



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

TO: Interested Parties / Applicant

DATE: April 21, 2010

RE: Bulldog Crushing / 123-29152-05337

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

## Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

Enclosures  
FNPER-AM.dot12/3/07



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Paul White  
Bulldog Crushing  
3576 W 116<sup>th</sup> Street  
Carmel, IN 46032

April 21, 2010

Re: 123-29152-05337  
Portable Source Relocation Letter for  
Source Specific Operating Agreement  
No. S163-28592-05337

Dear Mr. White:

Approval is hereby granted to operate the portable stone crushing operation described in Source Specific Operating Agreement No. S163-28592-05337 issued on November 30, 2009. This source is to be located at 12050 Optical Road, English, IN, in Perry County. This plant was previously located at 3300 S Green River Road, Evansville, IN 47715, in Vanderburgh County, and the site approval was issued on November 30, 2009.

Relocation of this plant must take place no later than 120 days after the issuance of this decision. This approval supersedes all previous site approval letters.

Advance written notice to the Office of Air Quality (OAQ), Compliance and Enforcement Branch, of start-up is required in order for the OAQ to perform an inspection. The notification 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

If the plant is not operating in compliance with all applicable regulations upon inspection, the plant must cease operation upon notification to you by OAQ staff of such non-compliance. Operations may only resume once remedial actions have been taken and approved by the OAQ.

## Source Definition

Bulldog Crushing plans to relocate to 12050 Optical Road, English, Indiana 47118. The Bulldog plant will crush recycled asphalt pavement (RAP) for the J. H. Rudolph asphalt plant (FESOP F123-28142-00025) for 4 to 6 weeks. After completion of the project, Bulldog Crushing will move to a new location. Bulldog Crushing typically does stone crushing for other companies.

IDEM, OAQ has examined whether these two plants are part of the same major source. The term "major source" is defined at 326 IAC 2-7-1(22). In order for the two plants to be considered one major source they must meet all three of the following criteria:

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

- (3) the plants must be located on contiguous or adjacent properties.

The plants have separate owners; therefore, common ownership of the plants does not exist. IDEM's nonrule policy document, NRPD 005, sets out two tests to determine if common control exists in situations where there is no common ownership:

- (1) The two-pronged test  
Determine if one source is an auxiliary activity
- (a) directly serving the purpose of another primary activity and,
  - (b) the owner or operator of the primary activity has a major role in the day-to-day operations of the auxiliary activity.
- (2) But/for test  
The auxiliary activity would not exist absent the needs of the primary activity. If all or a majority of the output of the auxiliary activity is consumed by the primary activity the but/for test is satisfied.

Since this is a temporary relocation, IDEM, OAQ has determined that neither test is met. All of Bulldog's output for the time it is at this location will be provided to Rudolph but this is far less than 50% of Bulldog's annual output. The short period of the RAP crushing work, as well as the fact that Bulldog does crushing for other companies, will not give Rudolph a major role in the operations of the Bulldog plant. Since there is no common ownership or common control, the first element of the definition is not met.

The SIC Code Manual of 1987 sets out how to determine the proper SIC Code for each type of industry. The principal product of each plant determines its SIC Code. Bulldog's principal product is crushed nonmetallic minerals. It has the two digit SIC Code of 14. The Rudolph asphalt plant has the two-digit SIC Code 29, for petroleum and related products. IDEM, OAQ finds that the two plants do not have the same two-digit SIC code.

A plant is considered a support facility if at least 50% of its output is dedicated to the other plant. Bulldog will crush RAP for 4 to 6 weeks for Rudolph, before relocating. This will be less than 50% of its annual output. The asphalt plant will not be sending any of its product or other output to the Bulldog plant. Neither plant qualifies as a support facility to the other plant. In addition, each plant will be able to operate independently from the other. Since the two plants do not have the same two-digit SIC Code and neither one provides at least 50% of its output to the other they do not meet the second element of the definition.

The two plants will be located next to each other on the same property; therefore, they meet the third element of the definition. However the two plants do not meet all three of the elements of the major source definition. Therefore IDEM, OAQ finds that the two plants are not part of the same major source.

A copy of the permit is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: [www.idem.in.gov](http://www.idem.in.gov)

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions concerning this relocation site approval, please contact (Pam K. Way), of my staff, at 317-234-4794 or 1-800-451-6027, and ask for extension 4-4794.

Sincerely,



Alfred C. Dumauval, Ph. D., Section Chief  
Permits Branch  
Office of Air Quality

ACD/pkw

Enclosures: Notice of Decision

cc: File - Perry County  
Perry County Health Department  
Compliance and Enforcement Branch  
Billing, Licensing and Training Section



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## SOURCE SPECIFIC OPERATING AGREEMENT OFFICE OF AIR QUALITY

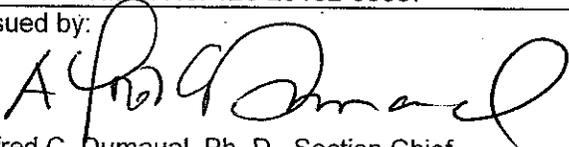
### Bulldog Crushing portable

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

This SSOA is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-9 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 SSOA, are those applicable at the time the SSOA was issued. The issuance or possession of this SSOA shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Source Specific Operating Agreement (SSOA) under 326 IAC 2-9.

Source Specific Operating Agreement No. 163-28592-05337	
Issued by: Alfred C. Dumauval, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: November 30, 2009

First Relocation No. 123-29152-05337	
Issued by:  Alfred C. Dumauval, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date:  April 21, 2010

## SECTION A

## SOURCE SUMMARY

This SSOA 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 pursuant to 326 IAC 2.

### A.1 General Information

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The Permittee owns and operates a portable crushed stone operation.

Initial Source Address:	3300 S. Green River Road, Evansville, Indiana 47715
Mailing Address:	3576 W. 116th Street, Carmel, Indiana 46032
General Source Phone Number:	(317) 902-6598
SIC Code:	1422
Initial County Location:	Vanderburgh County
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Source Specific Operating Agreement (SSOA) Not 1 of 28 Source Categories

### A.2 Source Summary

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This portable source consists of the following:

- (1) Crushed Stone Operation [326 IAC 2-9-8]

### A.3 SSOA Applicability [326 IAC 2-9-1]

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- (a) This source, otherwise required to have a permit under 326 IAC 2-5.1, 326 IAC 2-5.5, 326 IAC 2-6.1, 326 IAC 2-7, or 326 IAC 2-8, has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) for a Source Specific Operating Agreement (SSOA) under 326 IAC 2-9.
- (b) Pursuant to 326 IAC 2-9-1(g), the source may apply for up to four (4) different SSOAs contained in 326 IAC 2-9.

## SECTION B

## GENERAL CONDITIONS

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

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Terms in this SSOA 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 Enforceability

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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.3 Severability

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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.4 Property Rights or Exclusive Privilege

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

### B.5 Duty to Provide Information

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- (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. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). 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.6 Prior Permits Superseded [326 IAC 2-1.1-9.5]

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- (a) All terms and conditions of permits established prior to SSOA No. 163-28592-05337 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.7 Annual Notification [326 IAC 2-9-1(d)]

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Pursuant to 326 IAC 2-9-1(d):

- (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 SSOA.
- (b) The annual notice shall be submitted in the format attached no later than January 30 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, IN 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.8 Source Modification Requirement [326 IAC 2-9-1(e)]**

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Pursuant to 326 IAC 2-9-1(e), before the Permittee modifies its operations in such a way that it will no longer comply with the applicable restrictions and conditions of this SSOA, it shall obtain the appropriate approval from IDEM, OAQ under 326 IAC 2-2, 326 IAC 2-3, 326 IAC 2-4.1, 326 IAC 2-5.1, 326 IAC 2-6.1, 326 IAC 2-7, and 326 IAC 2-8.

**B.9 Inspection and Entry [326 IAC 2-5.1-3(e)(4)(B)] [IC 13-14-2-2] [IC 13-17-3-2] [IC 13-30-3-1]**

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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.10 Permit Revocation [326 IAC 2-1.1-9] [326 IAC 2-9-1(j)]**

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

- (1) Violation of any conditions of this permit.
- (2) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (3) Changes in regulatory requirements that mandate either a temporary or

Permit Reviewer: Sarah Conner, Ph. D.

permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.

- (4) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
  - (5) 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.
- (b) Pursuant to 326 IAC 2-9-1(j), noncompliance with any applicable provision 326 IAC 2-9 or any requirement contained in this SSOA may result in the revocation of this SSOA and make this source subject to the applicable requirements of a major source.

**SECTION C**

**SOURCE OPERATION CONDITIONS**

Entire Source

**Emission Limitations and Standards [326 IAC 2-9]**

**C.1 Fugitive Dust Emissions [326 IAC 6.8-10-3]**

Pursuant to 326 IAC 6.8-10-3 (formerly 326 IAC 6-1-11.1) (Lake County Fugitive Particulate Matter Control Requirements), the particulate matter emissions from source wide activities shall meet the following requirements, when located in Lake County:

- (a) The average instantaneous opacity of fugitive particulate emissions from a paved road shall not exceed ten percent (10%).
- (b) The average instantaneous opacity of fugitive particulate emissions from an unpaved road shall not exceed ten percent (10%).
- (c) The average instantaneous opacity of fugitive particulate emissions from batch transfer shall not exceed ten percent (10%).
- (d) The opacity of fugitive particulate emissions from continuous transfer of material onto and out of storage piles shall not exceed ten percent (10%) on a three (3) minute average.
- (e) The opacity of fugitive particulate emissions from storage piles shall not exceed ten percent (10%) on a six (6) minute average.
- (f) There shall be a zero (0) percent frequency of visible emission observations of a material during the inplant transportation of material by truck or rail at any time.
- (g) The opacity of fugitive particulate emissions from the inplant transportation of material by front end loaders and skip hoists shall not exceed ten percent (10%).
- (h) The PM10 stack emissions from a material processing facility shall not exceed twenty-two thousandths (0.022) grain per dry standard cubic foot and ten percent (10%) opacity.
- (i) The opacity of fugitive particulate emissions from a material processing facility, except crusher at which a capture system is not used, shall not exceed ten percent (10%).
- (j) The opacity of fugitive particulate emissions from a crusher at which a capture system is not used shall not exceed fifteen percent (15%).
- (k) There shall be a zero (0) percent frequency of visible emission observations from a building enclosing all or part of the material processing equipment, except from a vent in the building.
- (l) The PM10 emissions from a material processing facility building vents shall not exceed twenty-two thousandths (0.022) grains per dry standard cubic foot and ten percent (10%) opacity.
- (m) The opacity of particulate emissions from dust handling equipment shall not exceed ten percent (10%).

- (n) Any facility or operation not specified in 326 IAC 6.8-10-3 shall meet a twenty percent (20%), three (3) minute average opacity standard.

The Permittee shall achieve these limits by controlling fugitive particulate matter emissions according to the Fugitive Dust Control Plan, included as Attachment A.

### **Compliance Requirements [326 IAC 2-1.1-11] [326 IAC 2-9]**

#### **C.2 Compliance with Applicable Requirements [326 IAC 2-9-1(i)]**

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Pursuant to 326 IAC 2-9-1(i), the owner or operator is hereby notified that this operating agreement does not relieve the Permittee of the responsibility to comply with the provisions of any applicable federal, state, or local rules, or any New Source Performance Standards (NSPS), 40 CFR Part 60, or National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61 or 40 CFR Part 63.

### **Record Keeping and Reporting Requirements [326 IAC 2-9]**

#### **C.3 General Record Keeping Requirements [326 IAC 2-9-1(f)]**

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Pursuant to 326 IAC 2-9-1(f), records of all required monitoring data, reports and support information required by this SSOA shall be physically present or electronically accessible at the source location for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

#### **C.4 Reporting Requirements [326 IAC 2-9-1(h)]**

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Pursuant to 326 IAC 2-9-1(h), any exceedance of any requirement contained in this operating agreement shall be reported, in writing, within one (1) week of its occurrence. Said report shall include information on the actions taken to correct the exceedance, including measures to reduce emissions, in order to comply with the established limits. If an exceedance is the result of a malfunction, then the provisions of 326 IAC 1-6 apply.

### **Portable Source Requirements**

#### **C.5 Relocation of Portable Sources [326 IAC 2-14-4]**

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- (a) This permit is approved for operation in all areas of Indiana. This determination is based on the requirements of Prevention of Significant Deterioration in 326 IAC 2-2 and Emission Offset in 326 IAC 2-3.
- (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.

The notification by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) A "Relocation Site Approval" letter shall be obtained prior to relocating.

(d) A valid operation agreement consists of this document and any subsequent "Relocation Site Approval" letter specifying the current location of the portable plant.

## SECTION D

## OPERATION CONDITIONS

Operation Description: Crushed Stone Operation [326 IAC 2-9-8]

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

### Emission Limitations and Standards [326 IAC 2-9]

#### D.1 Crushed Stone Operation Limitations [326 IAC 2-9-8(b)(1)]

Pursuant to 326 IAC 2-9-8(b)(1):

- (a) The crushed stone operation shall have no more than four (4) crushers, seven (7) screens, and one (1) conveying operation.
- (b) The crushed stone operation annual throughput shall be less than four hundred thousand (400,000) tons per year.

#### D.2 Opacity [326 IAC 2-9-8(b)(4)(E)]

Pursuant to 326 IAC 2-9-8(b)(4)(E):

- (a) The visible emissions from the screening and conveying operation shall not exceed an average of ten percent (10%) opacity in twenty-four (24) consecutive readings in a six (6) minute period.
- (b) The visible emissions from the crushing operation shall not exceed an average of fifteen percent (15%) opacity in twenty-four (24) consecutive readings in a six (6) minute period.

#### D.3 Fugitive Emissions [326 IAC 2-9-8(b)(4)(F)] [326 IAC 2-9-8(b)(4)(G)]

(a) Pursuant to 326 IAC 2-9-8(b)(4)(F), the fugitive particulate matter (PM) emissions of this source shall be controlled by applying water on all storage piles and unpaved roadways on an as needed basis, such that the following visible emission conditions are met:

- (1) The visible emissions from any storage pile shall not exceed twenty percent (20%) in twenty-four (24) consecutive readings in a six (6) minute period. This limitation shall not apply during periods when application of control measures are ineffective or unreasonable due to sustained high wind speeds. The opacity shall be determined using 40 CFR 60, Appendix A, Method 9, except that the opacity shall be observed at approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.
- (2) The visible emissions from unpaved roadways shall not exceed an average instantaneous opacity of twenty percent (20%). Average instantaneous opacity shall be the average of twelve (12) instantaneous opacity readings, taken for four (4) vehicle passes, consisting of three (3) opacity readings for each vehicle pass. The three (3) opacity readings for each vehicle pass shall be taken as follows:
  - (A) The first reading shall be taken at the time of emission generation.
  - (B) The second reading shall be taken five (5) seconds after the first.

- (C) The third reading shall be taken five (5) seconds after the second reading, or ten (10) seconds after the first reading.

The three (3) readings shall be taken approximately four (4) feet from the surface at the point of maximum opacity. The observer shall stand at least fifteen (15) feet, but no more than one-fourth (1/4) mile, from the plume and at approximately right angles to the plume.

- (b) Pursuant to 326 IAC 2-9-8(b)(4)(G), the fugitive particulate emissions at the crushed stone operation shall not escape beyond the property lines or boundaries of the source property, right of way, or easement on which the source is located pursuant to 326 IAC 6-4.

#### **Compliance Determination Requirements [326 IAC 2-9]**

D.4 Particulate [326 IAC 2-9-8(b)(4)(C)] [326 IAC 2-9-8(b)(4)(D)]

Pursuant to 326 IAC 2-9-8(b)(4)(C) and 326 IAC 2-9-8(b)(4)(D), the owner or operator shall comply with the following:

- (a) The crushing, screening and conveying operations shall be equipped with dust collectors, unless a wet process or continuous wet suppression system is used to comply with Condition D.3.
- (b) All equipment that generate particulate matter (PM) emissions and any associated control devices shall be operated and maintained at all times of plant operation, in such a manner, as to meet all of the requirements of Conditions D.2 and D.3.

D.5 Methods [326 IAC 2-9-8(b)(4)(E)]

Pursuant to 326 IAC 2-9-8(b)(4)(E), compliance with Condition D.2 shall be determined by 40 CFR 60, Appendix A, Method 9.

#### **Record Keeping and Reporting Requirements [326 IAC 2-9]**

D.6 Record Keeping Requirements [326 IAC 2-9-8(b)(4)(A)]

Pursuant to 326 IAC 2-9-8(b)(4)(A), the source shall maintain annual throughput records of the crushed stone operation at the site on a calendar year basis. All records shall be maintained in accordance with Section C - General Record Keeping Requirements.

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

**SOURCE SPECIFIC OPERATING AGREEMENT (SSOA)  
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-9.

<b>Company Name:</b>	Bulldog Crushing
<b>Initial Address:</b>	3300 S. Green River Road
<b>Initial City:</b>	Evansville, Indiana 47715
<b>Phone #:</b>	(317) 902-6598
<b>SSOA #:</b>	163-28592-05337

I hereby certify that Bulldog Crushing is:

still in operation.

I hereby certify that Bulldog Crushing is:

no longer in operation.

in compliance with the requirements  
of SSOA 163-28592-05337.

not in compliance with the requirements  
of SSOA 163-28592-05337.

<b>Authorized Individual (typed):</b>
<b>Title:</b>
<b>Signature:</b>
<b>Date:</b>

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.

<b>Noncompliance:</b>

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY**

**PORTABLE SOURCE RELOCATION NOTIFICATION  
CERTIFICATION**

Source Name: Bulldog Crushing  
Initial Source Address: 3300 S. Green River Road, Evansville, Indiana  
Mailing Address: 3576 W. 116th Street, Carmel, Indiana 46032  
SSOA No.: 163-28592-05337

This certification shall be included when submitting a portable source relocation notification as required by this SSOA.

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

**Attachment A:  
Fugitive Dust Control Plan  
Bulldog Crushing  
portable**

**1. Source Information:**

Name of Source: Bulldog Crushing  
 Source Address: 12050 Optical Road, English, Indiana 47118  
 Source Contact Person and Title: Paul White, Owner  
 Source Mailing Address: 3576 W. 116<sup>th</sup> Street, Carmel, Indiana 46032  
 Source Contact Telephone Number: (317) 902-6598

**2. Description of Processes, Operations, and Areas that Potentially Emit Fugitive Dust:**

Process, Operation, or Area	Equipment Used
Paved Roads, Unpaved Roads, and Parking Lots	Front end loader
Material Storage Piles	Raw material pile and one or more stock piles
Material Transfer to and from Storage Piles	Front end loader
Loading and Unloading to and from Front end loader	Front end loader
Crushing, Grinding, Screening, Mixing, Conveying, and Transfer of Materials	Crusher, screening plant, conveyors

**3. Type of Vehicles and Average Daily Traffic on Site Roads: None**

**4. Type, Quantity, and Characteristics of Material Storage Piles:**

Material	Maximum Throughput (tons/hour)	Maximum Pile Size (acres)	Silt Content (wt %)	Moisture Content (wt %)
Stockpiles – Crushed Stone	Crusher capacity of 150 tons/hr	1/4 acres each	1-5%	5-10%
Raw Material Pile- Crushed Stone	Crusher capacity of 150 tons/hr	1/2 acres each	1-5%	5-10%

**5. Fugitive Dust Control Measures:**

- (a) Fugitive particulate matter (dust) emissions from paved roads, unpaved roads, and parking lots shall be controlled by one or more of the following measures on an as needed basis:
  - (1) Paved roads and parking lots:
    - (A) cleaning by vacuum sweeping on an as needed basis;
    - (B) flushing on an as needed basis; and/or
    - (C) power brooming while wet either from rain or application of water on an as needed basis.
  - (2) Unpaved roads and parking lots:
    - (A) paving with asphalt or concrete;
    - (B) treating with emulsified asphalt (or other suitable and effective oil or chemical dust suppressant approved by IDEM OAQ) on an as needed basis;
    - (B) treating with water on an as needed basis; and/or
    - (C) double chipping, sealing, and maintaining the road surface on an as needed basis.

- (b) Fugitive particulate matter (dust) emissions from material (gravel, sand, slag, limestone, and/or recycled asphalt pavement (RAP)) storage piles shall be controlled by one or more of the following measures on an as needed basis:
  - (1) maintaining minimum size and number of storage piles;
  - (2) cleaning around the storage pile area on an as needed basis;
  - (3) treating around the storage pile area with emulsified asphalt on an as needed basis;
  - (4) treating around the storage pile area with water on an as needed basis; and/or
  - (5) treating the storage piles with water on an as needed basis.
  
- (c) Fugitive particulate matter (dust) emissions from the transferring of materials (gravel, sand, slag, limestone, and/or recycled asphalt pavement (RAP)) to and from storage piles shall be controlled by one of the following measures on an as needed basis:
  - (1) minimizing the vehicular distance between transfer points;
  - (2) reducing free fall distance of transfer points;
  - (3) enclosing the transfer points and if needed exhausting emissions to particulate control equipment during transferring operations; and/or
  - (4) applying water to the materials on an as needed basis.
  
- (d) Fugitive particulate matter (dust) emissions from transporting of materials (gravel, sand, slag, limestone, and/or recycled asphalt pavement (RAP)) by truck, front end loaders, or similar material hauling vehicles shall be controlled by one of the following measures on an as needed basis:
  - (1) minimizing the vehicular distance between transfer points;
  - (2) using completely enclosed vehicles;
  - (3) tarping the vehicles;
  - (4) maintaining vehicle bodies in a condition to prevent leakage (e.g., insuring tailgates are tight and do not leak);
  - (5) applying water to the materials on an as needed basis; and/or
  - (6) maintaining a 10 MPH speed limit in the yard.
  
- (e) Fugitive particulate matter (dust) emissions from the loading and unloading of materials (gravel, sand, slag, limestone, and/or recycled asphalt pavement (RAP)) to and from feed bins, hoppers, silos, and material hauling vehicles shall be controlled by one of the following measures on an as needed basis:
  - (1) enclosing the loading/unloading area and if needed exhausting emissions to particulate control equipment during loading/unloading operations;
  - (2) reducing free fall distance;
  - (3) reducing the rate of discharge of the materials; and/or
  - (4) applying water to the materials on an as needed basis.
  
- (f) Fugitive particulate matter (dust) emissions from material (gravel, sand, slag, limestone, and/or recycled asphalt pavement (RAP)) crushing, grinding, screening, mixing, conveying, and transfer shall be controlled by the following measure on an as needed basis:
  - (1) reducing free fall distance of transfer points;
  - (2) enclosing the emission source with venting of particulate emissions to a fabric filter; and/or
  - (3) applying water to the materials on an as needed basis.

## 6. Schedule of Compliance:

This plan will be fully implemented upon startup of operations and adherence to the plan will continue until revisions to the plan have been submitted to IDEM, OAQ.

## 7. Monitoring and Record Keeping:

- (a) For each application of water or chemical solution to roadways, the following shall be recorded:
  - (1) The name and location of the roadway controlled.
  - (2) Application rate.
  - (3) The time of each application.
  - (4) The width of each application.
  - (5) The identification of each method of application.
  - (6) The total quantity of water or chemical used for each application.
  - (7) For each application of chemical solution, the concentration and identity of the chemical.
  - (8) The material data safety sheets for each chemical.
  
- (b) For application of physical or chemical control agents not covered by clause (B), the following:
  - (1) The name of the agent.
  - (2) The location of application.
  - (3) The application rate.
  - (4) The total quantity of agent used.
  - (5) If diluted, the percent of concentration.
  - (6) The material data safety sheets for each chemical.
  
- (c) A log recording incidents when control measures were not used and a statement of explanation.
  
- (d) Copies of all records required by this rule shall be submitted to the department within twenty (20) working days of a written request by the department.
  
- (e) The records required under this subdivision shall be:
  - (1) kept and maintained for at least three (3) years; and
  - (2) available for inspection and copying by department representatives during working hours.
  
- (f) A quarterly report shall be submitted to the department stating the following:
  - (1) The dates any required control measures were not implemented.
  - (2) A listing of those control measures.
  - (3) The reasons that the control measures were not implemented.
  - (4) Any corrective action taken.

## 8. Map of Source Portable:

Site map for Indiana location will be kept on file as required by 326 IAC 6. IDEM, OAQ received a map of the source address for Bulldog Crushing at 12050 Optical Road, English, Indiana 47118 on April 9, 2010.



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
**Governor**

*Thomas W. Easterly*  
**Commissioner**

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Indianapolis, Indiana 46204  
(317) 232-8603  
Toll Free (800) 451-6027  
[www.idem.IN.gov](http://www.idem.IN.gov)

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

TO: Paul White  
Bulldog Crushing  
3576 W 116th  
Carmel, IN 46032

DATE: April 21, 2010

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

SUBJECT: Final Decision  
Relocation  
123-29152-05337

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

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

A copy of the final decision and supporting materials has also been sent via standard mail to:  
Paul Debenetzky (Keramida Environmental, Inc)  
OAQ Permits Branch Interested Parties List

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

Final Applicant Cover letter.dot 11/30/07

# Mail Code 61-53

IDEM Staff	MIDENNEY 4/21/2010 Bulldog Crushing 123-29152-05337 (final)		Type of Mail:  <b>CERTIFICATE OF MAILING ONLY</b>	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		Paul White Bulldog Crushing 3576 W 116th Carmel IN 46032 (Source CAATS) via confirmed delivery										
2		Perry County Health Department Perry County Health Department Courthouse Annex Cannelton IN 47520-1251 (Health Department)										
3		English Town Council and Town Manager PO Box 258 English IN 47118 (Local Official)										
4		Mr. Randy Brown Plumbers & Steam Fitters Union, Local 136 2300 St. Joe Industrial Park Dr Evansville IN 47720 (Affected Party)										
5		Mr. Ron Hendrich Schwab Corporation 4630 E St Rd 66 Cannelton IN 47520 (Affected Party)										
6		Perry County Commissioners Court House, 2219 Payne Street Tell City IN 47586 (Local Official)										
7		Mr. Paul Dubenetzky Keramida Environmental, Inc. 401 N College Avenue Indianapolis IN 46202 (Consultant)										
8		Mr. John Blair 800 Adams Ave Evansville IN 47713 (Affected Party)										
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Total number of pieces Listed by Sender <b>7</b>	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See <b>Domestic Mail Manual R900, S913, and S921</b> for limitations of coverage on inured and COD mail. See <b>International Mail Manual</b> for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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