



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: May 5, 2006
RE: ADM Grain Company / 147-22412-00055
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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Governor

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Indianapolis, Indiana 46204-2251
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Kristin D. Reynolds
ADM Grain Company
1001 North Brush College Road
Decatur, IL 62521

May 5, 2006

Re: 147-22412-00055
First Significant Permit Revision to
MSOP 147-20450-00055

Dear Ms. Reynolds:

ADM Grain Company was issued a minor source operating permit on June 30, 2005 for a stationary grain elevator located at 609 North State Road 66, Rockport, Indiana 47635. A letter requesting a revision to this permit was received on December 19, 2005. Pursuant to the provisions of 326 IAC 2-6.1-6 a significant permit revision to this permit is hereby approved as described in the attached Technical Support Document.

This revision consists of the addition of one (1) natural gas fired grain dryer, identified as EP-7, constructed in 2006, capacity: 20,000,000 bushels or 600,000 tons per year, rated at: 41.6 million British thermal units per hour.

The following construction conditions are applicable to the proposed project:

1. The data and information supplied with the application shall be considered part of this permit revision approval. Prior to any proposed change in construction which may affect the potential to emit (PTE) of the proposed project, the change must be approved by the Office of Air Quality (OAQ).
2. This approval to construct does not relieve the permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.
3. Pursuant to IC 13-15-5-3, this approval to construct becomes effective upon its issuance.
4. Pursuant to 326 IAC 2-1.1-9 (Revocation), the Commissioner may revoke this approval 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.
5. All requirements and conditions of this construction approval shall remain in effect unless modified in a manner consistent with procedures established pursuant to 326 IAC 2.

Pursuant to 326 IAC 2-6.1-6, the minor source operating permit shall be revised by incorporating the significant permit revision into the permit. All other conditions of the permit shall remain unchanged and in effect. For your convenience, the entire MSOP, with all revisions made to it, is being provided.

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 Craig J. Friederich, c/o OAQ, 100 North Senate Avenue, Indianapolis, Indiana, 46204-2251, at 631-691-3395, ext. 19 or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Original signed by
Paul Dubenetzky, Assistant Commissioner
Office of Air Quality

CJF:MES

Attachments

cc: File – Spencer County
U.S. EPA, Region V
Spencer County Health Department
Southwest Regional Office
Air Compliance Section Inspector – Derrick Ohning
Compliance Branch - Lynetta Brown-Glover
Administrative and Development
Technical Support and Modeling - Michele Boner



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NEW SOURCE CONSTRUCTION and MINOR SOURCE OPERATING PERMIT OFFICE OF AIR QUALITY

**ADM Grain Company
609 N. State Road 66
Rockport, Indiana 47635**

(herein known as the Permittee) is hereby authorized to construct and operate subject to the conditions contained herein, the emission units 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 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Operation Permit No.: MSOP 147-20450-00055	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: June 30, 2005 Expiration Date: June 30, 2010

First Notice Only Change 147-21755-00055, issued September 26, 2005.

First Significant Permit Revision 147-22412-00055	Sections Revised: A.2, D.1.1 Conditions Revised B.9,C.10, D.1.4
Issued by: Original signed by Nisha Sizemore, Branch Chief Office of Air Quality	Issuance Date: May 5, 2006 Expiration Date: June 30, 2010

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SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in Conditions A.1 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 stationary country grain elevator.

Authorized Individual:	V.P. U.S. Grain Operations and Engineering
Source Address:	609 N. State Road 66, Rockport, IN 47635
Mailing Address:	1001 North Brush College Road, Decatur, IL 62521
General Source Phone:	812-649-9311
SIC Code:	5153
County Location:	Spencer
Source Location Status:	Nonattainment area for PM _{2.5} Attainment area for all other criteria pollutants
Source Status:	Minor Source Operating Permit Minor Source, under PSD Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emissions Units and Pollution Control Equipment Summary

This stationary source is approved to construct and operate the following emissions units and pollution control devices:

- (a) One (1) truck receiving operation, identified as EP-1, constructed in December 2002, equipped with baffles for particulate control, capacity: 20,000,000 bushels or 600,000 tons per year, consisting of the following equipment:
 - (1) One (1) receiving pit, identified as Dump #1, constructed in December 2002, capacity: 18,000 bushels per hour.
 - (2) One (1) receiving pit, identified as Dump #2, constructed in December 2002, capacity: 25,000 bushels per hour.
 - (3) One (1) receiving pit, identified as Dump #3, constructed in December 2002, capacity: 25,000 bushels per hour.
 - (4) One (1) receiving pit, identified as receiving pit #2, to be constructed in 2005, equipped with baffles for particulate control, capacity: 18,000 bushels per hour.
- (b) One (1) internal handling operation, identified as EP-2, constructed in December 2002, equipped with enclosures for particulate control, capacity: 20,000,000 bushels or 600,000 tons per year, consisting of the following equipment:
 - (1) One (1) drag conveyor, identified as Dump #1 Drag Conveyor, constructed in December 2002, capacity: 18,000 bushels per hour.
 - (2) One (1) receiving leg, identified as Receiving Leg #1, constructed in December 2002, capacity: 18,000 bushels per hour.

- (3) One (1) bin 10 reclaim conveyor, identified as Bin 10 Reclaim Conveyor, constructed in December 2002, capacity: 20,000 bushels per hour.
 - (4) One (1) bin 20 reclaim, identified as Bin 20 Reclaim, constructed in December 2002, capacity: 15,000 bushels per hour.
 - (5) One (1) bin 30 reclaim, identified as Bin 30 Reclaim, constructed in December 2002, capacity: 20,000 bushels per hour.
 - (6) Two (2) storage bin reclaim conveyors, identified as New Reclaim Conveyors, to be constructed in 2005, capacity: 20,000 bushels per hour, each.
 - (7) One (1) storage bin fill conveyor, identified as New Fill Conveyor, to be constructed in 2005, capacity: 18,000 bushels per hour.
 - (8) One (1) receiving pit conveyor, identified as Receiving Pit Conveyor, to be constructed in 2005, capacity: 18,000 bushels per hour.
 - (9) One (1) receiving leg, identified as New Receiving Leg, to be constructed in 2005, capacity: 18,000 bushels per hour.
 - (10) One (1) enclosed grain distributor, identified as Grain Distributor, to be constructed in 2005, capacity: 18,000 bushels per hour.
- (c) One (1) storage area, identified as EP-5, constructed in December 2002, capacity: 20,000,000 bushels or 600,000 tons per year, consisting of the following equipment:
- (1) Two (2) storage bins, identified as Bin 10 and Bin 30, constructed in December 2002, respectively, capacity: 111,000 bushels, each.
 - (2) One (1) storage bin, identified as Bin 20, constructed in December 2002, capacity: 24,000 bushels.
 - (3) One (1) storage bin, identified as Bin 25, to be constructed in 2005, capacity: 450,000 bushels.
 - (4) One (1) hopper bin, identified as Bin 15, to be constructed in 2005, capacity: 30,900 bushels.
- (d) One (1) barge shipping area, identified as EP-3, capacity: 20,000,000 bushels or 600,000 tons per year, consisting of the following equipment:
- (1) One (1) shipping conveyor, identified as Shipping Conveyor, constructed in December 2002, capacity: 25,000 bushels per hour.
 - (2) One (1) barge conveyor, identified as Barge Conveyor, capacity: 25,000 bushels per hour.
 - (3) One (1) barge loadout, identified as Barge Loadout, capacity: 25,000 bushels per hour.
- (e) One (1) truck shipping area, identified as EP-4, constructed in December 2002, capacity: 20,000,000 bushels or 600,000 tons per year, consisting of the following equipment:

- (1) One (1) bin 20 sidedraw truck loadout, identified as Bin 20 Sidedraw Truck Loadout, constructed in December 2002, capacity: 6,000 bushels per hour.
 - (2) One (1) leg spout truck loadout, identified as Leg Spout Truck Loadout, constructed in December 2002, capacity: 18,000 bushels per hour.
 - (3) One (1) bin 15 sidedraw truck loadout, identified as Bin 15 Sidedraw Truck Loadout, to be constructed in 2005, capacity: 6,000 bushels per hour.
 - (4) One (1) bin 25 sidedraw truck loadout, identified as Bin 25 Sidedraw Truck Loadout, to be constructed in 2005, capacity: 6,000 bushels per hour.
 - (5) One (1) bin 10 sidedraw truck loadout, identified as Bin 10 Sidedraw Truck Loadout, constructed in December 2002, capacity: 6,000 bushels per hour.
- (f) One (1) natural gas fired grain dryer, identified as EP-7, constructed in 2006, capacity: 20,000,000 bushels or 600,000 tons per year, rated at: 41.6 million British thermal units per hour.

SECTION B GENERAL CONDITIONS

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1.1 AND 40 CFR 52.780, WITH CONDITIONS LISTED BELOW.

B.1 Permit No Defense [IC 13]

This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

B.2 Definitions

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.3 Effective Date of the Permit [IC13-15-5-3]

Pursuant to IC 13-15-5-3, this permit becomes effective upon its issuance.

B.4 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.5 Permit Term and Renewal [326 IAC 2-6.1-7(a)] [326 IAC 2-1.1-9.5]

This permit 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 of this permit do not affect the expiration date.

The Permittee shall apply for an operation permit renewal at least ninety (90) days prior to the expiration date. If a timely and sufficient permit application for a renewal has been made, this permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.

B.6 Modification to Permit [326 IAC 2]

Notwithstanding the Section B condition entitled "Minor Source Operating Permit", all requirements and conditions of this construction permit shall remain in effect unless modified in a manner consistent with procedures established for modifications of construction permits pursuant to 326 IAC 2 (Permit Review Rules).

B.7 Minor Source Operating Permit [326 IAC 2-6.1]

This document shall also become a minor source operating permit pursuant to 326 IAC 2-6.1 when, prior to start of operation, the following requirements are met:

- (a) The attached Affidavit of Construction shall be submitted to the Office of Air Quality (OAQ), Permit Administration & Development Section.
 - (1) If the Affidavit of Construction verifies that the facilities covered in this Construction Permit were constructed as proposed in the application, then the facilities may begin operating on the date the Affidavit of Construction is postmarked or hand delivered to IDEM.
 - (2) If actual construction of the emission units differs from the construction proposed in the application, the source may not begin operation until the permit has been revised pursuant to 326 IAC 2-6.1-6 and 326 IAC 2-2 and an Operation Permit

Validation Letter is issued.

- (b) If construction is completed in phases; i.e., the entire construction is not done continuously, a separate affidavit must be submitted for each phase of construction. Any permit conditions associated with operation start up dates such as stack testing for New Source Performance Standards (NSPS) shall be applicable to each individual phase.
- (c) Upon receipt of the Operation Permit Validation Letter from the Chief of the Permit Administration & Development Section, the Permittee shall attach it to this document.
- (d) The operation permit will be subject to annual operating permit fees pursuant to 326 IAC 2-1.1-7(Fees).

B.8 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (a) Annual notification shall be submitted 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) Noncompliance with any condition must be specifically identified. If there are any permit conditions or requirements for which the source is not in compliance at any time during the year, the Permittee must provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be, achieved. The notification must be signed by an authorized individual.
- (c) The annual notice shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in the format attached no later than March 1 of each year to:

Compliance Branch, Office of Air Quality
Indiana Department of Environmental Management
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
- (d) 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.9 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) within ninety (90) days (this time frame is determined on a case by case basis but no more than ninety (90) days) after issuance of this permit, including the following information on each emissions unit:
 - (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 Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The PMP extension notification does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) A copy of the PMP's 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 PMP whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (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.10 Permit Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]

- (a) Permit revisions are governed by the requirements of 326 IAC 2-6.1-6.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1.
- (c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]
- (d) No permit amendment or modification is required for the addition, operation or removal of a non-road engine, as defined in 40 CFR 89.2.

B.11 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] [IC13-17-3-2] [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 this title or

the conditions of this permit or any operating permit revisions;

- (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 processes, emissions units (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit or any operating permit revisions;
- (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.12 Transfer of Ownership or Operation [326 IAC 2-6.1-6(d)(3)]

Pursuant to [326 IAC 2-6.1-6(d)(3)]:

- (a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAQ, Permits Branch, within thirty (30) days of the change.
- (b) The written notification shall be sufficient to transfer the permit to the new owner by an notice-only change pursuant to 326 IAC 2-6.1-6(d)(3).
- (c) IDEM, OAQ, shall issue a revised permit.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.

B.13 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing.
- (b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.14 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

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 one hundred (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 5-1-3 (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 non-overlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.4 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.5 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or

not asbestos is present.

- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-7-1(34).

- (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 Accredited 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 Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements

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

- (a) Compliance testing on new emissions units shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, if specified in Section D of this approval. All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
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 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 the 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.7 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

C.8 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.9 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60, Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

C.10 Response to Excursions or Exceedances

- (a) Upon detecting an excursion or exceedance, the Permittee shall 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 emissions.

- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned 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 within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (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;
 - (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 maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and
 - (3) corrective actions taken.

Record Keeping and Reporting Requirements

C.11 Malfunctions Report [326 IAC 1-6-2]

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

- (a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall 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 facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.
- (c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expect-

ed duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).

- (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.12 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, all record keeping requirements not already legally required shall be implemented when operation begins.

C.13 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-5] [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 Data Section, Office of Air Quality
100 North Senate Avenue
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) Unless otherwise specified in this permit, any report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The reports do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) The first report shall cover the period commencing on the date of issuance of this permit 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.

SECTION D.1

EMISSIONS UNITS OPERATION CONDITIONS

Emissions Unit Description:

- (a) One (1) truck receiving operation, identified as EP-1, constructed in December 2002, equipped with baffles for particulate control, capacity: 20,000,000 bushels or 600,000 tons per year, consisting of the following equipment:
- (1) One (1) receiving pit, identified as Dump #1, constructed in December 2002, capacity: 18,000 bushels per hour.
 - (2) One (1) receiving pit, identified as Dump #2, constructed in December 2002, capacity: 25,000 bushels per hour.
 - (3) One (1) receiving pit, identified as Dump #3, constructed in December 2002, capacity: 25,000 bushels per hour.
 - (4) One (1) receiving pit, identified as receiving pit #2, to be constructed in 2005, equipped with baffles for particulate control, capacity: 18,000 bushels per hour.
- (b) One (1) internal handling operation, identified as EP-2, constructed in December 2002, equipped with enclosures for particulate control, capacity: 20,000,000 bushels or 600,000 tons per year, consisting of the following equipment:
- (1) One (1) drag conveyor, identified as Dump #1 Drag Conveyor, constructed in December 2002, capacity: 18,000 bushels per hour.
 - (2) One (1) receiving leg, identified as Receiving Leg #1, constructed in December 2002, capacity: 18,000 bushels per hour.
 - (3) One (1) bin 10 reclaim conveyor, identified as Bin 10 Reclaim Conveyor, constructed in December 2002, capacity: 20,000 bushels per hour.
 - (4) One (1) bin 20 reclaim, identified as Bin 20 Reclaim, constructed in December 2002, capacity: 15,000 bushels per hour.
 - (5) One (1) bin 30 reclaim, identified as Bin 30 Reclaim, constructed in December 2002, capacity: 20,000 bushels per hour.
 - (6) Two (2) storage bin reclaim conveyors, identified as New Reclaim Conveyors, to be constructed in 2005, capacity: 20,000 bushels per hour, each.
 - (7) One (1) storage bin fill conveyor, identified as New Fill Conveyor, to be constructed in 2005, capacity: 18,000 bushels per hour.
 - (8) One (1) receiving pit conveyor, identified as Receiving Pit Conveyor, to be constructed in 2005, capacity: 18,000 bushels per hour.
 - (9) One (1) receiving leg, identified as New Receiving Leg, to be constructed in 2005, capacity: 18,000 bushels per hour.
 - (10) One (1) enclosed grain distributor, identified as Grain Distributor, to be constructed in 2005, capacity: 18,000 bushels per hour.
- (c) One (1) storage area, identified as EP-5, constructed in December 2002, capacity: 20,000,000 bushels or 600,000 tons per year, consisting of the following equipment:

Emissions Unit Description: (continued)

- (1) Two (2) storage bins, identified as Bin 10 and Bin 30, constructed in December 2002, capacity: 111,000 bushels, each.
- (2) One (1) storage bin, identified as Bin 20, constructed in December 2002, capacity: 24,000 bushels.
- (3) One (1) storage bin, identified as Bin 25, to be constructed in 2005, capacity: 450,000 bushels.
- (4) One (1) hopper bin, identified as Bin 15, to be constructed in 2005, capacity: 30,900 bushels.
- (d) One (1) barge shipping area, identified as EP-3, capacity: 20,000,000 bushels or 600,000 tons per year, consisting of the following equipment:
 - (1) One (1) shipping conveyor, identified as Shipping Conveyor, constructed in December 2002, capacity: 25,000 bushels per hour.
 - (2) One (1) barge conveyor, identified as Barge Conveyor, capacity: 25,000 bushels per hour.
 - (3) One (1) barge loadout, identified as Barge Loadout, capacity: 25,000 bushels per hour.
- (e) One (1) truck shipping area, identified as EP-4, constructed in December 2002, capacity: 20,000,000 bushels or 600,000 tons per year, consisting of the following equipment:
 - (1) One (1) bin 20 sidedraw truck loadout, identified as Bin 20 Sidedraw Truck Loadout, constructed in December 2002, capacity: 6,000 bushels per hour.
 - (2) One (1) leg spout truck loadout, identified as Leg Spout Truck Loadout, constructed in December 2002, capacity: 18,000 bushels per hour.
 - (3) One (1) bin 15 sidedraw truck loadout, identified as Bin 15 Sidedraw Truck Loadout, to be constructed in 2005, capacity: 6,000 bushels per hour.
 - (4) One (1) bin 25 sidedraw truck loadout, identified as Bin 25 Sidedraw Truck Loadout, to be constructed in 2005, capacity: 6,000 bushels per hour.
 - (5) One (1) bin 10 sidedraw truck loadout, identified as Bin 10 Sidedraw Truck Loadout, constructed in December 2002, capacity: 6,000 bushels per hour.
- (f) One (1) natural gas fired grain dryer, identified as EP-7, constructed in 2006, capacity: 20,000,000 bushels or 600,000 tons per year, rated at: 41.6 million British thermal units per hour.

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

Emission Limitations and Standards

D.1.1 Particulate [326 IAC 6-3-2]

- (a) The particulate (PM) emissions from the one (1) receiving pit, identified as Dump #1, associated with the truck receiving operation, identified as EP-1, shall be limited to 69.9 pounds per hour when operating at a process weight rate of 1,080,000 pounds per hour (18,000 bushels).

- (b) The particulate (PM) emissions from the one (1) receiving pit, identified as Dump #2, associated with the truck receiving operation, identified as EP-1, shall be limited to 73.9 pounds per hour when operating at a process weight rate of 1,500,000 pounds per hour (25,000 bushels).
- (c) The particulate (PM) emissions from the one (1) receiving pit, identified as Dump #3, associated with the truck receiving operation, identified as EP-1, shall be limited to 73.9 pounds per hour when operating at a process weight rate of 1,500,000 pounds per hour (25,000 bushels).
- (d) The particulate (PM) emissions from the one (1) receiving pit, identified as Receiving Pit #2, associated with the one (1) truck receiving operation, identified as EP-1, shall be limited to 69.9 pounds per hour when operating at a process weight rate of 1,080,000 pounds per hour (18,000 bushels).
- (e) The particulate (PM) emissions from the one (1) drag conveyor, identified as Dump #1 Drag Conveyor, associated with the internal handling operation, identified as EP-2, shall be limited to 69.9 pounds per hour when operating at a process weight rate of 1,080,000 pounds per hour (18,000 bushels).
- (f) The particulate (PM) emissions from one (1) receiving leg, identified as Receiving Leg #1, associated with the internal handling operations, identified as EP-2, shall be limited to 69.9 pounds per hour when operating at a process weight rate of 1,080,000 pounds per hour (18,000 bushels).
- (g) The particulate (PM) emissions from the one (1) bin 10 reclaim conveyor, identified as Bin 10 Reclaim Conveyor, associated with the internal handling operations, identified as EP-2, shall be limited to 71.2 pounds per hour when operating at a process weight rate of 1,200,000 pounds per hour (20,000 bushels).
- (h) The particulate (PM) emissions from the one (1) bin 20 reclaim, identified as Bin 20 Reclaim, associated with the internal handling operations, identified as EP-2, shall be limited to 67.7 pounds per hour when operating at a process weight rate of 900,000 pounds per hour (15,000 bushels).
- (i) The particulate (PM) emissions from the one (1) bin 30 reclaim, identified as Bin 30 Reclaim, associated with the internal handling operations, identified as EP-2, shall be limited to 71.2 pounds per hour when operating at a process weight rate of 1,200,000 pounds per hour (20,000 bushels).
- (j) The particulate (PM) emissions from the two (2) storage bin reclaim conveyors, identified as New Reclaim Conveyors, associated with the internal handling operation, identified as EP-2, shall be limited to 71.2 pounds per hour, each, when operating at a process weight rate of 1,200,000 pounds per hour (20,000 bushels), each.
- (k) The particulate (PM) emissions from the one (1) storage bin fill conveyor, identified as New Fill Conveyor, associated with the internal handling operation, identified as EP-2, shall be limited to 69.9 pounds per hour, when operating at a process weight rate of 1,080,000 pounds per hour (18,000 bushels).
- (l) The particulate (PM) emissions from one (1) receiving pit conveyor, identified as Receiving Pit Conveyor, associated with the internal handling operations, identified as EP-2, shall be limited to 69.9 pounds per hour when operating at a process weight rate of 1,080,000 pounds per hour (18,000 bushels).

- (m) The particulate (PM) emissions from one (1) receiving leg, identified as New Receiving Leg, associated with the internal handling operations, identified as EP-2, shall be limited to 69.9 pounds per hour when operating at a process weight rate of 1,080,000 pounds per hour (18,000 bushels).
- (n) The particulate (PM) emissions from one (1) enclosed grain distributor, identified as Grain Distributor, associated with the internal handling operations, identified as EP-2, shall be limited to 69.9 pounds per hour when operating at a process weight rate of 1,080,000 pounds per hour (18,000 bushels).
- (o) The particulate (PM) emissions from the two (2) storage bins, identified as Bin 10 and Bin 30, associated with the one (1) storage area, identified as EP-5, shall be limited to 87.2 pounds per hour, each, when operating at a process weight rate of 4,080,000 pounds per hour (68,000 bushels), each.
- (p) The particulate (PM) emissions from the one (1) storage bin, identified as Bin 20, associated with the one (1) storage area, identified as EP-5, shall be limited to 87.2 pounds per hour when operating at a process weight rate of 4,080,000 pounds per hour (68,000 bushels).
- (q) The particulate (PM) emissions from the one (1) storage bin, identified as Bin 25, associated with the one (1) storage area, identified as EP-5, shall be limited to 87.2 pounds per hour when operating at a process weight rate of 4,080,000 pounds per hour (68,000 bushels).
- (r) The particulate (PM) emissions from the one (1) hopper bin, identified as Bin 15, associated with the one (1) storage area, identified as EP-5, shall be limited to 87.2 pounds per hour when operating at a process weight rate of 4,080,000 pounds per hour (68,000 bushels).
- (s) The particulate (PM) emissions from the one (1) shipping conveyor, identified as Shipping Conveyor, the one (1) barge conveyor, identified as Barge Conveyor, and the one (1) barge loadout, identified as Barge Loadout, associated with the one (1) barge shipping area, identified as EP-3, shall be limited to 73.9 pounds per hour, each, when operating at a process weight rate of 1,500,000 pounds per hour (25,000 bushels), each.
- (t) The particulate (PM) emissions from the one (1) bin 10 sidedraw loadout, identified as Bin 10 Sidedraw Loadout, the one (1) bin 15 sidedraw loadout, identified as Bin 15 Sidedraw Loadout, the one (1) bin 20 sidedraw loadout, identified as Bin 20 Sidedraw Loadout, and the one (1) bin 25 sidedraw loadout, identified as Bin 25 Sidedraw Loadout associated with the one (1) truck shipping area, identified as EP-4, shall be limited to 57.4 pounds per hour, each, when operating at a process weight rate of 360,000 pounds per hour (6,000 bushels), each.
- (u) The particulate (PM) emissions from the one (1) leg sprout truck loadout, identified as Leg Sprout Truck Loadout, associated with the one (1) truck shipping area, identified as EP-4, shall be limited to 69.9 pounds per hour when operating at a process weight rate of 1,080,000 pounds per hour (18,000 bushels).
- (v) The particulate (PM) emissions from the one (1) natural gas fired grain dryer, identified as EP-7, shall be limited to 53.1 pounds per hour when operating at a process weight rate of 240,000 pounds per hour (4,000 bushels).

The pounds per hour limitations above were calculated with the following equation:

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

$$E = 55.0 P^{0.11} - 40$$

where E = rate of emission in pounds per hour;
and P = process weight rate in tons per hour

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

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the three (3) loadout dumps, identified as Dump #1, Dump #2 and Dump #3, and their control devices.

Compliance Determination Requirements

D.1.3 Particulate Control

In order to comply with Condition D.1.1, the baffles for particulate control shall be in operation and control emissions from the three (3) receiving pits, identified as Dump #1, Dump #2 and Dump #3, and the one (1) receiving pit, identified as Receiving Pit #2, at all times that the three (3) receiving pits, identified as Dump #1, Dump #2 and Dump #3, and the one (1) receiving pit, identified as Receiving Pit #2, are in operation.

Compliance Monitoring Requirements

D.1.4 Monitoring

To monitor the performance of the baffles, weekly inspections of the baffle panels shall be conducted to verify placement and configuration meet recommendations of the manufacturer. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

D.1.5 Record Keeping Requirements

- (a) To document compliance with Condition D.1.4, the Permittee shall maintain a log of weekly inspections of the baffle panels.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE 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:	ADM Grain Company
Address:	609 N. State Road
City:	Rockport, Indiana 47635
Phone #:	812-649-9311
MSOP #:	147-20450-00055

I hereby certify that **ADM Grain Company** is still in operation.
 no longer in operation.

I hereby certify that **ADM Grain Company** is in compliance with the requirements of MSOP **147-20450-00055**.
 not in compliance with the requirements of MSOP **147-20450-00055**.

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
FAX NUMBER - 317 233-5967**

**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 ?____, 100TONS/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 PERM 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:

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Significant Permit Revision to a Minor Source Operating Permit

Source Background and Description

Source Name:	ADM Grain Company
Source Location:	609 N. State Road 66, Rockport, IN 47635
County:	Spencer
SIC Code:	5153
Operation Permit No.:	MSOP 147-20450-00055
Operation Permit Issuance Date:	June 30, 2005
Significant Permit Revision No.:	SPR 147-22412-00055
Permit Reviewer:	Craig J. Friederich

The Office of Air Quality (OAQ) has reviewed a revision application from ADM Grain Company relating to the construction and operation of the following emission units and pollution control devices:

One (1) natural gas fired grain dryer, identified as EP-7, constructed in 2006, capacity: 20,000,000 bushels or 600,000 tons per year, rated at: 41.6 million British thermal units per hour.

History

On December 19, 2005, ADM Grain Company submitted an application to the OAQ requesting to add a natural gas dryer to their existing plant. ADM Grain Company was issued a Minor Source Operating Permit (MSOP) on June 30, 2005.

Enforcement Issue

There are no enforcement actions pending.

Stack Summary

There are no stacks associated with this revision.

Recommendation

The staff recommends to the Commissioner that the MSOP Significant Permit Revision be approved. This recommendation is based on the following facts and conditions:

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

An application for the purposes of this review was received on December 19, 2005.

Emission Calculations

See pages 1 through 3 of 3 of Appendix A of this document for detailed emissions calculations.

Potential To Emit of Revision

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA.”

This table reflects the PTE before controls for this revision. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)
PM	66.3
PM ₁₀	17.9
SO ₂	0.109
VOC	1.00
CO	15.3
NO _x	18.2

HAPs	Potential To Emit (tons/year)
Hexane	0.328
All Other Combination HAPs	0.016
TOTAL HAPs	0.344

Justification for Revision

The MSOP is being revised through a MSOP Significant Permit Revision. This revision is being performed pursuant to 326 IAC 2-6.1-6(i) because the potential to emit Particulate is greater than twenty-five (25) tons per year.

County Attainment Status

The source is located in Spencer County.

Pollutant	Status
PM _{2.5}	Nonattainment
PM ₁₀	Attainment
SO ₂	Attainment
NO ₂	Attainment
1-Hour Ozone	Attainment

Pollutant	Status
8-Hour Ozone	Attainment
CO	Attainment
Lead	Attainment

- (a) 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. Spencer 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. See the State Rule Applicability - Entire Source section of this document.
- (b) U.S. EPA in Federal Register Notice 70 FR 943 dated January 5, 2005 has designated Spencer County as nonattainment for PM_{2.5}. On March 7, 2005 the Indiana Attorney General's Office on behalf of IDEM filed a lawsuit with the Court of Appeals for the District of Columbia Circuit challenging U.S. EPA's designation of nonattainment areas without sufficient data. However, in order to ensure that sources are not potentially liable for violation of the Clean Air Act, the OAQ is following the U.S. EPA's guidance to regulate PM₁₀ emissions as a surrogate for PM_{2.5} emissions pursuant to the Nonattainment New Source Review requirements. See the State Rule Applicability for the source section.
- (c) Spencer County has been classified as attainment or unclassifiable in Indiana for all remaining criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability - Entire Source section of this document.
- (d) Fugitive Emissions

Since this type of operation is not one of the 28 listed source categories under 326 IAC 2-2 or 2-3 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

Source Status

Existing Source PSD or Emission Offset Definition (emissions after controls, based upon 8760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (tons/year)
PM	98.0
PM ₁₀	23.5
SO ₂	--
VOC	--
CO	--
NO _x	--

- (a) This existing source is not a major stationary source because no nonattainment regulated pollutant is emitted at a rate of one hundred (100) tons per year, and no attainment regulated pollutant is emitted at two-hundred fifty (250) tons per year or more, and it is not one of the twenty-eight (28) listed source categories.
- (b) These emissions are based upon the Addendum to the Technical Support Document (TSD) for MSOP 147-20450-00055, issued June 30, 2005.

Potential to Emit of Source After Issuance

The table below summarizes the potential to emit, reflecting all limits, of the significant emission units.

Process/facility	Potential to Emit (tons/year)						
	PM	PM ₁₀	SO ₂	VOC	CO	NO _x	HAPs
Proposed Revision	66.3	17.9	0.109	1.00	15.3	18.2	0.344
Existing Emission Units	98.0	23.5	--	--	--	--	--
Total	164	41.4	0.109	1.00	15.3	18.2	0.344
MSOP Threshold Level	N/A	100	100	100	100	100	10/25

This revision to the existing MSOP will **not** change the status of the stationary source because the potential emissions from the entire source will still be less than the Part 70 major source thresholds.

Federal Rule Applicability

- (a) This country grain elevator is not subject to the requirements of the New Source Performance Standard, 326 IAC 12, 40 CFR 60.300, Subpart DD because it has a permanent storage capacity less than 2.5 million U.S. bushels. The maximum storage capacity of the source is 726,900 U.S. bushels.
- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP)(326 IAC 14, 20 and 40 CFR Part 61, 63) included in the permit for this proposed revision.

State Rule Applicability - Individual Facilities

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

The potential to emit all criteria pollutants are still less than two-hundred fifty (250) tons per year after this revision. Therefore, the requirements of this rule do not apply.

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

The one (1) natural gas fired grain dryer, identified as EP-7, has a maximum throughput of 240,000 pounds per hour (4,000 bushels). Pursuant to 326 IAC 6-3-2, the allowable particulate emission rate from the one (1) natural gas fired grain dryer, identified as EP-7, shall not exceed 53.1 pounds per hour when operating at a process weight rate of 240,000 pounds per hour (4,000 bushels).

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:

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

Emissions calculations based on AP-42 indicate that uncontrolled emissions from the one (1) natural gas fired grain dryer, identified as EP-7 will be 0.22 pounds of particulate per ton of grain processed, or 26.4 pounds per hour. Therefore, this facility is in compliance without controls.

326 IAC 8-1-6 (New Facilities; General Reduction Requirements)

The potential to emit VOC, of the entire source, after this revision, is less than twenty-five (25) tons per twelve consecutive month period. Therefore, the requirements of this rule are not applicable.

Compliance Requirements

Permits issued under 326 IAC 2-6.1 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-6.1. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

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

There are no compliance monitoring requirements applicable to this revision.

Proposed Changes

The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language appears in bold):

Change 1:

The new natural gas fired grain dryer, identified as EP-7, has been added to Sections A.2 and D.1 as follows:

A.2 Emissions Units and Pollution Control Equipment Summary

- (f) **One (1) natural gas fired grain dryer, identified as EP-7, constructed in 2006, capacity: 20,000,000 bushels or 600,000 tons per year, rated at: 41.6 million British thermal units per hour.**

SECTION D.1 EMISSIONS UNITS OPERATION CONDITIONS

Emissions Unit Description:

- (f) **One (1) natural gas fired grain dryer, identified as EP-7, constructed in 2006, capacity: 20,000,000 bushels or 600,000 tons per year, rated at: 41.6 million British thermal units per hour.**

Change 2:

The limit on the new natural gas grain dryer, identified as EP-7, pursuant to 326 IAC 6-3-2 has been added to Condition D.1.1 as follows:

D.1.1 Particulate [326 IAC 6-3-2]

- (v) **The particulate (PM) emissions from the one (1) natural gas fired grain dryer, identified as EP-7, shall be limited to 53.1 pounds per hour when operating at a process weight rate of 240,000 pounds per hour (4,000 bushels).**

Change 3:

IDEM has determined that the Permittee is not required to keep records of all preventive maintenance. However, where the Permittee seeks to demonstrate that an emergency has occurred, the Permittee must provide, upon request, records of preventive maintenance in order to establish that the lack of proper maintenance did not cause or contribute to the deviation. Therefore, IDEM has deleted paragraph (b) and (d) of Condition B.9 (Preventive Maintenance Plan), and revised Condition D.1.5 as follows:

B.9 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs), 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 Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The PMP extension notification does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- ~~(b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.~~
- (eb) 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 contributes to any violation. The PMPs does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- ~~(d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept 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.~~
- (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.**

D.1.5 Record Keeping Requirements

- (a) To document compliance with Condition D.1.4, the Permittee shall maintain a log of weekly inspections of the baffle panels, ~~and these additional inspections prescribed by the Preventive Maintenance Plan.~~
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

Change 4:

IDEM has reconsidered the requirement to develop and follow a Compliance Response Plan. The Permittee will still be required to take reasonable response steps when a compliance monitoring parameter is determined to be out of range or abnormal. Replacing the requirement to develop and follow a Compliance Response Plan with a requirement to take reasonable response steps will ensure that the control equipment is returned to proper operation as soon as practicable, while still allowing the Permittee the flexibility to respond to situations that were not anticipated. The following changes have been made to Condition C.15:

C.10 ~~Compliance Response Plan - Preparation and Implementation~~ **Response to Excursions or Exceedances**

- ~~(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ, upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:~~
- ~~(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.~~
- ~~(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan, the Permittee shall amend its Compliance Response Plan to include such response steps taken.~~

- (a) Upon detecting an excursion or exceedance, the Permittee shall 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 emissions.**
- ~~(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:~~
- ~~(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or~~
 - ~~(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.~~
 - ~~(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be ten (10) days or more until the unit or device will be shut down, then the Permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the response actions taken up to the time of notification.~~
 - ~~(4) Failure to take reasonable response steps shall be considered a deviation from the permit.~~
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:**
- (1) initial inspection and evaluation;**
 - (2) recording that operations returned 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 within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.**
- ~~(c) The Permittee is not required to take any further response steps for any of the following reasons:~~
- ~~(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.~~
 - ~~(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.~~

~~(3) An automatic measurement was taken when the process was not operating.~~

~~(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.~~

~~(d) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.~~

(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;

(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 maintain the following records:

(1) monitoring data;

(2) monitor performance data, if applicable; and

(3) corrective actions taken.

Change 5:

Condition D.1.4 has been revised as follows:

D.1.4 Monitoring

To monitor the performance of the baffles, weekly inspections of the baffle panels shall be conducted to verify placement and configuration meet recommendations of the manufacturer. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - ~~Compliance Response Plan - Preparation, Implementation, Records, and Reports~~, **Response to Excursions or Exceedances** shall be considered a deviation from this permit.

Change 6:

The last four digits (2251) have been added to the IDEM, OAQ ZIP code throughout the permit.

Conclusion

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed MSOP Significant Permit Revision No. 147-22412-00055.

**Appendix A: Emission Calculations
Grain Drying Operations**

Company Name: ADM Grain Company
Address City IN Zip: 609 N. State Road 66, Rockport, IN 47635
SPR : 147-222412
Plt ID: 147-00055
Reviewer: Craig J. Friederich
Date: December 19, 2005

Process	Grain Throughput (tons/yr)	Pollutant	Emission Factor (lb/ton)	Potential Emissions (ton/yr)	Control Efficiency (%)	Emissions After Control (ton/yr)
Grain Drying	600,000	PM	0.22	66.0	0.00%	66.0
	600,000	PM-10	0.055	16.5	0.00%	16.5
		PM Total		66.0		66.0
		PM-10 Total		16.5		16.5

METHODOLOGY

Potential to emit is based on a throughput of 20,000,000 bushels of grain per year.
Emission factors from AP-42 (March 2003) Table 9.9.1-1, Particulate Emission Factors for Grain Elevators
Throughput (tons/yr) was based on the worst-case density: wheat = 60 lbs/bushel.
Potential Emissions (tons/yr) = throughput (tons/yr) * EF (lbs/ton) / 2000 (lbs/ton)

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100**

Grain Dryer

Company Name: ADM Grain Company
Address City IN Zip: 609 N. State Road 66, Rockport, IN 47635
SPR Number: 147-22412
Pit ID: 147-00055
Reviewer: Craig J. Friederich
Application Date: December 19, 2005

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

41.60

364

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.90	7.60	0.600	100	5.50	84.0
				**see below		
Potential Emission in tons/yr	0.346	1.38	0.109	18.2	1.00	15.3

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

See page 3 for HAPs emissions calculations.

**Appendix A: Emissions Calculations
 Natural Gas Combustion Only
 MM BTU/HR <100
 Grain Dryer
 HAPs Emissions**

Company Name: ADM Grain Company
Address City IN Zip: 609 N. State Road 66, Rockport, IN 47635
Permit Number: 147-22412
Pit ID: 147-00055
Reviewer: Craig J. Friederich
Application Date: December 19, 2005

HAPs - Organics					
Emission Factor in lb/MMcf	Benzene 0.00210	Dichlorobenzene 0.00120	Formaldehyde 0.07500	Hexane 1.80000	Toluene 0.00340
Potential Emission in tons/yr	0.000383	0.000219	0.013666	0.327974	0.000620

HAPs - Metals						
Emission Factor in lb/MMcf	Lead 0.0005	Cadmium 0.0011	Chromium 0.0014	Manganese 0.0004	Nickel 0.0021	Total
Potential Emission in tons/yr	0.00009	0.00020	0.00026	0.00007	0.00038	0.344

Methodology is the same as page 2.

The five highest organic and metal HAPs emission factors are provided above.
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.

Mail to: Permit Administration & Development Section
Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

ADM Grain Company
1001 North Brush College Road
Decatur, IL 62521

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 knowledge of the
(Company Name)
representations contained in this affidavit and am authorized to make these representations on behalf of
_____.
(Company Name)
4. I hereby certify that ADM Grain Company, 609 North State Road 66, Rockport, Indiana 47635, completed construction of the grain dryer on _____ in conformity with the requirements and intent of the Construction Permit application received by the Office of Air Quality on December 19, 2005 and as permitted pursuant to SPR No. 147-22412, Plant ID No. 147-00055 issued on _____.

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)