



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant
DATE: December 15, 2006
RE: Vulcan Construction Materials, LP / 091-23797-00108
FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

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

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

Enclosures
FNPER.dot 03/23/06



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

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Mr. Kevin Cox
Vulcan Materials Company
747 E. 22nd Street, Suite 200
Lombard, Illinois 60148

December 15, 2006

Re: 091-23797-00108
First Administrative Amendment to
Source Specific Operation Status
S 091-8085-00108

Dear Mr. Cox:

An application for a Source Specific Operation Status was received on January 15, 1997 from Hanna Sand and Gravel and was reviewed. Based on the data submitted and the provisions in 326 IAC 2, it was determined that the emission source, a stationary crushed stone processing plant located at 14532 S. State Road 39, Hanna, Indiana 46340, met the criteria required for a Source Specific Operating Agreement. On October 23, 2006 an application was received from Vulcan Materials Company to transfer ownership and change the operating name to Vulcan Construction Materials, LP – Hanna Sand and Gravel #475.

Pursuant to IC 4-21.5-3-5(a) and (b), approval of this Source Specific Operating Agreement shall not be effective until fifteen (15) days from the date of this letter.

The facilities and processes of this source are hereby granted the Source Specific Operating Agreement provided that the following requirements of 326 IAC 2-9 are satisfied:

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

1. The particulate matter (PM) emissions from the source do not exceed twenty-five (25) tons per year, excluding fugitive emissions.
2. The crushed stone operation annual throughput shall be less than one million (1,000,000) tons per year.
3. The crushed stone operation shall have no more than six (6) crushers, thirteen (13) screens, and one (1) conveying operation.
4. The source shall keep annual throughput records of the crushed stone operation at the site on a calendar year basis. These records shall be maintained for a minimum period of five (5) years, and made available upon request of the Office of Air Quality (OAQ).
5. The crushing, screening and conveying operations shall be equipped with dust collectors, unless a wet or continuous wet suppression system is used to comply with conditions 7 and 8.
6. 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 this Source Specific Operating Agreement.

7. 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. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
8. 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. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
9. 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:
 - (a) 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.
 - (b) 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:
 - (i) The first reading shall be taken at the time of emission generation.
 - (ii) The second reading shall be taken five (5) seconds after the first.
 - (iii) 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.

10. 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.

Section B: General Requirements: [326 IAC 2-9-1]

1. The source shall provide an annual notice to the commissioner, stating that the source is in operation, and certifying that its operations are in compliance with the requirements of this Source Specific Operating Agreement. The above annual notice shall be submitted to:

Compliance Data Section
Office of Air Quality
100 North Senate Avenue
Indianapolis, IN 46204-2251

no later than January 30 of each year, with the annual notice being submitted in the format attached.

2. 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.
3. 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.

Any change or modification which will alter operations in such a way that it will no longer comply with the applicable restrictions and conditions of this operating agreement, must obtain the appropriate approval from the Office of Air Quality (OAQ) under 326 IAC 2-5.1, 326 IAC 2-5.5, 326 IAC 2-6.1, 326 IAC 2-2, 326 IAC 2-3, 326 IAC 2-7, and 326 IAC 2-8, before such change may occur.

Sincerely,

Original signed by

Matthew W. Stuckey, Section Chief
Permits Branch
Office of Air Quality

MS/gkf

cc: File - LaPorte County
LaPorte County Health Department
Air Compliance Section - Letty Zepeda
Permit Review Section 1 – Gary Freeman
Billing, Licensing and Training Section
IDEM Northwest Regional Office

<h2>Source Specific Operating Agreement Annual Notification</h2>
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This form should be used to comply with the notification requirements under 326 IAC 2-9.

Company Name:	Vulcan Construction Materials, LP – Hanna Sand and Gravel #475
Address:	14532 S. State Road 39
City:	Hanna, Indiana 46340
Contact Person:	Mr. Kevin Cox
Phone #:	(219)-797-2425
SSOA #:	S 091-8085-00108

I hereby certify that Vulcan Construction Materials, LP – Hanna Sand and Gravel #475 is still in operation and is in compliance with the requirements of Source Specific Operating Agreement (SSOA) S 091-8085-00108

Name (typed):
Title:
Signature:
Date:



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Vulcan Materials Company
747 E. 22nd Street, Suite 200
Lombard, Illinois 60148

December 15, 2006

Re: 091-23797-00108
First Administrative Amendment to
Source Specific Operation Status
S 091-8085-00108

Dear Mr. Cox:

An application for a Source Specific Operation Status was received on January 15, 1997 from Hanna Sand and Gravel and was reviewed. Based on the data submitted and the provisions in 326 IAC 2, it was determined that the emission source, a stationary crushed stone processing plant located at 14532 S. State Road 39, Hanna, Indiana 46340, met the criteria required for a Source Specific Operating Agreement. On October 23, 2006 an application was received from Vulcan Materials Company to transfer ownership and change the operating name to Vulcan Construction Materials, LP – Hanna Sand and Gravel #475. The following changes were made to the Source Specific Operating Agreement No. 091-085-00108:

1. The facility located at 14532 S. State Road 39, Hanna, Indiana 46340 was purchased by Vulcan Materials Company from Mr. Bill Critser, owner of Hanna Sand and Gravel, effective August 2005. The facility will now operate under the name of Vulcan Construction Materials, LP – Hanna Sand and Gravel #475.
2. The Authorized Individual has also change from Mr. Bill Critser, Hanna Sand and Gravel to Kelly Van Kovering, Environmental Manager Vulcan Materials Company. This position meets the requirements of 326 IAC 2-1.1-1(1) as an authorized individual.
3. Some language that has changed since the initial SSOA was issued was updated. The updated language does not affect the operating, reporting or testing by the source.
4. Pursuant to IC 4-21.5-3-5(a) and (b), approval of this Source Specific Operating Agreement shall not be effective until fifteen (15) days from the date of this letter.

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

1. ~~That~~ The particulate matter (PM) emissions from the source do not exceed twenty-five (25) tons per year, excluding fugitive emissions.
2. ~~That~~ The crushed stone operation annual throughput shall be less than one million (1,000,000) tons per year.
3. ~~That~~ The crushed stone operation shall have no more than six (6) crushers, thirteen (13) screens, and one (1) conveying operation.

4. ~~That the owner or operator~~ The source shall keep annual throughput records of the crushed stone operation at the site on a calendar year basis. These records shall be maintained for a minimum period of five (5) years, and made available upon request of the ~~Office of Air Management (OAM)~~ **Office of Air Quality (OAQ)**.
5. ~~That~~ The crushing, screening and conveying operations shall be equipped with dust collectors, unless a wet or continuous wet suppression system is used to comply with conditions 7 and 8.
6. ~~That~~ 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 this Source Specific Operating Agreement.
7. ~~That~~ 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. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
8. ~~That~~ 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. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9.
9. ~~That~~ 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:
 - (a) 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.
 - (b) 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:
 - (i) The first reading shall be taken at the time of emission generation.
 - (ii) The second reading shall be taken five (5) seconds after the first.
 - (iii) 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 ~~at the point of maximum opacity~~ **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. ~~Each reading shall be taken approximately four (4) feet above the surface of the unpaved roadway.~~

10. **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.**

Section B: General Requirements: [326 IAC 2-9-1]

- ~~40~~ 1. The source shall provide an annual notice to the commissioner, stating that the source is in operation, and certifying that its operations are in compliance with the requirements of this Source Specific Operating Agreement. ~~The above annual notice~~ **This report** shall be submitted to:

Compliance Data Section
~~Office of Air Management~~
Office of Air Quality
100 North Senate Avenue
~~P.O. Box 6015~~
Indianapolis, IN ~~46206-6015~~ **46204-2251**

no later than January 30 of each year, with the annual notice being submitted in the format attached.

- ~~11-2.~~ ~~That~~ 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.**

- ~~12- 3.~~ Pursuant to 326 IAC 2-9-1(i), the owner or operator of the facilities and processes of this source shall comply with all applicable Indiana Administrative Code 326 State Rules **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.**

Any change or modification which will alter operations in such a way that it will no longer comply with the applicable restrictions and conditions of this operating agreement, must obtain the appropriate approval from the ~~Office of Air Management (OAM)~~ **Office of Air Quality (OAQ)** under ~~326 IAC 2-4, 326 IAC 2-2, 326 IAC 2-3,~~ **326 IAC 2-5.1, 326 IAC 2-5.5, 326 IAC 2-6.1, 326 IAC 2-7, and 326 IAC 2-8,** before such change may occur.

As a convenience, a copy of the revised Source Specific Operating Agreement has been provided.

Sincerely,

Original signed by

Matthew W. Stuckey, Section Chief
Permits Branch
Office of Air Quality

MS/gkf

cc: File - LaPorte County
LaPorte County Health Department
Air Compliance Section - Letty Zepeda
Permit Review Section 1 – Gary Freeman
Billing, Licensing and Training Section
IDEM Northwest Regional Office

<h2>Source Specific Operating Agreement Annual Notification</h2>
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This form should be used to comply with the notification requirements under 326 IAC 2-9.

Company Name:	Hanna Sand and Gravel Vulcan Construction Materials, LP – Hanna Sand and Gravel #475
Address:	14532 S. State Road 39
City:	Hanna, Indiana 46340
Contact Person:	Mr. Kevin Cox
Phone #:	(219)-797-2425
Agreement #:	
SSOA #:	S 091-8085-00108

I hereby certify that ~~the source identified above~~ **Vulcan Construction Materials, LP – Hanna Sand and Gravel #475** is still in operation and is in compliance with the requirements of ~~the above mentioned~~ Source Specific Operating Agreement (**SSOA**) **S 091-8085-00108**

Name (typed):
Title:
Signature:
Date: