



# 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: November 9, 2010

RE: Cargill Ag Horizons / 159-29647-00005

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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Jim Walker  
Cargill AgHorizons - Tipton Farm Service Center  
500 East State Road 28  
Tipton, IN 46072

November 9, 2010

Re: 159-29647-00005  
Second Administrative Amendment to  
F159-22807-00005

Dear Mr. Walker:

Cargill AgHorizons - Tipton Farm Service Center was issued Federally Enforceable State Operating Permit (FESOP) Renewal No. F159-22807-00005 on November 5, 2007 for a stationary wholesale grain processing operation located at 500 East State Road 28, Tipton, IN 46072. On September 7, 2010, the Office of Air Quality (OAQ) received an application from the source relating to construction and operation of a new grain bag storage system. This unit is not subject to the New Source Performance Standard for Grain Elevators, 40 CFR 60, Subpart DD (326 IAC 12) because it is not a grain handling operation as defined in 40 CFR 60.301(l). The addition of this unit to the permit is considered an administrative amendment, since the potential emissions of regulated criteria pollutants and hazardous air pollutants are less than the ranges specified 326 IAC 2-8-11.1(d)(4) and 326 IAC 2-8-11.1(f)(1)(G), respectively. The entire source will continue to limit PM emissions to less than two hundred-fifty (250) tons per year and PM10 emissions to less than one hundred (100) tons per twelve (12) consecutive month period, rendering the requirements of 326 IAC 2-7 not applicable. The addition of these units will not cause the source's potential to emit to be greater than the threshold levels specified in 326 IAC 2-2 or 326 IAC 2-3. Pursuant to the provisions of 326 IAC 2-8-10, the permit is hereby administratively amended as follows with the deleted language as ~~strikeouts~~ and new language **bolded**:

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities:

- (a) One (1) natural gas-fired infra-red radiant heater with a maximum heat input of 0.1 MMBtu per hour;
- (b) Application of oils, greases, lubricants, or other nonvolatile materials applied as temporary protective coatings;
- (c) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment;
- (d) Paved and unpaved roads and parking lots with public access [326 IAC 6-4]; and
- (e) Underground conveyors.
- (f) **One (1) grain bag storage system, approved for construction in 2010, with a maximum bag storage capacity of 800,000 bushels.**

SECTION D.1: EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:  
 ...

**Insignificant activities:**

**(f) One (1) grain bag storage system, approved for construction in 2010, with a maximum bag storage capacity of 800,000 bushels.**

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

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

(a) Pursuant to 326 IAC 6-3-2(e) the particulate emissions from the equipment listed in this section shall not exceed the pound per hour emission rate established below:

| Process/Facility                       | Process Weight Rate (ton/hr) | Process Weight Rate (lb/hr) | Emission Rate (lb/hr) |
|--|------------------------------|-----------------------------|-----------------------|
| <b>System 1</b>                        |                              |                             |                       |
| Truck Dump #1                          | 600                          | 1,200,000                   | 71.2                  |
| Truck Dump #1 to BC1                   | 600                          | 1,200,000                   | 71.2                  |
| BC1 to Leg 1                           | 600                          | 1,200,000                   | 71.2                  |
| DC1 to Leg 3 (see dryers)              | 300                          | 600,000                     | 63.0                  |
| BC1 to Leg 4 (25% of grain received)   | 300                          | 600,000                     | 63.0                  |
| Leg 3 to Dryer #1                      | 300                          | 600,000                     | 63.0                  |
| Dryer #2 to DC2N                       | 300                          | 600,000                     | 63.0                  |
| Leg 3 to DC8                           | 300                          | 600,000                     | 63.0                  |
| Dryer #1 to DC2N                       | 300                          | 600,000                     | 63.0                  |
| DC2S to Leg 4 (see receiving)          | 300                          | 600,000                     | 63.0                  |
| DC8 to Dryer #2                        | 300                          | 600,000                     | 63.0                  |
| DC2N to DC2S                           | 300                          | 600,000                     | 63.0                  |
| <b>System 2</b>                        |                              |                             |                       |
| Leg 1 to Rail Loadout (see loadout)    | 600                          | 1,200,000                   | 71.2                  |
| Leg 1 to Bins                          | 600                          | 1,200,000                   | 71.2                  |
| Leg 1 to BC2 (see transfer)            | 600                          | 1,200,000                   | 71.2                  |
| Leg 4 to DC3 (includes dryer recycle)  | 300                          | 600,000                     | 63.0                  |
| DC3 to Bins                            | 300                          | 600,000                     | 63.0                  |
| DC3 to DC4                             | 300                          | 600,000                     | 63.0                  |
| Leg 4 to BC2 (includes dryer recycle)  | 300                          | 600,000                     | 63.0                  |
| Leg 4 to Bins (includes dryer recycle) | 300                          | 600,000                     | 63.0                  |
| Leg 5 to Bins (45% of grain received)  | 450                          | 900,000                     | 67.7                  |
| Leg 5 to BC6 (45% of grain received)   | 450                          | 900,000                     | 67.7                  |
| BC6 to BC7                             | 600                          | 1,200,000                   | 71.2                  |
| DC7 to Bins                            | 600                          | 1,200,000                   | 71.2                  |
| Leg 5 to BC4 (see transfers)           | 450                          | 900,000                     | 67.7                  |
| Bins to DC1                            | 300                          | 600,000                     | 63.0                  |

| Process/Facility                                    | Process Weight Rate (ton/hr) | Process Weight Rate (lb/hr) | Emission Rate (lb/hr) |
|---|------------------------------|-----------------------------|-----------------------|
| BC2 to Bins   | 600                          | 1,200,000                   | 71.2                  |
| BC2 to BC3  | 600                          | 1,200,000                   | 71.2                  |
| BC3 to Bins   | 600                          | 1,200,000                   | 71.2                  |
| Tank 100 to BC11                                    | 1,200                        | 2,400,000                   | 80.0                  |
| Tank 200 to BC11                                    | 1,200                        | 2,400,000                   | 80.0                  |
| Tank 300 to BC12                                    | 1,200                        | 2,400,000                   | 80.0                  |
| Tank 400 to BC12                                    | 1,200                        | 2,400,000                   | 80.0                  |
| BC12 to BC11  | 1,200                        | 2,400,000                   | 80.0                  |
| BC11 to BC10  | 1,200                        | 2,400,000                   | 80.0                  |
| Bins to BC10  | 1,200                        | 2,400,000                   | 80.0                  |
| BC10 to Leg 1 (10% recycle)                         | 600                          | 1,200,000                   | 71.2                  |
| Conveyor Bins to BC14                               | 600                          | 1,200,000                   | 71.2                  |
| BC10 to Leg 2 (see loadout)                         | 600                          | 1,200,000                   | 71.2                  |
| Leg 2 to Scales                                     | 600                          | 1,200,000                   | 71.2                  |
| Scales to Rail Loadout                              | 600                          | 1,200,000                   | 71.2                  |
| Shipping to Rail Loadout                            | 1,200                        | 2,400,000                   | 80.0                  |
| Truck and Railcar Receiving                         | 600                          | 1,200,000                   | 71.2                  |
| Dump #3 to BC-13                                    | 600                          | 1,200,000                   | 71.2                  |
| BC13 to Leg 2                                       | 600                          | 1,200,000                   | 71.2                  |
| <b>System 3</b>                                     |                              |                             |                       |
| DC4 to Tank 100 (20% of DC3)                        | 300                          | 600,000                     | 63.0                  |
| BC3 to BC4  | 600                          | 1,200,000                   | 71.2                  |
| BC4 to Tank 100                                     | 600                          | 1,200,000                   | 71.2                  |
| BC4 to BC5  | 600                          | 1,200,000                   | 71.2                  |
| BC5 to Tank 200                                     | 600                          | 1,200,000                   | 71.2                  |
| BC5 to BC6  | 600                          | 1,200,000                   | 71.2                  |
| BC6 to Tank 300                                     | 600                          | 1,200,000                   | 71.2                  |
| BC6 to BC7  | 600                          | 1,200,000                   | 71.2                  |
| BC7 to Tank 400                                     | 600                          | 1,200,000                   | 71.2                  |
| <b>System 4</b>                                     |                              |                             |                       |
| Truck Dump #2                                       | 450                          | 900,000                     | 67.7                  |
| Truck Dump #2 to DC51                               | 450                          | 900,000                     | 67.7                  |
| DC51 to Leg 5                                       | 450                          | 900,000                     | 67.7                  |
| <b>Misc (Grain Dryers, Temporary Storage, etc.)</b> |                              |                             |                       |
| BC14 to Outdoor Storage Bunker                      | 600                          | 1,200,000                   | 71.2                  |
| BC 7 to Discharge Spout                             | 600                          | 1,200,000                   | 71.2                  |
| Discharge Spout to Pile #1                          | 600                          | 1,200,000                   | 71.2                  |
| Portable Conveyor to Pile #2                        | 200                          | 400,000                     | 58.5                  |
| Temporary Ground Pile #1                            | 600                          | 1,200,000                   | 71.2                  |
| Temporary Ground Pile #2                            | 600                          | 1,200,000                   | 71.2                  |
| <b>Grain Bag Storage System</b>                     | <b>240</b>                   | <b>480,000</b>              | <b>60.50</b>          |

IDEM, OAQ has decided to make additional revisions to the permit as described below in order to update the language to match the most current version of the applicable rule, to eliminate redundancy

within the permit, and to provide clarification regarding the requirements of these conditions.

1. 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".
2. Section A.1 of the permit and the reporting forms have been revised to remove all references to the source mailing address. IDEM, OAQ will continue to maintain records of the mailing address.
3. For clarity, IDEM has changed references to the general conditions: "in accordance with Section B", in accordance with Section C", or other similar language to "Section C...contains the Permittee's obligations with regard to the records required by this condition."
4. IDEM has decided that the phrases "no later than" and "not later than" are clearer than "within" in relation to the end of a timeline. Therefore all timelines have been switched to "no later than" or "not later than" except when the underlying rule states "within."
5. IDEM has decided to clarify throughout the permit that a certification needs to meet the requirements of 326 IAC 2-8-5(a)(1). In addition, IDEM has decided to remove the last sentence dealing with the need for certification from the forms because the conditions requiring the forms already addresses this issue.
6. IDEM has decided to clarify the certification requirements in Section B - Duty to Provide Information and Section B - Certification.
7. IDEM has decided to clarify the requirements of Section B – Preventive Maintenance Plan and to add a new paragraph (b) to handle a future situation where the Permittee adds units that need preventive maintenance plans.
8. IDEM has revised Section B - Emergency Provisions to delete paragraph (h). 326 IAC 2-8-4(3)(C)(ii) allows that deviations reported under an independent requirement do not have to be included in the Quarterly Deviation and Compliance Monitoring Report.
9. IDEM has decided that having a separate condition for the reporting of deviations is unnecessary. Therefore, IDEM has removed Section B - Deviation form Permit Requirements and Conditions and added the requirements of that condition to Section C - General Reporting Requirements. Paragraph (d) of Section C - General Reporting Requirements has been removed because IDEM already states the timeline and certification needs of each report in the condition requiring the report.
10. IDEM has revised Section B - Permit Renewal paragraph (c) to state which rule establishes the authority to set a deadline for the Permittee to submit additional information.
11. IDEM has added 326 IAC 5-1-1 to the exception clause of Section C - Opacity, since 326 IAC 5-1-1 does list exceptions.
12. IDEM has revised Section C - Incineration to more closely reflect the two underlying rules.
13. IDEM has revised the language of the Section C - Asbestos Abatement Projects to change the terminology "Accredited" to "Licensed" in order to match the rule.
14. IDEM has removed the first paragraph of Section C - Performance Testing as due to the fact that specific testing conditions elsewhere in the permit will specify the timeline and procedures.

15. IDEM has revised Section C - Compliance Monitoring. The reference to recordkeeping has been removed due to the fact that other conditions already address recordkeeping. The voice of the condition has been change to clearly indicate that it is the Permittee that must follow the requirements of the condition
16. IDEM has removed Section C - Monitoring Methods. The conditions that require the monitoring or testing, if required, state what methods shall be used.
17. IDEM has revised Section C - Response to Excursions or Exceedances. The introduction sentence has been added to clarify that it is only when an excursion or exceedance is detected that the requirements of this condition need to be followed. The word "excess" was added to the last sentence of paragraph (a) because the Permittee only has to minimize excess emissions. The middle of paragraph (b) has been deleted as it was duplicative of paragraph (a). The phrase "or are returning" was added to subparagraph (b)(2) as this is an acceptable response assuming the operation or emission unit does return to normal or its usual manner of operation. The phrase "within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable" was replaced with "normal or usual manner of operation" because the first phrase is just a limited list of the second phrase. The recordkeeping required by paragraph (e) was changed to require only records of the response because the previously listed items are required to be recorded elsewhere in the permit.
18. IDEM has revised Section C - Actions Related to Noncompliance Demonstrated by a Stack Test. The requirements to take response steps and minimize excess emissions have been removed because Section C - Response to Excursions or Exceedances already requires response steps related to exceedances and excess emissions minimization. The start of the timelines was switched from "the receipt of the test results" to "the date of the test." There was confusion if the "receipt" was by IDEM, the Permittee, or someone else. Since the start of the timelines has been moved up, the length of the timelines was increased. The new timelines require action within a comparable timeline; and the new timelines still ensure that the Permittee will return to compliance within a reasonable timeframe.
19. The voice of paragraph (b) of Section C - General Record Keeping Requirements has been changed to clearly indicate that it is the Permittee that must follow the requirements of the paragraph.
20. IDEM has decided to simplify the referencing in Section C - Compliance with 40 CFR 82 and 326 IAC 22-1.
21. IDEM has decided to clarify Section D - Testing Requirements.
22. IDEM has included the replacement of an instrument as an acceptable action in Section D - Parametric Monitoring.
23. The word "status" has been added to Section D - Record Keeping Requirements and Section D - Reporting Requirements. The Permittee has the obligation to document the compliance status. The wording has been revised to properly reflect this.
24. The phrase "of this permit" has been added to the paragraph of the Quarterly Deviation and Compliance Monitoring Report Form to match the underlying rule.
25. The requirements of the New Source Performance Standard (NSPS) has been moved from Section D.1 to Section E.1, with the full text of the NSPS being included as Attachment B of the permit.

Tipton, Indiana  
Permit Reviewer: Summer Keown

Administrative Amendment No. 159-29647-00005

The permit has been revised as follows with deleted language as strikeouts and new language **bolded**:

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A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary wholesale grain processing operation.

|                              |  |
|------------------------------|--|
| Source Address:              | 500 East State Road 28, Tipton, Indiana 46072  |
| Mailing Address:             | P.O. Box 337, Tipton, Indiana 46072  |
| General Source Phone Number: | (765) 675-7581   |
| SIC Code:                    | 5153   |
| County Location:             | Tipton   |
| Source Location Status:      | Attainment for all criteria pollutants   |
| Source Status:               | Federally Enforceable State Operating Permit Program<br>Minor Source, under PSD Rules<br>Minor Source, Section 112 of the Clean Air Act<br>Not 1 of 28 Source Categories |

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A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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

...

- (d) One (1) temporary grain storage system, constructed in 2006, consisting of the following:
- (1) One (1) enclosed grain handling operation from conveyor BC7 to discharge spout, with a maximum capacity of 600 tons per hour;
  - (2) One (1) discharge spout to temporary ground pile #1, with a maximum capacity of 600 tons per hour;
  - (3) One (1) portable conveyor to temporary ground pile #2, with a maximum capacity of 200 tons per hour;
  - (4) One (1) temporary ground pile #1, with a maximum throughput rate of 600 tons per hour and a maximum capacity storage capacity of 60,000 tons (2,000,000 bushels); and
  - (5) One (1) temporary ground pile #2, with a maximum throughput rate of 200 tons per hour and a maximum capacity storage capacity of 30,000 tons (1,000,000 bushels).

**Under 40 CFR 60, Subpart DD, emission units (a), (b) and (d) listed above are considered affected facilities. [40 CFR 60, Subpart DD]**

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SECTION B

GENERAL CONDITIONS

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B.1 Definitions [326 IAC 2-8-1]

~~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.~~

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B.2 Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

- (a) ~~This permit, 159-22807-00005, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-3-3. 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, until the renewal permit has been issued or denied.~~

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

~~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 2-8-6]~~

~~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 2-8-4(4)]~~

~~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 2-8-4(5)(D)]~~

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

~~B.7 Duty to Provide Information [326 IAC 2-8-4(5)(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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.~~
- ~~(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.~~

~~B.8 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]~~

- ~~(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 an "authorized individual" 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) An "authorized individual" is defined at 326 IAC 2-1.1-1(1)~~

~~B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]~~

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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. All 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 Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 ICGN 1003  
Indianapolis, Indiana 46204-2254~~

- ~~(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 2-8-4(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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]~~

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~~IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.~~

~~B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)][326 IAC 2-8-5(a)(1)]~~

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- ~~(a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:~~

- ~~(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;~~
- ~~(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and~~
- ~~(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.~~

- ~~(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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- ~~(c) — To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.~~

~~B.12 — Emergency Provisions [326 IAC 2-8-12]~~

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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 except as provided in 326 IAC 2-8-12.~~
- ~~(b) — An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or 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, 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~~

- ~~(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 Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2254~~

~~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 2-8-4(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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- ~~(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 2-8-3(c)(6) 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 2-8 and any other applicable rules.~~
  - ~~(g) — Operations may continue during an emergency only if the following conditions are met:
    - ~~(1) — 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.~~
    - ~~(2) — If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
      - ~~(A) — The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and~~
      - ~~(B) — Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.~~~~~~
- ~~Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.~~
- ~~(h) — The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.~~

~~B.13 — Prior Permits Superseded [326 IAC 2-1.1-9.5]~~

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~~(a) — All terms and conditions of permits established prior to 159-22807-00005 and issued pursuant to permitting programs approved into the state implementation plan have been either:~~

~~(1) — incorporated as originally stated,~~

~~(2) — revised, or~~

~~(3) — deleted.~~

~~(b) — All previous registrations and permits are superseded by this permit.~~

~~B.14 — Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]~~

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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 2-8-3(h) and 326 IAC 2-8-9.~~

~~B.15 — Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(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 Data Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2254~~

~~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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~(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 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]~~

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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 Federally Enforceable State 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 2-8-4(5)(C)] The notification by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~(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 2-8-8(a)]~~
- ~~(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 2-8-8(b)]~~
- ~~(d) The reopening and revision of this permit, under 326 IAC 2-8-8(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 2-8-8(c)]~~

~~B.17 Permit Renewal [326 IAC 2-8-3(h)]~~

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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 2-8-3. 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~Request for renewal shall be submitted to:~~

~~Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2254~~

- ~~(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 2-8 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 Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]~~

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- ~~(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 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  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2254

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (d) ~~The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]~~

~~B.19 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]~~

- (a) ~~The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d) 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 approval required by 326 IAC 2-8-11.1 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  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2254~~

~~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 2-8-15(b) through (d). 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 2-8-15(b)(2), (c)(1), and (d).~~

- (b) ~~Emission Trades [326 IAC 2-8-15(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 2-8-15(c).~~

~~(c) — Alternative Operating Scenarios [326 IAC 2-8-15(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 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.~~

~~(d) — 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.20 — Source Modification Requirement [326 IAC 2-8-11.1]~~

~~A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.~~

~~B.21 — Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]~~

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

~~(a) — Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;~~

~~(b) — As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;~~

~~(c) — As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;~~

~~(d) — As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and~~

~~(e) — As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.~~

~~B.22 — Transfer of Ownership or Operational Control [326 IAC 2-8-10]~~

~~(a) — The Permittee must comply with the requirements of 326 IAC 2-8-10 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  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2254

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

- (c) ~~The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]~~

~~B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][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) ~~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.24 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][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 2-8-4(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 Overall Source Limit [326 IAC 2-8]~~

~~The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.~~

- (a) ~~Pursuant to 326 IAC 2-8:~~

- (1) ~~The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period. This limitation shall make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.~~

- ~~(2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and~~
- ~~(3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty five (25) tons per twelve (12) consecutive month period.~~
- ~~(b) The potential to emit particulate matter (PM) from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period. This limitation shall make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.~~
- ~~(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.~~
- ~~(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.~~

~~C.3 Opacity [326 IAC 5-1]~~

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

- ~~(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.~~
- ~~(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.~~

~~C.4 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.5 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.6 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.7 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 February 12, 2007. The plan is included as Attachment A.~~

~~C.8 — Stack Height [326 IAC 1-7]~~

~~The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.~~

~~C.9 — Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]~~

~~(a) — Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos-containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.~~

~~(b) — The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:~~

~~(1) — When the amount of affected asbestos-containing material increases or decreases by at least twenty percent (20%); or~~

~~(2) — If there is a change in the following:~~

~~(A) — Asbestos removal or demolition start date;~~

~~(B) — Removal or demolition contractor; or~~

~~(C) — Waste disposal site.~~

~~(c) — The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).~~

~~(d) — The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).~~

~~All required notifications shall be submitted to:~~

~~Indiana Department of Environmental Management  
Asbestos Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2254~~

~~The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~(e) — Procedures for Asbestos Emission Control~~

~~The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.~~

- (f) ~~Demolition and Renovation~~  
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) ~~Indiana Accredited Asbestos Inspector~~  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

~~Testing Requirements [326 IAC 2-8-4(3)]~~

~~G.10 Performance Testing [326 IAC 3-6]~~

- (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 Data Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2254~~

~~no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- (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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- (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.11 Compliance Requirements [326 IAC 2-1.1-11]~~

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

~~Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]~~

~~C.12 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]~~

~~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 Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2254~~

~~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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

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

~~C.13 — 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.14 — Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]~~

~~(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 2-8-4][326 IAC 2-8-5(a)(1)]~~

~~C.15 — Risk Management Plan[326 IAC 2-8-4] [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.16 — Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]~~

~~(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.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]~~

- ~~(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 and 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]~~

~~C.18 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]~~

- ~~(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are~~

~~available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.~~

- (b) ~~Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.~~

~~C.19 General Reporting Requirements [326 IAC 2-8-4(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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- (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 Data Section, 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- (e) ~~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~~

~~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 B GENERAL CONDITIONS**

### **B.1 Definitions [326 IAC 2-8-1]**

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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 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]**

- 
- (a) This permit, F159-22807-00005, is issued for a fixed term of ten (10) 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, 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 2-8-6] [IC 13-17-12]**

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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 2-8-4(4)]**

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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 2-8-4(5)(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 2-8-4(5)(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. 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 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]**

---

- (a) A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:
- (1) it contains a certification by an "authorized individual", as defined by 326 IAC 2-1.1-1(1), and
  - (2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

**B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]**

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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. All 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
- (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.
- (d) 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 2-8-4(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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]**

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**IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.**

**B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)][326 IAC 2-8-5(a)(1)]**

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**(a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:**

- (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.**

**The Permittee shall implement the PMPs.**

**(b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).**

**The Permittee shall implement the PMPs.**

- (c) **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. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).**
- (d) **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.12 Emergency Provisions [326 IAC 2-8-12]**

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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 except as provided in 326 IAC 2-8-12.**
- (b) **An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or 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, 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 and Enforcement Branch), or  
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)  
Facsimile Number: 317-233-6865**

- (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 2-8-4(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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).**

- (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 2-8-3(c)(6) 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 2-8 and any other applicable rules.**
- (g) Operations may continue during an emergency only if the following conditions are met:**
  - (1) 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.**
  - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:**
    - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and**
    - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.**

**Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.**

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

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(a) All terms and conditions of permits established prior to F159-22807-00005 and issued pursuant to permitting programs approved into the state implementation plan have been either:

- (1) incorporated as originally stated,
- (2) revised, or
- (4) deleted.

(b) All previous registrations and permits are superseded by this permit.

**B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]**

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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 2-8-3(h) and 326 IAC 2-8-9.

**B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]**

---

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State 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 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(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 2-8-8(a)]

(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 2-8-8(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-8-8(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 2-8-8(c)]

**B.16 Permit Renewal [326 IAC 2-8-3(h)]**

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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 2-8-3. 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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 2-8 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, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

**B.17 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]**

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- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 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 does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

**B.18 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]**

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- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d) 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 approval required by 326 IAC 2-8-11.1 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 2-8-15(b) through (d). 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 2-8-15(b)(2), (c)(1), and (d).

- (b) Emission Trades [326 IAC 2-8-15(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 2-8-15(c).
- (c) Alternative Operating Scenarios [326 IAC 2-8-15(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 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (d) 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.19 Source Modification Requirement [326 IAC 2-8-11.1]**

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

**B.20 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]**

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

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;**
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;**
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;**
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and**
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.**

**B.21 Transfer of Ownership or Operational Control [326 IAC 2-8-10]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 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

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

**B.22 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]**

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- (a) The Permittee shall pay annual fees to IDEM, OAQ no later than 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) 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.23 Advanced Source Modification Approval [326 IAC 2-8-4(11)] [326 IAC 2-1.1-9]**

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- (a) The requirements to obtain a permit modification under 326 IAC 2-8-11.1 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3.
- (b) Pursuant to 326 IAC 2-1.1-9 any permit authorizing construction may be revoked if construction of the emission unit has not commenced within eighteen (18) months from the date of issuance of the permit, or if during the construction, work is suspended for a continuous period of one (1) year or more.

**B.24 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]**

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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 2-8-4(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 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.
- (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) Pursuant to 326 IAC 2-2 (PSD), potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.

(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.

(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

#### C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-1 (Applicability) and 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.4 Open Burning [326 IAC 4-1] [IC 13-17-9]**

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

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The Permittee shall not operate an incinerator except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

**C.6 Fugitive Dust Emissions [326 IAC 6-4]**

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

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

**C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]**

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- (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 61-53 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 that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (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.

**Testing Requirements [326 IAC 2-8-4(3)]**

**C.9 Performance Testing [326 IAC 3-6]**

- 
- (a) For performance testing required by this permit, 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (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.10 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 2-8-4][326 IAC 2-8-5(a)(1)]**

**C.11 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]**

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Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or of initial start-up, whichever is later, to begin such monitoring. If due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance or the date of initial startup, whichever is later, 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

**C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(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 2-8-4][326 IAC 2-8-5(a)(1)]**

**C.13 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]**

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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.14 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]**

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Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

- (a) The Permittee shall take reasonable response steps to 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 excess emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:
  - (1) initial inspection and evaluation;
  - (2) recording that operations returned or are returning 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 normal or usual manner of operation.
- (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 record the reasonable response steps taken.

**C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]**

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- (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 submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.

- (b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

#### Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

##### C.16 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

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- (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, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

##### C.17 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

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- (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 except that 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. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.
- (b) The address for report submittal is:  
  
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) 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.18 Compliance with 40 CFR 82 and 326 IAC 22-1**

**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 applicable standards for recycling and emissions reduction.**

### **SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS**

Emissions Unit Description:

...

- (d) One (1) temporary grain storage system, constructed in 2006, consisting of the following:**
- (1) One (1) enclosed grain handling operation from conveyor BC7 to discharge spout with a maximum capacity of 600 tons per hour;**
  - (2) One (1) discharge spout to temporary ground pile #1 with a maximum capacity of 600 tons per hour;**
  - (3) One (1) portable conveyor to temporary ground pile #2 with a maximum capacity of 200 tons per hour;**
  - (4) One (1) temporary ground pile #1 with a maximum throughput rate of 600 tons per hour and a maximum capacity storage capacity of 60,000 tons (2,000,000 bushels); and**
  - (5) One (1) temporary ground pile #2 with a maximum throughput rate of 200 tons per hour and a maximum capacity storage capacity of 30,000 tons (1,000,000 bushels).**

**Under 40 CFR 60, Subpart DD, emission units (a), (b) and (d) listed above are considered affected facilities. [40 CFR 60, Subpart DD]**

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

...

#### **D.1.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]**

**A Preventive Maintenance Plan, in accordance with Section B – Preventive Maintenance Plan, of this permit, is required for these facilities and their control devices. Section B – Preventive Maintenance Plan contains the Permittee’s obligation with regard to the Preventive Maintenance Plan required by this condition.**

...

#### **D.1.6 Testing Requirements [326 IAC 2-8-5(a)(1), (4)] [326 IAC 2-1.1-11]**

~~During the period~~ **Not later than** one-hundred eighty (180) days after **the** issuance of this FESOP, in order to demonstrate compliance with Condition D.1.2, the Permittee shall perform PM and PM-10 testing for one of the polypropylene baghouses (DS1 through DS4) utilizing methods as approved by the Commissioner. IDEM will select the specific baghouse for testing. These tests shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. PM-10 includes filterable and condensable PM-10. **Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures).** ~~Testing shall be conducted in accordance with~~ Section C - Performance Testing **contains the Permittee's obligation with regard to the performance testing required by this condition.**

...  
D.1.8 Parametric Monitoring

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The Permittee shall record the pressure drop across the baghouses (identified as DS1 through DS4) used in conjunction with the grain handling processes mentioned above, at least once per day when the processes are in operation. When for any one reading, the pressure drop across the baghouse is outside the normal range of 0.5 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps. ~~in accordance with Section C – Response to Excursions and Exceedances~~ **contains the Permittee's obligation with regard to the reasonable response steps required by this condition.** 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.

The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ and shall be calibrated at least once every six (6) months.

...  
D.1.10 Record Keeping Requirement

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- (a) Records maintained for (1) through (2) shall be taken monthly and shall be complete and sufficient to establish compliance with usage limits established in Condition D.1.2 and D.1.3. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
  - (1) To document **the** compliance **status** with Conditions D.1.3, the Permittee shall maintain records of the tons of grain processed.
  - (2) To document **the** compliance **status** with Conditions D.1.4, the Permittee shall maintain records of the tons of the grain transferred to temporary ground piles #1 and #2, respectively.
- (b) To document **the** compliance **status** with Conditions D.1.7(a), the Permittee shall maintain records of visible emission notations of the stack exhaust for each stack exhaust. 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, (i.e. the process did not operate that day).
- (c) To document **the** compliance **status** with Condition D.1.7(b), the Permittee shall maintain daily visible emission notations of the exhausts from of the discharge spout associated with temporary ground pile #1 and the portable conveyor associated with temporary ground pile #2. 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, (i.e. the process did not operate that day).

- (d) To document **the** compliance **status** with Condition D.1.8, the Permittee shall maintain daily records of the pressure drop across each baghouse. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading, (i.e. the process did not operate that day).
- (e) ~~All records shall be maintained in accordance with Section C - General Record Keeping Requirements,~~ of this permit **contains the Permittee's obligations with regard to the records required by this condition.**

...  
**D.1.11 Reporting Requirements**

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A quarterly summary of the information to document compliance **status** with Condition D.1.2 and D.1.3 shall be submitted ~~to the address 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~~ **not later than thirty (30) days** after the end of the quarter being reported. **Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition.** The report submitted by the Permittee does require ~~the a~~ certification **that meets the requirements of 326 IAC 2-8-5(a)(1)** by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**~~New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]~~**

~~D.1.12 General Provisions Relating to New Source Performance Standards [326 IAC 12-1-1] [40 CFR Part 60, Subpart A]~~

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- ~~(a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference as 326 IAC 12-1-1 for facilities described in this section except as otherwise specified in CFR Part 60, Subpart DD.~~
- ~~(b) Pursuant to 40 CFR 60.1, the Permittee shall submit all required notifications and reports to:~~

~~Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2254~~

~~D.1.13 Standards of Performance for Grain Elevators [40 CFR Part 60, Subpart DD] [326 IAC 12]~~

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~~Pursuant to 40 CFR Part 60, Subpart DD, the Permittee shall comply with the provisions of Standards of Performance for Grain Elevators, which are incorporated by reference as 326 IAC 12, for facilities described in this section as specified below:~~

**~~Subpart DD - Standards of Performance for Grain Elevators~~**

**~~Source:~~** 43 FR 34347, Aug. 3, 1978, unless otherwise noted.

**~~§ 60.300 - Applicability and designation of affected facility.~~**

~~(a) The provisions of this subpart apply to each affected facility at any grain terminal elevator or any grain storage elevator, except as provided under §60.304(b). The affected facilities are each truck unloading station, truck loading station, barge and ship unloading station, barge and ship loading station, railcar loading station, railcar unloading station, grain dryer, and all grain handling operations.~~

~~(b) Any facility under paragraph (a) of this section which commences construction, modification, or reconstruction after August 3, 1978, is subject to the requirements of this part.~~

[43 FR 34347, Aug. 3, 1978, as amended at 52 FR 42434, Nov. 5, 1988]

**§ 60.301—Definitions.**

As used in this subpart, all terms not defined herein shall have the meaning given them in the Act and in subpart A of this part.

(a) ~~Grain~~ means corn, wheat, sorghum, rice, rye, oats, barley, and soybeans.

(b) ~~Grain elevator~~ means any plant or installation at which grain is unloaded, handled, cleaned, dried, stored, or loaded.

(c) ~~Grain terminal elevator~~ means any grain elevator which has a permanent storage capacity of more than 88,100 m<sup>3</sup> (ca. 2.5 million U.S. bushels), except those located at animal food manufacturers, pet food manufacturers, cereal manufacturers, breweries, and livestock feedlots.

(d) ~~Permanent storage capacity~~ means grain storage capacity which is inside a building, bin, or silo.

(e) ~~Railcar~~ means railroad hopper car or boxcar.

(f) ~~Grain storage elevator~~ means any grain elevator located at any wheat flour mill, wet corn mill, dry corn mill (human consumption), rice mill, or soybean oil extraction plant which has a permanent grain storage capacity of 35,200 m<sup>3</sup> (ca. 1 million bushels).

(g) ~~Process emission~~ means the particulate matter which is collected by a capture system.

(h) ~~Fugitive emission~~ means the particulate matter which is not collected by a capture system and is released directly into the atmosphere from an affected facility at a grain elevator.

(i) ~~Capture system~~ means the equipment such as sheds, hoods, ducts, fans, dampers, etc. used to collect particulate matter generated by an affected facility at a grain elevator.

(j) ~~Grain unloading station~~ means that portion of a grain elevator where the grain is transferred from a truck, railcar, barge, or ship to a receiving hopper.

(k) ~~Grain loading station~~ means that portion of a grain elevator where the grain is transferred from the elevator to a truck, railcar, barge, or ship.

(l) ~~Grain handling operations~~ include bucket elevators or legs (excluding legs used to unload barges or ships), scale hoppers and surge bins (garners), turn heads, scalpors, cleaners, trippers, and the headhouse and other such structures.

(m) ~~Column dryer~~ means any equipment used to reduce the moisture content of grain in which the grain flows from the top to the bottom in one or more continuous packed columns between two perforated metal sheets.

(n) ~~Rack dryer~~ means any equipment used to reduce the moisture content of grain in which the grain flows from the top to the bottom in a cascading flow around rows of baffles (racks).

(o) ~~Unloading leg~~ means a device which includes a bucket-type elevator which is used to remove grain from a barge or ship.

[43 FR 34347, Aug. 3, 1978, as amended at 65 FR 61759, Oct. 17, 2000]

**§ 60.302—Standard for particulate matter.**

(a) On and after the 60th day of achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any gases which exhibit greater than 0 percent opacity from any:

(1) Column dryer with column plate perforation exceeding 2.4 mm diameter (ca. 0.094 inch).

~~(2) Rack dryer in which exhaust gases pass through a screen filter coarser than 50 mesh.~~

~~(b) On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility except a grain dryer any process emission which:~~

~~(1) Contains particulate matter in excess of 0.023 g/dscm (ca. 0.01 gr/dscf).~~

~~(2) Exhibits greater than 0 percent opacity.~~

~~(c) On and after the 60th day of achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emission from:~~

~~(1) Any individual truck unloading station, railcar unloading station, or railcar loading station, which exhibits greater than 5 percent opacity.~~

~~(2) Any grain handling operation which exhibits greater than 0 percent opacity.~~

~~(3) Any truck loading station which exhibits greater than 10 percent opacity.~~

~~(4) Any barge or ship loading station which exhibits greater than 20 percent opacity.~~

#### **§ 60.303 — Test methods and procedures.**

~~(a) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in paragraph (c) of this section.~~

~~(b) The owner or operator shall determine compliance with the particulate matter standards in §60.302 as follows:~~

~~(1) Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas. The sampling time and sample volume for each run shall be at least 60 minutes and 1.70 dscm (60 dscf). The probe and filter holder shall be operated without heaters.~~

~~(2) Method 2 shall be used to determine the ventilation volumetric flow rate.~~

~~(3) Method 9 and the procedures in §60.11 shall be used to determine opacity.~~

~~(c) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:~~

~~(1) For Method 5, Method 17 may be used.~~

[54 FR 6674, Feb. 14, 1989]

#### **§ 60.304 — Modifications.**

~~(a) The factor 6.5 shall be used in place of "annual asset guidelines repair allowance percentage," to determine whether a capital expenditure as defined by §60.2 has been made to an existing facility.~~

~~(b) The following physical changes or changes in the method of operation shall not by themselves be considered a modification of any existing facility:~~

~~(1) The addition of gravity loadout spouts to existing grain storage or grain transfer bins.~~

~~(2) The installation of automatic grain weighing scales.~~

~~(3) Replacement of motor and drive units driving existing grain handling equipment.~~

~~(4) The installation of permanent storage capacity with no increase in hourly grain handling capacity.~~

...

#### D.2.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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A Preventive Maintenance Plan, ~~in accordance with Section B - Preventive Maintenance Plan, of this permit,~~ is required for the grain dryers. **Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.**

...

#### D.2.6 Record Keeping Requirement

- 
- (a) To document **the** compliance **status** with Condition D.2.5, the Permittee shall maintain records of daily visible emission notations of the grain dryer stack exhausts. 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, (i.e. the process did not operate that day).
- (b) To document **the** compliance **status** with Condition D.2.2 and D.2.3, the Permittee shall maintain records of the tons of grain processed.
- (c) ~~All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit,~~ **contains the Permittee's obligations with regard to the records required by this condition.**

#### D.2.7 Reporting Requirements

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A quarterly summary of the information to document compliance with Condition D.2.2 and D.2.3 shall be submitted ~~to the address 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 no later than thirty (30) days** after the end of the quarter being reported. **Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition.** The report submitted by the Permittee does require ~~the~~ **a certification that meets the requirements of 326 IAC 2-8-5(a)(1)** by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

...

## SECTION E.1 EMISSIONS UNIT OPERATION CONDITIONS

### Emissions Unit Description:

- (a) Four (4) grain elevator systems, identified as emission units ID 1, 2, 3, and 4, with a maximum total throughput rate of 1,200,000 tons per year (40 million bushels at 60 pounds per bushel) of grain per year, each using a polypropylene baghouse for control, exhausting through four (4) stacks, identified as S-1, S-2, S-3, and S-4. The four systems are:
- (1) System 1, using a polypropylene baghouse, identified as DS-1, for particulate control, exhausting through a stack, identified as S-1. With the exception of Truck Dump #1, grain elevator System 1 is considered an affected source under the Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD). System 1 was constructed in 1976 and consists of the following emission units:
- (A) One (1) truck receiving area, identified as Truck Dump #1, with a maximum hourly capacity of 600 tons.
  - (B) Grain handling from Truck Dump #1 to Belt Con (BC-1) with a maximum hourly capacity of 600 tons;
  - (C) Grain handling from BC-1 to Leg 1 with a maximum hourly capacity of 600 tons;
  - (D) Grain handling from DC-1 to Leg 3 with a maximum hourly capacity of 300 tons;
  - (E) Grain handling from BC-1 to Leg 4 with a maximum hourly capacity of 300 tons;
  - (F) Grain handling from Leg 3 to Dryer #1 with a maximum hourly capacity of 300 tons;
  - (G) Grain handling from Dryer #2 to DC-2N with a maximum hourly capacity of 300 tons (this conveyor was added to the system in 1997);
  - (H) Grain handling from Leg 3 to DC-8 with a maximum hourly capacity of 300 tons (this conveyor was added to the system in 1997);
  - (I) Grain handling from Dryer #1 to DC-2N with a maximum hourly capacity of 300 tons;
  - (J) Grain handling from DC-2S to Leg 4 with a maximum hourly capacity of 300 tons;
  - (K) Grain handling from DC-8 to Dryer #2 with a maximum hourly capacity of 300 tons; and
  - (L) Grain handling from DC-2N to DC-2S with a maximum hourly capacity of 300 tons.
- (2) System 2, using a polypropylene baghouse, identified as DS-2, for particulate

**control, exhausting through a stack, identified as S-2. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD), grain elevator System 2 is considered an affected source. System 2 was constructed in 1976 and consists of the following emission units:**

- (A) Grain handling from Leg 1 to Rail loadout with a maximum hourly capacity of 600 tons;**
- (B) Grain handling from Leg 1 to Bins with a maximum hourly capacity of 600 tons;**
- (C) Grain handling from Leg 1 to BC-2 with a maximum hourly capacity of 600 tons;**
- (D) Grain handling from Leg 4 to DC-3 with a maximum hourly capacity of 300 tons;**
- (E) Grain handling from DC-3 to Bins with a maximum hourly capacity of 300 tons;**
- (F) Grain handling from DC-3 to DC-4 with a maximum hourly capacity of 300 tons;**
- (G) Grain handling from Leg 4 to BC-2 with a maximum hourly capacity of 300 tons;**
- (H) Grain handling from Leg 4 to Bins with a maximum hourly capacity of 300 tons;**
- (I) Grain handling from Leg 5 to Bins with a maximum hourly capacity of 450 tons;**
- (J) Grain handling from Leg 5 to BC-6 with a maximum hourly capacity of 450 tons;**
- (K) Grain handling from BC-6 to BC-7 with a maximum hourly capacity of 600 tons;**
- (L) Grain handling from BC-7 to Bins with a maximum hourly capacity of 600 tons;**
- (M) Grain handling from Leg 5 to BC-4 with a maximum hourly capacity of 450 tons;**
- (N) Grain handling from Bins to DC-1 with a maximum hourly capacity of 300 tons;**
- (O) Grain handling from BC-2 to Bins with a maximum hourly capacity of 600 tons;**
- (P) Grain handling from BC-2 to BC-3 with a maximum hourly capacity of 600 tons;**
- (Q) Grain handling from BC-3 to Bins with a maximum hourly capacity of 600**

- tons;
- (R) Grain handling from Tank 100 to BC-11 with a maximum hourly capacity of 1,200 tons;
  - (S) Grain handling from Tank 200 to BC-11 with a maximum hourly capacity of 1,200 tons;
  - (T) Totally enclosed grain handling from Tank 300 to BC-12 with a maximum hourly capacity of 1,200 tons;
  - (U) Totally enclosed grain handling from Tank 400 to BC-12 with a maximum hourly capacity of 1,200 tons (this conveyor was added to the system in 1994);
  - (V) Totally enclosed grain handling from BC-12 to BC-11 with a maximum hourly capacity of 1,200 tons;
  - (W) Totally enclosed grain handling from BC-11 to BC-10 with a maximum hourly capacity of 1,200 tons;
  - (X) Grain handling from Bins to BC-10 with a maximum hourly capacity of 1,200 tons;
  - (Y) Grain handling from BC-10 to Leg 1 with a maximum hourly capacity of 600 tons;
  - (Z) Grain handling from BC-10 to Leg 2 with a maximum hourly capacity of 600 tons;
  - (AA) Grain handling from Leg 2 to Scales with a maximum hourly capacity of 600 tons;
  - (BB) Grain handling from Scales to Rail Loadout with a maximum hourly capacity of 600 tons;
  - (CC) Grain handling from Shipping to Rail Loadout, with a maximum hourly capacity of 1,200 tons;
  - (DD) One (1) truck and railcar receiving area, identified as Truck/Rail Dump #3, with a maximum hourly capacity of 600 tons;
  - (EE) Grain handling from Truck/Rail Dump #3 to conveyor BC-13, with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 2006);
  - (FF) Grain handling from conveyor BC-13 to Leg 2, with a maximum hourly capacity of 600 tons; and
  - (GG) Grain handling from the conveyor bins to conveyor BC-14, with a maximum hourly capacity of 600 tons.
- (3) System 3, using a polypropylene baghouse, identified as DS-3, for particulate control, exhausting through a stack identified as S-3. Under NSPS Standards of

**Performance for Grain Elevators (40 CFR 60, Subpart DD), grain elevator System 3 is considered an affected source. System 3 was constructed in 1976 and consists of the following emission units:**

- (A) Grain handling from DC-4 to Tank 100 with a maximum hourly capacity of 300 tons;
- (B) Grain handling from BC-3 to BC-4 with a maximum hourly capacity of 600 tons;
- (C) Grain handling from BC-4 to Tank 100 with a maximum hourly capacity of 600 tons;
- (D) Totally enclosed grain handling from BC-4 to BC-5 with a maximum hourly capacity of 600 tons;
- (E) Totally enclosed grain handling from BC-5 to Tank 200 with a maximum hourly capacity of 600 tons;
- (F) Totally enclosed grain handling from BC-5 to BC-6 with a maximum hourly capacity of 600 tons;
- (G) Totally enclosed grain handling from BC-6 to Tank 300 with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 1997);
- (H) Totally enclosed grain handling from BC-6 to BC-7 with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 1997); and
- (I) Totally enclosed grain handling from BC-7 to Tank 400 with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 1997).

(4) **System 4 using a polypropylene baghouse, identified as DS-4, for particulate control, exhausting through a stack identified as S-4. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD), grain elevator System 4 is considered an affected source. System 4 was constructed in 1997 consists of the following emission units:**

- (A) One (1) truck receiving area, identified as Truck Dump #2, with a maximum hourly capacity of 450 tons. The truck unloading station is considered an affected source under the Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD). This facility was constructed in 1997.
- (B) Grain handling from Truck Dump #2 to DC-51 with a maximum hourly capacity of 450 tons; and
- (C) Grain handling from DC-51 to Leg 5 with a maximum hourly capacity of 450 tons.

(b) **One (1) outdoor grain storage bunker, identified as FS-4, with a maximum storage of 2.13 million bushels of grain, which includes grain handling from conveyor BC-14 to the storage bunker with a maximum hourly capacity of 600 tons. This bunker was constructed in 2006.**

**(d) One (1) temporary grain storage system, constructed in 2006, consisting of the following:**

- (1) One (1) enclosed grain handling operation from conveyor BC7 to discharge spout with a maximum capacity of 600 tons per hour;**
- (2) One (1) discharge spout to temporary ground pile #1 with a maximum capacity of 600 tons per hour;**
- (3) One (1) portable conveyor to temporary ground pile #2 with a maximum capacity of 200 tons per hour;**
- (4) One (1) temporary ground pile #1 with a maximum throughput rate of 600 tons per hour and a maximum capacity storage capacity of 60,000 tons (2,000,000 bushels); and**
- (5) One (1) temporary ground pile #2 with a maximum throughput rate of 200 tons per hour and a maximum capacity storage capacity of 30,000 tons (1,000,000 bushels).**

**Under 40 CFR 60, Subpart DD, emission units (a), (b) and (d) listed above are considered affected facilities. [40 CFR 60, Subpart DD]**

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

**E.1.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1-1] [40 CFR Part 60, Subpart A]**

Pursuant to 40 CFR 60, Subpart DD, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1, as specified in Table 8 of 40 CFR Part 60, Subpart DD in accordance with schedule in 40 CFR 60 Subpart DD.

**E.1.2 Standards of Performance for Grain Elevators [40 CFR Part 60, Subpart DD] [326 IAC 12]**

The Permittee, which operates a wholesale grain processing operation, shall comply with the following provisions of 40 CFR Part 60, Subpart DD (included as Attachment B of this permit):

- (a) Fugitive emissions from grain handling operations and Truck Dump #2 are subject to the following portions of Subpart DD:**
  - (1) 40 CFR 60.300**
  - (2) 40 CFR 61.301**
  - (3) 40 CFR 60.302(c)**
  - (4) 40 CFR 60.303**
  - (5) 40 CFR 60.304**
  
- (b) The polypropylene baghouses (DS-1, DS-2, DS-3, and DS-4) exhausting through four (4) stacks, identified as S-1, S-2, S-3, and S-4 are subject to the following portions of Subpart DD:**
  - (1) 40 CFR 60.300**
  - (2) 40 CFR 60.301**

(b) The polypropylene baghouses (DS-1, DS-2, DS-3, and DS-4) exhausting through four (4) stacks, identified as S-1, S-2, S-3, and S-4 are subject to the following portions of Subpart DD:

- (1) 40 CFR 60.300
- (2) 40 CFR 60.301
- (3) 40 CFR 60.302(b)
- (4) 40 CFR 60.303
- (5) 40 CFR 60.304

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements of this permit, 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".

...  
FESOP CERTIFICATION FORM:

...  
Mailing Address: \_\_\_\_\_ P.O. Box 337, Tipton, Indiana 46072

...  
FESOP EMERGENCY OCCURRENCE REPORT FORM:

...  
Mailing Address: \_\_\_\_\_ P.O. Box 337, Tipton, Indiana 46072

...  
A certification is not required for this report.

...  
FESOP QUARTERLY REPORT FORM:

...  
Mailing Address: \_\_\_\_\_ P.O. Box 337, Tipton, Indiana 46072

...  
Attach a signed certification to complete this report.

...  
FESOP QUARTERLY REPORT FORM:

...  
Mailing Address: \_\_\_\_\_ P.O. Box 337, Tipton, Indiana 46072

...  
Attach a signed certification to complete this report.

...  
FESOP QUARTERLY REPORT FORM:

...  
Mailing Address: \_\_\_\_\_ P.O. Box 337, Tipton, Indiana 46072

...  
Attach a signed certification to complete this report.

...  
FESOP QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT FORM:  
...

...  
Mailing Address: P.O. Box 337, Tipton, Indiana 46072  
...

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements of this permit, 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".

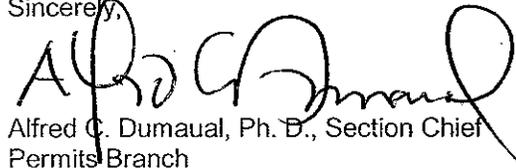
...  
Attach a signed certification to complete this report.  
...

All other conditions of the permit shall remain unchanged and in effect. Attached please find the entire revised permit.

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

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Summer Keown, of my staff, at 317-234-5175 or 1-800-451-6027, and ask for extension 4-5175.

Sincerely,



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

Attachments: Updated Permit

ACD/SJK

cc: File - Tipton County  
Tipton County Health Department  
U.S. EPA, Region V  
Compliance and Enforcement Branch  
Billing, Licensing and Training Section



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

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**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT  
RENEWAL  
OFFICE OF AIR QUALITY**

**Cargill AgHorizons - Tipton Farm Service Center  
500 East State Road 28  
Tipton, Indiana 46072**

(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.

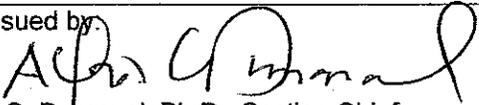
The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. It shall not be a defense for the Permittee in an 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 2-8 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.

Indiana statutes from IC 13 and rules from 326 IAC, quoted 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 FESOP under 326 IAC 2-8.

|   |  |
|---|--|
| Operation Permit No.: 159-22807-00005   |  |
| Original signed by Matt Stuckey for<br>Nisha Sizemore, Chief<br>Permits Branch<br>Office of Air Quality | Issuance Date: November 5, 2007<br><br>Expiration Date: November 5, 2017 |

First Minor Permit Revision No.: 159-23136-00005, issued on July 25, 2006  
First Administrative Amendment No.: 159-25800-00005, issued on January 28, 2008

|  |  |
|--|--|
| Second Administrative Amendment No.: 159-29647-00005   |  |
| Issued by<br><br>A.C. Dumaul, Ph.D., Section Chief<br>Permits Branch<br>Office of Air Quality | Issuance Date: November 9, 2010<br><br>Expiration Date: November 5, 2017 |

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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.4 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 2-8-3(b)]

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The Permittee owns and operates a stationary wholesale grain processing operation.

|                              |  |
|------------------------------|--|
| Source Address:              | 500 East State Road 28, Tipton, Indiana 46072  |
| General Source Phone Number: | (765) 675-7581   |
| SIC Code:                    | 5153   |
| County Location:             | Tipton   |
| Source Location Status:      | Attainment for all criteria pollutants   |
| Source Status:               | Federally Enforceable State Operating Permit Program<br>Minor Source, under PSD Rules<br>Minor Source, Section 112 of the Clean Air Act<br>Not 1 of 28 Source Categories |

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

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

- (a) Four (4) grain elevator systems, identified as emission units ID 1, 2, 3, and 4, with a maximum total throughput rate of 1,200,000 tons per year (40 million bushels at 60 pounds per bushel) of grain per year, using a polypropylene baghouse each for control, exhausting through four (4) stacks, identified as S-1, S-2, S-3, and S-4. The four systems are:
  - (1) System 1, using a polypropylene baghouse, identified as DS-1, for particulate control, exhausting through a stack, identified as S-1. With the exception of Truck Dump #1, the Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD) grain elevator System 1 is considered an affected source. System 1 was constructed in 1976 and consists of the following emission units:
    - (A) One (1) truck receiving area, identified as Truck Dump #1, with a maximum hourly capacity of 600 tons. This facility was constructed in 1976.
    - (B) Grain handling from Truck Dump #1 to Belt Con (BC-1), with a maximum hourly capacity of 600 tons;
    - (C) Grain handling from BC-1 to Leg 1 with a maximum hourly capacity of 600 pounds;
    - (D) Grain handling from DC-1 to Leg 3, with a maximum hourly capacity of 300 tons;
    - (E) Grain handling from BC-1 to Leg 4, with a maximum hourly capacity of 300 tons;

- (F) Grain handling from Leg 3 to Dryer #1, with a maximum hourly capacity of 300 tons;
  - (G) Grain handling from Dryer #2 to DC-2N, with a maximum hourly capacity of 300 tons, this conveyor was added to the system in 1997;
  - (H) Grain handling from Leg 3 to DC-8, with a maximum hourly capacity of 300 tons, this conveyor was added to the system in 1997;
  - (I) Grain handling from Dryer #1 to DC-2N, with a maximum hourly capacity of 300 tons;
  - (J) Grain handling from DC-2S to Leg 4, with a maximum hourly capacity of 300 tons;
  - (K) Grain handling from DC-8 to Dryer #2, with a maximum hourly capacity of 300 tons; and
  - (L) Grain handling from DC-2N to DC-2S, with a maximum hourly capacity of 300 tons.
- (2) System 2, using a polypropylene baghouse, identified as DS-2, for particulate control, exhausting through a stack, identified as S-2. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD) grain elevator System 2, is considered an affected source. System 2 was constructed in 1976 and consists of the following emission units:
- (A) Grain handling from Leg 1 to Rail loadout, with a maximum hourly capacity of 600 tons;
  - (B) Grain handling from Leg 1 to Bins, with a maximum hourly capacity of 600 tons;
  - (C) Grain handling from Leg 1 to BC-2 with a maximum hourly capacity of 600 tons;
  - (D) Grain handling from Leg 4 to DC-3, with a maximum hourly capacity of 300 tons;
  - (E) Grain handling from DC-3 to Bins, with a maximum hourly capacity of 300 tons;
  - (F) Grain handling from DC-3 to DC-4 with a maximum hourly capacity of 300 tons;
  - (G) Grain handling from Leg 4 to BC-2, with a maximum hourly capacity of 300 tons;
  - (H) Grain handling from Leg 4 to Bins, with a maximum hourly capacity of 300 tons;
  - (I) Grain handling from Leg 5 to Bins, with a maximum hourly capacity of 450 tons;
  - (J) Grain handling from Leg 5 to BC-6, with a maximum hourly capacity of 450 tons;

- (K) Grain handling from BC-6 to BC-7, with a maximum hourly capacity of 600 tons;
- (L) Grain handling from BC-7 to Bins, with a maximum hourly capacity of 600 tons;
- (M) Grain handling from Leg 5 to BC-4, with a maximum hourly capacity of 450 tons;
- (N) Grain handling from Bins to DC-1, with a maximum hourly capacity of 300 tons;
- (O) Grain handling from BC-2 to Bins with a maximum hourly capacity of 600 tons;
- (P) Grain handling from BC-2 to BC-3 with a maximum hourly capacity of 600 tons;
- (Q) Grain handling from BC-3 to Bins, with a maximum hourly capacity of 600 tons;
- (R) Grain handling from Tank 100 to BC-11, with a maximum hourly capacity of 1,200 tons;
- (S) Grain handling from Tank 200 to BC-11 with a maximum hourly capacity of 1,200 tons;
- (T) Totally enclosed grain handling from Tank 300 to BC-12 with a maximum hourly capacity of 1,200 tons;
- (U) Totally enclosed grain handling from Tank 400 to BC-12 with a maximum hourly capacity of 1,200 tons, this conveyor was added to the system in 1994;
- (V) Totally enclosed grain handling from BC-12 to BC-11 with a maximum hourly capacity of 1,200 tons;
- (W) Totally enclosed grain handling from BC-11 to BC-10 with a maximum hourly capacity of 1,200 tons;
- (X) Grain handling from Bins to BC-10 with a maximum hourly capacity of 1,200 tons;
- (Y) Grain handling from BC-10 to Leg 1 with a maximum hourly capacity of 600 tons;
- (Z) Grain handling from BC-10 to Leg 2 with a maximum hourly capacity of 600 tons;
- (AA) Grain handling from Leg 2 to Scales with a maximum hourly capacity of 600 tons;
- (BB) Grain handling from Scales to Rail Loadout with a maximum hourly capacity of 600 tons;

- (CC) Grain handling from Shipping to Rail Loadout, with a maximum hourly capacity of 1,200 tons;
  - (DD) One (1) truck and railcar receiving area, identified as Truck/Rail Dump #3, with a maximum hourly capacity of 600 tons;
  - (EE) Grain handling from Truck/Rail Dump #3 to conveyor BC-13, with a maximum hourly capacity of 600 tons, this conveyor was added to the system in 2006;
  - (FF) Grain handling from conveyor BC-13 to Leg 2, with a maximum hourly capacity of 600 tons; and
  - (GG) Grain handling from the conveyor bins to conveyor BC-14, with a maximum hourly capacity of 600 tons.
- (3) System 3, using a polypropylene baghouse, identified as DS-3, for particulate control, exhausting through a stack identified as S-3. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD) grain elevator System 3, is considered an affected source. System 3 was constructed in 1976 and consists of the following emission units:
- (A) Grain handling from DC-4 to Tank 100, with a maximum hourly capacity of 300 tons;
  - (B) Grain handling from BC-3 to BC-4 with a maximum hourly capacity of 600 tons;
  - (C) Grain handling from BC-4 to Tank 100 with a maximum hourly capacity of 600 tons;
  - (D) Totally enclosed grain handling from BC-4 to BC-5 with a maximum hourly capacity of 600 tons;
  - (E) Totally enclosed grain handling from BC-5 to Tank 200 with a maximum hourly capacity of 600 tons;
  - (F) Totally enclosed grain handling from BC-5 to BC-6 with a maximum hourly capacity of 600 tons;
  - (G) Totally enclosed grain handling from BC-6 to Tank 300 with a maximum hourly capacity of 600 tons, this conveyor was added to the system in 1997;
  - (H) Totally enclosed grain handling from BC-6 to BC-7 with a maximum hourly capacity of 600 tons, this conveyor was added to the system in 1997; and
  - (I) Totally enclosed grain handling from BC-7 to Tank 400 with a maximum hourly capacity of 600 tons, this conveyor was added to the system in 1997.
- (4) System 4 using a polypropylene baghouse, identified as DS-4, for particulate control, exhausting through a stack, identified as S-4. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD) grain elevator System 4, is considered an affected source. System 4 was constructed in 1997 and consists of the following emission units:

- (A) One (1) truck receiving area, identified as Truck Dump #2, with a maximum hourly capacity of 450 tons. The truck unloading station is considered an affected source of fugitive emissions under the Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD). This facility was constructed in 1997.
  - (B) Grain handling from Truck Dump #2 to DC-51, with a maximum hourly capacity of 450 tons; and
  - (C) Grain handling from DC-51 to Leg 5, with a maximum hourly capacity of 450 tons.
- (b) One (1) outdoor grain storage bunker, identified as FS-4, with a maximum storage of 2.13 million bushels of grain, which includes grain handling from conveyor BC-14 to the storage bunker with a maximum hourly capacity of 600 tons. This bunker was constructed in 2006.
  - (c) Two (2) grain dryers, identified as emission units ID 5 and 6, heated by natural gas, each with a heat input rate of forty five (45) million Btu (MMBtu) per hour, exhausting through one (1) stack each, identified as S-5 and S-6, respectively. Each grain dryer has a maximum throughput of 4,000 bushels per hour. Grain dryer #1 was constructed in 1976 and replaced in 1992. Grain dryer #2 was constructed in 1997.
  - (d) One (1) temporary grain storage system, constructed in 2006, consisting of the following:
    - (1) One (1) enclosed grain handling operation from conveyor BC7 to discharge spout, with a maximum capacity of 600 tons per hour;
    - (2) One (1) discharge spout to temporary ground pile #1, with a maximum capacity of 600 tons per hour;
    - (3) One (1) portable conveyor to temporary ground pile #2, with a maximum capacity of 200 tons per hour;
    - (4) One (1) temporary ground pile #1, with a maximum throughput rate of 600 tons per hour and a maximum capacity storage capacity of 60,000 tons (2,000,000 bushels); and
    - (5) One (1) temporary ground pile #2, with a maximum throughput rate of 200 tons per hour and a maximum capacity storage capacity of 30,000 tons (1,000,000 bushels).

Under 40 CFR 60, Subpart DD, emission units (a), (b) and (d) listed above are considered affected facilities. [40 CFR 60, Subpart DD]

### A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities:

- (a) One (1) natural gas-fired infra-red radiant heater with a maximum heat input of 0.1 MMBtu per hour;
- (b) Application of oils, greases, lubricants, or other nonvolatile materials applied as temporary protective coatings;

- (c) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment;
- (d) Paved and unpaved roads and parking lots with public access [326 IAC 6-4]; and
- (e) Underground conveyors.
- (f) One (1) grain bag storage system, approved for construction in 2010, with a maximum bag storage capacity of 800,000 bushels.

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) to renew a Federally Enforceable State Operating Permit (FESOP).

## SECTION B GENERAL CONDITIONS

### B.1 Definitions [326 IAC 2-8-1]

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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 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

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- (a) This permit, F159-22807-00005, is issued for a fixed term of ten (10) 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, 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 2-8-6] [IC 13-17-12]

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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 2-8-4(4)]

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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 2-8-4(5)(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 2-8-4(5)(E)]

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- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. 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 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]

- (a) A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:
- (1) it contains a certification by an "authorized individual", as defined by 326 IAC 2-1.1-1(1), and
  - (2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (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. All 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

- (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 2-8-4(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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]**

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IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

**B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)][326 IAC 2-8-5(a)(1)]**

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(a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:

- (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.

The Permittee shall implement the PMPs.

(b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

The Permittee shall implement the PMPs.

- (c) 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. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) 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.12 Emergency Provisions [326 IAC 2-8-12]**

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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 except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or 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, 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 and Enforcement Branch), or  
Telephone Number: 317-233-0178 (ask for Office of Air Quality,  
Compliance and Enforcement Branch)  
Facsimile Number: 317-233-6865

- (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 2-8-4(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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (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 2-8-3(c)(6) 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 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
  - (1) 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.
  - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
    - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
    - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

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

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- (a) All terms and conditions of permits established prior to F159-22807-00005 and issued pursuant to permitting programs approved into the state implementation plan have been either:
- (1) incorporated as originally stated,
  - (2) revised, or
  - (3) deleted.
- (b) All previous registrations and permits are superseded by this permit.

**B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]**

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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 2-8-3(h) and 326 IAC 2-8-9.

**B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]**

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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 Federally Enforceable State 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 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (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 2-8-8(a)]
- (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 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(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 2-8-8(c)]

**B.16 Permit Renewal [326 IAC 2-8-3(h)]**

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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 2-8-3. 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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 2-8 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, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

**B.17 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]**

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- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 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 does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.18 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d) 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 approval required by 326 IAC 2-8-11.1 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 2-8-15(b) through (d). 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 2-8-15(b)(2), (c)(1), and (d).
- (b) Emission Trades [326 IAC 2-8-15(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 2-8-15(c).
- (c) Alternative Operating Scenarios [326 IAC 2-8-15(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 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (d) 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.19 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.20 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

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

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.21 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 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

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.22 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ no later than 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) 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.23 Advanced Source Modification Approval [326 IAC 2-8-4(11)] [326 IAC 2-1.1-9]

- (a) The requirements to obtain a permit modification under 326 IAC 2-8-11.1 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3.
- (b) Pursuant to 326 IAC 2-1.1-9 any permit authorizing construction may be revoked if construction of the emission unit has not commenced within eighteen (18) months from the date of issuance of the permit, or if during the construction, work is suspended for a continuous period of one (1) year or more.

B.24 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][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 2-8-4(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 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.
- (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) Pursuant to 326 IAC 2-2 (PSD), potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.

(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.

(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

#### C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-1 (Applicability) and 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.4 Open Burning [326 IAC 4-1] [IC 13-17-9]

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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.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

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The Permittee shall not operate an incinerator except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

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

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

C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

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- (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 61-53 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 that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (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.

### **Testing Requirements [326 IAC 2-8-4(3)]**

#### **C.9 Performance Testing [326 IAC 3-6]**

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- (a) For performance testing required by this permit, 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (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.10 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 2-8-4][326 IAC 2-8-5(a)(1)]

### C.11 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

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Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or of initial start-up, whichever is later, to begin such monitoring. If due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance or the date of initial startup, whichever is later, 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

### C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(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 2-8-4][326 IAC 2-8-5(a)(1)]

### C.13 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

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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.14 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

- (a) The Permittee shall take reasonable response steps to 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 excess emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:
  - (1) initial inspection and evaluation;
  - (2) recording that operations returned or are returning 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 normal or usual manner of operation.
- (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 record the reasonable response steps taken.

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

- (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 submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.
- (b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) 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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

## Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

### C.16 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

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- (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, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

### C.17 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

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- (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 except that 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. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.
- (b) The address for report submittal is:  
  
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) 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.18 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 applicable standards for recycling and emissions reduction.

## SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

### Emissions Unit Description:

- (a) Four (4) grain elevator systems, identified as emission units ID 1, 2, 3, and 4, with a maximum total throughput rate of 1,200,000 tons per year (40 million bushels at 60 pounds per bushel) of grain per year, each using a polypropylene baghouse for control, exhausting through four (4) stacks, identified as S-1, S-2, S-3, and S-4. The four systems are:
- (1) System 1, using a polypropylene baghouse, identified as DS-1, for particulate control, exhausting through a stack, identified as S-1. With the exception of Truck Dump #1, grain elevator System 1 is considered an affected source under the Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD). System 1 was constructed in 1976 and consists of the following emission units:
- (A) One (1) truck receiving area, identified as Truck Dump #1, with a maximum hourly capacity of 600 tons.
  - (B) Grain handling from Truck Dump #1 to Belt Con (BC-1) with a maximum hourly capacity of 600 tons;
  - (C) Grain handling from BC-1 to Leg 1 with a maximum hourly capacity of 600 tons;
  - (D) Grain handling from DC-1 to Leg 3 with a maximum hourly capacity of 300 tons;
  - (E) Grain handling from BC-1 to Leg 4 with a maximum hourly capacity of 300 tons;
  - (F) Grain handling from Leg 3 to Dryer #1 with a maximum hourly capacity of 300 tons;
  - (G) Grain handling from Dryer #2 to DC-2N with a maximum hourly capacity of 300 tons (this conveyor was added to the system in 1997);
  - (H) Grain handling from Leg 3 to DC-8 with a maximum hourly capacity of 300 tons (this conveyor was added to the system in 1997);
  - (I) Grain handling from Dryer #1 to DC-2N with a maximum hourly capacity of 300 tons;
  - (J) Grain handling from DC-2S to Leg 4 with a maximum hourly capacity of 300 tons;
  - (K) Grain handling from DC-8 to Dryer #2 with a maximum hourly capacity of 300 tons; and
  - (L) Grain handling from DC-2N to DC-2S with a maximum hourly capacity of 300 tons.
- (2) System 2, using a polypropylene baghouse, identified as DS-2, for particulate control, exhausting through a stack, identified as S-2. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD), grain elevator System 2 is considered an affected source. System 2 was constructed in 1976 and consists of the following emission units:

- (A) Grain handling from Leg 1 to Rail loadout with a maximum hourly capacity of 600 tons;
- (B) Grain handling from Leg 1 to Bins with a maximum hourly capacity of 600 tons;
- (C) Grain handling from Leg 1 to BC-2 with a maximum hourly capacity of 600 tons;
- (D) Grain handling from Leg 4 to DC-3 with a maximum hourly capacity of 300 tons;
- (E) Grain handling from DC-3 to Bins with a maximum hourly capacity of 300 tons;
- (F) Grain handling from DC-3 to DC-4 with a maximum hourly capacity of 300 tons;
- (G) Grain handling from Leg 4 to BC-2 with a maximum hourly capacity of 300 tons;
- (H) Grain handling from Leg 4 to Bins with a maximum hourly capacity of 300 tons;
- (I) Grain handling from Leg 5 to Bins with a maximum hourly capacity of 450 tons;
- (J) Grain handling from Leg 5 to BC-6 with a maximum hourly capacity of 450 tons;
- (K) Grain handling from BC-6 to BC-7 with a maximum hourly capacity of 600 tons;
- (L) Grain handling from BC-7 to Bins with a maximum hourly capacity of 600 tons;
- (M) Grain handling from Leg 5 to BC-4 with a maximum hourly capacity of 450 tons;
- (N) Grain handling from Bins to DC-1 with a maximum hourly capacity of 300 tons;
- (O) Grain handling from BC-2 to Bins with a maximum hourly capacity of 600 tons;
- (P) Grain handling from BC-2 to BC-3 with a maximum hourly capacity of 600 tons;
- (Q) Grain handling from BC-3 to Bins with a maximum hourly capacity of 600 tons;
- (R) Grain handling from Tank 100 to BC-11 with a maximum hourly capacity of 1,200 tons;
- (S) Grain handling from Tank 200 to BC-11 with a maximum hourly capacity of 1,200 tons;
- (T) Totally enclosed grain handling from Tank 300 to BC-12 with a maximum hourly capacity of 1,200 tons;
- (U) Totally enclosed grain handling from Tank 400 to BC-12 with a maximum hourly capacity of 1,200 tons (this conveyor was added to the system in 1994);
- (V) Totally enclosed grain handling from BC-12 to BC-11 with a maximum hourly capacity of 1,200 tons;
- (W) Totally enclosed grain handling from BC-11 to BC-10 with a maximum hourly capacity of 1,200 tons;
- (X) Grain handling from Bins to BC-10 with a maximum hourly capacity of 1,200 tons;

- (Y) Grain handling from BC-10 to Leg 1 with a maximum hourly capacity of 600 tons;
  - (Z) Grain handling from BC-10 to Leg 2 with a maximum hourly capacity of 600 tons;
  - (AA) Grain handling from Leg 2 to Scales with a maximum hourly capacity of 600 tons;
  - (BB) Grain handling from Scales to Rail Loadout with a maximum hourly capacity of 600 tons;
  - (CC) Grain handling from Shipping to Rail Loadout, with a maximum hourly capacity of 1,200 tons;
  - (DD) One (1) truck and railcar receiving area, identified as Truck/Rail Dump #3, with a maximum hourly capacity of 600 tons;
  - (EE) Grain handling from Truck/Rail Dump #3 to conveyor BC-13, with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 2006);
  - (FF) Grain handling from conveyor BC-13 to Leg 2, with a maximum hourly capacity of 600 tons; and
  - (GG) Grain handling from the conveyor bins to conveyor BC-14, with a maximum hourly capacity of 600 tons.
- (3) System 3, using a polypropylene baghouse, identified as DS-3, for particulate control, exhausting through a stack identified as S-3. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD), grain elevator System 3 is considered an affected source. System 3 was constructed in 1976 and consists of the following emission units:
- (A) Grain handling from DC-4 to Tank 100 with a maximum hourly capacity of 300 tons;
  - (B) Grain handling from BC-3 to BC-4 with a maximum hourly capacity of 600 tons;
  - (C) Grain handling from BC-4 to Tank 100 with a maximum hourly capacity of 600 tons;
  - (D) Totally enclosed grain handling from BC-4 to BC-5 with a maximum hourly capacity of 600 tons;
  - (E) Totally enclosed grain handling from BC-5 to Tank 200 with a maximum hourly capacity of 600 tons;
  - (F) Totally enclosed grain handling from BC-5 to BC-6 with a maximum hourly capacity of 600 tons;
  - (G) Totally enclosed grain handling from BC-6 to Tank 300 with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 1997);

- (H) Totally enclosed grain handling from BC-6 to BC-7 with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 1997); and
- (I) Totally enclosed grain handling from BC-7 to Tank 400 with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 1997).
- (4) System 4 using a polypropylene baghouse, identified as DS-4, for particulate control, exhausting through a stack identified as S-4. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD), grain elevator System 4 is considered an affected source. System 4 was constructed in 1997 consists of the following emission units:
  - (A) One (1) truck receiving area, identified as Truck Dump #2, with a maximum hourly capacity of 450 tons. The truck unloading station is considered an affected source under the Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD). This facility was constructed in 1997.
  - (B) Grain handling from Truck Dump #2 to DC-51 with a maximum hourly capacity of 450 tons; and
  - (C) Grain handling from DC-51 to Leg 5 with a maximum hourly capacity of 450 tons.
- (b) One (1) outdoor grain storage bunker, identified as FS-4, with a maximum storage of 2.13 million bushels of grain, which includes grain handling from conveyor BC-14 to the storage bunker with a maximum hourly capacity of 600 tons. This bunker was constructed in 2006.
- (d) One (1) temporary grain storage system, constructed in 2006, consisting of the following:
  - (1) One (1) enclosed grain handling operation from conveyor BC7 to discharge spout with a maximum capacity of 600 tons per hour;
  - (2) One (1) discharge spout to temporary ground pile #1 with a maximum capacity of 600 tons per hour;
  - (3) One (1) portable conveyor to temporary ground pile #2 with a maximum capacity of 200 tons per hour;
  - (4) One (1) temporary ground pile #1 with a maximum throughput rate of 600 tons per hour and a maximum capacity storage capacity of 60,000 tons (2,000,000 bushels); and
  - (5) One (1) temporary ground pile #2 with a maximum throughput rate of 200 tons per hour and a maximum capacity storage capacity of 30,000 tons (1,000,000 bushels).

Under 40 CFR 60, Subpart DD, emission units (a), (b) and (d) listed above are considered affected facilities. [40 CFR 60, Subpart DD]

Insignificant activities:

- (f) One (1) grain bag storage system, approved for construction in 2010, with a maximum bag storage capacity of 800,000 bushels.

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

**Emission Limitations and Standards [326 IAC 2-8-4(1)]**

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

(a) Pursuant to 326 IAC 6-3-2(e) the particulate emissions from the equipment listed in this section shall not exceed the pound per hour emission rate established below:

| Process/Facility                       | Process Weight Rate (ton/hr) | Process Weight Rate (lb/hr) | Emission Rate (lb/hr) |
|--|------------------------------|-----------------------------|-----------------------|
| <b>System 1</b>                        |                              |                             |                       |
| Truck Dump #1                          | 600                          | 1,200,000                   | 71.2                  |
| Truck Dump #1 to BC1                   | 600                          | 1,200,000                   | 71.2                  |
| BC1 to Leg 1                           | 600                          | 1,200,000                   | 71.2                  |
| DC1 to Leg 3 (see dryers)              | 300                          | 600,000                     | 63.0                  |
| BC1 to Leg 4 (25% of grain received)   | 300                          | 600,000                     | 63.0                  |
| Leg 3 to Dryer #1                      | 300                          | 600,000                     | 63.0                  |
| Dryer #2 to DC2N                       | 300                          | 600,000                     | 63.0                  |
| Leg 3 to DC8                           | 300                          | 600,000                     | 63.0                  |
| Dryer #1 to DC2N                       | 300                          | 600,000                     | 63.0                  |
| DC2S to Leg 4 (see receiving)          | 300                          | 600,000                     | 63.0                  |
| DC8 to Dryer #2                        | 300                          | 600,000                     | 63.0                  |
| DC2N to DC2S                           | 300                          | 600,000                     | 63.0                  |
| <b>System 2</b>                        |                              |                             |                       |
| Leg 1 to Rail Loadout (see loadout)    | 600                          | 1,200,000                   | 71.2                  |
| Leg 1 to Bins                          | 600                          | 1,200,000                   | 71.2                  |
| Leg 1 to BC2 (see transfer)            | 600                          | 1,200,000                   | 71.2                  |
| Leg 4 to DC3 (includes dryer recycle)  | 300                          | 600,000                     | 63.0                  |
| DC3 to Bins                            | 300                          | 600,000                     | 63.0                  |
| DC3 to DC4                             | 300                          | 600,000                     | 63.0                  |
| Leg 4 to BC2 (includes dryer recycle)  | 300                          | 600,000                     | 63.0                  |
| Leg 4 to Bins (includes dryer recycle) | 300                          | 600,000                     | 63.0                  |
| Leg 5 to Bins (45% of grain received)  | 450                          | 900,000                     | 67.7                  |
| Leg 5 to BC6 (45% of grain received)   | 450                          | 900,000                     | 67.7                  |
| BC6 to BC7                             | 600                          | 1,200,000                   | 71.2                  |
| DC7 to Bins                            | 600                          | 1,200,000                   | 71.2                  |
| Leg 5 to BC4 (see transfers)           | 450                          | 900,000                     | 67.7                  |
| Bins to DC1                            | 300                          | 600,000                     | 63.0                  |
| BC2 to Bins                            | 600                          | 1,200,000                   | 71.2                  |
| BC2 to BC3                             | 600                          | 1,200,000                   | 71.2                  |
| BC3 to Bins                            | 600                          | 1,200,000                   | 71.2                  |
| Tank 100 to BC11                       | 1,200                        | 2,400,000                   | 80.0                  |
| Tank 200 to BC11                       | 1,200                        | 2,400,000                   | 80.0                  |
| Tank 300 to BC12                       | 1,200                        | 2,400,000                   | 80.0                  |
| Tank 400 to BC12                       | 1,200                        | 2,400,000                   | 80.0                  |
| BC12 to BC11                           | 1,200                        | 2,400,000                   | 80.0                  |
| BC11 to BC10                           | 1,200                        | 2,400,000                   | 80.0                  |
| Bins to BC10                           | 1,200                        | 2,400,000                   | 80.0                  |
| BC10 to Leg 1 (10% recycle)            | 600                          | 1,200,000                   | 71.2                  |

| Process/Facility                                    | Process Weight Rate (ton/hr) | Process Weight Rate (lb/hr) | Emission Rate (lb/hr) |
|---|------------------------------|-----------------------------|-----------------------|
| Conveyor Bins to BC14                               | 600                          | 1,200,000                   | 71.2                  |
| BC10 to Leg 2 (see loadout)                         | 600                          | 1,200,000                   | 71.2                  |
| Leg 2 to Scales                                     | 600                          | 1,200,000                   | 71.2                  |
| Scales to Rail Loadout                              | 600                          | 1,200,000                   | 71.2                  |
| Shipping to Rail Loadout                            | 1,200                        | 2,400,000                   | 80.0                  |
| Truck and Railcar Receiving                         | 600                          | 1,200,000                   | 71.2                  |
| Dump #3 to BC-13                                    | 600                          | 1,200,000                   | 71.2                  |
| BC13 to Leg 2                                       | 600                          | 1,200,000                   | 71.2                  |
| <b>System 3</b>                                     |                              |                             |                       |
| DC4 to Tank 100 (20% of DC3)                        | 300                          | 600,000                     | 63.0                  |
| BC3 to BC4  | 600                          | 1,200,000                   | 71.2                  |
| BC4 to Tank 100                                     | 600                          | 1,200,000                   | 71.2                  |
| BC4 to BC5  | 600                          | 1,200,000                   | 71.2                  |
| BC5 to Tank 200                                     | 600                          | 1,200,000                   | 71.2                  |
| BC5 to BC6  | 600                          | 1,200,000                   | 71.2                  |
| BC6 to Tank 300                                     | 600                          | 1,200,000                   | 71.2                  |
| BC6 to BC7  | 600                          | 1,200,000                   | 71.2                  |
| BC7 to Tank 400                                     | 600                          | 1,200,000                   | 71.2                  |
| <b>System 4</b>                                     |                              |                             |                       |
| Truck Dump #2                                       | 450                          | 900,000                     | 67.7                  |
| Truck Dump #2 to DC51                               | 450                          | 900,000                     | 67.7                  |
| DC51 to Leg 5                                       | 450                          | 900,000                     | 67.7                  |
| <b>Misc (Grain Dryers, Temporary Storage, etc.)</b> |                              |                             |                       |
| BC14 to Outdoor Storage Bunker                      | 600                          | 1,200,000                   | 71.2                  |
| BC 7 to Discharge Spout                             | 600                          | 1,200,000                   | 71.2                  |
| Discharge Spout to Pile #1                          | 600                          | 1,200,000                   | 71.2                  |
| Portable Conveyor to Pile #2                        | 200                          | 400,000                     | 58.5                  |
| Temporary Ground Pile #1                            | 600                          | 1,200,000                   | 71.2                  |
| Temporary Ground Pile #2                            | 600                          | 1,200,000                   | 71.2                  |
| Grain Bag Storage System                            | 240                          | 480,000                     | 60.50                 |

The emission limits are calculated using the following equation:

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(e)(3), when the process weight exceeds 200 tons per hour, the maximum allowable emission may exceed the emission limits shown in the table above, provided the concentration of particulate matter in the gas discharged to the atmosphere is less than 0.10 pounds per 1,000 pounds of gases.

**D.1.2 Prevention of Significant Deterioration (PSD) [326 IAC 2-2]**

Pursuant to 326 IAC 2-2, the Permittee shall comply with the following usage limits:

- (a) The PM emissions from the following units shall not exceed the emission limits listed in the table below:

| Unit Description | Baghouse                      | Stack | PM Emission Limit (lbs/hr) |
|------------------|-------------------------------|-------|----------------------------|
| System 1         | Polypropylene baghouse (DS-1) | S-1   | 1.95                       |
| System 2         | Polypropylene baghouse (DS-2) | S-2   | 3.79                       |
| System 3         | Polypropylene baghouse (DS-3) | S-3   | 0.34                       |
| System 4         | Polypropylene baghouse (DS-4) | S-4   | 1.20                       |

The total grain processed at this source shall be limited to 1,200,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month (40 million bushels at 60 pounds per bushel).

- (b) Pursuant to revision MPR159-23136-00005, issued on July 25, 2006, the Permittee shall comply with the following usage limits:
- (1) The temporary ground pile #1 throughput shall not exceed 60,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
  - (2) The temporary ground pile #2 throughput shall not exceed 30,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
  - (3) PM emissions shall not exceed 0.0027 lbs PM per ton of material processed.

Compliance with these limits, and the limits in Conditions D.1.3, D.2.2, and D.2.3 make 326 IAC 2-2 (PSD) not applicable.

**D.1.3 PM10 Limitations [326 IAC 2-2][326 IAC 2-8-4]**

Pursuant to 326 IAC 2-2 and 326 IAC 2-8-4, the Permittee shall comply with the following usage limits:

- (a) The PM10 emissions from the following units shall not exceed the emission limits listed in the table below:

| Unit Description | Baghouse                      | Stack | PM10 Emission Limit (lbs/hr) |
|------------------|-------------------------------|-------|------------------------------|
| System 1         | Polypropylene baghouse (DS-1) | S-1   | 1.95                         |
| System 2         | Polypropylene baghouse (DS-2) | S-2   | 3.79                         |
| System 3         | Polypropylene baghouse (DS-3) | S-3   | 0.34                         |
| System 4         | Polypropylene baghouse (DS-4) | S-4   | 1.20                         |

The total grain processed at this source shall be limited to 1,200,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month (40 million bushels at 60 pounds per bushel).

- (b) Pursuant to revision MPR159-23136-00005, issued on July 25, 2006, the Permittee shall comply with the following usage limits:
- (1) The temporary ground pile #1 throughput shall not exceed 60,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
  - (2) The temporary ground pile #2 throughput shall not exceed 30,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
  - (3) PM10 emissions shall not exceed 0.0013 lbs PM10 per ton of material processed.

Compliance with these limits, and the limits in Conditions D.1.2, D.2.2, and D.2.3 make 326 IAC 2-7 (Title V) and 326 IAC 2-2 (PSD) not applicable.

**D.1.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]**

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A Preventive Maintenance Plan is required for these facilities and their control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the Preventive Maintenance Plan required by this condition.

**Compliance Determination Requirements**

**D.1.5 Particulate Matter (PM)**

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- (a) In order to comply with D.1.1, D.1.2, and D.1.3, each baghouse shall be in operation at all times that its respective facility is in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

**D.1.6 Testing Requirements [326 IAC 2-8-5(a)(1), (4)] [326 IAC 2-1.1-11]**

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Not later than one-hundred eighty (180) days after the issuance of this FESOP, in order to demonstrate compliance with Condition D.1.2, the Permittee shall perform PM and PM-10 testing for one of the polypropylene baghouses (DS1 through DS4) utilizing methods as approved by the Commissioner. IDEM will select the specific baghouse for testing. These tests shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. PM-10 includes filterable and condensable PM-10. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

**Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]**

**D.1.7 Visible Emissions Notations**

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- (a) Daily visible emission notations of each stack exhaust (identified as S-1 through S-4) shall be performed during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

- (b) Daily visible emission notations of the exhausts of the discharge spout associated with temporary ground pile #1 and the portable conveyor associated with temporary ground pile #2 shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (c) 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.
- (d) 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.
- (e) 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.
- (f) 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 Parametric Monitoring

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The Permittee shall record the pressure drop across the baghouses (identified as DS1 through DS4) used in conjunction with the grain handling processes mentioned above, at least once per day when the processes are in operation. When for any one reading, the pressure drop across the baghouse is outside the normal range of 0.5 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ and shall be calibrated at least once every six (6) months.

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

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- (a) For a single compartment baghouses 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).
- (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 have 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 (or emissions unit – choose the most appropriate). 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 baghouses pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, dust traces or triboflows.

## Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

### D.1.10 Record Keeping Requirement

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- (a) Records maintained for (1) through (2) shall be taken monthly and shall be complete and sufficient to establish compliance with usage limits established in Condition D.1.2 and D.1.3. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
  - (1) To document the compliance status with Conditions D.1.3, the Permittee shall maintain records of the tons of grain processed.
  - (2) To document the compliance status with Conditions D.1.4, the Permittee shall maintain records of the tons of the grain transferred to temporary ground piles #1 and #2, respectively.
- (b) To document the compliance status with Conditions D.1.7(a), the Permittee shall maintain records of visible emission notations of the stack exhaust for each stack exhaust. 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, (i.e. the process did not operate that day).
- (c) To document the compliance status with Condition D.1.7(b), the Permittee shall maintain daily visible emission notations of the exhausts from of the discharge spout associated with temporary ground pile #1 and the portable conveyor associated with temporary ground pile #2. 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, (i.e. the process did not operate that day).
- (d) To document the compliance status with Condition D.1.8, the Permittee shall maintain daily records of the pressure drop across each baghouse. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading, (i.e. the process did not operate that day).
- (e) Section C - General Record Keeping Requirements; of this permit contains the Permittee's obligations with regard to the records required by this condition.

### D.1.11 Reporting Requirements

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A quarterly summary of the information to document compliance status with Condition D.1.2 and D.1.3 shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS**

**Emissions Unit Description:**

(c) Two (2) grain dryers, identified as emission units ID 5 and 6, heated by natural gas, each with a heat input rate of forty five (45) million Btu (MMBtu) per hour, exhausting through stacks S-5 and S-6, respectively. Each grain dryer has a maximum throughput of 120 tons per hour. Grain dryer #1 was constructed in 1976 and replaced in 1992. Grain dryer #2 was constructed in 1997.

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

**Emission Limitations and Standards [326 IAC 2-8-4(1)]**

**D.2.1 Particulate Matter (PM) [326 IAC 6-3-2]**

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the drying facilities shall not exceed the pound per hour emission rate shown below.

| Process/Facility | Process Weight Rate (ton/hr) | Process Weight Rate (lb/hr) | Emission Rate (lb/hr) |
|------------------|------------------------------|-----------------------------|-----------------------|
| Grain Dryer ID5  | 120                          | 240,000                     | 53.1                  |
| Grain Dryer ID6  | 120                          | 240,000                     | 53.1                  |

The pounds per hour limitation was calculated with the following equation:

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:

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

**D.2.2 Prevention of Significant Deterioration (PSD) [326 IAC 2-2]**

- (a) The total grain processed at this source shall be limited to 1,200,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month (40 million bushels at 60 pounds per bushel).
- (b) The PM emissions from the grain dryers shall not exceed 0.22 pounds per ton processed.

Compliance with these limits, and the limits in Conditions D.1.2, D.1.3, and D.2.3 make 326 IAC 2-2 (PSD) not applicable.

**D.2.3 PM10 Limitations [326 IAC 2-2][326 IAC 2-8-4]**

- (a) Pursuant to 326 IAC 2-8 (FESOP), the total grain processed at this source shall be limited to 1,200,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month (40 million bushels at 60 pounds per bushel).
- (b) The PM10 emissions from the grain dryers shall not exceed 0.055 pounds per ton processed.

Compliance with these limits, and the limits in Conditions D.1.2, D.1.3, and D.2.2 make 326 IAC 2-7 (Title V) not applicable.

#### D.2.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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A Preventive Maintenance Plan is required for the grain dryers. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

#### **Compliance Monitoring Requirements [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]**

#### D.2.5 Visible Emissions Notations

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- (a) Daily visible emission notations of the grain dryer stack exhausts (identified as S-5 and S-6) shall be performed 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.

#### **Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]**

#### D.2.6 Record Keeping Requirement

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- (a) To document the compliance status with Condition D.2.5, the Permittee shall maintain records of daily visible emission notations of the grain dryer stack exhausts. 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, (i.e. the process did not operate that day).
- (b) To document the compliance status with Condition D.2.2 and D.2.3, the Permittee shall maintain records of the tons of grain processed.
- (c) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

#### D.2.7 Reporting Requirements

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A quarterly summary of the information to document compliance with Condition D.2.2 and D.2.3 shall be submitted no later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

## SECTION E.1 EMISSIONS UNIT OPERATION CONDITIONS

### Emissions Unit Description:

- (a) Four (4) grain elevator systems, identified as emission units ID 1, 2, 3, and 4, with a maximum total throughput rate of 1,200,000 tons per year (40 million bushels at 60 pounds per bushel) of grain per year, each using a polypropylene baghouse for control, exhausting through four (4) stacks, identified as S-1, S-2, S-3, and S-4. The four systems are:
- (1) System 1, using a polypropylene baghouse, identified as DS-1, for particulate control, exhausting through a stack, identified as S-1. With the exception of Truck Dump #1, grain elevator System 1 is considered an affected source under the Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD). System 1 was constructed in 1976 and consists of the following emission units:
- (A) One (1) truck receiving area, identified as Truck Dump #1, with a maximum hourly capacity of 600 tons.
  - (B) Grain handling from Truck Dump #1 to Belt Con (BC-1) with a maximum hourly capacity of 600 tons;
  - (C) Grain handling from BC-1 to Leg 1 with a maximum hourly capacity of 600 tons;
  - (D) Grain handling from DC-1 to Leg 3 with a maximum hourly capacity of 300 tons;
  - (E) Grain handling from BC-1 to Leg 4 with a maximum hourly capacity of 300 tons;
  - (F) Grain handling from Leg 3 to Dryer #1 with a maximum hourly capacity of 300 tons;
  - (G) Grain handling from Dryer #2 to DC-2N with a maximum hourly capacity of 300 tons (this conveyor was added to the system in 1997);
  - (H) Grain handling from Leg 3 to DC-8 with a maximum hourly capacity of 300 tons (this conveyor was added to the system in 1997);
  - (I) Grain handling from Dryer #1 to DC-2N with a maximum hourly capacity of 300 tons;
  - (J) Grain handling from DC-2S to Leg 4 with a maximum hourly capacity of 300 tons;
  - (K) Grain handling from DC-8 to Dryer #2 with a maximum hourly capacity of 300 tons; and
  - (L) Grain handling from DC-2N to DC-2S with a maximum hourly capacity of 300 tons.
- (2) System 2, using a polypropylene baghouse, identified as DS-2, for particulate control, exhausting through a stack, identified as S-2. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD), grain elevator System 2 is considered an affected source. System 2 was constructed in 1976 and consists of the following emission units:

- (A) Grain handling from Leg 1 to Rail loadout with a maximum hourly capacity of 600 tons;
- (B) Grain handling from Leg 1 to Bins with a maximum hourly capacity of 600 tons;
- (C) Grain handling from Leg 1 to BC-2 with a maximum hourly capacity of 600 tons;
- (D) Grain handling from Leg 4 to DC-3 with a maximum hourly capacity of 300 tons;
- (E) Grain handling from DC-3 to Bins with a maximum hourly capacity of 300 tons;
- (F) Grain handling from DC-3 to DC-4 with a maximum hourly capacity of 300 tons;
- (G) Grain handling from Leg 4 to BC-2 with a maximum hourly capacity of 300 tons;
- (H) Grain handling from Leg 4 to Bins with a maximum hourly capacity of 300 tons;
- (I) Grain handling from Leg 5 to Bins with a maximum hourly capacity of 450 tons;
- (J) Grain handling from Leg 5 to BC-6 with a maximum hourly capacity of 450 tons;
- (K) Grain handling from BC-6 to BC-7 with a maximum hourly capacity of 600 tons;
- (L) Grain handling from BC-7 to Bins with a maximum hourly capacity of 600 tons;
- (M) Grain handling from Leg 5 to BC-4 with a maximum hourly capacity of 450 tons;
- (N) Grain handling from Bins to DC-1 with a maximum hourly capacity of 300 tons;
- (O) Grain handling from BC-2 to Bins with a maximum hourly capacity of 600 tons;
- (P) Grain handling from BC-2 to BC-3 with a maximum hourly capacity of 600 tons;
- (Q) Grain handling from BC-3 to Bins with a maximum hourly capacity of 600 tons;
- (R) Grain handling from Tank 100 to BC-11 with a maximum hourly capacity of 1,200 tons;
- (S) Grain handling from Tank 200 to BC-11 with a maximum hourly capacity of 1,200 tons;
- (T) Totally enclosed grain handling from Tank 300 to BC-12 with a maximum hourly capacity of 1,200 tons;
- (U) Totally enclosed grain handling from Tank 400 to BC-12 with a maximum hourly capacity of 1,200 tons (this conveyor was added to the system in 1994);
- (V) Totally enclosed grain handling from BC-12 to BC-11 with a maximum hourly capacity of 1,200 tons;
- (W) Totally enclosed grain handling from BC-11 to BC-10 with a maximum hourly capacity of 1,200 tons;
- (X) Grain handling from Bins to BC-10 with a maximum hourly capacity of 1,200 tons;

- (Y) Grain handling from BC-10 to Leg 1 with a maximum hourly capacity of 600 tons;
  - (Z) Grain handling from BC-10 to Leg 2 with a maximum hourly capacity of 600 tons;
  - (AA) Grain handling from Leg 2 to Scales with a maximum hourly capacity of 600 tons;
  - (BB) Grain handling from Scales to Rail Loadout with a maximum hourly capacity of 600 tons;
  - (CC) Grain handling from Shipping to Rail Loadout, with a maximum hourly capacity of 1,200 tons;
  - (DD) One (1) truck and railcar receiving area, identified as Truck/Rail Dump #3, with a maximum hourly capacity of 600 tons;
  - (EE) Grain handling from Truck/Rail Dump #3 to conveyor BC-13, with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 2006);
  - (FF) Grain handling from conveyor BC-13 to Leg 2, with a maximum hourly capacity of 600 tons; and
  - (GG) Grain handling from the conveyor bins to conveyor BC-14, with a maximum hourly capacity of 600 tons.
- (3) System 3, using a polypropylene baghouse, identified as DS-3, for particulate control, exhausting through a stack identified as S-3. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD), grain elevator System 3 is considered an affected source. System 3 was constructed in 1976 and consists of the following emission units:
- (A) Grain handling from DC-4 to Tank 100 with a maximum hourly capacity of 300 tons;
  - (B) Grain handling from BC-3 to BC-4 with a maximum hourly capacity of 600 tons;
  - (C) Grain handling from BC-4 to Tank 100 with a maximum hourly capacity of 600 tons;
  - (D) Totally enclosed grain handling from BC-4 to BC-5 with a maximum hourly capacity of 600 tons;
  - (E) Totally enclosed grain handling from BC-5 to Tank 200 with a maximum hourly capacity of 600 tons;
  - (F) Totally enclosed grain handling from BC-5 to BC-6 with a maximum hourly capacity of 600 tons;
  - (G) Totally enclosed grain handling from BC-6 to Tank 300 with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 1997);
  - (H) Totally enclosed grain handling from BC-6 to BC-7 with a maximum hourly

|   |
|---|
| capacity of 600 tons (this conveyor was added to the system in 1997); and   |
| (I) Totally enclosed grain handling from BC-7 to Tank 400 with a maximum hourly capacity of 600 tons (this conveyor was added to the system in 1997).   |
| (4) System 4 using a polypropylene baghouse, identified as DS-4, for particulate control, exhausting through a stack identified as S-4. Under NSPS Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD), grain elevator System 4 is considered an affected source. System 4 was constructed in 1997 consists of the following emission units: |
| (A) One (1) truck receiving area, identified as Truck Dump #2, with a maximum hourly capacity of 450 tons. The truck unloading station is considered an affected source under the Standards of Performance for Grain Elevators (40 CFR 60, Subpart DD). This facility was constructed in 1997.  |
| (B) Grain handling from Truck Dump #2 to DC-51 with a maximum hourly capacity of 450 tons; and  |
| (C) Grain handling from DC-51 to Leg 5 with a maximum hourly capacity of 450 tons.  |
| (b) One (1) outdoor grain storage bunker, identified as FS-4, with a maximum storage of 2.13 million bushels of grain, which includes grain handling from conveyor BC-14 to the storage bunker with a maximum hourly capacity of 600 tons. This bunker was constructed in 2006.   |
| (d) One (1) temporary grain storage system, constructed in 2006, consisting of the following:   |
| (1) One (1) enclosed grain handling operation from conveyor BC7 to discharge spout with a maximum capacity of 600 tons per hour;  |
| (2) One (1) discharge spout to temporary ground pile #1 with a maximum capacity of 600 tons per hour;   |
| (3) One (1) portable conveyor to temporary ground pile #2 with a maximum capacity of 200 tons per hour;   |
| (4) One (1) temporary ground pile #1 with a maximum throughput rate of 600 tons per hour and a maximum capacity storage capacity of 60,000 tons (2,000,000 bushels); and  |
| (5) One (1) temporary ground pile #2 with a maximum throughput rate of 200 tons per hour and a maximum capacity storage capacity of 30,000 tons (1,000,000 bushels).  |
| Under 40 CFR 60, Subpart DD, emission units (a), (b) and (d) listed above are considered affected facilities. [40 CFR 60, Subpart DD]   |
| (The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)  |

E.1.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1-1] [40 CFR Part 60, Subpart A]

Pursuant to 40 CFR 60, Subpart DD, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1, as specified in Table 8 of 40 CFR Part 60, Subpart DD in accordance with schedule in 40 CFR 60 Subpart DD.

E.1.2 Standards of Performance for Grain Elevators [40 CFR Part 60, Subpart DD] [326 IAC 12]

The Permittee, which operates a wholesale grain processing operation, shall comply with the following provisions of 40 CFR Part 60, Subpart DD (included as Attachment B of this permit):

- (a) Fugitive emissions from grain handling operations and Truck Dump #2 are subject to the following portions of Subpart DD:
  - (1) 40 CFR 60.300
  - (2) 40 CFR 61.301
  - (3) 40 CFR 60.302(c)
  - (4) 40 CFR 60.303
  - (5) 40 CFR 60.304
  
- (b) The polypropylene baghouses (DS-1, DS-2, DS-3, and DS-4) exhausting through four (4) stacks, identified as S-1, S-2, S-3, and S-4 are subject to the following portions of Subpart DD:
  - (1) 40 CFR 60.300
  - (2) 40 CFR 60.301
  - (3) 40 CFR 60.302(b)
  - (4) 40 CFR 60.303
  - (5) 40 CFR 60.304

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

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
CERTIFICATION**

Source Name: Cargill AgHorizons - Tipton Farm Service Center  
Source Address: 500 East State Road 28, Tipton, Indiana 46072  
FESOP Permit No.: 159-22807-00005

**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:

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**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
EMERGENCY OCCURRENCE REPORT**

Source Name: Cargill AgHorizons - Tipton Farm Service Center  
Source Address: 500 East State Road 28, Tipton, Indiana 46072  
FESOP Permit No.: 159-22807-00005

**This form consists of 2 pages**

**Page 1 of 2**

- |   |
|---|
| <input type="checkbox"/> This is an emergency as defined in 326 IAC 2-7-1(12) <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<br>Describe:   |
| 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: \_\_\_\_\_

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

**FESOP Quarterly Report**

Source Name: Cargill AgHorizons - Tipton Farm Service Center  
 Source Address: 500 East State Road 28, Tipton, Indiana 46072  
 FESOP Permit No.: 159-22807-00005  
 Facility: Total grain processed  
 Parameter: Throughput  
 Limit: Total grain processed at this source shall be limited to 1,200,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month (40 million bushels at 60 pounds per bushel).

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

| Month   | Column 1   | Column 2           | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
|         | This Month | Previous 11 Months | 12 Month Total      |
| 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: \_\_\_\_\_

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

**FESOP Quarterly Report**

Source Name: Cargill AgHorizons - Tipton Farm Service Center  
 Source Address: 500 East State Road 28, Tipton, Indiana 46072  
 FESOP Permit No.: 159-22807-00005  
 Facility: Temporary Ground Pile #1  
 Parameter: Throughput  
 Limit: Throughput shall not exceed 60,000 tons per twelve (12) consecutive month period.

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

| Month   | Column 1   | Column 2           | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
|         | This Month | Previous 11 Months | 12 Month Total      |
| 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: \_\_\_\_\_

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

**FESOP Quarterly Report**

Source Name: Cargill AgHorizons - Tipton Farm Service Center  
 Source Address: 500 East State Road 28, Tipton, Indiana 46072  
 FESOP Permit No.: 159-22807-00005  
 Facility: Temporary Ground Pile #2  
 Parameter: Throughput  
 Limit: Throughput shall not exceed 30,000 tons per twelve (12) consecutive month period.

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

| Month   | Column 1   | Column 2           | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
|         | This Month | Previous 11 Months | 12 Month Total      |
| 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: \_\_\_\_\_

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF AIR QUALITY  
 COMPLIANCE AND ENFORCEMENT BRANCH  
 FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
 QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Cargill AgHorizons - Tipton Farm Service Center  
 Source Address: 500 East State Road 28, Tipton, Indiana 46072  
 FESOP Permit No.: 159-22807-00005

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

|   |                               |
|---|-------------------------------|
| This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements of this permit, 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". |                               |
| <input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.  |                               |
| <input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD  |                               |
| <b>Permit Requirement</b> (specify permit condition #)  |                               |
| <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</b> (specify permit condition #)  |                               |
| <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</b> (specify permit condition #) |                               |
| <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</b> (specify permit condition #) |                               |
| <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</b> (specify permit condition #) |                               |
| <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: \_\_\_\_\_

## **ATTACHMENT A**

### **Fugitive Particulate Matter Emission Control Plan**

This plan addresses the fugitive particulate matter (dust) generated by the operation of the Cargill AgHorizons-Tipton Farm Service Center. The Tipton Farm Service Center is a grain terminal elevator with a limited potential throughput of 40,000,000 bushels per year. The facility receives grain (corn, soybeans, and wheat) by truck and rail and ships grain by rail. In addition to bin and tank grain storage, the facility operates a permanent grain storage bunker and two seasonal temporary grain storage piles.

- 1) Company Address:**  
Cargill AgHorizons  
Tipton Farm Service Center  
500 East State Road 28  
Tipton, Indiana 46072
  
- 2) Person Responsible for Plan Implementation:**  
Farm Service Center Manager  
500 East State Road 28  
Tipton, Indiana 46072
  
- 3) Processes, Operations, and Areas which have the Potential to Emit Fugitive Dust:**
  - a. Truck Receiving
  - b. Rail Shipping and Receiving
  - c. Storage Bin Vents
  - d. Grain Handling
  - e. Paved Roads
  - f. Unpaved Road and Parking Area
  - g. Permanent Grain Storage Bunker
  - h. Temporary Grain Storage Pile
  
- 4) Measures to be Implemented to Control Fugitive Dust.**

For the purposes of this fugitive dust control plan, abnormal fugitive dust emissions are defined as fugitive dust emissions heavier than normal or fugitive dust emissions reaching the facility's property boundary.

\*\* Note: The trucking receiving, rail shipping/receiving, and grain handling operations are applicable to 40 CFR Subpart DD (Standards of Performance for Grain Elevators). This regulation limits the fugitive emissions from truck receiving rail operations to less than or equal to 5 percent opacity; and the fugitive emissions from grain handling operations to 0 percent opacity, as measured using US EPA Method 9.\*\*

- a. Truck Receiving
  - i) **Description:** The facility operates three truck receiving areas. Each truck receiving area is located within a building enclosure that is open at each end and vented to fabric filter dust collection systems.
  - ii) **Fugitive Dust Control Measures:** Facility personnel involved with truck grain receiving operations are instructed that if abnormal fugitive dust emissions are observed, truck receiving operations will be stopped until the source of the abnormal fugitive emissions is identified and corrected.

b. Rail Shipping/Receiving

- i) Description: The facility operates rail shipping/receiving that is located within a building enclosure that is open at each end and vented to a fabric filter dust collection system.
- ii) Fugitive Dust Control Measures: Facility personnel involved with rail shipping operations are instructed that if abnormal fugitive dust emissions are observed, rail shipping operations will be stopped until the source of the abnormal fugitive emissions is identified and corrected.

c. Storage Bin Vents

- i) Description: The facility storage operates bins equipped with passive bin vents.
- ii) Fugitive Dust Control Measures: Facility personnel are instructed that if abnormal fugitive dust emissions are observed, operations involving the storage bin will be stopped until the source of the abnormal fugitive emissions is identified and corrected.

d. Grain Handling

- i) Description: The facility grain handling operations are vented to fabric filter dust collection systems or fully enclosed.
- ii) Fugitive Dust Control Measures: Facility personnel are instructed that if abnormal fugitive dust emissions are observed from grain handling, operations involving grain handling will be stopped until the source of the abnormal fugitive emissions is identified and corrected.

e. Paved Roads

- i) Description: The roads on the facility that are traveled by heavy duty diesel grain trucks, employee vehicles, and other support vehicles are paved. There are no paved parking areas. Trucks delivering grain to the facility are primarily staged on the facility access road. Trucks in the staging process do not travel at sufficient speed to normally generate fugitive dust.
- ii) Fugitive Dust Control Measures: Facility personnel are instructed that if abnormal fugitive dust emissions are observed from the paved roads, operations will be stopped until the abnormal fugitive emissions are corrected. Corrective measures will consist of either sweeping the roads using a wet sweeper or the application of water.

f. Unpaved Road and Parking Area

- i) Description: In the event that the paved truck staging area is full, grain trucks are directed to stage on an area of unpaved (gravel) road located east of the paved access road. The trucks only use the unpaved road for staging and do not travel at a sufficient speed to normally generate fugitive dust. The employee parking area is unpaved.
- ii) Fugitive Dust Control Measures: Facility personnel are instructed that if abnormal fugitive dust emissions are observed from the unpaved road or employee parking area, operations will be stopped until the abnormal fugitive emissions are corrected. Corrective measures will consist of wetting the unpaved roads/parking areas with water or another approved dust suppression material.

g. Permanent Grain Storage Bunker

- i) Description: The facility operates a 2.13 million bushel permanent grain storage bunker. The bunker is equipped with a steel knee-wall and covered with a tarp enclosure. The permanent grain storage bunker is filled by permanent conveyor with the tarp already covering the bunker's footprint. Grain is removed from the bunker using front-end loaders that transfer the grain to self-dumping or hopper bottom trucks.
- ii) Fugitive Dust Control Measures: Facility personnel involved with permanent grain storage bunker operations are instructed that if abnormal fugitive dust emissions are observed, permanent grain storage bunker operations will be stopped until the source of the abnormal fugitive emissions is identified and corrected.

h. Temporary Grain Storage Piles

- i) Description: The facility operates two (2) temporary grain storage piles. Pile #1 is circular in shape and is located south of Tank #400. Pile #1 has a capacity of 2,000,000 bushels and is constructed using a spout located at the end of BC-7. Pile #2 is rectangular in shape and is located west of the access drive across from Tank #300. Pile #2 has a capacity of 1,000,000 bushels and is constructed using portable conveyors. After construction of each temporary ground pile is complete, it will be completely covered by a tarp. The tarp will only be removed from areas of the pile where grain is being removed or added. The tarp will be replaced when the pile is not in active operation. Temporary ground piles #1 and #2 will be constructed each fall during the harvest season and will be operated approximately six to eight months per year. Both temporary ground piles are loaded out using front-end loaders or similar equipment into self dumping or hopper bottom trucks.
- ii) Fugitive Dust Control Measures: Facility personnel involved with temporary grain pile operations are instructed that if abnormal fugitive dust emissions are observed, temporary grain pile operations will be stopped until the source of the abnormal fugitive emissions is identified and corrected. In addition, the temporary grain piles will not be actively operated during high wind (> 20 mph) conditions and during construction of the temporary ground pile #2, the distance between the spout of the portable conveyor and the top of the pile will be minimized to reduce the amount of fugitive dust emissions generated.

- 5) **Plan implementation:**  
This plan is effective February 12, 2007.

**Attachment B: New Source Performance Standards**  
**Subpart DD Standards of Performance for Grain Elevators**  
**for**  
**Cargill AgHorizons - Tipton Farm Service Center**  
**FESOP No. F159-22807-00005**

**Title 40: Protection of Environment**

PART 60—STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES

**Subpart DD—Standards of Performance for Grain Elevators**

**Source:** 43 FR 34347, Aug. 3, 1978, unless otherwise noted.

**§ 60.300 Applicability and designation of affected facility.**

(a) The provisions of this subpart apply to each affected facility at any grain terminal elevator or any grain storage elevator, except as provided under §60.304(b). The affected facilities are each truck unloading station, truck loading station, barge and ship unloading station, barge and ship loading station, railcar loading station, railcar unloading station, grain dryer, and all grain handling operations.

(b) Any facility under paragraph (a) of this section which commences construction, modification, or reconstruction after August 3, 1978, is subject to the requirements of this part.

[43 FR 34347, Aug. 3, 1978, as amended at 52 FR 42434, Nov. 5, 1988]

**§ 60.301 Definitions.**

As used in this subpart, all terms not defined herein shall have the meaning given them in the Act and in subpart A of this part.

(a) *Grain* means corn, wheat, sorghum, rice, rye, oats, barley, and soybeans.

(b) *Grain elevator* means any plant or installation at which grain is unloaded, handled, cleaned, dried, stored, or loaded.

(c) *Grain terminal elevator* means any grain elevator which has a permanent storage capacity of more than 88,100 m<sup>3</sup> (ca. 2.5 million U.S. bushels), except those located at animal food manufacturers, pet food manufacturers, cereal manufacturers, breweries, and livestock feedlots.

(d) *Permanent storage capacity* means grain storage capacity which is inside a building, bin, or silo.

(e) *Railcar* means railroad hopper car or boxcar.

(f) *Grain storage elevator* means any grain elevator located at any wheat flour mill, wet corn mill, dry corn mill (human consumption), rice mill, or soybean oil extraction plant which has a permanent grain storage capacity of 35,200 m<sup>3</sup> (ca. 1 million bushels).

- (g) *Process emission* means the particulate matter which is collected by a capture system.
- (h) *Fugitive emission* means the particulate matter which is not collected by a capture system and is released directly into the atmosphere from an affected facility at a grain elevator.
- (i) *Capture system* means the equipment such as sheds, hoods, ducts, fans, dampers, etc. used to collect particulate matter generated by an affected facility at a grain elevator.
- (j) *Grain unloading station* means that portion of a grain elevator where the grain is transferred from a truck, railcar, barge, or ship to a receiving hopper.
- (k) *Grain loading station* means that portion of a grain elevator where the grain is transferred from the elevator to a truck, railcar, barge, or ship.
- (l) *Grain handling operations* include bucket elevators or legs (excluding legs used to unload barges or ships), scale hoppers and surge bins (garners), turn heads, scalpels, cleaners, trippers, and the headhouse and other such structures.
- (m) *Column dryer* means any equipment used to reduce the moisture content of grain in which the grain flows from the top to the bottom in one or more continuous packed columns between two perforated metal sheets.
- (n) *Rack dryer* means any equipment used to reduce the moisture content of grain in which the grain flows from the top to the bottom in a cascading flow around rows of baffles (racks).
- (o) *Unloading leg* means a device which includes a bucket-type elevator which is used to remove grain from a barge or ship.

[43 FR 34347, Aug. 3, 1978, as amended at 65 FR 61759, Oct. 17, 2000]

#### **§ 60.302 Standard for particulate matter.**

- (a) On and after the 60th day of achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any gases which exhibit greater than 0 percent opacity from any:
- (1) Column dryer with column plate perforation exceeding 2.4 mm diameter (ca. 0.094 inch).
  - (2) Rack dryer in which exhaust gases pass through a screen filter coarser than 50 mesh.
- (b) On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility except a grain dryer any process emission which:
- (1) Contains particulate matter in excess of 0.023 g/dscm (ca. 0.01 gr/dscf).
  - (2) Exhibits greater than 0 percent opacity.
- (c) On and after the 60th day of achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emission from:
- (1) Any individual truck unloading station, railcar unloading station, or railcar loading station, which exhibits greater than 5 percent opacity.
  - (2) Any grain handling operation which exhibits greater than 0 percent opacity.

(3) Any truck loading station which exhibits greater than 10 percent opacity.

(4) Any barge or ship loading station which exhibits greater than 20 percent opacity.

(d) The owner or operator of any barge or ship unloading station shall operate as follows:

(1) The unloading leg shall be enclosed from the top (including the receiving hopper) to the center line of the bottom pulley and ventilation to a control device shall be maintained on both sides of the leg and the grain receiving hopper.

(2) The total rate of air ventilated shall be at least 32.1 actual cubic meters per cubic meter of grain handling capacity (ca. 40 ft<sup>3</sup> /bu).

(3) Rather than meet the requirements of paragraphs (d)(1) and (2) of this section the owner or operator may use other methods of emission control if it is demonstrated to the Administrator's satisfaction that they would reduce emissions of particulate matter to the same level or less.

### **§ 60.303 Test methods and procedures.**

(a) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in §60.8(b). Acceptable alternative methods and procedures are given in paragraph (c) of this section.

(b) The owner or operator shall determine compliance with the particulate matter standards in §60.302 as follows:

(1) Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas. The sampling time and sample volume for each run shall be at least 60 minutes and 1.70 dscm (60 dscf). The probe and filter holder shall be operated without heaters.

(2) Method 2 shall be used to determine the ventilation volumetric flow rate.

(3) Method 9 and the procedures in §60.11 shall be used to determine opacity.

(c) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

(1) For Method 5, Method 17 may be used.

[54 FR 6674, Feb. 14, 1989]

### **§ 60.304 Modifications.**

(a) The factor 6.5 shall be used in place of "annual asset guidelines repair allowance percentage," to determine whether a capital expenditure as defined by §60.2 has been made to an existing facility.

(b) The following physical changes or changes in the method of operation shall not by themselves be considered a modification of any existing facility:

(1) The addition of gravity loadout spouts to existing grain storage or grain transfer bins.

(2) The installation of automatic grain weighing scales.

(3) Replacement of motor and drive units driving existing grain handling equipment.

(4) The installation of permanent storage capacity with no increase in hourly grain handling capacity.

**Appendix A: Emissions Calculations  
Summary**

**Company Name: Cargill AgHorizons - Tipton Farm Service Center**  
**Address: 500 East State Road 28, Tipton, IN 46072**  
**Permit Revision No: 159-29647-00005**  
**Permit Reviewer: Summer Keown**  
**Date: November 4, 2010**

|                                  | Process Name   | Uncontrolled Potential Emissions (tons per year) |               |               |             |              |              |                 |             |                        |
|----------------------------------|--|--|---------------|---------------|-------------|--------------|--------------|-----------------|-------------|------------------------|
|                                  |  | PM   | PM10          | PM2.5         | VOC         | CO           | NOx          | SO <sub>2</sub> | Total HAPs  | Highest Individual HAP |
| Existing Units                   | Grain Dryers, Combustion Only                              | 0.73   | 2.94          | 2.94          | 2.13        | 32.50        | 38.60        | 0.23            | 0.73        | negl.                  |
|                                  | Grain Receiving  | 103.00   | 33.90         | 33.90         | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Grain Handling   | 319  | 319           | 319           | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Grain Drying   | 39.00  | 9.76          | 9.76          | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Grain Shipping   | 15.50  | 1.26          | 1.26          | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Temporary Ground Piles                                     | 9.60   | 4.54          | 4.54          | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Insignificant Combustion                                   | negl.  | negl.         | negl.         | negl.       | 0.04         | 0.04         | negl.           | negl.       | negl.                  |
|                                  | Road Fugitives   | 3.03   | 0.59          | 0.59          | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Grain Handling Operations Added in MPR No. 159-23136-00005 | 374  | 208           | 208           | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Temporary Ground Storage Pile #1                           | 7.20   | 3.40          | 3.40          | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
| Temporary Ground Storage Pile #2 | 2.40   | 1.13   | 1.13          | 0.00          | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        |                        |
| New Unit                         | Grain Bagging Operation                                    | 4.55   | 1.49          | 0.25          | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
| <b>Total*</b>                    |  | <b>873.46</b>                                    | <b>584.52</b> | <b>584.52</b> | <b>2.13</b> | <b>32.54</b> | <b>38.64</b> | <b>0.23</b>     | <b>0.73</b> | <b>0.13 (hexane)</b>   |

|                                  | Process Name   | Limited Potential Emissions (tons per year) |              |              |             |              |              |                 |             |                        |
|----------------------------------|--|---|--------------|--------------|-------------|--------------|--------------|-----------------|-------------|------------------------|
|                                  |  | PM  | PM10         | PM2.5        | VOC         | CO           | NOx          | SO <sub>2</sub> | Total HAPs  | Highest Individual HAP |
| Existing Units                   | Grain Dryers, Combustion Only                              | 0.73  | 2.94         | 2.94         | 2.13        | 32.50        | 38.60        | 0.23            | 0.73        | negl.                  |
|                                  | Grain Receiving  | 10.30                                       | 3.39         | 3.39         | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Grain Handling   | 31.90                                       | 31.90        | 31.90        | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Grain Drying   | 39.00                                       | 9.76         | 9.76         | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Grain Shipping   | 1.55  | 0.13         | 0.13         | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Temporary Ground Piles                                     | 0.12  | 0.06         | 0.06         | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Insignificant Combustion                                   | negl.                                       | negl.        | negl.        | negl.       | 0.04         | 0.04         | negl.           | negl.       | negl.                  |
|                                  | Road Fugitives   | 3.03  | 0.59         | 0.59         | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Grain Handling Operations Added in MPR No. 159-23136-00005 | 4.58  | 2.55         | 2.55         | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
|                                  | Temporary Ground Storage Pile #1                           | 0.08  | 0.04         |              | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
| Temporary Ground Storage Pile #2 | 0.04   | 0.02  | 0.02         | 0.00         | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        |                        |
| New Unit                         | Grain Bagging Operation                                    | 4.55  | 1.49         | 0.25         | 0.00        | 0.00         | 0.00         | 0.00            | 0.00        | 0.00                   |
| <b>Total*</b>                    |  | <b>91.33</b>                                | <b>51.38</b> | <b>51.34</b> | <b>2.13</b> | <b>32.54</b> | <b>38.64</b> | <b>0.23</b>     | <b>0.73</b> | <b>0.13 (hexane)</b>   |

\*The grain bag storage will be used to replace/reduce the storage capacity of the temporary ground stage piles. Therefore, only the worst case potential emissions were for grain storage/grain bagging (in this case the existing temporary ground storage piles). Potential emissions have not increased as a result of this administrative amendment.

**Appendix A: Emissions Calculations  
Summary**

**Company Name: Cargill AgHorizons - Tipton Farm Service Center**  
**Address: 500 East State Road 28, Tipton, IN 46072**  
**Administrative Amendment No: 159-29647-00005**  
**Permit Reviewer: Summer Keown**  
**Date: November 4, 2010**

Bag Storage Capacity      800,000 bushels (20 bags at 40,000 bushels per bag)  
 Grain density                      60 pounds/bushel  
 System capacity                      24,000 tons/yr

|  | Emission Factor <sup>1</sup><br>(lb/ton) | Throughput<br>(tons/yr) | Uncontrolled<br>Potential to<br>Emit (lbs/hr) | Uncontrolled<br>Potential to<br>Emit<br>(tons/yr) | Capture<br>Eff<br>(%) | Control<br>Eff<br>(%) | Controlled<br>Potential to<br>Emit <sup>2</sup><br>(tons/yr) |
|--|--|-------------------------|---|---|-----------------------|-----------------------|--|
| <b>PM Emissions</b>                      |  |                         |   |   |                       |                       |  |
| Wagon Loading in Elevator                | 0.086                                    | 24,000                  | 0.24  | 1.03  | 92.5%                 | 99%                   | 0.09   |
| Bag Filler Loading                       | 0.086                                    | 24,000                  | 0.24  | 1.03  | 0%                    | 0%                    | 1.03   |
| Emptying Grain Bag into Wagon            | 0.086                                    | 24,000                  | 0.24  | 1.03  | 0%                    | 0%                    | 1.03   |
| Wagon Receiving in Elevator <sup>5</sup> | 0.035                                    | 24,000                  | 0.10  | 0.42  | 92.5%                 | 99%                   | 0.04   |
| Truck Loadout                            | 0.086                                    | 24,000                  | 0.24  | 1.03  | 92.5%                 | 99%                   | 0.09   |
|  |  |                         |   | <b>4.55</b>                                       |                       |                       | <b>2.27</b>  |

|  | Emission Factor <sup>1</sup><br>(lb/ton) | Throughput<br>(tons/yr) | Uncontrolled<br>Potential to<br>Emit (lbs/hr) | Uncontrolled<br>Potential to<br>Emit<br>(tons/yr) | Capture<br>Eff<br>(%) | Control<br>Eff<br>(%) | Controlled<br>Potential to<br>Emit <sup>2</sup><br>(tons/yr) |
|--|--|-------------------------|---|---|-----------------------|-----------------------|--|
| <b>PM10 Emissions</b>                    |  |                         |   |   |                       |                       |  |
| Wagon Loading in Elevator                | 0.029                                    | 24,000                  | 0.08  | 0.35  | 92.5%                 | 99%                   | 0.03   |
| Bag Filler Loading                       | 0.029                                    | 24,000                  | 0.08  | 0.35  | 0%                    | 0%                    | 0.35   |
| Emptying Grain Bag into Wagon            | 0.029                                    | 24,000                  | 0.08  | 0.35  | 0%                    | 0%                    | 0.35   |
| Wagon Receiving in Elevator <sup>5</sup> | 0.0078                                   | 24,000                  | 0.02  | 0.09  | 92.5%                 | 99%                   | 0.01   |
| Truck Loadout                            | 0.029                                    | 24,000                  | 0.08  | 0.35  | 92.5%                 | 99%                   | 0.03   |
|  |  |                         |   | <b>1.49</b>                                       |                       |                       | <b>0.76</b>  |

|  | Emission Factor <sup>1</sup><br>(lb/ton) | Throughput<br>(tons/yr) | Uncontrolled<br>Potential to<br>Emit (lbs/hr) | Uncontrolled<br>Potential to<br>Emit<br>(tons/yr) | Capture<br>Eff<br>(%) | Control<br>Eff<br>(%) | Controlled<br>Potential to<br>Emit <sup>2</sup><br>(tons/yr) |
|--|--|-------------------------|---|---|-----------------------|-----------------------|--|
| <b>PM2.5 Emissions</b>                   |  |                         |   |   |                       |                       |  |
| Wagon Loading in Elevator                | 0.0049                                   | 24,000                  | 0.01  | 0.06  | 92.5%                 | 99%                   | 0.00   |
| Bag Filler Loading                       | 0.0049                                   | 24,000                  | 0.01  | 0.06  | 0%                    | 0%                    | 0.06   |
| Emptying Grain Bag into Wagon            | 0.0049                                   | 24,000                  | 0.01  | 0.06  | 0%                    | 0%                    | 0.06   |
| Wagon Receiving in Elevator <sup>5</sup> | 0.0013                                   | 24,000                  | 0.00  | 0.02  | 92.5%                 | 99%                   | 0.00   |
| Truck Loadout                            | 0.0049                                   | 24,000                  | 0.01  | 0.06  | 92.5%                 | 99%                   | 0.00   |
|  |  |                         |   | <b>0.25</b>                                       |                       |                       | <b>0.13</b>  |

Methodology

Uncontrolled Potential to Emit (lbs/hr) \* Emission Factor (lb/ton) \* Throughput (tons/yr) \* 1 year/8760 hours

Uncontrolled Potential to Emit (tons/yr) = Emission Factor (lb/ton) \* Throughput (tons) \* 1 ton/2000 lbs

Controlled Potential to Emit (tons/yr) = Uncontrolled Potential to Emit (tons/yr) \* (1 - Capture Efficiency \* Control Efficiency)

The total truck receiving for the source will not increase due to the addition of the grain bagging operation. Therefore, no additional truck receiving potential emissions were calculated for this unit.



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

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

*Thomas W. Easterly*  
**Commissioner**

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

TO: Jim Walker  
Cargill AgHorizons  
Tipton Farm Srvc Ct  
500 East SR 28  
Tipton, IN 46072

DATE: November 9, 2010  
FROM: Matt Stuckey, Branch Chief  
Permits Branch  
Office of Air Quality

SUBJECT: Final Decision  
FESOP  
159-29647-00005

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

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

A copy of the final decision and supporting materials has also been sent via standard mail to:  
OAQ Permits Branch Interested Parties List

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

Final Applicant Cover letter.dot 11/30/07

# Mail Code 61-53

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| IDEM Staff                 | DPABST 11/9/2010<br>Cargill AgHorizons - Tipton Farm Srvc Ctr 159-29647-00005 (Final) |   | AFFIX STAMP<br>HERE IF<br>USED AS<br>CERTIFICATE<br>OF MAILING |  |
| Name and address of Sender |      | Indiana Department of Environmental Management<br>Office of Air Quality – Permits Branch<br>100 N. Senate<br>Indianapolis, IN 46204 | Type of Mail:<br><br><b>CERTIFICATE OF MAILING ONLY</b>        |  |

| Line | Article Number | Name, Address, Street and Post Office Address   | Postage | Handing Charges | Act. Value (If Registered) | Insured Value | Due Send if COD | R.R. Fee | S.D. Fee | S.H. Fee | Rest. Del. Fee | Remarks |
|------|----------------|---|---------|-----------------|----------------------------|---------------|-----------------|----------|----------|----------|----------------|---------|
| 1    |                | Jim Walker Cargill AgHorizons - Tipton Farm Srvc Ctr 500 East SR 28 Tipton IN 46072 (Source CAATS) (Confirm Delivery) |         |                 |                            |               |                 |          |          |          |                |         |
| 2    |                | Shelly & J. Acres 1280 S 400 W Tipton IN 46072 (Affected Party)   |         |                 |                            |               |                 |          |          |          |                |         |
| 3    |                | Ms. Jane Harper 285 W 100 N Tipton IN 46072 (Affected Party)  |         |                 |                            |               |                 |          |          |          |                |         |
| 4    |                | Tipton County Commissioners 101 East Jefferson Street Tipton IN 46072 (Local Official)                                |         |                 |                            |               |                 |          |          |          |                |         |
| 5    |                | Tipton County Health Department Tipton Co Court House, 101 E Jefferson St Tipton IN 46072 (Health Department)         |         |                 |                            |               |                 |          |          |          |                |         |
| 6    |                | Tipton Co Public Library 127 E Madison Tipton IN 46072-1993 (Library)   |         |                 |                            |               |                 |          |          |          |                |         |
| 7    |                | Tipton City Council and Mayors Office 113 Court St Tipton IN 46072 (Local Official)                                   |         |                 |                            |               |                 |          |          |          |                |         |
| 8    |                | Windfall Branch - Tipton County Public Library 109 McClellan Street Windfall IN 46076 (Library)                       |         |                 |                            |               |                 |          |          |          |                |         |
| 9    |                | Mark Zeltwanger 26545 CR 52 Nappanee IN 46550 (Affected Party)  |         |                 |                            |               |                 |          |          |          |                |         |
| 10   |                |   |         |                 |                            |               |                 |          |          |          |                |         |
| 11   |                |   |         |                 |                            |               |                 |          |          |          |                |         |
| 12   |                |   |         |                 |                            |               |                 |          |          |          |                |         |
| 13   |                |   |         |                 |                            |               |                 |          |          |          |                |         |
| 14   |                |   |         |                 |                            |               |                 |          |          |          |                |         |
| 15   |                |   |         |                 |                            |               |                 |          |          |          |                |         |

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