



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

TO: Interested Parties / Applicant

DATE: May 22, 2009

RE: Consolidated Grain & Barge, Co / 129-27711-00014

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

## Notice of Decision – Approval

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

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

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

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

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

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

Enclosures  
FNPER-AM.dot12/3/07



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Mr. Todd Guthrie  
Operations Manager  
Consolidated Grain & Barge Co  
P.O. Box 547  
Mt. Vernon, Indiana 47620

May 22, 2009

Re: 129-27711-00014  
Administrative Amendment of  
Part 70 Operating Permit  
No. T129-24928-00014

Dear Mr. Guthrie:

Consolidated Grain & Barge Co was issued Part 70 Operating Permit No. T129-24928-00014 on September 20, 2007 for a stationary grain merchandising plant, located at 2801 Bluff Road, Mt. Vernon, Indiana 47620. On April 2, 2009, the Office of Air Quality (OAQ) received a Part 70 Administrative Amendment application, submitted by Consolidated Grain & Barge Co., relating to the construction of a grain storage bin with a capacity of 18,228 tons.

Pursuant to the provisions of 326 IAC 2-7-11(a) the Part 70 Operating Permit No. T129-24928-00014 is hereby administratively amended as explained in the enclosed Technical Support Document (TSD).

All other conditions of the permit shall remain unchanged and in effect. Please find enclosed the entire amended permit and the TSD.

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 Syed Jaffery via email at [sjaffery@idem.IN.gov](mailto:sjaffery@idem.IN.gov) or call him directly at (317) 233-1782. He may also be contacted at toll free phone number (800) 451-6027 extension 3-1782.

Sincerely,

Donald F. Robin, P.E., Section Chief  
Permits Branch  
Office of Air Quality

DR/sj

Attachments:

Revised Permit

cc: File - Posey County  
Posey County Health Department  
US EPA, Region V  
Southwest Regional Office  
Compliance and Enforcement Branch  
Keith Baugues, Keramida Environmental, Inc. 401 N. College Ave, Indianapolis, IN 46202



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## Part 70 Operating Permit OFFICE OF AIR QUALITY

**Consolidated Grain & Barge  
2801 Bluff Road  
Mt. Vernon, Indiana 47620**

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

**The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.**

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: TV 129-24928-00014	
Issued by: Original signed by:  Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: September 20, 2007   Expiration Date: September 20, 2012

First Administrative Amendment No.: 129-27711-00014	
Issued by:  Donald F. Robin, P.E., Section Chief Permits Branch Office of Air Quality	Issuance Date: May 22, 2009   Expiration Date: September 20, 2012

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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 through A.3 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 2-7-4(c)][326 IAC 2-7-5(15)][326 IAC 2-7-1(22)]

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The Permittee owns and operates a grain merchandising plant.

Source Address:	2801 Bluff Road, Mt. Vernon, Indiana 47620
Mailing Address:	P.O. Box 547, Mt. Vernon, IN 47620
General Source Phone Number:	(812) 218-5240
SIC Code:	5153
County Location:	Posey
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Minor Source, under PSD Rules Major Source, Section 112 of the Clean Air Act

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(15)]

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This source consists of the following emission units and pollution control devices:

- (a) One (1) North Merchandising House -
  - (1) One (1) Grain Storage Ring/Pad, known as P9B, with a capacity of 1 million bushel pile. This storage ring/pad will enable the source to better handle the large amount of grain that is received during fall harvest, which is a twice per year fill.
  - (2) One (1) Overhead Totally Enclosed Conveyor, known as P8B, with a maximum rate of 500 tons per hour.
  - (3) Receiving, known as P7, capacity: 336 tons of grain per hour.
  - (4) Conveying, known as P8, capacity: 336 tons of grain per hour.
  - (5) Loadout, known as P9, capacity: 375 tons of grain per hour.
- (b) One (1) Truck Only Receiving Area, known as P1, installed in the first quarter of 1978, with a maximum design throughput of 1,050 tons of grain per hour and 784,000 tons of grain per year, including receiving pits P1A, P1B, with emissions controlled by baghouse C-1 and exhausted to Stack S1, and receiving pit P1C, with emissions controlled by baghouse C-3 and exhausted to Stack S3. This operation (P1) is permitted in 2007 to increase yearly throughput rate to 2,000,000 tons.
- (c) One (1) Truck & Rail Receiving Area, known as P2, installed in the first quarter of 1978, with a maximum capacity: 420 tons of grain per hour.
- (d) One (1) Grain Storage/Handling Area, known as P3, exhausted to stack S-2, installed in 1979, controlled by baghouse C-2, capacity: 1,260 tons of grain per hour and 784,000 tons of grain per year. This operation (P3) is permitted in 2007 to increase yearly throughput rate to 3,000,000 tons.

- (e) One (1) natural gas-fired grain dryer, known as P4, exhausted to S-4, installed in 1994, rated at 36.0 million British thermal units per hour (mmBtu/hr), capacity: 84.0 tons of grain per hour.
- (f) One (1) natural gas-fired column grain dryer, identified as P4A, rated at 21.6 million British thermal units per hour, exhausting to Stack S-5, capacity: 105 tons of grain per hour.
- (g) One (1) Barge Loadout Area, known as P5, installed in the first quarter of 1978, controlled by a telescoping spout, capacity: 500 tons of grain per hour.
- (h) One (1), Truck Loadout Area, known as P6A, installed in the first quarter of 1978, controlled by a spout extension, capacity: 336 tons of grain per hour.
- (i) One (1) enclosed reclaim conveyor leg, for rail or truck loadout identified as P6B equipped with a bulk weigh station at its discharge, capacity: 850 tons of grain per hour.
- (j) One (1) enclosed conveyor leg, identified as P1D, capacity: 450 tons of grain per hour and 784,000 tons of grain per year, controlled by baghouse C-1. This operation (P1D) is permitted in 2007 to increase throughput to 700 tons of grain per hour and 2,000,000 tons of grain per year.

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(15)]

This source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) One (1) Grain Storage Bin with an associated conveyor, identified as P10, with a maximum capacity of 18,228 tons, approved in 2009 for construction.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

## **SECTION B GENERAL CONDITIONS**

### **B.1 Definitions [326 IAC 2-7-1]**

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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 2-7) shall prevail.

### **B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]**

- (a) This permit, TV 129-24928-00014, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

### **B.3 Term of Conditions [326 IAC 2-1.1-9.5]**

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Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

### **B.4 Enforceability [326 IAC 2-7-7]**

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Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

### **B.5 Severability [326 IAC 2-7-5(5)]**

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The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

### **B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]**

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

### **B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]**

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

**B.8 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]**

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- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by the "responsible official" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) A "responsible official" is defined at 326 IAC 2-7-1(34).

**B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]**

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- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

and

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

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
  - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
  - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)][326 IAC 2-7-6(1) and (6)][326 IAC 1-6-3]**

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- (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 after issuance of this permit, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

The PMP extension notification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (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.11 Emergency Provisions [326 IAC 2-7-16]**

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- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
  - (2) The permitted facility was at the time being properly operated;

- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, and Southwest Regional Office within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or

Telephone Number: 317-233-0178 (ask for Compliance Section)

Facsimile Number: 317-233-6865

Southwest Regional Office phone: (812) 380-2305; fax: (812) 380-2304.

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
  - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
  - (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.

- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.12 Permit Shield [326 IAC 2-7-15][326 IAC 2-7-20][326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
  - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
  - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
  - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
  - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

**B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]**

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- (a) All terms and conditions of permits established prior to TV 129-24928-00014 and issued pursuant to permitting programs approved into the state implementation plan have been either:
  - (1) incorporated as originally stated,
  - (2) revised under 326 IAC 2-7-10.5, or
  - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

**B.14 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]**

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The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

**B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]**

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- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

**B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination**  
**[326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]**

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- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

**B.17 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]**

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- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

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

- (b) A timely renewal application is one that is:
- (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
  - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

**B.18 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12] [40 CFR 72]**

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- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

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

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

**B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12(b)(2)]**

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- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

- (b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

**B.20 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]**

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- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b),(c), or (e) without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

- (4) The Permittee notifies the:

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

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b),(c), or (e). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]  
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

**B.21 Source Modification Requirement [326 IAC 2-7-10.5]**

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A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

**B.22 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]**

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Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 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 any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor 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.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][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. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) 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.25 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

## SECTION C

## SOURCE OPERATION CONDITIONS

Entire Source

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

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

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

**C.2 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 nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

**C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]**

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

**C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]**

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

**C.5 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.6 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]**

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the plan submitted on. The plan is included as Attachment A.

**C.7 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  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" 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 Licensed Asbestos Inspector**  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

## Testing Requirements [326 IAC 2-7-6(1)]

### C.8 Performance Testing [326 IAC 3-6]

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- (a) 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 and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

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

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

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The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

## Compliance Monitoring Requirements [326 IAC 2-7-5(1)][326 IAC 2-7-6(1)]

### C.10 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]

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Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

**C.11 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.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]**

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- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.
- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

**Corrective Actions and Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]**

**C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

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Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) These ERPs shall be submitted for approval to:  
  
Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251  
  
within ninety (90) days after the date of issuance of this permit.  
  
The ERP does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

- (f) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.15 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

- (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; and/or
  - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
- (1) monitoring data;
  - (2) monitor performance data, if applicable; and
  - (3) corrective actions taken.

**C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]**

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

**C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]**

- (a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
  - (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
  - (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-50 IGCN 1003  
Indianapolis, Indiana 46204-2251

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The emission statement 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.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]**

- (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 within ninety (90) days of permit issuance.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:  
  
Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251
- (c) 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.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) 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.

## **Stratospheric Ozone Protection**

### **C.20 Compliance with 40 CFR 82 and 326 IAC 22-1**

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Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

## SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

### Emissions Unit Description:

- (a) One (1) North Merchandising House -
- (1) One (1) Grain Storage Ring/Pad, known as P9B, with a capacity of 1 million bushel pile. This storage ring/pad will enable the source to better handle the large amount of grain that is received during fall harvest, which is a twice per year fill.
  - (2) One (1) Overhead Totally Enclosed Conveyor, known as P8B, with a maximum rate of 500 tons per hour.
  - (3) Receiving, known as P7, capacity: 336 tons of grain per hour.
  - (4) Conveying, known as P8, capacity: 336 tons of grain per hour.
  - (5) Loadout, known as P9, capacity: 375 tons of grain per hour.
- (b) One (1) Truck Only Receiving Area, known as P1, installed in the first quarter of 1978, with a maximum design throughput of 1,050 tons of grain per hour and 784,000 tons of grain per year, including receiving pits P1A, P1B, with emissions controlled by baghouse C-1 and exhausted to Stack S1, and receiving pit P1C, with emissions controlled by baghouse C-3 and exhausted to Stack S3. This operation (P1) is permitted in 2007 to increase yearly throughput rate to 2,000,000 tons.
- (c) One (1) Truck & Rail Receiving Area, known as P2, installed in the first quarter of 1978, with a maximum capacity: 420 tons of grain per hour.
- (d) One (1) Grain Handling Area, known as P3, exhausted to stack S-2, installed in 1979, controlled by baghouse C-2, capacity: 1,260 tons of grain per hour and 784,000 tons of grain per year. This operation (P3) is permitted in 2007 to increase yearly throughput rate to 3,000,000 tons.
- (e) One (1) natural gas-fired grain dryer, known as P4, exhausted to S-4, installed in 1994, rated at 36.0 million British thermal units per hour (mmBtu/hr), capacity: 84.0 tons of grain per hour.
- (f) One (1) natural gas-fired column grain dryer, identified as P4A, rated at 21.6 million British thermal units per hour, exhausting to Stack S-5, capacity: 105 tons of grain per hour.
- (g) One (1) Barge Loadout Area, known as P5, installed in the first quarter of 1978, controlled by a telescoping spout, capacity: 500 tons of grain per hour.
- (h) One (1), Truck Loadout Area, known as P6A, installed in the first quarter of 1978, controlled by a spout extension, capacity: 336 tons of grain per hour.
- (i) One (1) enclosed reclaim conveyor leg, for rail or truck loadout identified as P6B equipped with a bulk weigh station at its discharge, capacity: 850 tons of grain per hour.
- (j) One (1) enclosed conveyor leg, identified as P1D, capacity: 450 tons of grain per hour and 784,000 tons of grain per year, controlled by baghouse C-1. This operation (P1D) is permitted in 2007 to increase throughput to 700 tons of grain per hour and 2,000,000 tons of grain per year.

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

### Operation Conditions

#### Emission Limitations and Standards [326 IAC 2-7-5(1)]

##### D.1.1 Prevention of Significant Deterioration (PSD) Minor PM and PM10 Emission Limits [326 IAC 2-2]

- (a) The annual grain throughput to the grain merchandising emission units, including the particulate emissions shall not exceed the limits in the table below:

Process/Emission Units	Throughput Limits (tons/year)	PM Emissions Limit (pound/ton)	PM10 Emissions Limit (pound/ton)	Control ID
Truck Receiving and Receiving Pit (P1A & P1B)	2,000,000	0.18	0.059	Baghouse C-1
Truck Receiving and Receiving Pit (P1C)	2,000,000	0.18	0.059	Baghouse C-3
Conveyor Leg (P1D)	2,000,000	0.061	0.034	Baghouse C-1
Rail/HB and Hopper Truck Receiving (P2)	784,000	0.035	0.0078	
Grain Handling (P3)	3,000,000	0.061	0.034	Baghouse C-2
Grain Drying process (Dryer P4)	160,000	0.22	0.055	
Grain Drying process (Dryer P4A)	200,000	0.22	0.055	
Grain Barge Loadout (P5)	800,000	0.016	0.0040	Telescoping Spout
Grain Truck Loadout (P6A)	56,000	0.086	0.029	Spout Extension
Enclosed Reclaim Conveyor Leg (P6B)	300,000	0.061	0.034	
North Merchandising House Receiving (P7)	56,000	0.035	0.0078	
North Merchandising House Conveying (P8)	56,000	0.061	0.034	
North Merchandising House Enclosed Conveying (P8B)	56,000	0.061	0.034	
North Merchandising House Loadout (P9)	56,000	0.086	0.029	
North Merchandising House Loadout (Hopper Truck - P9B)	56,000	0.086	0.029	

Each throughput limit shall be based on a twelve (12) month period, with compliance determined at the end of each month. Compliance with these particulate emission limits in conjunction with Aventine's particulate emissions limits in NSR/Part 70 Permit No. 129-24836-00051, shall limit the particulate emissions from the entire source (Aventine's ethanol production plant and Consolidated Grain & Barge grain merchandising plant) to less than 250 tons per year, which renders the requirements of 326 IAC 2-2, Prevention of Significant Deterioration (PSD) not applicable.

##### D.1.2 Prevention of Significant Deterioration (PSD) Minor NOx, CO and SO<sub>2</sub> Emission Limits [326 IAC 2-2]

- (a) The NOx emissions from the two (2) grain dryers (P4 and P4A) shall not exceed 100 pounds per million cubic feet of natural gas.
- (b) The CO emissions from the two (2) grain dryers (P4 and P4A) shall not exceed 84 pounds per million cubic feet of natural gas.

- (c) The total input of natural gas fuel to the two (2) grain dryers (P4 and P4A) shall not exceed 504 million cubic feet per twelve (12) consecutive month period, with compliance at the end of each month.

Compliance with these limits in conjunction with the NO<sub>x</sub>, CO and SO<sub>2</sub> emission limits in the Aventine's NSR/Part 70 129-24836-00051, shall limit the NO<sub>x</sub>, CO and SO<sub>2</sub> emissions from the entire source (Aventine's ethanol production plant, including the nested package boilers and Consolidated Grain & Barge Co. grain merchandising plant) to less than 250 tons per year. Compliance with this condition shall render the requirements of 326 IAC 2-2, PSD not applicable.

**D.1.3 Particulate Emission Limitations [326 IAC 6-3-2]**

- (a) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate emissions from each of the following processes shall not exceed the pound per hour limits as follows:

Process/Emission Units	Process Weight Rate (tons/hour)	PM Emissions Limit (pounds/hour)
Truck Receiving and Receiving Pit (P1A & P1B)	1,050	78.2
Truck Receiving and Receiving Pit (P1C)	1,050	78.2
Conveyor Leg (P1D)	700	73.0
Rail/HB and Hopper Truck Receiving (P2)	420	67.0
Grain Storage/ Handling (P3)	1,260	80.6
Grain Drying process (Dryer P4)	84	49.5
Grain Drying process (Dryer P4A)	105	58.1
Grain Barge Loadout (P5)	500	69.0
Grain Truck Loadout (P6A)	336	64.3
Enclosed Reclaim Conveyor Leg (P6B)	850	75.5
North Merchandising House Receiving (P7)	336	64.3
North Merchandising House Conveying (P8)	336	64.3
North Merchandising House Enclosed Conveying (P8B)	500	69.0
North Merchandising House Loadout (P9)	375	65.6
North Merchandising House Loadout (Hopper Truck - P9B)	336	64.3

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:

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

- (b) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), when the process weight rate exceeds two hundred (200) tons per hour, the allowable emissions may exceed that shown in the table in 326 IAC 6-3-2(e) provided the

concentration of particulate in the discharge gases to the atmosphere is less than one tenth (0.10) pound per one thousand (1,000) pounds of gases.

#### D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and their control devices.

### Compliance Determination Requirements

#### D.1.5 Particulate Control

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The baghouses, telescoping spouts and spout extensions for particulate control shall be in operation or in place at all times when P1A, P1B, P1C, P3, P5 and P6A, are in operation.

#### D.1.6 Testing Requirements [326 IAC 2-7-6(1), (6)] [326 IAC 2-1.1-11]

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In order to demonstrate compliance with Conditions D.1.1 and D.1.3, the Permittee shall perform PM/PM10 testing for baghouse C-1 used in conjunction with the Truck Only Receiving Area (P-1), including Receiving Pits (P1A & P1B) and Conveyor Leg (P1D), baghouse C-3 used in conjunction with the Receiving Pit (P1C), and baghouse C-2 used in conjunction with the the Grain Storage/Handling Areas (P3), within 60 days after achieving maximum production capacity, but no later than 180 days after initial startup, utilizing methods as approved by the Commissioner.

These tests shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C – Performance Testing. PM10 includes filterable and condensable PM10.

### Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

#### D.1.7 Visible Emissions Notations

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- (a) Visible emission notations of the stacks exhausts from baghouse C-1 controlling Truck Only Receiving, identified as P-1 (P1A & P1B) and Conveyor Leg (P1D), baghouse C-2 controlling Grain Storage/Handling Areas, identified as P3 and baghouse C-3 controlling Receiving Pit, identified as P1C, shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

#### D.1.8 Baghouses Parametric Monitoring

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- (a) The Permittee shall record the pressure drop across baghouse C-1 controlling the Truck Only Receiving Area, identified as P-1 (P1A & P1B) and Conveyor Leg (P1D); baghouse C-2, controlling Grain Storage/Handling Areas, identified as P3, and baghouse C-3

controlling Receiving Pit, identified as P1C, at least once per day when the respective emission unit is in operation.

- (b) When, for any one reading, the pressure drop across each baghouse is outside of the normal range of 1.0 and 6.0 inches of water or a range established during the last stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (c) The instruments used for determining the pressure shall comply with Section C - Instrument Specifications of this permit, and shall be calibrated at least once every six (6) months.

#### D.1.9 Broken or Failed Bag Detection

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In the event that bag failure has been observed:

- (a) For a single compartment baghouse controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions), or
- (b) For a single compartment baghouse controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the line. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

Bag failure can be indicated by a significant drop in the baghouse's pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, or leaks, or dust traces.

### **Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

#### D.1.10 Record Keeping Requirements

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- (a) To document compliance with Condition D.1.7, the Permittee shall maintain a daily record of visible emission notations of the stacks exhausts from baghouse C-1 controlling Truck Only Receiving, identified as P-1 (P1A & P1B) and Conveyor Leg (P1D), baghouse C-2 controlling Grain Storage/Handling Areas, identified as P3 and baghouse C-3 controlling Receiving Pit, identified as P1C. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation, (e.g. the process did not operate that day).
- (b) To document compliance with Condition D.1.8, the Permittee shall maintain a daily record of the pressure drop across each of the baghouses controlling the Truck Only Receiving, identified as P-1 (P1A & P1B) and Conveyor Leg (P1D), Receiving Pit, identified as P1C, and the Grain Storage/Handling Areas, identified as P3.
- (c) To document compliance with Condition D.1.1, the Permittee shall maintain monthly records of the grain throughput to the merchandising emission units.

- (d) To document compliance with Condition D.1.2, the Permittee shall maintain monthly records of the natural gas fired to the two grain dryers, identified as P4 and P4A.
- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.1.11 Reporting Requirements

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- (a) A monthly summary of the information to document compliance with Condition D.1.1, shall be submitted quarterly to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.
- (b) A monthly summary of the information to document compliance with Condition D.1.2, shall be submitted quarterly to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

The reports submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
PART 70 OPERATING PERMIT**

Source Name: Consolidated Grain & Barge  
Source Address: 2801 Bluff Road, Mt. Vernon, Indiana 47620  
Mailing Address: P.O. Box 547, Mt. Vernon, IN 47620  
Part 70 Permit No.: TV 129-24928-00014

**This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.**

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify)
- Report (specify)
- Notification (specify)
- Affidavit (specify)
- Other (specify)

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE AND ENFORCEMENT BRANCH  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251  
Phone: 317-233-0178  
Fax: 317-233-6865**

**PART 70 OPERATING PERMIT  
EMERGENCY OCCURRENCE REPORT**

Source Name: Consolidated Grain & Barge  
Source Address: 2801 Bluff Road, Mt. Vernon, Indiana 47620  
Mailing Address: P.O. Box 547, Mt. Vernon, IN 47620  
Part 70 Permit No.: TV 129-24928-00014

**This form consists of 2 pages**

**Page 1 of 2**

- |   |
|---|
| <p><input type="checkbox"/> This is an emergency as defined in 326 IAC 2-7-1(12)</p> <ul style="list-style-type: none"><li>• The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and</li><li>• The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16.</li></ul> |
|---|

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

**Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency?    Y    N
Type of Pollutants Emitted: TSP, PM-10, SO <sub>2</sub> , VOC, NO <sub>x</sub> , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

A certification is not required for this report.

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

**Part 70 Quarterly Submittal Report**

Source Name: Consolidated Grain and Barge, Co.  
 Source Address: 2801 Bluff Road, Mt. Vernon, Indiana 47620  
 Mailing Address: P. O. Box 548, Mt. Vernon, Indiana 47620  
 Part 70 Permit No.: 129-24928-00014  
 Facilities: As listed in below table  
 Parameter: PM and PM<sub>10</sub>  
 Limits: Condition D.1.1 - Shall not exceed the grain throughput limits as listed in below table in tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

MONTH: \_\_\_\_\_ YEAR: \_\_\_\_\_

Emission Unit	Grain Throughput Limits (tons/year)	Grain Throughput Tons This Month	Grain Throughput Tons Previous 11 Months	Grain Throughput Tons 12 Month Total
Truck Receiving and Receiving Pit (P1A & P1B)	2,000,000			
Truck Receiving and Receiving Pit (P1C)	2,000,000			
Conveyor Leg (P1D)	2,000,000			
Rail/HB and Hopper Truck Receiving (P2)	784,000			
Grain Storage/ Handling (P3)	3,000,000			
Grain Drying process (Dryer P4)	160,000			
Grain Drying process (Dryer P4A)	200,000			
Grain Barge Loadout (P5)	800,000			
Grain Truck Loadout (P6A)	56,000			
Enclosed Reclaim Conveyor Leg (P6B)	300,000			
North Merchandising House Receiving (P7)	56,000			
North Merchandising House Conveying (P8)	56,000			
North Merchandising House Enclosed Conveying (P8B)	56,000			
North Merchandising House Loadout (P9)	56,000			
North Merchandising House Loadout (Hopper Truck - P9B)	56,000			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.  
 Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_  
 Title / Position: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**Part 70 Usage Quarterly Submittal Report**

Source Name: Consolidated Grain & Barge  
Source Address: 2801 Bluff Road, Mt. Vernon, Indiana 47620  
Mailing Address: P.O. Box 547, Mt. Vernon, IN 47620  
Part 70 Permit No.: TV 129-24928-00014  
Facility: Grain Dryers (P4 & P4A)  
Parameter: Natural Gas Fuel Usage for NOx limit  
Limit: Condition D.1.2(c) - Shall not exceed 504 million cubic feet per twelve (12) consecutive month period, with compliance at the end of each month.

Month: \_\_\_\_\_ Year: \_\_\_\_\_

Month	Column 1	Column 2	Column 1 + 2
	Natural Gas Usage This Month (cubic feet)	Natural Gas Usage Previous 11 Months (cubic feet)	Natural Gas Usage Total 12 Months (cubic feet)
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.  
Deviation has been reported on.

Submitted by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE AND ENFORCEMENT BRANCH  
PART 70 OPERATING PERMIT  
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Consolidated Grain & Barge  
Source Address: 2801 Bluff Road, Mt. Vernon, Indiana 47620  
Mailing Address: P.O. Box 547, Mt. Vernon, IN 47620  
Part 70 Permit No.: TV 129-24928-00014

Months: \_\_\_\_\_ to \_\_\_\_\_ Year: \_\_\_\_\_

Page 1 of 2

<p>This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".</p>	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
<b>Permit Requirement (specify permit condition #)</b>	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	
<b>Permit Requirement (specify permit condition #)</b>	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	

<b>Permit Requirement (specify permit condition #)</b>	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	
<b>Permit Requirement (specify permit condition #)</b>	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	
<b>Permit Requirement (specify permit condition #)</b>	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	

Form Completed by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**Technical Support Document (TSD) for a  
Part 70 Administrative Amendment**

**Source Description and Location**

<b>Source Name:</b>	<b>Consolidated Grain &amp; Barge Co.</b>
<b>Source Location:</b>	<b>2801 Bluff Road, Mt. Vernon, Indiana 47620</b>
<b>Mailing Address:</b>	<b>P.O. Box 547, Mt. Vernon, Indiana 47620</b>
<b>County:</b>	<b>Posey</b>
<b>SIC Code:</b>	<b>5153</b>
<b>Operating Permit No.:</b>	<b>129-24928-00014</b>
<b>Operating Permit Issuance Date:</b>	<b>September 20, 2007</b>
<b>Administrative Amendment No.:</b>	<b>129-27711-00014</b>
<b>Permit Reviewer:</b>	<b>Syed Jaffery</b>

**Source Definition**

This grain elevator and ethanol production company consists of two (2) plants:

- (a) Plant 1 - Aventine Renewable Energy – Mt. Vernon LLC is located at 2751 Bluff Road, Mt. Vernon, Indiana 47620; and
- (b) Plant 2 (Supporting Source) - Consolidated Grain & Barge Co. is located at 2801 Bluff Road, Mt. Vernon, Indiana 47620.

The proposed Aventine ethanol plant will be located adjacent to Consolidated Grain & Barge's existing grain elevator at the Port of Indiana Maritime Center (the Port). IDEM, OAQ examined whether these two plants should be considered one "major source" as defined at 326 IAC 2-7-1(22). In order for these two plants to be considered one major source, they must meet all three of the following criteria:

- (a) the plants must be under common ownership or common control;
- (b) the plants must have the same two-digit Standard Industrial Classification (SIC) Code or one must serve as a support facility for the other; and,
- (c) the plants must be located on contiguous or adjacent properties.

The owner of the proposed Aventine ethanol plant (129-00051) has entered into an agreement with Consolidated Grain & Barge Co. Under the agreement, Consolidated Grain & Barge Co. will send corn to the Aventine plant, mainly from Consolidated Grain & Barge plant number 129-00014 (Plant 14) located at the Port adjacent to the proposed Aventine site. Plant 14's current output includes milo, wheat, soybeans and corn, but at least 90% of its current total output is corn. Consolidated Grain & Barge estimates that 99% of the corn output from Plant 14 will go directly to Aventine. Consolidated Grain & Barge Co. may also provide corn to Aventine directly from other Consolidated Grain & Barge Co. plants or even purchase it from other companies and ship it directly to Aventine.

The Aventine plant will produce ethanol and, as a by-product, Dry Distillers Grain with Solubles (DDGS). Aventine will ship out some ethanol and DDGS by rail and truck. However, Consolidated

Grain & Barge Co. will be responsible for loading all the ethanol and DDGS that is shipped by barge using facilities at Plant 14.

Under the agreement between Aventine and Consolidated Grain & Barge, Consolidated Grain & Barge will be the exclusive grain originator and DDGS export marketer for the Aventine plant, as well as the sole provider of ethanol and DDGS loading at the site.

IDEM's Nonrule Policy Document Air-005-NPD, discusses how the relationship between sources that are not commonly owned can show that the sources are under common control. The first test looks at whether one source is an auxiliary activity which directly serves the purpose of a second source, where the second source has a major role in the day-to-day operation of the auxiliary source. The United States Environmental Protection Agency (U.S. EPA) has made a similar recognition of the creation of common control, including where contracts create support/dependency relationships between two sources. Long standing and often cited guidance in this area comes from a U.S. EPA Region VII letter, dated September 18, 1995, to Peter R. Hamlin of the Iowa Department of Natural Resources. This letter is found at <http://www.epa.gov/region07/programs/artd/air/nsr/nsrmemos/control.pdf> on the internet. The Hamlin letter sets out a "not exhaustive" list of questions to explore when determining whether two sources are under common control. Two of those questions are pertinent here:

- (a) Do the facilities share intermediates, products, byproducts or other manufacturing equipment?
- (b) Can the new source purchase raw material from and sell products or byproducts to other customers?

Aventine and Consolidated Grain & Barge Plant 14 will share products, corn and ethanol, as well as a byproduct, DDGS. Aventine must purchase all of its corn from Consolidated Grain & Barge and must allow Consolidated Grain & Barge to market all of its DDGS that is exported. In addition, Aventine relies on Plant 14 to provide all ethanol and DDGS barge loading using Plant 14's equipment. The dependency of the Aventine plant on Plant 14's grain output and loading facilities, as well as the other contractual obligations, supports a finding that the two plants are under common control.

The plants have different two-digit SIC codes. The Aventine plant belongs to the two digit Major Group 28, for Chemicals and Allied Products. Consolidated Grain & Barge Plant 14 belongs to the two digit Major Group 51, for Wholesale Trade-Nondurable Goods. However, Plant 14 will be sending more than 50% of its total output to the Aventine plant. Pursuant to 326 IAC 2-7-1(22), Plant 14 is a support facility to the Aventine plant.

The two plants will be located on adjacent properties, so the third and final part of the major source definition is met. IDEM, OAQ finds that the proposed Aventine ethanol plant and Consolidated Grain & Barge Plant 14 are one major source.

#### Existing Approvals

The source was issued Part 70 Operating Permit No. 129-24928-00014 on September 20, 2007; since then the source has not received any other approval.

<b>County Attainment Status</b>
---------------------------------

The source is located in Posey County.

Pollutant	Designation
SO <sub>2</sub>	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O <sub>3</sub>	Unclassifiable or attainment effective June 15, 2004, for the 8-hour ozone standard. <sup>1</sup>
PM <sub>10</sub>	Unclassifiable effective November 15, 1990.
NO <sub>2</sub>	Cannot be classified or better than national standards.
Pb	Not designated.
<sup>1</sup> Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005. Unclassifiable or attainment effective April 5, 2005, for PM2.5.	

(a) Ozone Standards

- (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
- (2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, and St. Joseph as attainment for the 8-hour ozone standard.
- (3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Clark, Elkhart, Floyd, LaPorte, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, Shelby, and St. Joseph as attainment for the 8-hour ozone standard.
- (4) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) 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 NOx emissions are considered when evaluating the rule applicability relating to ozone. Posey County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) PM2.5

Posey County has been classified as attainment for PM2.5. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM2.5 emissions, and the effective date of these rules was July 15<sup>th</sup>, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM2.5 emissions until 326 IAC 2-2 is revised.

(c) Other Criteria Pollutants

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

(d) Fugitive Emissions

Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

The proposed source includes a grain elevator, an ethanol production operations, and package boilers which support the ethanol plant with a total heat input rating of greater than 250 million British thermal units per hour (MMBtu/hr).

- (1) EPA published a final rule in the Federal Register on May 1, 2007, that excluded ethanol production facilities, that produce ethanol through natural fermentation, from the major source category "Chemical Process Plants". Therefore, their fugitive emissions, are no longer counted toward determination of PSD applicability.
- (2) The fugitive emissions from equipment leaks are not counted toward PSD applicability, because the applicable NSPS, VV was in effect after August 7, 1980.
- (3) The grain elevator has an applicable New Source Performance Standard that was in effect on August 7, 1980, therefore the fugitive emissions from affected source emission units are counted toward the determination of PSD applicability.
- (4) The package boilers with a total heat input rating of greater than 250 MMBtu/hr are considered one of the 28 listed source categories, based on the EPA guidance for "nesting activities". Therefore, any fugitive emissions from these boilers are counted toward PSD applicability.

<b>Source Status</b>
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The table below summarizes the potential to emit of the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

Pollutant	Emissions (ton/yr)
PM	198.64
PM <sub>10</sub>	128.89
PM <sub>2.5</sub>	128.89*
SO <sub>2</sub>	79.34
VOC	212.37
CO	247.50
NO <sub>x</sub>	214.50

\* PM<sub>2.5</sub> is assumed to be equal to PM<sub>10</sub>

- (a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).
- (b) These emissions are based upon Sourcewide Limited Potential To Emit table in the TSD for NSR/Part 70 Permit No. 129-24836-00051 of Aventine Renewable Energy. These are source wide cumulative values for Consolidated Grain & Barge Co. and collocated Aventine Renewable Energy.

The table below summarizes the potential to emit HAPs for the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

HAPs	Potential To Emit (ton/yr)
Single worst HAP	Greater than 10
Combined HAPs Total	Greater than 25

This existing source is a major source of HAPs, as defined in 40 CFR 63.2, because HAP emissions are greater than ten (10) tons per year for a single HAP and greater than twenty-five (25) tons per year for a combination of HAPs. Therefore, this source is a major source under Section 112 of the Clean Air Act (CAA).

#### Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2004 OAQ emission data.

Pollutant	Actual Emissions (ton/yr)
PM	58.76
PM <sub>10</sub>	34.31*
PM <sub>2.5</sub>	6.08
SO <sub>2</sub>	0.15
VOC	179.89
CO	20.64
NO <sub>x</sub>	24.57
Pb	1.23E-04
Hexane	175.7
Mercury	6.40E-05
Ammonia	0.786
Total HAPs	Not Reported

#### Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed a Part 70 Administrative Amendment application, submitted by Consolidated Grain & Barge Co. on April 2, 2009, relating to the construction of a grain storage bin with a capacity of 18,228 tons. The following is a description of the proposed emission unit:

- (a) One (1) Grain Storage Bin with an associated conveyor, identified as P10, with a maximum capacity of 18,228 tons, approved in 2009 for construction. This storage bin will enable the source to increase long-term storage ability within the source's existing limits.

#### Enforcement Issues

There are no pending enforcement actions related to this modification.

#### Emission Calculations

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

#### Permit Level Determination – Part 70

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source or emission unit 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, IDEM, or the appropriate local air pollution control agency.”

The following table is used to determine the appropriate permit level under 326 IAC 2-7-10.5. This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

<b>PTE Before Controls of the Modification</b>	
<b>Pollutant</b>	<b>Potential To Emit (ton/yr)</b>
PM	1.37
PM <sub>10</sub>	0.34
PM <sub>2.5</sub>	0.06
SO <sub>2</sub>	-
VOC	-
CO	-
NO <sub>x</sub>	-
HAPs	-

This modification will be incorporated into the part 70 Operating Permit through an administrative amendment issued pursuant to 326 IAC 2-7-11(a), because it incorporates an insignificant activity as defined in 326 IAC 2-7-1(21).

**Permit Level Determination – PSD**

The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this Part 70 Administrative Amendment, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

<b>Process / Emission Unit</b>	<b>Potential to Emit (ton/yr)</b>					
	<b>PM</b>	<b>PM<sub>10</sub></b>	<b>SO<sub>2</sub></b>	<b>VOC</b>	<b>CO</b>	<b>NO<sub>x</sub></b>
*Total source wide limited PTE before the modification (includes the processes and emission units at Consolidated Grain & Barge Co. and collocated Aventine Renewable Energy)	198.64	128.89	79.34	212.37	247.50	214.50
PTE from the proposed new grain storage bin with an associated conveyor (P10)	1.37	0.34	-	-	-	-
Total source wide limited PTE after the proposed modification	200.01	129.23	79.34	212.37	247.50	214.50
Major Source Threshold or Significant Level	250	250	250	250	250	250

\*Total source wide limited PTE before the modification values are from the TSD of Part 70 Operating Permit No. 129-24928-00014.

This modification to an existing minor stationary source is not major because the emissions increase is less than the PSD major source thresholds. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

### Federal Rule Applicability Determination

There are no new federal rules applicable to the source due to this modification.

#### **NSPS:**

- (a) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this proposed modification.

40 CFR Part 60 Subpart DD Standards of Performance for Grain is not applicable to the source due to this modification because the source has a storage capacity of less than 2.5 million bushels/year, and the construction of proposed storage bin will not increase the storage capacity of the source beyond 2.5 million bushels/year.

#### **NESHAP:**

- (b) There are no new National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in the proposed Administrative Amendment.

#### **CAM:**

- (c) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to new or modified emission units that involve a pollutant-specific emission unit and meet the following criteria:

- (1) has a potential to emit before controls equal to or greater than the Part 70 major source threshold for the pollutant involved;
- (2) is subject to an emission limitation or standard for that pollutant; and
- (3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The proposed new emission unit (P10) does not use a control device, therefore, the requirements of 40 CFR Part 64, CAM are not included for this unit in the permit as part of this proposed Administrative Amendment.

### State Rule Applicability Determination

There are no new state rules applicable to the source due to this modification.

#### **326 IAC 2-1.1-5 (Nonattainment New Source Review)**

The source is located in Posey County, which has a status of attainment for PM<sub>2.5</sub>, therefore, this rule is not applicable to this source.

#### **326 IAC 2-2 and 2-3 (PSD and Emission Offset)**

The proposed Administrative Amendment does not trigger the applicability of 326 IAC 2-2 to the source because the source is minor for PSD and the total source wide emissions after the modification will remain less than 250 tons per year.

#### **326 IAC 5-1 (Opacity Limitations)**

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity for sources shall meet the following, unless otherwise stated in this permit:

- (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

- (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

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

Pursuant to 326 IAC 6-3-2, the proposed new grain storage bin (P-10) is exempt from this rule because the potential to emit PM emissions will be less than 0.551 pounds per hour.

**326 IAC 6-4 (Fugitive Dust Emissions)**

Pursuant to 326 IAC 6-4, the source shall not generate fugitive dust to the extent that some portion of the material escapes beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located.

**Compliance Determination and Monitoring Requirements**

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions; however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

If the Compliance Determination Requirements 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 new Compliance Determination and Monitoring Requirements as a result of this modification

**Proposed Changes**

The changes listed below have been made to Part 70 Operating Permit No. 129-24928-00014. Deleted language appears as ~~strike throughs~~ and new language appears in **bold**:

*Change 1:*

*It has been determined that the proposed construction and operation of the new storage bin will not be a specifically regulated insignificant activity, therefore, the title of permit condition A.3 has been accordingly revised, and the new facility description has been added. The revised condition has been illustrated below:*

~~A.3 Specifically Regulated~~ Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(15)]

This source ~~does not currently have any~~ **also includes the following** insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) **One (1) Grain Storage Bin with an associated conveyor, identified as P10, with a maximum capacity of 18,228 tons, approved in 2009 for construction.**

Change 2:

*In Condition C.7 - Asbestos Abatement Projects Indiana Accredited Asbestos Inspector has been changed to Indiana Licensed Asbestos Inspector to match the language in 326 IAC 14-10-1(a).*

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

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...

- (g) Indiana ~~Accredited~~**Licensed** Asbestos Inspector  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana ~~Accredited~~**Licensed** Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana ~~Accredited~~**Licensed** Asbestos inspector is not federally enforceable.

Change 3

*Several of IDEM's Branches and sections have been renamed. Therefore, IDEM has updated the addresses listed in the permit. References to Permit Administration and Development Section and the Permits Branch have been changed to Permit Administration and Support Section. References to Asbestos Section, Compliance Data Section, Air Compliance Section, and Compliance Branch have been changed to Compliance and Enforcement Branch.*

**Indiana Department of Environmental Management  
Permit Administration and Support Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251**

**Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251**

<b>Conclusion and Recommendation</b>
--------------------------------------

The construction and operation of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Administrative Amendment No. 129-27711-00014. The staff recommends to the Commissioner that this Part 70 Administrative Amendment be approved.

**Appendix A: Emissions Calculations for Grain Storage Bin (P10)**

**Company Name:** Consolidated Grain & Barge, Co.  
**Address City IN Zip:** 2801 Bluff Road, Mt. Vernon, Indiana 47620  
**Administrative Amendment No.:** 129-27711-00014  
**Part 70 Operating Permit No.:** T129-24928-00014  
**Part 70 Operating Permit Issuance Date:** 9/20/07  
**Reviewer:** Syed Jaffery

Process	Annual Throughput (tons/yr)	PM Emission Factor (lbs/ton)	PM10 Emission Factor (lbs/ton)	PM2.5 Emission Factor (lbs/ton)	Control Efficiency	Uncontrolled Potential to Emit PM (tons/yr)	Uncontrolled Potential to Emit PM (lbs/hr)	Controlled & Limited Potential to Emit PM (tons/yr)	Uncontrolled Potential to Emit PM10 (tons/yr)	Controlled & Limited Potential to Emit PM10 (tons/yr)	Uncontrolled Potential to Emit PM2.5 (tons/yr)	Controlled & Limited Potential to Emit PM2.5 (tons/yr)
Truck Receiving and Receiving Pit (P1A & P1B)	2,000,000	0.18	0.059	0.01	95%	180.00	41.10	9.00	59.00	2.95	10.00	0.50
Truck Receiving and Receiving Pit (P1C)	2,000,000	0.18	0.059	0.01	95%	180.00	41.10	9.00	59.00	2.95	10.00	0.50
Conveyor Leg (P1D)	2,000,000	0.061	0.034	0.0058	95%	61.00	13.93	3.05	34.00	1.70	5.80	0.29
Rail/HB and Hopper Truck Receiving (P2)	784,000	0.035	0.0078	0.0013	0	13.72	3.13	13.72	3.06	3.06	0.51	0.51
Grain Handling (P3)	3,000,000	0.061	0.034	0.0058	95%	91.50	20.89	4.58	51.00	2.55	8.70	0.44
Grain Dryer (P4)	160,000	0.22	0.055	0.0094	0	17.60	4.02	17.60	4.4	4.4	0.75	0.75
Grain Dryer (P4A)	200,000	0.22	0.055	0.0094	0	22.00	5.02	22.00	5.50	5.5	0.94	0.94
Grain Barge Loadout (P5)	800,000	0.016	0.004	0.00055	0	6.40	1.46	6.40	1.6	1.6	0.22	0.22
Grain Truck Loadout (P6A)	56,000	0.086	0.029	0.0049	40%	2.41	0.55	1.44	0.81	0.49	0.14	0.08
Enclosed Reclaim Conveyor Leg (P6B)	300,000	0.061	0.034	0.0058	40%	9.15	2.09	5.49	5.10	3.06	0.87	0.522
North Merchandising House Receiving (P7)	56,000	0.035	0.0078	0.0013	0	0.98	0.22	0.98	0.22	0.22	0.04	0.04
North Merchandising House Conveying (P8)	56,000	0.061	0.034	0.0058	0	1.71	0.39	1.71	0.95	0.95	0.16	0.16
North Merchandising House Enclosed Conveying (P8B)	56,000	0.061	0.034	0.0058	0	1.71	0.39	1.71	0.95	0.95	0.16	0.16
North Merchandising House Loadout (P9)	56,000	0.086	0.029	0.0049	0	2.41	0.55	2.41	0.81	0.81	0.14	0.14
North Merchandising House Loadout (Hopper Truck - P9B)	56,000	0.086	0.029	0.0049	0	2.41	0.55	2.41	0.81	0.81	0.14	0.14
<b>Grain Storage Bin (P10)</b>	<b>109,368</b>	<b>0.025</b>	<b>0.0063</b>	<b>0.0011</b>	<b>0</b>	<b>1.37</b>	<b>0.31</b>	<b>1.37</b>	<b>0.34</b>	<b>0.34</b>	<b>0.06</b>	<b>0.06</b>
<b>TOTAL</b>						<b>594.36</b>	<b>135.70</b>	<b>102.86</b>	<b>227.56</b>	<b>32.35</b>	<b>38.62</b>	<b>5.45</b>

**Methodology**

Annual throughput (tons per year) x Emission Factor (lbs/ton) x (1 ton/2000 lbs) = Unrestricted Potential to Emit Before Controls (Tons Per Year)  
 Annual throughput for Grain Storage Bin (P10) = 54684 tpy x 2. The annual throughput for the proposed unit has been doubled to account for two (2) drop points.  
 Control Efficiency for Grain Storage Bin (P10) is considered to be zero.  
 Sources of emission factors (AP-42 Table 9.9.1-1, SCC 3-02-005-27, and SCC 3-02-005-30)  
 Source of emission factors for the proposed Grain Storage Bin (AP-42 Table 9.9.1-1, SCC 3-02-005-40)