note that as of April 17, 2019, IDEM is no longer required to publish the notice in a newspaper.

OAQ has submitted the draft permit package to the Sullivan County Public Library, 100 South Crowder Street in Sullivan, IN. As a reminder, you are obligated by 326 IAC 2-1.1-6(c) to place a copy of the complete permit application at this library no later than ten (10) days after submittal of the application or additional information to our department. We highly recommend that even if you have already placed these materials at the library, that you confirm with the library that these materials are available for review and request that the library keep the materials available for review during the entire permitting process.

Please review the draft permit documents carefully. This is your opportunity to comment on the draft permit and notify the OAQ of any corrections that are needed before the final decision. Questions or comments about the enclosed documents should be directed to Wilfredo de la Rosa, Indiana Department of Environmental Management, Office of Air Quality, 100 N. Senate Avenue, Indianapolis, Indiana, 46204 or call (800) 451-6027, and ask for extension 2-8422 or dial (317) 232-8422.

Sincerely,

Theresa Weaver

Theresa Weaver
Permits Branch
Office of Air Quality

Enclosures

PN Applicant Cover Letter access via website 8/10/2020



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Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

October 8, 2020

To: Sullivan County Public Library

From: Jenny Acker, Branch Chief
Permits Branch
Office of Air Quality

Subject: **Important Information to Display Regarding a Public Notice for an Air Permit**

Applicant Name: Blann & Son, LLC
Permit Number: 777-43217-05512

Enclosed is a copy of important information to make available to the public. This proposed project is regarding a source that may have the potential to significantly impact air quality. Librarians are encouraged to educate the public to make them aware of the availability of this information. The following information is enclosed for public reference at your library:

- Notice of a 30-day Period for Public Comment
- Draft Permit and Technical Support Document

You will not be responsible for collecting any comments from the citizens. Please refer all questions and request for the copies of any pertinent information to the person named below.

Members of your community could be very concerned in how these projects might affect them and their families. **Please make this information readily available until you receive a copy of the final package.**

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. Questions pertaining to the permit itself should be directed to the contact listed on the notice.

Enclosures
PN Library updated 4/2019



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Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

Notice of Public Comment

October 8, 2020
Blann & Son, LLC
777-43217-05512

Dear Concerned Citizen(s):

You have been identified as someone who could potentially be affected by this proposed air permit. The Indiana Department of Environmental Management, in our ongoing efforts to better communicate with concerned citizens, invites your comment on the draft permit.

Enclosed is a Notice of Public Comment, which has posted on IDEM's Public Notice website at <https://www.in.gov/idem/5474.htm>.

The application and supporting documentation for this proposed permit have been placed at the library indicated in the Notice. These documents more fully describe the project, the applicable air pollution control requirements and how the applicant will comply with these requirements.

If you would like to comment on this draft permit, please contact the person named in the enclosed Public Notice. Thank you for your interest in the Indiana's Air Permitting Program.

Please Note: *If you feel you have received this Notice in error, or would like to be removed from the Air Permits mailing list, please contact Joanne Smiddie-Brush with the Air Permits Administration Section at 1-800-451-6027, ext. 3-0185 or via e-mail at JBRUSH@IDEM.IN.GOV. If you have recently moved and this Notice has been forwarded to you, please notify us of your new address and if you wish to remain on the mailing list. Mail that is returned to IDEM by the Post Office with a forwarding address in a different county will be removed from our list unless otherwise requested.*

Enclosure
PN AAA Cover Letter 2/28/2020



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Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

AFFECTED STATE NOTIFICATION OF PUBLIC COMMENT PERIOD DRAFT INDIANA AIR PERMIT

October 8, 2020

A 30-day public comment period has been initiated for:

Permit Number: 777-43217-05512
Applicant Name: Blann & Son, LLC
Location: Farmersburg, Sullivan County, Indiana

The public notice, draft permit and technical support documents can be accessed via the **IDEM Air Permits Online** site at:

<http://www.in.gov/ai/appfiles/idem-caats/>

Questions or comments on this draft permit should be directed to the person identified in the public notice by telephone or in writing to:

Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
100 North Senate Avenue
Indianapolis, IN 46204

Questions or comments regarding this email notification or access to this information from the EPA Internet site can be directed to Chris Hammack at chammack@idem.IN.gov or (317) 233-2414.

Affected States Notification 1/9/2017

Mail Code 61-53

IDEM Staff	TAWEAVER October 8, 2020 Blann & Son LLC 777-43217-05512 (draft)		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		Blake Blann Blann & Son LLC 2267 S CR 5 E Sullivan IN 47882 (Source CAATS)										
2		Sullivan County Health Department 27 S Main Street Sullivan IN 47882-1516 (Health Department)										
3		Sullivan County Commissioners 100 Courthouse Square Sullivan IN 47882-1593 (Local Official)										
4		Sullivan County Public Library 100 S Crowder St Sullivan IN 47882-1750 (Library)										
5		Mr. Richard Monday 545 E. Margaret Dr. Terre Haute IN 47801 (Affected Party)										
6		Gary & Susan Holmes 168 E. County Road 110 N Farmersburg IN 47850-8205 (Affected Party)										
7		Mr. Mark Fitton Tribune-Star 222 S. 7th Street Terre Haute IN 47807 (Affected Party)										
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