



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: June 20, 2006  
RE: Vulcan Construction Materials / 089-23148-00402  
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



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Mr. Sean Owens  
Vulcan Materials Company  
747 E. 22<sup>nd</sup> Street, Suite 200  
Lombard, IL 60148

June 20, 2006

Re: **089-23148-00402**  
Transfer of Ownership, Name Change  
and Increase in Capacity  
First Administrative Amendment to  
Source Specific Operation Status  
089-14869-00402

Dear Mr. Owens:

On May 30, 2006, the Office of Air Quality received a request from Vulcan Materials Company to transfer ownership of Northern Indiana Materials Company - Lowell Quarry located at 9331 West 205th Avenue, Lowell, Indiana, to Vulcan Construction Materials, LP – Lowell Quarry #343 at the same location. The SSOA permit for the crushed stone operation was issued on November 8, 2001.

This administrative amendment acknowledges the transfer of the above mentioned Source Specific Operating Agreement (SSOA) from Northern Indiana Materials Company - Lowell Quarry, Inc., to Vulcan Construction Materials, LP – Lowell Quarry #343 at the same location.

Vulcan Materials Company also submitted an application requesting an increase in operational capacity. Under previous ownership this source was issued a Source Specific Operating Agreement (S089-8083) on January 14, 1998, that provided for the operation of a crushed stone plant with an annual throughput of one million (1,000,000) tons per year consisting of no more than six (6) crushers, thirteen (13) screens, and one (1) conveying operation. The current Source Specific Operation Agreement (S 089-14869) superseded (S089-8083) allowing operation of the crushed stone plant with an annual throughput of one million seven hundred thousand (1,700,000) tons per year consisting of no more than nine (9) crushers, seventeen (17) screens, and one (1) conveying operation. Since purchasing the operation, Vulcan Materials has not added more equipment but intends to increase throughput. To increase the operational capacity under 326 IAC 2-9-8 limiting the throughput to less than 3,000,000 tons per year the following conditions in the SSOA are amended:

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

1. The crushed stone operation shall have no more than ~~nine (9)~~ **twelve (12)** crushers, ~~seventeen (17)~~ **twenty-four (24)** screens, and one (1) conveying operation.

2. The crushed stone operation annual throughput shall be less than ~~one million seven hundred thousand (1,700,000)~~ **three million (3,000,000)** tons per year.

Pursuant to the provisions of 326 IAC 2-9 the permit is hereby administratively amended. All other conditions of the permit shall remain unchanged and in effect. Please find a copy of the entire SSOA permit with the revisions.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Janet Mobley at 317-232-8369 or at 1-800-451-6027 extension 2-8369.

Sincerely,

Original signed by  
Kathy Moore, Section Chief  
Permits Branch  
Office of Air Quality

KM/jm

cc: File – Lake County  
Lake County Health Department  
Air Compliance Section Inspector – Ramesh Tejuja  
IDEM Northwest Regional Office  
Compliance Data Section  
Permit Review Section II- Janet Mobley



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

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Vulcan Materials Company  
747 E. 22<sup>nd</sup> Street, Suite 200  
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June 20, 2006

Re: **089-23148-00402**  
Transfer of Ownership, Name Change  
and Increase in Capacity  
First Administrative Amendment to  
Source Specific Operation Status  
089-14869-00402

Dear Mr. Owens:

The following is a revision of the Source Specific Operating Agreement (SSOA) acknowledging the transfer of the above mentioned SSOA from Northern Indiana Materials Company - Lowell Quarry to Vulcan Construction Materials, LP – Lowell Quarry #343, and an increase in the operational capacity.

Your application for Source Specific Operation Status was received on August 29, 2001 and has been reviewed. Based on the data submitted in this August 29, 2001 application and the provisions in 326 IAC 2, it has been determined that your emission source, a crushed stone processing plant located at 9331 West 205<sup>th</sup> Avenue, Lowell, Indiana 46356, has met the criteria required to obtain a Source Specific Operating Agreement.

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 crushed stone operation shall have no more than twelve (12) crushers, twenty-four (24) screens, and one (1) conveying operation.
2. The crushed stone operation annual throughput shall be less than three million (3,000,000) tons per year.
3. 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).
4. 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 6 and 7.



5. 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.
6. 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.
7. 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.
8. 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.
9. 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**

Lowell, Indiana

Amendment by: Janet Mobley

S089-14869-00402

Reviewer Name: Walter Habeeb

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 and Part 63.

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  
Kathy Moore, Section Chief  
Permits Branch  
Office of Air Quality

KM/jm

cc: File - Lake County

Lake County Health Department  
Air Compliance Section - Ramesh Tejuja  
IDEM Northwest Regional Office  
Compliance Data Section  
Permit Review Section II – Janet Mobley

## Source Specific Operating Agreement Annual Notification

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

|                        |   |
|------------------------|---|
| <b>Company Name:</b>   | <b>Vulcan Construction Materials, LP – Lowell Quarry #343</b> |
| <b>Address:</b>        | <b>9331 West 205<sup>th</sup> Avenue</b>                      |
| <b>City:</b>           | <b>Lowell, Indiana 46356</b>                                  |
| <b>Contact Person:</b> | <b>Sean Owens</b>   |
| <b>Phone #:</b>        | <b>219-696-5467</b>   |
| <b>SSOA #:</b>         | <b>S 089-14869-00402</b>                                      |

I hereby certify that Vulcan Construction Materials, LP – Lowell Quarry #343 is still in operation and is in compliance with the requirements of Source Specific Operating Agreement (SSOA) S 089-14869-00402.

|                      |
|----------------------|
| <b>Name (typed):</b> |
| <b>Title:</b>        |
| <b>Signature:</b>    |
| <b>Date:</b>         |