



# 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: July 11, 2011

RE: Central States Enterprises, LLC / 009-30298-00021

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

## Notice of Decision: Approval - Effective Immediately

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

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

Enclosures  
FNPER.dot12/03/07



# 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)

Melvin Spaulding  
Central States Enterprises, LLC  
P.O. Box 323  
New Haven, IN 46774

July 11, 2011

Re: 009-30298-00021  
Second Significant Revision to  
F009-23590-00021

Dear Mr. Spaulding:

Central States Enterprises, LLC was issued Federally Enforceable State Operating Permit (FESOP) Renewal No. F009-23590-00021 on July 9, 2007 for a stationary grain elevator located at 6627 N 400 E, Montpelier, Indiana 47359. On March 2, 2011, the Office of Air Quality (OAQ) received an application from the source requesting to add an additional column grain dryer, correct the maximum heat input capacity listed for the existing column grain dryer, and issue a grain throughput limit for both dryers. Additionally, an enclosed conveyor and baghouse are being added to a storage building. The attached Technical Support Document (TSD) provides additional explanation of the changes to the source/permit. Pursuant to the provisions of 326 IAC 2-8-11.1, these changes to the permit are required to be reviewed in accordance with the Significant Permit Revision (SPR) procedures of 326 IAC 2-8-11.1(f). Pursuant to the provisions of 326 IAC 2-8-11.1, a significant permit revision to this permit is hereby approved as described in the attached Technical Support Document (TSD).

The following construction conditions are applicable to the proposed project:

1. General Construction Conditions  
The data and information supplied with the application shall be considered part of this source modification approval. Prior to any proposed change in construction which may affect the potential to emit (PTE) of the proposed project, the change must be approved by the Office of Air Quality (OAQ).
2. This approval to construct does not relieve the permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.
3. Effective Date of the Permit  
Pursuant to IC 13-15-5-3, this approval becomes effective upon its issuance.
4. Pursuant to 326 IAC 2-1.1-9 (Revocation), the Commissioner may revoke this approval if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.
5. All requirements and conditions of this construction approval shall remain in effect unless modified in a manner consistent with procedures established pursuant to 326 IAC 2.

Pursuant to 326 IAC 2-8-11.1, this permit shall be revised by incorporating the significant permit revision into the permit. All other conditions of the permit shall remain unchanged and in effect. Attached please find the entire revised permit.

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. Dumaul, Ph. D., Section Chief  
Permits Branch  
Office of Air Quality

Attachments: Technical Support Document and revised permit

ACD/SJK

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



**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

**Federally Enforceable State Operating Permit  
Renewal  
OFFICE OF AIR QUALITY**

**Central States Enterprises, LLC  
6627 N 400 E  
Montpelier, Indiana 47359**

(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.

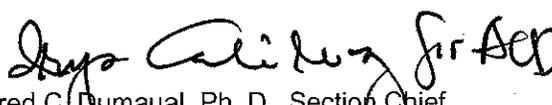
**The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. It shall not be a defense for the Permittee in 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.: F009-23590-00021   |  |
| Original signed by:<br><br>Matt Stuckey for Nisha Sizemore, Chief<br>Permits Branch<br>Office of Air Quality | Issuance Date: July 9, 2007<br><br>Expiration Date: July 9, 2017 |

First Significant Permit Revision No. 009-28259-00021, issued on October 20, 2009

|   |   |
|---|---|
| Second Significant Permit Revision No.: F009-30298-00021  |   |
| Issued by:<br><br><br>Alfred C. Dumauval, Ph. D., Section Chief<br>Permits Branch<br>Office of Air Quality | Issuance Date: July 11, 2011<br><br>Expiration Date: July 9, 2017 |

## TABLE OF CONTENTS

|   |           |
|---|-----------|
| <b>A. SOURCE SUMMARY .....</b>  | <b>5</b>  |
| A.1 General Information [326 IAC 2-8-3(b)]  |           |
| A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]  |           |
| A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(l)]  |           |
| A.4 FESOP Applicability [326 IAC 2-8-2]   |           |
| <b>B. GENERAL CONDITIONS .....</b>  | <b>8</b>  |
| B.1 Definitions [326 IAC 2-8-1]   |           |
| B.2 Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]  |           |
| B.3 Term of Conditions [326 IAC 2-1.1-9.5]  |           |
| B.4 Enforceability [326 IAC 2-8-6] [IC 13-17-12]  |           |
| B.5 Severability [326 IAC 2-8-4(4)]   |           |
| B.6 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]  |           |
| B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]   |           |
| B.8 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(1)]  |           |
| B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]   |           |
| B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]   |           |
| B.11 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)<br>[326 IAC 2-8-5(a)(1)]  |           |
| B.12 Emergency Provisions [326 IAC 2-8-12]  |           |
| B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]   |           |
| B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]  |           |
| B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination<br>[326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]    |           |
| B.16 Permit Renewal [326 IAC 2-8-3(h)]  |           |
| B.17 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]  |           |
| B.18 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]   |           |
| B.19 Source Modification Requirement [326 IAC 2-8-11.1]   |           |
| B.20 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2]<br>[IC 13-30-3-1]   |           |
| B.21 Transfer of Ownership or Operational Control [326 IAC 2-8-10]  |           |
| B.22 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16]<br>[326 IAC 2-1.1-7]   |           |
| B.23 Advanced Source Modification Approval [326 IAC 2-8-4(11)] [326 IAC 2-1.1-9]  |           |
| B.24 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]  |           |
| <b>C. SOURCE OPERATION CONDITIONS.....</b>  | <b>18</b> |
| <b>Emission Limitations and Standards [326 IAC 2-8-4(1)]</b>  |           |
| C.1 Particulate Emission Limitations For Processes with Process Weight Rates<br>Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2] |           |
| C.2 Overall Source Limit [326 IAC 2-8]  |           |
| C.3 Opacity [326 IAC 5-1]   |           |
| C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]   |           |
| C.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2]  |           |
| C.6 Fugitive Dust Emissions [326 IAC 6-4]   |           |
| C.7 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]  |           |
| C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]   |           |
| <b>Testing Requirements [326 IAC 2-8-4(3)]</b>  |           |
| C.9 Performance Testing [326 IAC 3-6]   |           |

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

- C.10 Compliance Requirements [326 IAC 2-1.1-11]

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

**Corrective Actions and Response Steps [326 IAC 2-8-4][326 IAC 2-8-5(a)(1)]**

- C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]
- C.14 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]
- C.15 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]
- C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4]  
[326 IAC 2-8-5]

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

- C.17 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]
- C.18 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

**Stratospheric Ozone Protection**

- C.19 Compliance with 40 CFR 82 and 326 IAC 22-1

**D.1. EMISSIONS UNIT OPERATION CONDITIONS..... 25**

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

- D.1.1 PM and PM10 Emission Limitations [326 IAC 2-8-4] [326 IAC 2-2]
- D.1.2 Particulate Emission Limitations [326 IAC 6-3-2]
- D.1.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

**Compliance Determination Requirements**

- D.1.4 Particulate Control
- D.1.5 Testing Requirements [326 IAC 2-8-5(a)(1), (4)] [326 IAC 2-1.1-11]

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

- D.1.6 Visible Emissions Notations
- D.1.7 Parametric Monitoring
- D.1.8 Broken or Failed Bag Detection

**Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]**

- D.1.9 Record Keeping Requirements
- D.1.10 Reporting Requirements

**D.2. EMISSIONS UNIT OPERATION CONDITIONS..... 29**

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

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

**D.3. EMISSIONS UNIT OPERATION CONDITIONS..... 31**

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

- E.1.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1]  
[40 CFR Part 60, Subpart A]
- E.1.2 New Source Performance Standards (NSPS) for Grain Elevators [326 IAC 12]  
[40 CFR Part 60, Subpart DD]

Certification Form ..... 33  
Quarterly Report Form ..... 34  
Emergency Occurrence Form ..... 35  
Quarterly Deviation and Compliance Monitoring Report Form ..... 37

## SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

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

---

The Permittee owns and operates a stationary grain elevator.

|                              |  |
|------------------------------|--|
| Source Address:              | 6627 N 400 E, Montpelier, Indiana 47359  |
| General Source Phone Number: | (765) 728-9130   |
| SIC Code:                    | 5153   |
| County Location:             | Blackford  |
| Source Location Status:      | Attainment for all criteria pollutants   |
| Source Status:               | Federally Enforceable State Operating Permit Program<br>Minor Source, under PSD and Emission Offset 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)]

---

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

One (1) grain elevator, comprised of the following equipment:

- (a) One (1) red truck unloading bay, identified as TD1, one (1) yellow truck/rail unloading bay, identified as TD2, and one (1) truck/rail loading bay, identified as Shipping, each constructed in 1997 and approved for modification in 2011 to add a 3,500 bushel silo on top of each bay, each bay with a maximum capacity of 630 tons per hour, with emissions controlled by one (1) baghouse C-1, and all exhausting to stack S-1.
- (b) One (1) natural gas-fired column grain dryer, identified as Dryer A, constructed in 1997, with a 0.078 inch screen, a maximum throughput of 150 tons per hour, and a maximum heat input of 60 million British thermal units per hour.
- (c) One (1) natural gas-fired column grain dryer, identified as Dryer B, approved for construction in 2011, with a maximum grain throughput of 132 tons per year and a maximum heat input capacity of 48 MMBtu per hour.
- (d) One (1) corn storage building, identified as B-1, with a storage capacity of 4989 tons, constructed in 2010, which includes:
  - (1) One (1) enclosed conveyor, identified as CONB1, approved for construction in 2011, with a maximum production capacity of 18 tons per hour, with particulate emissions to be controlled by a baghouse, identified as C-2, venting to stack S-3.

Under 40 CFR 60, Subpart DD, the grain elevator is considered to be an affected facility.

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) Paved and unpaved roads and parking lots with public access [326 IAC 6-4][326 IAC 6-5].
- (b) Other emission units, not regulated by a NESHAP, with PM<sub>10</sub>, NO<sub>x</sub>, and SO<sub>2</sub> emissions less than five (5) pounds per hour or twenty-five (25) pounds per day, CO emissions less than twenty-five (25) pounds per day, VOC emissions less than three (3) pounds per hour or fifteen (15) pounds per day, lead emissions less than six-tenths (0.6) tons per year or three and twenty-nine hundredths (3.29) pounds per day, and emitting greater than one (1) pound per day but less than five (5) pounds per day or one (1) ton per year of a single HAP, or emitting greater than one (1) pound per day but less than twelve and five tenths (12.5) pounds per day or two and five tenths (2.5) ton per year of any combination of HAPs:
  - (1) Thirteen (13) storage silos, identified as:
    - (A) Silo 10, with a storage capacity of 500,000 bushels, constructed in 1977;
    - (B) Silo 11, with a storage capacity of 500,000 bushels, constructed in 1977;
    - (C) Silo 12, with a storage capacity of 668,000 bushels, constructed in 2007;
    - (D) Silo 20, with a storage capacity of 29,000 bushels, constructed in 1977;
    - (E) Silo 21, with a storage capacity of 198,000 bushels, constructed in 1977;
    - (F) Silo 22, with a storage capacity of 500,000 bushels, constructed in 1977;
    - (G) Silo 23, with a storage capacity of 532,000 bushels, constructed in 2007;
    - (H) Silo 30, with a storage capacity of 127,000 bushels, constructed in 1977;
    - (I) Silo 31, with a storage capacity of 198,000 bushels, constructed in 1977;
    - (J) Silo 32, with a storage capacity of 198,000 bushels, constructed in 1977;
    - (K) Silo 33, with a storage capacity of 198,000 bushels, constructed in 1977;
    - (L) Silo 34, with a storage capacity of 500,000 bushels, constructed in 1999;
    - (M) Silo 35, with a storage capacity of 650,000 bushels, constructed in 2002;
    - (N) Silo 36, with a storage capacity of 650,000 bushels, constructed in 2002;
    - (O) Silo 42, with a storage capacity of 1,500,000 bushels, constructed in 2003.
  - (2) Storage piles, identified as pile XT2, XT3, XT4, XT5, and XT6.
  - (3) Totally enclosed internal operations including all grain elevators and transfer points.
  - (4) One (1) mineral oil storage tank with a capacity of 10,000 gallons.
- (c) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour:
  - (1) Two (2) natural gas-fired space heaters, each with a maximum capacity of 0.20 million British thermal units per hour.
  - (2) Two (2) natural gas-fired space heaters, each with a maximum capacity of 0.11 million British thermal units per hour.
- (d) Storage tanks with capacities less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons:
  - (1) One (1) gasoline storage tank with a maximum capacity of 500 gallons.

- (2) One (1) diesel fuel storage tank with a maximum capacity of 550 gallons.
- (e) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons
- (f) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- (g) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings.
- (h) Underground conveyors.

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]

---

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, F009-23590-00021, 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]

---

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]

---

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. 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)]**

---

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)]**

---

(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]

- (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]**

---

- (a) All terms and conditions of permits established prior to F009-23590-00021 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)]**

---

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)]

- (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]

- (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) and greenhouse gases (GHGs), 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.
- (4) The potential to emit greenhouse gases (GHGs) from the entire source shall be limited to less than one hundred thousand (100,000) tons of CO<sub>2</sub> equivalent emissions (CO<sub>2</sub>e) 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]

---

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 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]

---

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 attached plan as in Attachment A.

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

---

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
  - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
  - (2) If there is a change in the following:
    - (A) Asbestos removal or demolition start date;
    - (B) Removal or demolition contractor; or
    - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 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]**

---

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)]**

---

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)]**

---

- (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 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

---

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

- (a) The Permittee shall maintain the most recently submitted written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

#### **C.14 Risk Management Plan [326 IAC 2-8-4] [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.15 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.16 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.17 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, 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.18 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 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.19 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:

One (1) grain elevator, comprised of the following equipment:

- (a) One (1) red truck unloading bay, identified as TD1, one (1) yellow truck/rail unloading bay, identified as TD2, and one (1) truck/rail loading bay, identified as Shipping, each constructed in 1997 and approved for modification in 2011 to add a 3,500 bushel silo on top of each bay, each bay with a maximum capacity of 630 tons per hour, with emissions controlled by one (1) baghouse C-1, and all exhausting to stack S-1.
- (b) One (1) natural gas-fired column grain dryer, identified as Dryer A, constructed in 1997, with a 0.078 inch screen, a maximum throughput of 150 tons per hour, and a maximum heat input of 60 million British thermal units per hour.
- (c) One (1) natural gas-fired column grain dryer, identified as Dryer B, approved for construction in 2011, with a maximum grain throughput of 132 tons per year and a maximum heat input capacity of 48 MMBtu per hour.

Under 40 CFR 60, Subpart DD, the grain elevator is considered to be an affected facility.

(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 PM PM10 and PM2.5 Emission Limitations [326 IAC 2-8-4] [326 IAC 2-2]

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-2 (PSD) not applicable, the Permittee shall comply with the following limits:

- (a) The PM, PM10, and PM2.5 emissions from the grain receiving, handling, and load-out operations shall not exceed the emission limits listed in the table below:

| Unit Description                           | Baghouse ID | PM Emission Limit (lbs/hr) | PM10 Emission Limit (lbs/hr) | PM2.5 Emission Limit (lbs/hr) |
|--|-------------|----------------------------|------------------------------|-------------------------------|
| Grain Unloading (TD1 and TD2) and Shipping | C-1         | 4.11                       | 4.11                         | 4.11                          |

- (b) The combined grain throughput to Dryer A and Dryer B shall not exceed 560,000 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with these limits, combined with the potential to emit PM, PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM to less than two hundred fifty (250) tons per twelve (12) consecutive month period and shall limit PM10 and PM2.5 to less than one hundred (100) tons per twelve (12) consecutive month period and shall render 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), not applicable.

**D.1.2 Particulate Emission Limitations [326 IAC 6-3-2]**

Pursuant to 326 IAC 6-3-2, particulate emissions from each of the following operations shall not exceed the pound per hour limits listed in the table below:

| Unit ID               | Unit Description                           | Max. Throughput Rate (tons/hr) | Particulate Emission Limit (lbs/hr) |
|-----------------------|--|--------------------------------|-------------------------------------|
| TD1, TD2 and Shipping | Grain Unloading (TD1 and TD2) and Shipping | 630                            | 71.8                                |
| Dryer A               | Grain Dryer A                              | 150                            | 55.4                                |
| Dryer B               | Grain Dryer B                              | 132                            | 54.11                               |
| CONB1                 | Conveyor CONB1                             | 18                             | 28.43                               |

The pounds per hour limitations were calculated using the following equations:

Interpolation 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:

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

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.

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

**D.1.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]**

A Preventive Maintenance Plan is required for these facilities and any 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.1.4 Particulate Control**

- (a) In order to comply with Conditions D.1.2 and D.1.1, each of the following emission units shall be controlled by the associated baghouse, as listed in the table below, when these units are in operation:

| Unit Description                           | Baghouse ID |
|--|-------------|
| Grain Unloading (TD1 and TD2) and Shipping | C-1         |

- (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.1.5 Testing Requirements [326 IAC 2-8-5(a)(1), (4)] [326 IAC 2-1.1-11] [40 CFR 60.30]

---

In order to demonstrate compliance with Condition D.1.1 and Section E.1:

- (a) The Permittee shall perform PM testing for baghouse C-1, utilizing methods as approved by the Commissioner at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing. PM includes filterable and condensible PM.
- (b) The Permittee shall perform PM10 and PM2.5 testing for baghouse C-1 utilizing methods as approved by the Commissioner at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing. PM10 includes filterable and condensible PM10.

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

##### D.1.6 Visible Emissions Notations

---

- (a) Once per day visible emission notations of the baghouse stack exhaust (S-1) 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. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

##### D.1.7 Parametric Monitoring

---

- (a) The Permittee shall record the pressure drop across the baghouse (C-1) used in conjunction with the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping at least once per day when these units are in operation. When for any one reading, the pressure drop across the baghouse is outside the normal range of 1.0 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 or 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.
- (b) 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 or replaced at least once every six (6) months.

#### D.1.8 Broken or Failed Bag Detection

---

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

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

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

#### D.1.9 Record Keeping Requirements

---

- (a) To document the compliance status with condition D.1.1(b), the Permittee shall maintain records in accordance with (1) below. Records maintained for (1) shall be taken monthly and shall be complete and sufficient to establish compliance with the throughput limits established in condition D.1.1(b). Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
  - (1) The combined grain throughput to Dryer A and Dryer B each month and each twelve (12) consecutive month period.
- (b) To document the compliance status with Condition D.1.6, the Permittee shall maintain records of the once per day visible emission notations of the baghouse 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 (e.g. the process did not operate that day).
- (c) To document the compliance status with Condition D.1.7, the Permittee shall maintain once per day records of pressure drop during normal operation. 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 (e.g. the process did not operate that day).
- (d) Section C - General Record Keeping Requirements of this permit contains the Permittee's obligation with regard to the records required by this condition.

#### D.1.10 Reporting Requirements

---

A quarterly summary of the information to document the compliance status with condition D.1.1(b) shall be submitted using the reporting forms located at the end of this permit, or their equivalent, 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**

**FACILITY OPERATION CONDITIONS**

**Facility Description [326 IAC 2-8-4(10)]: Specifically Regulated Insignificant Activities**

(b) Other emission units, not regulated by a NESHAP, with PM<sub>10</sub>, NO<sub>x</sub>, and SO<sub>2</sub> emissions less than five (5) pounds per hour or twenty-five (25) pounds per day, CO emissions less than twenty-five (25) pounds per day, VOC emissions less than three (3) pounds per hour or fifteen (15) pounds per day, lead emissions less than six-tenths (0.6) tons per year or three and twenty-nine hundredths (3.29) pounds per day, and emitting greater than one (1) pound per day but less than five (5) pounds per day or one (1) ton per year of a single HAP, or emitting greater than one (1) pound per day but less than twelve and five tenths (12.5) pounds per day or two and five tenths (2.5) ton per year of any combination of HAPs:

- (1) Thirteen (13) storage silos, identified as:
  - (A) Silo 10, with a storage capacity of 500,000 bushels, constructed in 1977;
  - (B) Silo 11, with a storage capacity of 500,000 bushels, constructed in 1977;
  - (C) Silo 12, with a storage capacity of 668,000 bushels, constructed in 2007;
  - (D) Silo 20, with a storage capacity of 29,000 bushels, constructed in 1977;
  - (E) Silo 21, with a storage capacity of 198,000 bushels, constructed in 1977;
  - (F) Silo 22, with a storage capacity of 500,000 bushels, constructed in 1977;
  - (G) Silo 23, with a storage capacity of 532,000 bushels, constructed in 2007;
  - (H) Silo 30, with a storage capacity of 127,000 bushels, constructed in 1977;
  - (I) Silo 31, with a storage capacity of 198,000 bushels, constructed in 1977;
  - (J) Silo 32, with a storage capacity of 198,000 bushels, constructed in 1977;
  - (K) Silo 33, with a storage capacity of 198,000 bushels, constructed in 1977;
  - (L) Silo 34, with a storage capacity of 500,000 bushels, constructed in 1999;
  - (M) Silo 35, with a storage capacity of 650,000 bushels, constructed in 2002;
  - (N) Silo 36, with a storage capacity of 650,000 bushels, constructed in 2002;
  - (O) Silo 42, with a storage capacity of 1,500,000 bushels, constructed in 2003.

(2) Storage piles, identified as pile XT2, XT3, XT4, XT5, and XT6.

(4) Storage piles, identified as pile XT2, XT3, XT4, XT5, and XT6.

(The information describing the process contained in this facility 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 Emission Limitations [326 IAC 6-3-2]**

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emissions from the silo/pile loadout operations shall not exceed the listed pounds per hour emission limitations when operating at the listed process weight rates.

| Silo/Pile | Process Weight Rate (ton/hr) | Particulate Emission Limitations (lb/hr) |
|-----------|------------------------------|--|
| 10        | 630                          | 71.76                                    |
| 11        | 630                          | 71.76                                    |
| 12        | 630                          | 71.76                                    |
| 20        | 630                          | 71.76                                    |
| 21        | 630                          | 71.76                                    |
| 22        | 630                          | 71.76                                    |
| 23        | 630                          | 71.76                                    |
| 30        | 630                          | 71.76                                    |
| 31        | 630                          | 71.76                                    |
| 32        | 630                          | 71.76                                    |
| 33        | 630                          | 71.76                                    |
| 34        | 630                          | 71.76                                    |
| 35        | 630                          | 71.76                                    |
| 36        | 630                          | 71.76                                    |
| 37        | 630                          | 71.76                                    |
| 38        | 630                          | 71.76                                    |
| 42        | 630                          | 71.76                                    |
| XT2       | 15.76                        | 26.01                                    |
| XT3       | 15.76                        | 26.01                                    |
| XT4       | 3.43                         | 9.36                                     |
| XT5       | 1.60                         | 5.61                                     |
| XT6       | 1.60                         | 5.61                                     |

These limitations were calculated using the following equations:

**Interpolation 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:**

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

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

## SECTION E.1

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-8-4(10)]:

One (1) grain elevator, comprised of the following equipment:

- (a) One (1) red truck unloading bay, identified as TD1, one (1) yellow truck/rail unloading bay, identified as TD2, and one (1) truck/rail loading bay, identified as Shipping, each constructed in 1997 and approved for modification in 2011 to add a 3,500 bushel silo on top of each bay, each bay with a maximum capacity of 630 tons per hour, with emissions controlled by one (1) baghouse C-1, and all exhausting to stack S-1.
- (b) One (1) natural gas-fired column grain dryer, identified as Dryer A, constructed in 1997, with a 0.078 inch screen, a maximum throughput of 150 tons per hour, and a maximum heat input of 60 million British thermal units per hour.
- (c) One (1) natural gas-fired column grain dryer, identified as Dryer B, approved for construction in 2011, with a maximum grain throughput of 132 tons per year and a maximum heat input capacity of 48 MMBtu per hour.
- (d) One (1) corn storage building, identified as B-1, with a storage capacity of 4989 tons, constructed in 2010, which includes:
  - (1) One (1) enclosed conveyor, identified as CONB1, approved for construction in 2011, with a maximum production capacity of 18 tons per hour, with particulate emissions to be controlled by a baghouse, identified as C-2, venting to stack S-3.

Under 40 CFR 60, Subpart DD, the grain elevator is considered to be an affected facility.

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

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

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

- (a) The provisions of 40 CFR 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the facilities described in this Section E.1 except when otherwise specified in 40 CFR 60, Subpart DD.
- (b) Pursuant to 40 CFR 60.19, the Permittee shall submit all required notifications and reports 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

E.1.2 New Source Performance Standards (NSPS) for Grain Elevators [326 IAC 12] [40 CFR Part 60, Subpart DD]

---

The permittee shall comply with the following provisions of 40 CFR 63, Subpart DD as specified in Attachment B of this permit:

Applicable portions of the NSPS are the following:

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

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

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

Source Name: Central States Enterprises, LLC  
Source Address: 6627 N 400 E, Montpelier, Indiana 47359  
FESOP Permit No.: F009-23590-00021

**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**

**FESOP Quarterly Report**

Source Name: Central States Enterprises, LLC  
Source Address: 6627 N 400 E, Montpelier, Indiana 47359  
FESOP Permit No.: F009-23590-00021  
Facility: Column Grain Dryer A and Dryer B  
Parameter: Combined Grain Throughput  
Limit: 560,000 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

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  
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: Central States Enterprises, LLC  
Source Address: 6627 N 400 E, Montpelier, Indiana 47359  
FESOP Permit No.: F009-23590-00021

**This form consists of 2 pages**

**Page 1 of 2**

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

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

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

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

Page 2 of 2

|   |
|---|
| Date/Time Emergency started:  |
| Date/Time Emergency was corrected:  |
| Was the facility being properly operated at the time of the emergency?    Y    N<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  
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Central States Enterprises, LLC  
Source Address: 6627 N 400 E, Montpelier, Indiana 47359  
FESOP Permit No.: F009-23590-00021

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

Page 1 of 2

|  |                                      |
|--|--------------------------------------|
| <p>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".</p> |                                      |
| <p><input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.</p>  |                                      |
| <p><input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD</p>  |                                      |
| <p><b>Permit Requirement</b> (specify permit condition #)</p>  |                                      |
| <p><b>Date of Deviation:</b></p>   | <p><b>Duration of Deviation:</b></p> |
| <p><b>Number of Deviations:</b></p>  |                                      |
| <p><b>Probable Cause of Deviation:</b></p>   |                                      |
| <p><b>Response Steps Taken:</b></p>  |                                      |
| <p><b>Permit Requirement</b> (specify permit condition #)</p>  |                                      |
| <p><b>Date of Deviation:</b></p>   | <p><b>Duration of Deviation:</b></p> |
| <p><b>Number of Deviations:</b></p>  |                                      |
| <p><b>Probable Cause of Deviation:</b></p>   |                                      |
| <p><b>Response Steps Taken:</b></p>  |                                      |

|  |                               |
|--|-------------------------------|
| <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 Dust Control Plan [326 IAC 6-5]**

**for**

**Central States Enterprises, Inc.**

**6627N 400E**

**Montpelier, IN 47359**

**Federally Enforceable State Operating Permit Renewal**

**No. F009-23590-00021**

## **Attachment A Fugitive Dust Control Plan Central States Enterprises, Inc.**

Central States Enterprises, Inc. (Central States) is an existing grain elevator located in Montpelier, Indiana. This Fugitive Dust Control Plan has been prepared pursuant to Title 326 of the Indiana Administrative Code (IAC), Article 6, Rule 5. The plan outlines the potential particulate matter (PM) fugitive emission sources as well as the control methods proposed for each source.

The Plan will be kept onsite and updated as needed to prevent fugitive PM emissions from the discussed operations.

### **Potential Emission Sources**

The emissions sources with the potential to emit fugitive PM associated with the operations of the elevator include the following:

- Grain Receiving, Handling, and Loadout
- Grain Drying
- Haul Road Traffic (Paved and Unpaved)

### **Control Methods**

#### **Grain Receiving and Handling**

Potential PM produced from the grain receiving, handling, and loadout processes are collected and controlled by high efficiency fabric filter baghouses. The receiving pits and loadout bay are located within a building structure limiting the amount of uncaptured dust. Grain is transferred to the storage silos and ground storage through enclosed conveyance units.

#### **Grain Drying**

The exterior shell of the existing and new column grain dryers are constructed with perforations diameters meeting the New Source Performance Standard limits. The dryers will burn natural gas limiting the potential combustion PM.

#### **Haul Road Traffic (Paved and Unpaved)**

Fugitive dust is generated from the contact between the roads and the vehicle tires causing the re-suspension of loose material on the road surface. The source proposes the following dust control measures to mitigate emissions from the truck hauling activities at the site:

- Haul roads at the Source are paved;
- Travel on unpaved surfaces will be limited;
- The areas near the grain receiving pits will be swept when excess dust is present;
- Visual inspections of the haul roads will be performed weekly; and
- Haul roads at the site will be swept/vacuumed when silt has accumulated to visible levels on the road.

**Attachment B: Applicable NSPS Requirements**

**for**

**Central States Enterprises, Inc.**

**6627N 400E**

**Montpelier, IN 47359**

**Federally Enforceable State Operating Permit Renewal**

**No. F009-23590-00021**

**Title 40: Protection of the Environment**

**PART 60—STANDARDS OF PERFORMANCE FOR NEW STATIONARY  
SOURCES**

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

## **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, scalpers, 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.

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

Addendum to the Technical Support Document (ATSD) for a  
Significant Permit Revision to a Federally Enforceable State Operating  
Permit (FESOP)

|  |
|--|
| <b>Source Background and Description</b> |
|--|

|   |  |
|---|--|
| <b>Source Name:</b>                     | <b>Central States Enterprises, LLC</b>         |
| <b>Source Location:</b>                 | <b>6627 N 400 E, Montpelier, Indiana 47359</b> |
| <b>County:</b>                          | <b>Blackford</b>                               |
| <b>SIC Code:</b>                        | <b>5153</b>                                    |
| <b>Operation Permit No.:</b>            | <b>F009-23590-00021</b>                        |
| <b>Operation Permit Issuance Date:</b>  | <b>July 9, 2007</b>                            |
| <b>Significant Permit Revision No.:</b> | <b>009-30298-00021</b>                         |
| <b>Permit Reviewer:</b>                 | <b>Summer Keown</b>                            |

On May 23, 2011, the Office of Air Quality (OAQ) had a notice published in News Times, Hartford City, Indiana, stating that Central States Enterprises, LLC had applied for a Significant Permit Revision to construct and operate a new column grain dryer. The notice also stated that the OAQ proposed to issue a Significant Permit Revision for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

|                               |
|-------------------------------|
| <b>Comments and Responses</b> |
|-------------------------------|

**Citizen Comments**

On June 3, 2011, Ms. Shirley Glessner submitted comments to IDEM, OAQ on the draft Significant Permit Revision.

The Technical Support Document (TSD) is used by IDEM, OAQ for historical purposes. IDEM, OAQ does not make any changes to the original TSD, but the Permit will have the updated changes. The comments and revised permit language are provided below with deleted language as ~~strikeouts~~ and new language **bolded**.

**Comment 1:**

Ms. Glessner is concerned about the amount of dust and dirt that Central States Enterprises, LLC is already allowed to exhaust into the air. She states that this dust and dirt gathers on houses and cars. Ms. Glessner suggests that Central States Enterprises, LLC install a bigger and better filtering system on their equipment.

### **Response to Comment 1:**

Indiana's air regulations prohibit dust from leaving a source's property at ground level, called fugitive dust. This report of fugitive dust has been forwarded to IDEM's Air Compliance and Enforcement Branch. Citizens should immediately contact the IDEM air inspector if there are any new or continuing observations of open burning, fugitive dust leaving a source's property at ground level, burning sensations in the nose, throat or eyes or any other compliance related concerns with this facility. IDEM's inspector for this source is Matthew Chaifetz. He may be reached by telephone at (317) 232-8408, or toll free (800) 451-6027 (extension 28408), FAX (317) 233-6865. Environmental complaints may also be filed at <http://www.IN.gov/idem/5274.htm> on the Internet.

No changes to the permit were made as a result of this comment.

On June 3, 2011, Ms. Judith I. VanCamp and Mr. Glen F. VamCamp submitted comments to IDEM, OAQ on the draft Significant Permit Revision.

The Technical Support Document (TSD) is used by IDEM, OAQ for historical purposes. IDEM, OAQ does not make any changes to the original TSD, but the Permit will have the updated changes. The comments and revised permit language are provided below with deleted language as ~~strikeouts~~ and new language **bolded**.

### **Comment 1:**

Mr. and Ms. VanCamp state that they are subjected to intense noise and ground vibration created by the dryers, and suggest that Central States Enterprises, LLC should have erected a sound barrier.

### **Response to Comment 1:**

IDEM recognizes that quality of life issues such as noise, vibrations, odors and property values are very important. IDEM does not have legal authority to regulate zoning, odor, vibrations, or noise; therefore, IDEM does not have the authority to issue or deny a permit based on the proximity to residential property. For issues related to zoning, odor, vibrations and noise, citizens should contact their local government entities, such as the zoning board, county council, county commission, and/or local board of health.

### **Comment 2:**

Mr. and Ms. VanCamp state that particles of grain dust fly in the air, and that some residents have developed respiratory problems since Central States Enterprises, LLC began its operation, and that increased air pollutants or the removal or decrease of emission standards may inflict stress on already serious ailments.

### **Response to Comment 2:**

The federal Clean Air Act requires the U.S. EPA to set National Ambient Air Quality Standards (NAAQS) for six criteria pollutants, ozone, particulate matter, nitrogen oxides, sulfur dioxide, carbon monoxide and lead. These standards are set at levels that protect human health, including the health of sensitive persons, such as asthmatics, children and the elderly. The NAAQS are often referred to as the federal health standards for outdoor air. Blackford County is in attainment status for all the criteria pollutants. The source's permitted emissions will not cause or contribute to any violation of these national standards.

More information about these pollutants is available at <http://www.epa.gov/air/airpollutants.html> on U.S. EPA's website. The complete table of the NAAQS can be found at the <http://www.epa.gov/air/criteria.html> website. Detailed information about the health effects of these common pollutants is available at <http://www.epa.gov/air/urbanair/>. IDEM conducts sampling of the ambient air at monitoring stations around Indiana. This air monitoring is conducted to measure whether the NAAQS are being met. Information about Indiana's air monitoring system and monitoring results is available at <http://www.IN.gov/idem/4116.htm>. Information about current and expected air pollution levels is on IDEM's SmogWatch site at <http://www.IN.gov/apps/idem/smog/>.

Indiana's air regulations prohibit dust from leaving a source's property at ground level, called fugitive dust. This report of fugitive dust has been forwarded to IDEM's Air Compliance and Enforcement Branch. Citizens should immediately contact the IDEM air inspector if there are any new or continuing observations of open burning, fugitive dust leaving a source's property at ground level, burning sensations in the nose, throat or eyes or any other compliance related concerns with this facility. IDEM's inspector for this source is Matthew Chaifetz. He may be reached by telephone at (317) 232-8408, or toll free (800) 451-6027 (extension 28408), FAX (317) 233-6865. Environmental complaints may also be filed at <http://www.IN.gov/idem/5274.htm> on the Internet.

**Comment 3:**

Mr. and Ms. VanCamp state that Central States Enterprises, LLC has burned molded grain on the ground which created odors and fumes that burnt the nose, throat and eyes, and that this was addressed by Linda Briles of the Blackford County Health Department on their behalf. The open burning then ceased after this intervention.

**Response to Comment 3:**

Indiana's air regulations prohibit open burning with limited exceptions. Burning sensations in the nose, throat and eyes can be an indication of an air permit violation. This report of burning sensations has been forwarded to IDEM's Air Compliance and Enforcement Branch. Citizens should immediately contact the IDEM air inspector if there are any new or continuing observations of open burning, fugitive dust leaving a source's property at ground level, burning sensations in the nose, throat or eyes or any other compliance related concerns with this facility.

**Comment 4:**

Mr. and Ms. VanCamp state that a variety of undesirable wildlife is attracted by the outside corn storage areas and that excessive bird droppings have been occurring on their property since the corn storage piles at Central States Enterprises, LLC, were uncovered. Additionally, they state that recently there was an incident in Muncie where corn piles were present on a railroad track, causing an odor, which could be considered unhealthy if encountered by the general public.

**Response to Comment 4:**

IDEM recognizes that uncovered corn piles could attract wildlife and cause odors in such a manner that could be a nuisance to local residents. However, IDEM does not have legal authority to regulate issues such as zoning, odor, noise, traffic, or nuisance wildlife. For issues related to zoning, odor, noise, traffic, or nuisance wildlife please contact your local government entities, such as the zoning board, county council, county commission, and/or local board of health.

No changes to the permit were made as a result of these comments.

### Additional Changes

IDEM, OAQ has decided to make additional revisions to the permit as described below, with deleted language as ~~strikeouts~~ and new language **bolded**.

- (a) The permit has been revised to address greenhouse gases (GHGs). This existing stationary source is not major for Prevention of Significant Deterioration (326 IAC 2-2) because the emissions of GHGs are less than one hundred thousand (<100,000) tons of CO<sub>2</sub> equivalent emissions (CO<sub>2</sub>e) per year, and it is not in one of the twenty-eight (28) listed source categories. Please see the attached ATSD Appendix A emission calculations for GHG potential to emit.

#### 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.

Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM) **and greenhouse gases (GHGs)**, 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.
- (4) **The potential to emit greenhouse gases (GHGs) from the entire source shall be limited to less than one hundred thousand (100,000) tons of CO<sub>2</sub> equivalent emissions (CO<sub>2</sub>e) per twelve (12) consecutive month period.**

...

### IDEM Contact

- (a) Questions regarding this proposed Significant Permit Revision can be directed to Summer Keown at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-5175 or toll free at 1-800-451-6027 extension 4-5175.
- (b) A copy of the permit is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) 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)

**Appendix A: Emissions Calculations  
Emissions Summary**

**Company Name:** Central States Enterprises, LLC  
**Address City IN Zip:** 6627 N 400 E, Montpelier, Indiana 47359  
**Permit Number:** 009-30298-00021  
**Pit ID:** 009-00021  
**Reviewer:** Summer Keown  
**Date:** July 8, 2011

|                |   | Uncontrolled Potential To Emit (tons/year) |                     |                     |                     |                     |                      |                         |                      |                                       |                     |
|----------------|---|--|---------------------|---------------------|---------------------|---------------------|----------------------|-------------------------|----------------------|---------------------------------------|---------------------|
|                | Process/emission unit                   | PM   | PM10                | PM2.5               | SO <sub>2</sub>     | VOC                 | CO                   | CO <sub>2e</sub>        | NOx                  | Highest Single HAP                    | Total HAPs          |
| Existing Units | Column Dryer A - Natural Gas Combustion | 0.47<br><b>0.50</b>                        | 0.68<br><b>2.00</b> | 0.68<br><b>2.00</b> | 0.05<br><b>0.16</b> | 0.49<br><b>1.45</b> | 7.54<br><b>22.08</b> | 10,576<br><b>31,728</b> | 8.94<br><b>26.28</b> | 0.16 (hexane)<br><b>0.47 (hexane)</b> | 0.47<br><b>0.50</b> |
|                | Column Dryer A - Grain Handling         | 144.54                                     | 36.14               | 36.14               | 0.00                | 0.00                | 0.00                 | 0.00                    | 0.00                 | 0.00                                  | 0.00                |
|                | Grain Shipping                          | 1802.06                                    | 1802.06             | 1802.06             | 0.00                | 0.00                | 0.00                 | 0.00                    | 0.00                 | 0.00                                  | 0.00                |
|                | Grain Elevator - Fugitive Emissions     | 111.57                                     | 32.87               | 32.87               | 0.00                | 0.00                | 0.00                 | 0.00                    | 0.00                 | 0.00                                  | 0.00                |
|                | Insignificant Natural Gas Combustion    | 0.01                                       | 0.02                | 0.02                | 0.00                | 0.02                | 0.26                 | 366.00                  | 0.31                 | negl.                                 | 0.01                |
| New Units      | Paved and Unpaved Roads (Fugitive)      | 80.70                                      | 15.75               | 15.75               | 0.00                | 0.00                | 0.00                 | 0.00                    | 0.00                 | 0.00                                  | 0.00                |
|                | Column Dryer B - Natural Gas Combustion | <b>0.40</b>                                | <b>1.60</b>         | <b>1.60</b>         | <b>0.13</b>         | <b>1.16</b>         | <b>17.66</b>         | <b>25,382</b>           | <b>21.02</b>         | <b>0.38 (hexane)</b>                  | <b>0.40</b>         |
|                | Column Dryer B - Grain Handling         | <b>127.20</b>                              | <b>31.80</b>        | <b>5.43</b>         | <b>0.00</b>         | <b>0.00</b>         | <b>0.00</b>          | <b>0.00</b>             | <b>0.00</b>          | <b>0.00</b>                           | <b>0.00</b>         |
|                | Conveyor CONB1                          | <b>4.81</b>                                | <b>2.68</b>         | <b>0.46</b>         | <b>0.00</b>         | <b>0.00</b>         | <b>0.00</b>          | <b>0.00</b>             | <b>0.00</b>          | <b>0.00</b>                           | <b>0.00</b>         |
|                | Building B-1                            | <b>1.97</b>                                | <b>0.50</b>         | <b>0.09</b>         | <b>0.00</b>         | <b>0.00</b>         | <b>0.00</b>          | <b>0.00</b>             | <b>0.00</b>          | <b>0.00</b>                           | <b>0.00</b>         |
|                | <b>TOTAL</b>                            | <b>2139.05</b>                             | <b>1887.52</b>      | <b>1887.52</b>      | <b>0.05</b>         | <b>0.51</b>         | <b>7.77</b>          | <b>10,942</b>           | <b>9.25</b>          | <b>0.16 (hexane)</b>                  | <b>0.48</b>         |
|                | Net increase in potential emissions     | 134.71                                     | 37.90               | 8.90                | 0.24                | 2.12                | 32.23                | 46,534                  | 38.36                | 0.69 (hexane)                         | 0.73                |

|           |   | Limited Potential To Emit (tons/year) |              |              |                 |             |              |                  |              |                      |             |
|-----------|---|---------------------------------------|--------------|--------------|-----------------|-------------|--------------|------------------|--------------|----------------------|-------------|
|           | Process/emission unit                   | PM                                    | PM10         | PM2.5        | SO <sub>2</sub> | VOC         | CO           | CO <sub>2e</sub> | NOx          | Highest Single HAP   | Total HAPs  |
|           | Column Dryer A - Natural Gas Combustion | 0.50                                  | 2.00         | 2.00         | 0.16            | 1.45        | 22.08        | 31,728           | 26.28        | 0.47 (hexane)        | 0.50        |
|           | Grain Shipping                          | 18.02                                 | 18.02        | 18.02        | 0.00            | 0.00        | 0.00         | 0.00             | 0.00         | 0.00                 | 0.00        |
|           | Grain Elevator - Fugitive Emissions     | 22.67                                 | 6.28         | 6.28         | 0.00            | 0.00        | 0.00         | 0.00             | 0.00         | 0.00                 | 0.00        |
|           | Insignificant Natural Gas Combustion    | 0.01                                  | 0.02         | 0.02         | 0.00            | 0.02        | 0.26         | 366              | 0.31         | negl.                | 0.01        |
|           | Paved and Unpaved Roads (Fugitive)      | 40.55                                 | 7.94         | 7.94         | 0.00            | 0.00        | 0.00         | 0.00             | 0.00         | 0.00                 | 0.00        |
| New Units | Column Dryer A - Grain Handling         | 61.60                                 | 15.40        | 2.63         | 0.00            | 0.00        | 0.00         | 0.00             | 0.00         | 0.00                 | 0.00        |
|           | Column Dryer B - Grain Handling         |                                       |              |              | 0.00            | 0.00        | 0.00         | 0.00             | 0.00         | 0.00                 | 0.00        |
|           | Column Dryer B - Natural Gas Combustion | 0.40                                  | 1.60         | 1.60         | 0.13            | 1.16        | 17.66        | 25,382           | 21.02        | 0.38 (hexane)        | 0.40        |
|           | Conveyor CONB1                          | 4.81                                  | 2.68         | 0.46         | 0.00            | 0.00        | 0.00         | 0.00             | 0.00         | 0.00                 | 0.00        |
|           | Building B-1                            | 1.97                                  | 0.50         | 0.09         | 0.00            | 0.00        | 0.00         | 0.00             | 0.00         | 0.00                 | 0.00        |
|           | <b>Total</b>                            | <b>150.53</b>                         | <b>54.44</b> | <b>39.04</b> | <b>0.29</b>     | <b>2.63</b> | <b>40.00</b> | <b>57,476</b>    | <b>47.61</b> | <b>0.85 (hexane)</b> | <b>0.91</b> |

**Appendix A: Emissions Calculations  
Column Dryers A and B and Insignificant Activity  
Natural Gas Combustion**

**Company Name:** Central States Enterprises, LLC  
**Address City IN Zip:** 6627 N 400 E, Montpelier, Indiana 47359  
**Permit Number:** 009-30298-00021  
**Plt ID:** 009-00021  
**Reviewer:** Summer Keown  
**Date:** July 8, 2011

| Heat Input Capacity<br>MMBtu/hr | Potential Throughput<br>MMCF/yr | Emission Unit<br>ID      |
|---------------------------------|---------------------------------|--------------------------|
| 60.00                           | 525.60                          | Grain Dryer A            |
| 48.00                           | 420.48                          | Grain Dryer B            |
| 0.692                           | 6.06                            | Insignificant Activities |
| 108.69                          | 952.14                          |                          |

| Emission Factor in lb/MMCF    | Pollutant |       |      |                           |      |       |
|-------------------------------|-----------|-------|------|---------------------------|------|-------|
|                               | PM*       | PM10* | SO2  | NOx<br>100<br>**see below | VOC  | CO    |
| Potential Emission in tons/yr | 0.90      | 3.62  | 0.29 | 47.61                     | 2.62 | 39.99 |

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

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

**Methodology**

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03

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

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

See page 2 for HAPs emissions calculations.

**Appendix A: Emissions Calculations  
 Column Dryers A and B and Insignificant Activity  
 Natural Gas Combustion  
 HAPs Emissions**

**Company Name:** Central States Enterprises, LLC  
**Address City IN Zip:** 6627 N 400 E, Montpelier, Indiana 47359  
**Permit Number:** 009-30298-00021  
**Pit ID:** 009-00021  
**Reviewer:** Summer Keown  
**Date:** July 8, 2011

| HAPs - Organics               |                    |                            |                         |                   |                    |
|-------------------------------|--------------------|----------------------------|-------------------------|-------------------|--------------------|
| Emission Factor in lb/MMcf    | Benzene<br>2.1E-03 | Dichlorobenzene<br>1.2E-03 | Formaldehyde<br>7.5E-02 | Hexane<br>1.8E+00 | Toluene<br>3.4E-03 |
| Potential Emission in tons/yr | 9.997E-04          | 5.713E-04                  | 3.571E-02               | 8.569E-01         | 1.619E-03          |

| HAPs - Metals                 |                 |                    |                     |                      |                   |
|-------------------------------|-----------------|--------------------|---------------------|----------------------|-------------------|
| Emission Factor in lb/MMcf    | Lead<br>5.0E-04 | Cadmium<br>1.1E-03 | Chromium<br>1.4E-03 | Manganese<br>3.8E-04 | Nickel<br>2.1E-03 |
| Potential Emission in tons/yr | 2.380E-04       | 5.237E-04          | 6.665E-04           | 1.809E-04            | 9.997E-04         |

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.  
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.  
 See Page 3 for Greenhouse Gas calculations.

**Appendix A: Emissions Calculations  
 Column Dryers A and B and Insignificant Activity  
 Natural Gas Combustion  
 Greenhouse Gas Emissions**

**Company Name:** Central States Enterprises, LLC  
**Address City IN Zip:** 6627 N 400 E, Montpelier, Indiana 47359  
**Permit Number:** 009-30298-00021  
**Pft ID:** 009-00021  
**Reviewer:** Summer Keown  
**Date:** July 8, 2011

| Emission Factor in lb/MMcf            | Greenhouse Gas |            |            |
|---------------------------------------|----------------|------------|------------|
|                                       | CO2<br>120,000 | CH4<br>2.3 | N2O<br>2.2 |
| Potential Emission in tons/yr         | 57,129         | 1.09       | 1.05       |
| Summed Potential Emissions in tons/yr | 57,131         |            |            |
| CO2e Total in tons/yr                 | 57,476         |            |            |

**Methodology**

The N2O Emission Factor for uncontrolled is 2.2.

Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.

Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.

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

CO2e (tons/yr) = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (21) + N2O Potential Emission ton/yr x N2O GWP (310).

**Appendix A: Emissions Calculations  
Column Dryer B  
Grain Throughput**

**Company Name: Central States Enterprises, LLC  
Address City IN Zip: 6627 N 400 E, Montpelier, Indiana 47359  
Permit Number: 009-30298-00021  
Plt ID: 009-00021  
Reviewer: Summer Keown  
Date: July 8, 2011**

Production Capacity  
(tons/hour)

132

| Pollutant | Potential Throughput (tons/hour) | Emission Factor (lbs/ton) | Uncontrolled Emissions (lbs/hour) | Uncontrolled Emissions (tons/year) |
|-----------|----------------------------------|---------------------------|-----------------------------------|------------------------------------|
| PM        | 132                              | 0.22                      | 29.04                             | 127.20                             |
| PM10      | 132                              | 0.055                     | 7.26                              | 31.80                              |
| PM2.5     | 132                              | 0.0094                    | 1.24                              | 5.43                               |

**Limited Throughput (Dryers A and B combined)**

(tons/year)

560,000

| Pollutant | Limited Throughput (tons/year) | Emission Factor (lbs/ton) | Limited Emissions (tons/year) |
|-----------|--------------------------------|---------------------------|-------------------------------|
| PM        | 560,000                        | 0.22                      | 61.60                         |
| PM10      | 560,000                        | 0.055                     | 15.40                         |
| PM2.5     | 560,000                        | 0.0094                    | 2.63                          |

Methodology

Uncontrolled Emissions (lbs/hour) = Potential Throughput (tons/hour) \* Emission Factor (lbs/ton)

Uncontrolled Emissions (tons/year) = Uncontrolled Emissions (lbs/hour) \* 8760 hours/year \* 1 ton/2000 lbs

Limited Emissions (tons/year) = Limited Throughput (tons/year) \* Emission Factor (lbs/ton) \* 1 ton/2000 lbs

Emission factors are for grain drying (column dryer) from AP-42, Chapter 9, Table 9.9.1-1, SCC 3-02-005-27.

The throughput limit was requested by the source to avoid the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration).

**Appendix A: Emissions Calculations  
Conveyor CONB1 and Storage Building B-1  
Grain Throughput**

**Company Name:** Central States Enterprises, LLC  
**Address City IN Zip:** 6627 N 400 E, Montpelier, Indiana 47359  
**Permit Number:** 009-30298-00021  
**Plt ID:** 009-00021  
**Reviewer:** Summer Keown  
**Date:** July 8, 2011

**Conveyor CONB1 Emissions**

Production Capacity  
(tons/hour)

18

| Pollutant | Potential Throughput (tons/hour) | Emission Factor (lbs/ton) | Uncontrolled Emissions (lbs/hour) | Uncontrolled Emissions (tons/year) | Control Efficiency | Controlled Emissions (lbs/hour) | Controlled Emissions (tons/year) |
|-----------|----------------------------------|---------------------------|-----------------------------------|------------------------------------|--------------------|---------------------------------|----------------------------------|
| PM        | 18                               | 0.061                     | 1.10                              | 4.81                               | 99.00%             | 0.01                            | 0.05                             |
| PM10      | 18                               | 0.034                     | 0.61                              | 2.68                               | 99.00%             | 0.01                            | 0.03                             |
| PM2.5     | 18                               | 0.0058                    | 0.10                              | 0.46                               | 99.00%             | 0.001                           | 0.005                            |

**Building B-1 Emissions**

| Pollutant | Potential Throughput (tons/hour) | Emission Factor (lbs/ton) | Uncontrolled Emissions (lbs/hour) | Uncontrolled Emissions (tons/year) |
|-----------|----------------------------------|---------------------------|-----------------------------------|------------------------------------|
| PM        | 18                               | 0.025                     | 0.45                              | 1.97                               |
| PM10      | 18                               | 0.0063                    | 0.11                              | 0.50                               |
| PM2.5     | 18                               | 0.0011                    | 0.02                              | 0.09                               |

Methodology

Uncontrolled Emissions (lbs/hour) = Potential Throughput (tons/hour) \* Emission Factor (lbs/ton)  
 Uncontrolled Emissions (tons/year) = Uncontrolled Emissions (lbs/hour) \* 8760 hours/year \* 1 ton/2000 lbs  
 Controlled Emissions (lbs/hour) = Uncontrolled Emissions (lbs/hour) \* (1 - Control Efficiency)  
 Controlled Emissions (tons/year) = Controlled Emissions (tons/year) \* (1 - Control Efficiency)  
 Emission factors for the conveyor are from AP-42, Chapter 9, Table 9.9.1-1, SCC 3-02-005-30.  
 Emission factors for Building B-1 are from AP-42, Chapter 9, Table 9.9.1-1, SCC 3-02-005-40.

## Indiana Department of Environmental Management Office of Air Quality

### Technical Support Document (TSD) for a Significant Permit Revision to a Federally Enforceable State Operating Permit (FESOP)

#### Source Description and Location

|   |  |
|---|--|
| <b>Source Name:</b>                     | <b>Central States Enterprises, LLC</b>         |
| <b>Source Location:</b>                 | <b>6627 N 400 E, Montpelier, Indiana 47359</b> |
| <b>County:</b>                          | <b>Blackford</b>                               |
| <b>SIC Code:</b>                        | <b>5153</b>                                    |
| <b>Operation Permit No.:</b>            | <b>F009-23590-00021</b>                        |
| <b>Operation Permit Issuance Date:</b>  | <b>July 9, 2007</b>                            |
| <b>Significant Permit Revision No.:</b> | <b>009-30298-00021</b>                         |
| <b>Permit Reviewer:</b>                 | <b>Summer Keown</b>                            |

On March 2, 2011, the Office of Air Quality (OAQ) received an application from Central States Enterprises, LLC related to a modification to an existing grain elevator.

#### Existing Approvals

The source was issued FESOP Renewal No. F009-23590-00021 on July 9, 2007. The source has since received Significant Permit Revision No. 009-28259-00021, issued on October 20, 2009.

#### County Attainment Status

The source is located in Blackford County.

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

- (a) Ozone Standards  
Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Blackford County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

- (b) **PM<sub>2.5</sub>**  
 Blackford County has been classified as attainment for PM<sub>2.5</sub>. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM<sub>2.5</sub> emissions. These rules became effective on July 15, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM<sub>2.5</sub> emissions until 326 IAC 2-2 is revised.
- (c) **Other Criteria Pollutants**  
 Blackford County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

**Fugitive Emissions**

This type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2, 326 IAC 2-3, or 326 IAC 2-7, however, there is an applicable New Source Performance Standard that was in effect on August 7, 1980, therefore fugitive emissions are counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

**Status of the Existing Source**

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

| Process/<br>Emission Unit           | Potential To Emit of the Entire Source Prior to Revision (tons/year) |             |             |                 |                 |            |            |             |                      |
|-------------------------------------|--|-------------|-------------|-----------------|-----------------|------------|------------|-------------|----------------------|
|                                     | PM   | PM10        | PM2.5       | SO <sub>2</sub> | NO <sub>x</sub> | VOC        | CO         | Total HAPs  | Worst Single HAP     |
| Dryer A - Natural Gas Combustion    | 0.17   | 0.68        | 0.68        | 0.05            | 8.94            | 0.49       | 7.51       | 0.16        | 0.16 (hexane)        |
| Grain Receiving and Shipping        | 18.02  | 18.02       | 18.02       | 0.00            | 0.00            | 0.00       | 0.00       | 0.00        | 0.00                 |
| Dryer A - Grain Handling            | 144.54   | 36.14       | 36.14       | 0.00            | 0.00            | 0.00       | 0.00       | 0.00        | 0.00                 |
| Grain Elevator - Fugitive Emissions | 22.67  | 6.28        | 6.28        | 0.00            | 0.00            | 0.00       | 0.00       | 0.00        | 0.00                 |
| Paved and Unpaved Roads (Fugitive)  | 40.55  | 7.94        | 7.94        | 0.00            | 0.00            | 0.00       | 0.00       | 0.00        | 0.00                 |
| Insignificant Combustion            | 0.01   | 0.02        | 0.02        | 0.00            | 0.31            | 0.02       | 0.26       | 0.01        | negl.                |
| <b>Total PTE of Entire Source</b>   | <b>226.0</b>   | <b>69.1</b> | <b>69.1</b> | <b>0.1</b>      | <b>9.2</b>      | <b>0.5</b> | <b>7.8</b> | <b>0.17</b> | <b>0.16 (hexane)</b> |
| Title V Major Source Thresholds     | NA   | 100         | 100         | 100             | 100             | 100        | 100        | 25          | 10                   |
| PSD Major Source Thresholds         | 250  | 250         | 250         | 250             | 250             | 250        | 250        | NA          | NA                   |

negl. = negligible  
 These emissions are based upon Significant Permit Revision No. 009-28259-00021, issued on October 20, 2009.

- (a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no attainment regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).

- (b) This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because the unlimited potential to emit HAPs are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

#### Description of Proposed Revision

The Office of Air Quality (OAQ) has reviewed an application, submitted by Central States Enterprises, LLC on March 2, 2011, relating to the construction and operation of a new column grain dryer, a correction of the maximum heat input capacity listed for the existing column grain dryer, and the issuance of a grain throughput limit for both grain dryers. Additionally, an enclosed conveyor and baghouse are being added to the new corn storage building B-1 and 3,500 bushel silos are being added to red truck unloading bay TD1 and yellow truck/rail unloading bay TD2.

The following is a list of the new emission units and pollution control devices:

- (a) One (1) natural gas-fired column grain dryer, identified as Dryer B, approved for construction in 2011, with a maximum grain throughput of 132 tons per year and a maximum heat input capacity of 48 MMBtu per hour.

Under 40 CFR 60, Subpart DD, the grain elevator is considered to be an affected facility.

- (b) One (1) corn storage building, identified as B-1, with a storage capacity of 4989 tons, constructed in 2010, which includes:

- (1) One (1) enclosed conveyor, identified as CONB1, approved for construction in 2011, with a maximum production capacity of 18 tons per hour, with particulate emissions to be controlled by a baghouse, identified as C-2, venting to stack S-3.

- (c) One (1) red truck unloading bay, identified as TD1, one (1) yellow truck/rail unloading bay, identified as TD2, and one (1) truck/rail loading bay, identified as Shipping, each constructed in 1997 and approved for modification in 2011 to add a 3,500 bushel silo on top of each bay, each bay with a maximum capacity of 630 tons per hour, with particulate emissions controlled by one (1) baghouse C-1, and all exhausting to stack S-1.

#### Enforcement Issues

There are no pending enforcement actions related to this revision.

#### Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

#### Permit Level Determination – FESOP Revision

The following table is used to determine the appropriate permit level under 326 IAC 2-8.11.1. This table reflects the PTE before controls of the proposed revision. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.



| Process/<br>Emission Unit       | Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year) |                                 |                                 |                               |                                |                               |                                |                                |  |
|---------------------------------|---|---------------------------------|---------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|--|
|                                 | PM  | PM10                            | PM2.5                           | SO <sub>2</sub>               | NO <sub>x</sub>                | VOC                           | CO                             | Total HAPs                     | Worst Single HAP                           |
| Insignificant Combustion        | 0.01  | 0.02                            | 0.02                            | 0.00                          | 0.31                           | 0.02                          | 0.26                           | 0.01                           | negl.                                      |
| <b>Building B-1</b>             | <b>1.97</b>   | <b>0.50</b>                     | <b>0.09</b>                     | <b>0.00</b>                   | <b>0.00</b>                    | <b>0.00</b>                   | <b>0.00</b>                    | <b>0.00</b>                    | <b>0.00</b>                                |
| <b>Conveyor CONB1</b>           | <b>4.81</b>   | <b>2.68</b>                     | <b>0.46</b>                     | <b>0.00</b>                   | <b>0.00</b>                    | <b>0.00</b>                   | <b>0.00</b>                    | <b>0.00</b>                    | <b>0.00</b>                                |
| Total PTE of Entire Source      | <del>226.0</del><br><b>150.53</b>   | <del>69.4</del><br><b>54.44</b> | <del>69.4</del><br><b>39.04</b> | <del>0.4</del><br><b>0.29</b> | <del>9.2</del><br><b>47.61</b> | <del>0.5</del><br><b>2.63</b> | <del>7.8</del><br><b>40.00</b> | <del>0.17</del><br><b>0.91</b> | <del>0.16</del><br><b>0.85</b><br>(hexane) |
| Title V Major Source Thresholds | NA  | 100                             | 100                             | 100                           | 100                            | 100                           | 100                            | 25                             | 10   |
| PSD Major Source Thresholds     | 250   | 250                             | 250                             | 250                           | 250                            | 250                           | 250                            | NA                             | NA   |

negl. = negligible  
 These emissions are based upon Significant Permit Revision No. 009-28259-00021, issued on October 20, 2009.

The table below summarizes the potential to emit of the entire source after issuance of this revision, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this FESOP permit revision, and only to the extent that the effect of the control equipment is made practically enforceable in the permit. (Note: the table below was generated from the above table, with bold text un-bolded and strikethrough text deleted)

| Process/<br>Emission Unit            | Potential To Emit of the Entire Source After Issuance of Revision (tons/year) |       |       |                 |                 |      |       |            |                  |
|--------------------------------------|---|-------|-------|-----------------|-----------------|------|-------|------------|------------------|
|                                      | PM  | PM10  | PM2.5 | SO <sub>2</sub> | NO <sub>x</sub> | VOC  | CO    | Total HAPs | Worst Single HAP |
| Dryer A - Natural Gas Combustion     | 0.50  | 2.00  | 2.00  | 0.16            | 26.28           | 1.45 | 22.08 | 0.50       | 0.47<br>(hexane) |
| Dryer B - Natural Gas Combustion     | 0.40  | 1.60  | 1.60  | 0.13            | 21.02           | 1.16 | 17.66 | 0.40       | 0.38<br>(hexane) |
| Grain Receiving and Shipping         | 18.02   | 18.02 | 18.02 | 0.00            | 0.00            | 0.00 | 0.00  | 0.00       | 0.00             |
| Dryer A and Dryer B - Grain Handling | 61.60   | 15.40 | 2.63  | 0.00            | 0.00            | 0.00 | 0.00  | 0.00       | 0.00             |
| Grain Elevator - Fugitive Emissions  | 22.67   | 6.28  | 6.28  | 0.00            | 0.00            | 0.00 | 0.00  | 0.00       | 0.00             |
| Paved and Unpaved Roads (Fugitive)   | 40.55   | 7.94  | 7.94  | 0.00            | 0.00            | 0.00 | 0.00  | 0.00       | 0.00             |
| Insignificant Combustion             | 0.01  | 0.02  | 0.02  | 0.00            | 0.31            | 0.02 | 0.26  | 0.01       | negl.            |
| Building B-1                         | 1.97  | 0.50  | 0.09  | 0.00            | 0.00            | 0.00 | 0.00  | 0.00       | 0.00             |
| Conveyor CONB1                       | 4.81  | 2.68  | 0.46  | 0.00            | 0.00            | 0.00 | 0.00  | 0.00       | 0.00             |
| Total PTE of Entire Source           | 150.53  | 54.44 | 39.04 | 0.29            | 47.61           | 2.63 | 40.00 | 0.91       | 0.85<br>(hexane) |

| Process/<br>Emission Unit       | Potential To Emit of the Entire Source After Issuance of Revision (tons/year) |      |       |                 |                 |     |     |            |                  |
|---------------------------------|---|------|-------|-----------------|-----------------|-----|-----|------------|------------------|
|                                 | PM  | PM10 | PM2.5 | SO <sub>2</sub> | NO <sub>x</sub> | VOC | CO  | Total HAPs | Worst Single HAP |
| Title V Major Source Thresholds | NA  | 100  | 100   | 100             | 100             | 100 | 100 | 25         | 10               |
| PSD Major Source Thresholds     | 250   | 250  | 250   | 250             | 250             | 250 | 250 | NA         | NA               |

negl. = negligible  
 These emissions are based upon Significant Permit Revision No. 009-28259-00021, issued on October 20, 2009.

(a) FESOP Status

This revision to an existing Title V minor stationary source will not change the minor status, because the potential to emit criteria pollutants from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-8 (FESOP).

In order to comply with the requirements of 326 IAC 2-8-4 (FESOP), the source shall comply with the following:

- (1) The PM, PM10, and PM2.5 emissions from the grain receiving, handling, and load-out operations shall not exceed the emission limits listed in the table below:

| Unit Description                           | Baghouse ID | PM Emission Limit (lbs/hr) | PM10 Emission Limit (lbs/hr) | PM2.5 Emission Limit (lbs/hr) |
|--|-------------|----------------------------|------------------------------|-------------------------------|
| Grain Unloading (TD1 and TD2) and Shipping | C-1         | 4.11                       | 4.11                         | 4.11                          |

- (2) The combined grain throughput to Dryer A and Dryer B shall not exceed 560,000 tons per year, with compliance determined at the end of each month.

Compliance with these limits, combined with the potential to emit PM, PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM to less than two hundred fifty (250) tons per twelve (12) consecutive month period and shall limit PM10 and PM2.5 to less than one hundred (100) tons per twelve (12) consecutive month period and shall render 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), not applicable.

(b) PSD Minor Source

This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than the PSD major source threshold levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the source shall comply with the following:

- (1) The PM, PM10, and PM2.5 emissions from the grain receiving, handling, and load-out operations shall not exceed the emission limits listed in the table below:

| Unit Description                           | Baghouse ID | PM Emission Limit (lbs/hr) | PM10 Emission Limit (lbs/hr) | PM2.5 Emission Limit (lbs/hr) |
|--|-------------|----------------------------|------------------------------|-------------------------------|
| Grain Unloading (TD1 and TD2) and Shipping | C-1         | 4.11                       | 4.11                         | 4.11                          |

- (2) The combined grain throughput to Dryer A and Dryer B shall not exceed 560,000 tons per year, with compliance determined at the end of each month.

Compliance with these limits, combined with the potential to emit PM, PM10, and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM, PM10, and PM2.5 to less than 250 tons per 12 consecutive month period and shall render 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

### **Federal Rule Applicability Determination**

#### New Source Performance Standards (NSPS)

- (a) The column grain dryer, identified as Dryer B, equipped with a 0.078-inch perforation screen, the enclosed conveyor, identified as CONB1, and the corn storage building, identified as B-1, are subject to the New Source Performance Standards for Grain Elevators (40 CFR 60, Subpart DD), because they are affected facilities at a grain elevator as described in 40 CFR 60.300(a) and they will commence construction after August 3, 1978.

Applicable portions of the NSPS are the following:

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

The requirements of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated as 326 IAC 12-1, apply to the grain elevator except as otherwise specified in 40 CFR 60, Subpart DD.

- (b) There are no other New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included for this proposed revision.

#### National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (c) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included for this proposed revision.

#### Compliance Assurance Monitoring (CAM)

- (d) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the potential to emit of the source is limited to less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

### **State Rule Applicability Determination**

The following state rules are applicable to the proposed revision:

- (a) 326 IAC 2-8-4 (FESOP)  
This revision to an existing Title V minor stationary source will not change the minor status, because the potential to emit criteria pollutants from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-8 (FESOP). See PTE of the Entire Source After Issuance of the FESOP Revision Section above.

- (b) 326 IAC 2-2 (Prevention of Significant Deterioration(PSD))  
This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than the PSD major source threshold levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply. See PTE of the Entire Source After Issuance of the FESOP Revision Section above.
- (c) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))  
The proposed revision is not subject to the requirements of 326 IAC 2-4.1, since the unlimited potential to emit of HAPs from the new units is less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs.
- (d) 326 IAC 2-6 (Emission Reporting)  
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.
- (e) 326 IAC 5-1 (Opacity Limitations)  
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
- (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
  - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
- (f) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)  
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source 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.
- (g) 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)  
The source is subject to the requirements of 326 IAC 6-5, because the grain handling has potential fugitive particulate emissions greater than 25 tons per year. Pursuant to 326 IAC 6-5, fugitive particulate matter emissions shall be controlled according to the Fugitive Dust Control Plan, submitted in 2009 and revised in 2010, which is included as Attachment A to the permit.

#### Grain Dryer

- (h) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)  
Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the natural gas-fired column grain dryer, identified as Dryer B, shall not exceed 54.11 pounds per hour when operating at a process weight rate of 132 tons per hour. The pound 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:

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

The potential PM emissions from the grain dryer, identified as Dryer B, are 29.04 pounds per hour. Therefore, the Dryer B is able to comply with this limit without the use of a control device.

- (i) 326 IAC 8-1-6 (General Reduction Requirements for VOC Emissions)  
The proposed revision is not subject to the requirements of 326 IAC 8-1-6, since the unlimited VOC potential emissions from the grain dryer, identified as Dryer B, is less than twenty-five (25) tons per year.
- (j) There are no other 326 IAC 8 Rules that are applicable to the grain dryer.
- (k) 326 IAC 12 (New Source Performance Standards)  
See Federal Rule Applicability Section of this TSD.

#### Conveyor

- (l) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)  
Pursuant to 326 IAC 6-3-2, the particulate from the conveyor, identified as CONB1, shall not exceed 28.43 pounds per hour when operating at a process weight of 18 tons per hour. The pound per hour limitation was calculated with the following equation:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

The uncontrolled potential PM emissions from the conveyor, identified as CONB1, are 1.10 pounds per hour. Therefore, the baghouse is not required to be operated at all times that the conveyor is in operation to comply with this limit.

### **Compliance Determination, Monitoring and Testing Requirements**

The existing compliance requirements will not change as a result of this revision. The source shall continue to comply with the applicable requirements and permit conditions as contained in the FESOP Significant Permit Revision No: 009-28259-00021, issued on October 20, 2009.

### **Proposed Changes**

- (a) The following changes listed below are due to the proposed revision. Deleted language appears as ~~strikethrough~~ text and new language appears as **bold** text:

#### 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:

One (1) grain elevator, comprised of the following equipment:

- (a) One (1) red truck unloading bay, identified as TD1, one (1) yellow truck/rail unloading bay, identified as TD2, and one (1) truck/rail loading bay, identified as Shipping, each constructed in 1997 **and approved for modification in 2011 to add a 3,500 bushel silo on top of each bay**, each bay with a maximum capacity of 630 tons per hour, with emissions controlled by one (1) baghouse C-1, and all exhausting to stack S-1.
- (b) One (1) natural gas-fired column grain dryer, identified as Dryer **A**, constructed in 1997, with a 0.078 inch screen, a maximum throughput of 150 tons per hour, and a maximum heat input of **60** ~~20~~ million British thermal units per hour, ~~and exhausting to stack S-2.~~

- (c) **One (1) natural gas-fired column grain dryer, identified as Dryer B, approved for construction in 2011, with a maximum grain throughput of 132 tons per year and a maximum heat input capacity of 48 MMBtu per hour.**
- (d) **One (1) corn storage building, identified as B-1, with a storage capacity of 4989 tons, constructed in 2010, which includes:**
  - (1) **One (1) enclosed conveyor, identified as CONB1, approved for construction in 2011, with a maximum production capacity of 18 tons per hour, with particulate emissions to be controlled by a baghouse, identified as C-2, venting to stack S-3.**

Under 40 CFR 60, Subpart DD, the grain elevator is considered to be an affected facility.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

One (1) grain elevator, comprised of the following equipment:

- (a) One (1) red truck unloading bay, identified as TD1, one (1) yellow truck/rail unloading bay, identified as TD2, and one (1) truck/rail loading bay, identified as Shipping, each constructed in 1997 **and approved for modification in 2011 to add a 3,500 bushel silo on top of each bay**, each bay with a maximum capacity of 630 tons per hour, with emissions controlled by one (1) baghouse C-1, and all exhausting to stack S-1.
- (b) One (1) natural gas-fired column grain dryer, identified as Dryer A, constructed in 1997, with a 0.078 inch screen, a maximum throughput of 150 tons per hour, and a maximum heat input of ~~60 20~~ million British thermal units per hour, ~~and exhausting to stack S-2.~~
- (c) **One (1) natural gas-fired column grain dryer, identified as Dryer B, approved for construction in 2011, with a maximum grain throughput of 132 tons per year and a maximum heat input capacity of 48 MMBtu per hour.**

Under 40 CFR 60, Subpart DD, the grain elevator is considered to be an affected facility.

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

D.1.1 PM PM10 and PM2.5 Emission Limitations [326 IAC 2-8-4] [326 IAC 2-2]

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-2 (PSD) not applicable, the Permittee shall comply with the following limits:

- (a) The PM, PM10, and PM2.5 emissions from the grain receiving, handling, and load-out operations shall not exceed the emission limits listed in the table below:

| Unit Description                           | Baghouse ID | PM Emission Limit (lbs/hr) | PM10 Emission Limit (lbs/hr) | PM2.5 Emission Limit (lbs/hr) |
|--|-------------|----------------------------|------------------------------|-------------------------------|
| Grain Unloading (TD1 and TD2) and Shipping | C-1         | 4.11                       | 4.11                         | 4.11                          |

- (b) **The combined grain throughput to Dryer A and Dryer B shall not exceed 560,000 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.**

**Compliance with these limits, combined with the potential to emit PM, PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM to less than two hundred fifty (250) tons per twelve (12) consecutive month period and shall limit PM10 and PM2.5 to less than one hundred (100) tons per twelve (12) consecutive month period and shall render 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), not applicable.**

**D.1.2 Particulate Emission Limitations [326 IAC 6-3-2]**

Pursuant to 326 IAC 6-3-2, particulate emissions from each of the following operations shall not exceed the pound per hour limits listed in the table below:

| Unit ID               | Unit Description                           | Max. Throughput Rate (tons/hr) | Particulate Emission Limit (lbs/hr) |
|-----------------------|--|--------------------------------|-------------------------------------|
| TD1, TD2 and Shipping | Grain Unloading (TD1 and TD2) and Shipping | 630                            | 71.8                                |
| Dryer A               | Grain Dryer A                              | 150                            | 55.4                                |
| Dryer B               | Grain Dryer B                              | 132                            | 54.11                               |
| CONB1                 | Conveyor CONB1                             | 18                             | 28.43                               |

The pounds per hour limitations were calculated using the following equations:

Interpolation 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:

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

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.

**Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:**

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

...

**D.1.9 Record Keeping Requirements**

**(a) To document the compliance status with condition D.1.1(b), the Permittee shall maintain records in accordance with (1) below. Records maintained for (1) shall be taken monthly and shall be complete and sufficient to establish compliance with the throughput limits established in condition D.1.1(b). Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.**

**(1) The combined grain throughput to Dryer A and Dryer B each month and each twelve (12) consecutive month period.**

...

#### D.1.10 Reporting Requirements

**A quarterly summary of the information to document the compliance status with condition D.1.1(b) shall be submitted using the reporting forms located at the end of this permit, or their equivalent, 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 E.1

#### FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

One (1) grain elevator, comprised of the following equipment:

- (a) One (1) red truck unloading bay, identified as TD1, one (1) yellow truck/rail unloading bay, identified as TD2, and one (1) truck/rail loading bay, identified as Shipping, each constructed in 1997 **and approved for modification in 2011 to add a 3,500 bushel silo on top of each bay**, each bay with a maximum capacity of 630 tons per hour, with emissions controlled by one (1) baghouse C-1, and all exhausting to stack S-1.
- (b) One (1) natural gas-fired column grain dryer, identified as Dryer **A**, constructed in 1997, with a 0.078 inch screen, a maximum throughput of 150 tons per hour, and a maximum heat input of ~~60~~ 20 million British thermal units per hour, ~~and exhausting to stack S-2~~.
- (c) **One (1) natural gas-fired column grain dryer, identified as Dryer B, approved for construction in 2011, with a maximum grain throughput of 132 tons per year and a maximum heat input capacity of 48 MMBtu per hour.**
- (d) **One (1) corn storage building, identified as B-1, with a storage capacity of 4989 tons, constructed in 2010, which includes:**
  - (1) **One (1) enclosed conveyor, identified as CONB1, approved for construction in 2011, with a maximum production capacity of 18 tons per hour, with particulate emissions to be controlled by a baghouse, identified as C-2, venting to stack S-3.**

Under 40 CFR 60, Subpart DD, the grain elevator is considered to be an affected facility.

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

...

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

**FESOP Quarterly Report**

**Source Name:** Central States Enterprises, LLC  
**Source Address:** 6627 N 400 E, Montpelier, Indiana 47359  
**FESOP Permit No.:** F009-23590-00021  
**Facility:** Column Grain Dryer A and Dryer B  
**Parameter:** Combined Grain Throughput  
**Limit:** 560,000 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

**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: \_\_\_\_\_

- (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. Deleted language appears as ~~strikethrough~~ text and new language appears as **bold** text:
1. 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.
  2. 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."
  3. 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."
  4. 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.
  5. IDEM has decided to clarify the certification requirements in Section B - Duty to Provide Information and Section B - Certification.
  6. 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.
  7. 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.
  8. IDEM has decided that having a separate condition for the reporting of deviations is unnecessary. Therefore, IDEM has removed Section B - Deviations from 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.
  9. 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.
  10. 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.
  11. IDEM has revised Section C - Incineration to more closely reflect the two underlying rules.
  12. 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.

13. 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
14. IDEM has removed Section C - Monitoring Methods. The conditions that require the monitoring or testing, if required, state what methods shall be used.
15. 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.
16. 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.
17. 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.
18. IDEM has decided to simplify the referencing in Section C - Compliance with 40 CFR 82 and 326 IAC 22-1.
19. The word "status" has been added to Section D - Record Keeping Requirements. The Permittee has the obligation to document the compliance status. The wording has been revised to properly reflect this.
20. 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.
21. The emission unit descriptions for the storage silos have been revised.
22. The general source phone number has been updated.
23. The three (3) natural gas-fired space heaters, each with a maximum capacity of 0.024 million British thermal units per hour were never built. They have been removed from the permit.
24. The language in Section D - Testing Requirements has been revised, as the initial stack test within 180 days of the issuance of the permit has been completed. Testing at least once every five years will continue to be required.

25. There is no stack associated with the existing column grain dryer. All references to Stack S-2 have been removed from the permit.
26. Storage silos 43 and 44 were never built. Therefore they were removed from the permit. Silos 12 and 23 were built, so they have been added to the permit. The potential throughput for each silo has been revised to reflect 630 tons per hour maximum loading. The particulate limit has been updated with this revised information.

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

---

The Permittee owns and operates a stationary grain elevator.

Source Address: 6627 N 400 E, Montpelier, Indiana 47359  
Mailing Address: ~~P.O. Box 323, New Haven, Indiana 46774~~  
General Source Phone: ~~(260) 749-0022~~ **(765) 728-9130**  
SIC Code: 5153  
Source Location Status: Blackford  
Source Status: Attainment for all criteria pollutants  
Federally Enforceable State Operating Permit (FESOP)  
Minor Source under PSD Rules  
Minor Source Section 112 of the Clean Air Act  
Not 1 of 28 Source Categories

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) Paved and unpaved roads and parking lots with public access [326 IAC 6-4][326 IAC 6-5].
- (b) Other emission units, not regulated by a NESHAP, with PM<sub>10</sub>, NO<sub>x</sub>, and SO<sub>2</sub> emissions less than five (5) pounds per hour or twenty-five (25) pounds per day, CO emissions less than twenty-five (25) pounds per day, VOC emissions less than three (3) pounds per hour or fifteen (15) pounds per day, lead emissions less than six-tenths (0.6) tons per year or three and twenty-nine hundredths (3.29) pounds per day, and emitting greater than one (1) pound per day but less than five (5) pounds per day or one (1) ton per year of a single HAP, or emitting greater than one (1) pound per day but less than twelve and five tenths (12.5) pounds per day or two and five tenths (2.5) ton per year of any combination of HAPs:
- (1) Thirteen (13) storage silos, identified as:
- (A) Silo 10, with a storage capacity of 500,000 bushels, constructed in 1977;
  - (B) Silo 11, with a storage capacity of 500,000 bushels, constructed in 1977;
  - (C) Silo 12, with a storage capacity of 668,000 bushels, constructed in 2007;
  - (D) Silo 20, with a storage capacity of 29,000 bushels, constructed in 1977;
  - (E) Silo 21, with a storage capacity of 198,000 bushels, constructed in 1977;
  - (F) Silo 22, with a storage capacity of 500,000 bushels, constructed in 1977;
  - (G) Silo 23, with a storage capacity of 532,000 bushels, constructed in 2007;
  - (H) Silo 30, with a storage capacity of 127,000 bushels, constructed in

- 1977;
- (I) Silo 31, with a storage capacity of 198,000 bushels, constructed in 1977;
- (J) Silo 32, with a storage capacity of 198,000 bushels, constructed in 1977;
- (K) Silo 33, with a storage capacity of 198,000 bushels, constructed in 1977;
- (L) Silo 34, with a storage capacity of 500,000 bushels, constructed in 1999;
- (M) Silo 35, with a storage capacity of 650,000 bushels, constructed in 2002;
- (N) Silo 36, with a storage capacity of 650,000 bushels, constructed in 2002;
- (O) Silo 42, with a storage capacity of 1,500,000 bushels, constructed in 2003.

~~11, 20, 21, 22, 30, 31, 32, 33, 34, 35, 36, and 42, constructed in 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1999, 2002, 2002, and 2003, respectively, with maximum capacities of 60,000, 60,000, 3,480, 23,760, 60,000, 15,240, 23,760, 23,760, 23,760, 60,000, 78,000, 78,000, and 180,000, respectively. [326 IAC 6-3-2].~~

~~(2) Two (2) storage silos, identified as Silo 37 and 38, constructed in 2005, each with a maximum storage capacity of 78,000 tons.~~

~~(3) Three (3) storage silos, identified as Silo 12, 22, and 24, approved for construction in 2007, with Silo 12 having a maximum storage capacity of 19,000 tons and Silos 22 and 24 each having a maximum storage capacity of 14,000 tons.~~

~~(4)(2) Storage piles, identified as pile XT2, XT3, XT4, XT5, and XT6.~~

~~(5)(3) Totally enclosed internal operations including all grain elevators and transfer points.~~

~~(6)(4) One (1) mineral oil storage tank with a capacity of 10,000 gallons.~~

(c) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour:

~~(1) Three (3) natural gas-fired space heaters, each with a maximum capacity of 0.024 million British thermal units per hour.~~

~~(1)(2) Two (2) natural gas-fired space heaters, each with a maximum capacity of 0.20 million British thermal units per hour.~~

~~(2)(3) Two (2) natural gas-fired space heaters, each with a maximum capacity of 0.11 million British thermal units per hour.~~

## ~~SECTION B~~ GENERAL CONDITIONS

### ~~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.~~

~~B.2 — Revocation of Permits [326 IAC 2-1.1-9(5)]~~

~~Pursuant to 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this permit if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.~~

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

~~(a) — This permit, 009-23590-00021, 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.4 — 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.5 — Enforceability [326 IAC 2-8-6] [IC 13-17-12]~~

~~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.6 — 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.7 — 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.8 — 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.9 — 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.10 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 46204-2254~~

- ~~(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.11 Compliance Order Issuance [326 IAC 2-8-5(b)]~~

---

~~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.12 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)][326 IAC 2-8-5(a)(1)]~~

---

- ~~(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.13 Emergency Provisions [326 IAC 2-8-12]~~

---

- (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 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 46204-2254

~~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. Any emergencies that have been previously reported pursuant to paragraph (b)(5) of this condition and certified by an "authorized individual" need only referenced by the date of the original report.~~

~~B.14 — Prior Permits Superseded [326 IAC 2-1.1-9.5]~~

---

- ~~(a) — All terms and conditions of permits established prior to 009-23590-00021 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.15 — Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]~~

---

~~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.16 — Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]~~

---

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

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

~~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.17 — 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 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.18 Permit Renewal [326 IAC 2-8-3(h)]

- ~~(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  
Permit Administration and Support Section, 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.19 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]~~

~~(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 46204-2254~~

~~Any such application shall be certified 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.20 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 46204-2254~~

~~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.21 — Source Modification Requirement [326 IAC 2-8-11.1]~~

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

~~B.22 — 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.23 — 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 46204-2254

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.24 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.25 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.26 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 5-1-3 (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 attached plan as in Attachment A.~~

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

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

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

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

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

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

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

~~(C) — Waste disposal site.~~

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality

~~100 North Senate Avenue  
MC 61-53 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 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.8 — 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 and Enforcement Branch, 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.10 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.11 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 or ninety (90) days of initial start-up, whichever is later. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:~~

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

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

~~The notification which shall be submitted by the Permittee does require the certification by 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 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.13 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.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]~~

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

- ~~(a) The Permittee shall maintain the most recently submitted written emergency reduction plans (ERPs) consistent with safe operating procedures.~~
- ~~(b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]~~

~~C.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 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 or ninety (90) days of initial start-up, whichever is later.~~

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

- ~~(c) — Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or~~

~~before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.~~

- ~~(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by 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]**

**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, F009-23590-00021, 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]**

**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]**

---

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. 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)]**

---

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)]**

---

- (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]**

---

- (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]**

---

- (a) All terms and conditions of permits established prior to F009-23590-00021 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)]**

---

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)]**

---

- (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]**

---

- (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]**

---

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 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]**

---

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 attached plan as in Attachment A.

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

---

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
- (A) Asbestos removal or demolition start date;
- (B) Removal or demolition contractor; or
- (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 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]

---

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)]**

---

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)]**

---

- (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.
- (c) 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 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

---

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

- (a) The Permittee shall maintain the most recently submitted written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

**C.14 Risk Management Plan [326 IAC 2-8-4] [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.15 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.16 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.17 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, 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.18 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 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.19 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.**

...

#### D.1.3 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 any control devices. **Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.**

...

#### D.1.5 Testing Requirements [326 IAC 2-8-5(a)(1), (4)] [326 IAC 2-1.1-11] [40 CFR 60.30]

---

In order to demonstrate compliance with Condition D.1.1 and Section E.1:

- (a) The Permittee shall perform PM testing for baghouse C-1, utilizing methods as approved by the Commissioner ~~no later than 180 days after issuance of this permit and~~ at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing. PM includes filterable and condensible PM.
- (b) The Permittee shall perform PM10 and PM2.5 testing for baghouse C-1 utilizing methods as approved by the Commissioner ~~no later than 180 days after issuance of this permit and~~ at least once every five (5) years from the date of this valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing. PM10 includes filterable and condensible PM10.

#### D.1.6 Visible Emissions Notations

---

- (a) Once per day visible emission notations of the baghouse stack exhausts (S-1 ~~and S-2~~) shall be performed during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

...

- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps. ~~in accordance with Section C - Response to Excursions or Exceedances~~ **contains the Permittee's obligation with regard to the reasonable response steps required by this condition.** Failure to take response steps ~~in accordance with Section C – Response to Excursions or Exceedances~~ shall be considered a deviation from this permit.

...

D.1.7 Parametric Monitoring

---

- (a) The Permittee shall record the pressure drop across the baghouse (C-1) used in conjunction with the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping at least once per day when these units are in operation. When for any one reading, the pressure drop across the baghouse is outside the normal range of 1.0 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 or 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 ~~of from~~ this permit.
- (b) 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 **or replaced** at least once every six (6) months.

...

D.1.9 Record Keeping Requirements

---

- ~~(b)~~(a) To document **the compliance status** with Condition D.1.6, the Permittee shall maintain records of the once per day visible emission notations of the baghouse 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 (e.g. the process did not operate that day).
- ~~(c)~~(b) To document **the compliance status** with Condition D.1.7, the Permittee shall maintain once per day records of pressure drop during normal operation. 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 (e.g. the process did not operate that day).
- ~~(d)~~(c) ~~All records shall be maintained in accordance with Section C - General Record Keeping Requirements,~~ of this permit **contains the Permittee's obligation with regard to the records required by this condition.**

...

D.2.1 Particulate Emission Limitations [326 IAC 6-3-2]

---

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emissions from the silo/pile loadout operations shall not exceed the listed pounds per hour emission limitations when operating at the listed process weight rates.

| Silo/Pile | Process Weight Rate (ton/hr) | Particulate Emission Limitations (lb/hr) |
|-----------|------------------------------|--|
| 10        | <del>6.85</del> <b>630</b>   | <del>14.88</del> <b>71.76</b>            |
| 11        | <del>6.85</del> <b>630</b>   | <del>14.88</del> <b>71.76</b>            |
| <b>12</b> | <b>630</b>                   | <b>71.76</b>                             |
| 20        | <del>0.4</del> <b>630</b>    | <del>2.22</del> <b>71.76</b>             |
| 21        | <del>2.71</del> <b>630</b>   | <del>8.00</del> <b>71.76</b>             |
| 22        | <del>6.85</del> <b>630</b>   | <del>14.88</del> <b>71.76</b>            |
| <b>23</b> | <b>630</b>                   | <b>71.76</b>                             |
| 30        | <del>4.74</del> <b>630</b>   | <del>5.94</del> <b>71.76</b>             |
| 31        | <del>2.71</del> <b>630</b>   | <del>8.00</del> <b>71.76</b>             |
| 32        | <del>2.71</del> <b>630</b>   | <del>8.00</del> <b>71.76</b>             |
| 33        | <del>2.71</del> <b>630</b>   | <del>8.00</del> <b>71.76</b>             |

| Silo/Pile | Process Weight Rate (ton/hr) | Particulate Emission Limitations (lb/hr) |
|-----------|------------------------------|--|
| 34        | <del>6.85</del> <b>630</b>   | <del>14.88</del> <b>71.76</b>            |
| 35        | <del>8.90</del> <b>630</b>   | <del>17.74</del> <b>71.76</b>            |
| 36        | <del>8.90</del> <b>630</b>   | <del>17.74</del> <b>71.76</b>            |
| 37        | <del>8.90</del> <b>630</b>   | <del>17.74</del> <b>71.76</b>            |
| 38        | <del>8.90</del> <b>630</b>   | <del>17.74</del> <b>71.76</b>            |
| 42        | <del>20.55</del> <b>630</b>  | <del>31.07</del> <b>71.76</b>            |
| 43        | 1.60                         | 5.61                                     |
| 44        | 1.60                         | 5.61                                     |
| XT2       | 15.76                        | 26.01                                    |
| XT3       | 15.76                        | 26.01                                    |
| XT4       | 3.43                         | 9.36                                     |
| XT5       | 1.60                         | 5.61                                     |
| XT6       | 1.60                         | 5.61                                     |

**Interpolation 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:**

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

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

...  
 FESOP CERTIFICATION FORM:

...  
 Mailing Address: \_\_\_\_\_ P.O. Box 323, New Haven, Indiana 46774

...  
 FESOP EMERGENCY OCCURRENCE REPORT FORM:

...  
 Mailing Address: \_\_\_\_\_ P.O. Box 323, New Haven, Indiana 46774

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

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

...  
 Mailing Address: \_\_\_\_\_ P.O. Box 323, New Haven, Indiana 46774

...  
 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.

**Conclusion and Recommendation**

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on March 2, 2011.

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed FESOP Significant Revision No. 009-30298-00021. The staff recommends to the Commissioner that this FESOP Significant Revision be approved.

|                     |
|---------------------|
| <b>IDEM Contact</b> |
|---------------------|

- (a) Questions regarding this proposed permit can be directed to Summer Keown at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCM 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-5175 or toll free at 1-800-451-6027 extension 4-5175.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) 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.in.gov/idem](http://www.in.gov/idem)

**Appendix A: Emissions Calculations  
Emissions Summary**

**Company Name: Central States Enterprises, LLC  
Address City IN Zip: 6627 N 400 E, Montpelier, Indiana 47359  
Permit Number: 009-30298-00021  
Reviewer: Summer Keown  
Date: April 8, 2011**

|                |   | Uncontrolled Potential To Emit (tons/year) |                                  |                                  |                            |                            |                             |                             | Highest Single HAP                           | Total HAPs                 |
|----------------|---|--|----------------------------------|----------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|--|----------------------------|
|                | Process/emission unit                   | PM   | PM10                             | PM2.5                            | SO <sub>2</sub>            | VOC                        | CO                          | NOx                         |  |                            |
| Existing Units | Column Dryer A - Natural Gas Combustion | 0.17<br><b>0.50</b>                        | 0.68<br><b>2.00</b>              | 0.68<br><b>2.00</b>              | 0.05<br><b>0.16</b>        | 0.49<br><b>1.45</b>        | 7.54<br><b>22.08</b>        | 8.94<br><b>26.28</b>        | 0.16 (hexane)<br><b>0.47 (hexane)</b>        | 0.17<br><b>0.50</b>        |
|                | Column Dryer A - Grain Handling         | 144.54                                     | 36.14                            | 36.14                            | 0.00                       | 0.00                       | 0.00                        | 0.00                        | 0.00   | 0.00                       |
|                | Grain Shipping                          | 1802.06                                    | 1802.06                          | 1802.06                          | 0.00                       | 0.00                       | 0.00                        | 0.00                        | 0.00   | 0.00                       |
|                | Grain Elevator - Fugitive Emissions     | 111.57                                     | 32.87                            | 32.87                            | 0.00                       | 0.00                       | 0.00                        | 0.00                        | 0.00   | 0.00                       |
|                | Insignificant Natural Gas Combustion    | 0.01                                       | 0.02                             | 0.02                             | 0.00                       | 0.02                       | 0.26                        | 0.31                        | negl.  | 0.01                       |
|                | Paved and Unpaved Roads (Fugitive)      | 80.70                                      | 15.75                            | 15.75                            | 0.00                       | 0.00                       | 0.00                        | 0.00                        | 0.00   | 0.00                       |
| New Units      | Column Dryer B - Natural Gas Combustion | <b>0.40</b>                                | <b>1.60</b>                      | <b>1.60</b>                      | <b>0.13</b>                | <b>1.16</b>                | <b>17.66</b>                | <b>21.02</b>                | <b>0.38 (hexane)</b>                         | <b>0.40</b>                |
|                | Column Dryer B - Grain Handling         | <b>127.20</b>                              | <b>31.80</b>                     | <b>5.43</b>                      | <b>0.00</b>                | <b>0.00</b>                | <b>0.00</b>                 | <b>0.00</b>                 | <b>0.00</b>                                  | <b>0.00</b>                |
|                | Conveyor CONB1                          | <b>4.81</b>                                | <b>2.68</b>                      | <b>0.46</b>                      | <b>0.00</b>                | <b>0.00</b>                | <b>0.00</b>                 | <b>0.00</b>                 | <b>0.00</b>                                  | <b>0.00</b>                |
|                | Building B-1                            | <b>1.97</b>                                | <b>0.50</b>                      | <b>0.09</b>                      | <b>0.00</b>                | <b>0.00</b>                | <b>0.00</b>                 | <b>0.00</b>                 | <b>0.00</b>                                  | <b>0.00</b>                |
|                | <b>TOTAL</b>                            | <b>2139.05</b><br><b>2273.76</b>           | <b>1887.52</b><br><b>1925.42</b> | <b>1887.52</b><br><b>1896.42</b> | <b>0.05</b><br><b>0.29</b> | <b>0.54</b><br><b>2.63</b> | <b>7.77</b><br><b>40.00</b> | <b>9.25</b><br><b>47.61</b> | <b>0.16 (hexane)</b><br><b>0.85 (hexane)</b> | <b>0.18</b><br><b>0.91</b> |
|                | Net increase in potential emissions     | 134.71                                     | 37.90                            | 8.90                             | 0.24                       | 2.12                       | 32.23                       | 38.36                       | 0.69 (hexane)                                | 0.73                       |

|           |   | Limited Potential To Emit (tons/year) |              |              |                 |             |              |              | Highest Single HAP   | Total HAPs  |
|-----------|---|---------------------------------------|--------------|--------------|-----------------|-------------|--------------|--------------|----------------------|-------------|
|           | Process/emission unit                   | PM                                    | PM10         | PM2.5        | SO <sub>2</sub> | VOC         | CO           | NOx          |                      |             |
|           | Column Dryer A - Natural Gas Combustion | 0.50                                  | 2.00         | 2.00         | 0.16            | 1.45        | 22.08        | 26.28        | 0.47 (hexane)        | 0.50        |
|           | Grain Shipping                          | 18.02                                 | 18.02        | 18.02        | 0.00            | 0.00        | 0.00         | 0.00         | 0.00                 | 0.00        |
|           | Grain Elevator - Fugitive Emissions     | 22.67                                 | 6.28         | 6.28         | 0.00            | 0.00        | 0.00         | 0.00         | 0.00                 | 0.00        |
|           | Insignificant Natural Gas Combustion    | 0.01                                  | 0.02         | 0.02         | 0.00            | 0.02        | 0.26         | 0.31         | negl.                | 0.01        |
|           | Paved and Unpaved Roads (Fugitive)      | 40.55                                 | 7.94         | 7.94         | 0.00            | 0.00        | 0.00         | 0.00         | 0.00                 | 0.00        |
|           | Column Dryer A - Grain Handling         | 61.60                                 | 15.40        | 2.63         | 0.00            | 0.00        | 0.00         | 0.00         | 0.00                 | 0.00        |
| New Units | Column Dryer B - Grain Handling         |                                       |              |              | 0.00            | 0.00        | 0.00         | 0.00         | 0.00                 | 0.00        |
|           | Column Dryer B - Natural Gas Combustion | 0.40                                  | 1.60         | 1.60         | 0.13            | 1.16        | 17.66        | 21.02        | 0.38 (hexane)        | 0.40        |
|           | Conveyor CONB1                          | 4.81                                  | 2.68         | 0.46         | 0.00            | 0.00        | 0.00         | 0.00         | 0.00                 | 0.00        |
|           | Building B-1                            | 1.97                                  | 0.50         | 0.09         | 0.00            | 0.00        | 0.00         | 0.00         | 0.00                 | 0.00        |
|           | <b>Total</b>                            | <b>150.53</b>                         | <b>54.44</b> | <b>39.04</b> | <b>0.29</b>     | <b>2.63</b> | <b>40.00</b> | <b>47.61</b> | <b>0.85 (hexane)</b> | <b>0.91</b> |

**Appendix A: Emissions Calculations  
Column Dryers A & B  
Natural Gas Combustion**

**Company Name: Central States Enterprises, LLC  
Address City IN Zip: 6627 N 400 E, Montpelier, Indiana 47359  
Permit Number: 009-30298-00021  
Reviewer: Summer Keown  
Date: April 8, 2011**

|                                 |                       |                                 |
|---------------------------------|-----------------------|---------------------------------|
| Heat Input Capacity<br>MMBtu/hr | HHV<br>mmBtu<br>mmscf | Potential Throughput<br>MMCF/yr |
| 108.0                           | 1000                  | 946.1                           |

| Emission Factor in lb/MMCF    | Pollutant |       |      |                    |      |       |
|-------------------------------|-----------|-------|------|--------------------|------|-------|
|                               | PM*       | PM10* | SO2  | NOx                | VOC  | CO    |
|                               | 1.90      | 7.60  | 0.60 | 100<br>**see below | 5.50 | 84.00 |
| Potential Emission in tons/yr | 0.90      | 3.60  | 0.28 | 47.30              | 2.60 | 39.74 |

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

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

**Methodology**

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03

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

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

See page 3 for HAPs emissions calculations.

**Appendix A: Emissions Calculations  
Column Dryers A & B  
Natural Gas Combustion  
HAPs Emissions**

**Company Name: Central States Enterprises, LLC**  
**Address City IN Zip: 6627 N 400 E, Montpelier, Indiana 47359**  
**Permit Number: 009-30298-00021**  
**Reviewer: Summer Keown**  
**Date: April 8, 2011**

| HAPs - Organics               |                    |                            |                         |                   |                    |
|-------------------------------|--------------------|----------------------------|-------------------------|-------------------|--------------------|
| Emission Factor in lb/MMcf    | Benzene<br>2.1E-03 | Dichlorobenzene<br>1.2E-03 | Formaldehyde<br>7.5E-02 | Hexane<br>1.8E+00 | Toluene<br>3.4E-03 |
| Potential Emission in tons/yr | 9.934E-04          | 5.676E-04                  | 3.548E-02               | 8.515E-01         | 1.608E-03          |

| HAPs - Metals                 |                 |                    |                     |                      |                   |
|-------------------------------|-----------------|--------------------|---------------------|----------------------|-------------------|
| Emission Factor in lb/MMcf    | Lead<br>5.0E-04 | Cadmium<br>1.1E-03 | Chromium<br>1.4E-03 | Manganese<br>3.8E-04 | Nickel<br>2.1E-03 |
| Potential Emission in tons/yr | 2.365E-04       | 5.203E-04          | 6.623E-04           | 1.798E-04            | 9.934E-04         |

Methodology is the same as page 2.

Total HAPs = 0.89

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

**Appendix A: Emissions Calculations  
Column Dryer B  
Grain Throughput**

**Company Name: Central States Enterprises, LLC  
Address City IN Zip: 6627 N 400 E, Montpelier, Indiana 47359  
Permit Number: 009-30298-00021  
Reviewer: Summer Keown  
Date: April 8, 2011**

Production Capacity  
(tons/hour)

132

| Pollutant | Potential Throughput (tons/hour) | Emission Factor (lbs/ton) | Uncontrolled Emissions (lbs/hour) | Uncontrolled Emissions (tons/year) |
|-----------|----------------------------------|---------------------------|-----------------------------------|------------------------------------|
| PM        | 132                              | 0.22                      | 29.04                             | 127.20                             |
| PM10      | 132                              | 0.055                     | 7.26                              | 31.80                              |
| PM2.5     | 132                              | 0.0094                    | 1.24                              | 5.43                               |

**Limited Throughput (Dryers A and B combined)**

(tons/year)

560,000

| Pollutant | Limited Throughput (tons/year) | Emission Factor (lbs/ton) | Limited Emissions (tons/year) |
|-----------|--------------------------------|---------------------------|-------------------------------|
| PM        | 560,000                        | 0.22                      | 61.60                         |
| PM10      | 560,000                        | 0.055                     | 15.40                         |
| PM2.5     | 560,000                        | 0.0094                    | 2.63                          |

Methodology

Uncontrolled Emissions (lbs/hour) = Potential Throughput (tons/hour) \* Emission Factor (lbs/ton)

Uncontrolled Emissions (tons/year) = Uncontrolled Emissions (lbs/hour) \* 8760 hours/year \* 1 ton/2000 lbs

Limited Emissions (tons/year) = Limited Throughput (tons/year) \* Emission Factor (lbs/ton) \* 1 ton/2000 lbs

Emission factors are for grain drying (column dryer) from AP-42, Chapter 9, Table 9.9.1-1, SCC 3-02-005-27.

The throughput limit was requested by the source to avoid the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration).

**Appendix A: Emissions Calculations  
Conveyor CONB1 and Storage Building B-1  
Grain Throughput**

**Company Name:** Central States Enterprises, LLC  
**Address City IN Zip:** 6627 N 400 E, Montpelier, Indiana 47359  
**Permit Number:** 009-30298-00021  
**Reviewer:** Summer Keown  
**Date:** April 8, 2011

**Conveyor CONB1 Emissions**

Production Capacity  
(tons/hour)

18

| Pollutant | Potential Throughput (tons/hour) | Emission Factor (lbs/ton) | Uncontrolled Emissions (lbs/hour) | Uncontrolled Emissions (tons/year) | Control Efficiency | Controlled Emissions (lbs/hour) | Controlled Emissions (tons/year) |
|-----------|----------------------------------|---------------------------|-----------------------------------|------------------------------------|--------------------|---------------------------------|----------------------------------|
| PM        | 18                               | 0.061                     | 1.10                              | 4.81                               | 99.00%             | 0.01                            | 0.05                             |
| PM10      | 18                               | 0.034                     | 0.61                              | 2.68                               | 99.00%             | 0.01                            | 0.03                             |
| PM2.5     | 18                               | 0.0058                    | 0.10                              | 0.46                               | 99.00%             | 0.001                           | 0.005                            |

**Building B-1 Emissions**

| Pollutant | Potential Throughput (tons/hour) | Emission Factor (lbs/ton) | Uncontrolled Emissions (lbs/hour) | Uncontrolled Emissions (tons/year) |
|-----------|----------------------------------|---------------------------|-----------------------------------|------------------------------------|
| PM        | 18                               | 0.025                     | 0.45                              | 1.97                               |
| PM10      | 18                               | 0.0063                    | 0.11                              | 0.50                               |
| PM2.5     | 18                               | 0.0011                    | 0.02                              | 0.09                               |

Methodology

Uncontrolled Emissions (lbs/hour) = Potential Throughput (tons/hour) \* Emission Factor (lbs/ton)

Uncontrolled Emissions (tons/year) = Uncontrolled Emissions (lbs/hour) \* 8760 hours/year \* 1 ton/2000 lbs

Controlled Emissions (lbs/hour) = Uncontrolled Emissions (lbs/hour) \* (1 - Control Efficiency)

Controlled Emissions (tons/year) = Controlled Emissions (tons/year) \* (1 - Control Efficiency)

Emission factors for the conveyor are from AP-42, Chapter 9, Table 9.9.1-1, SCC 3-02-005-30.

Emission factors for Building B-1 are from AP-42, Chapter 9, Table 9.9.1-1, SCC 3-02-005-40.



# 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)

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

TO: Melvin Spaulding  
Central States Enterprises, LLC  
PO Box 323  
New Haven, IN 46774-0323

DATE: July 11, 2011

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

SUBJECT: Final Decision  
FESOP  
009-30298-00021

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:  
Greg Clark (GAIA Consultants, Inc.  
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



# 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)

July 11, 2011

TO: Montpelier Harrison Twp Public Library

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

Subject: **Important Information for Display Regarding a Final Determination**

**Applicant Name: Central States Enterprises, LLC**

**Permit Number: 009-30298-00021**

You previously received information to make available to the public during the public comment period of a draft permit. Enclosed is a copy of the final decision and supporting materials for the same project. Please place the enclosed information along with the information you previously received. To ensure that your patrons have ample opportunity to review the enclosed permit, **we ask that you retain this document for at least 60 days.**

The applicant is responsible for placing a copy of the application in your library. If the permit application is not on file, or if you have any questions concerning this public review process, please contact Joanne Smiddie-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185.

Enclosures  
Final Library.dot 11/30/07

# Mail Code 61-53

|                            |   |   |   |  |
|----------------------------|---|---|---|--|
| IDEM Staff                 | CDENNY 7/11/2011<br>Central States Enterprises, LLC 009-30298-00021 (final)       |   | Type of Mail:<br><br><b>CERTIFICATE OF MAILING ONLY</b> | 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 |   |  |

| 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    |                | Melvin Spaulding Central States Enterprises, LLC PO Box 323 New Haven IN 46774-0323 (Source CAATS)                        |         |                 |                            |               |                 |          |          |          |                |         |
| 2    |                | Mr. Charles L. Berger Attorney Berger & Berger, Attorneys at Law 313 Main Street Evansville IN 47700 (Affected Party)     |         |                 |                            |               |                 |          |          |          |                |         |
| 3    |                | Blackford County Commissioners 110 West Washington Street Hartford City IN 47348 (Local Official)                         |         |                 |                            |               |                 |          |          |          |                |         |
| 4    |                | Blackford County Health Department 506 E. Van Cleve Street Hartford City IN 47348-1846 (Health Department)                |         |                 |                            |               |                 |          |          |          |                |         |
| 5    |                | Ms. Mary Shipley 10968 E 100 S Marion IN 46953 (Affected Party)   |         |                 |                            |               |                 |          |          |          |                |         |
| 6    |                | Ms. Beneranda Bales-Brenner 6541 North 400 East Montpelier IN 47359 (Affected Party)                                      |         |                 |                            |               |                 |          |          |          |                |         |
| 7    |                | Judith VanCamp 675 N. Blackford Ave Montpelier IN 47359 (Affected Party)  |         |                 |                            |               |                 |          |          |          |                |         |
| 8    |                | Montpelier Harrison Twp Public Library 301 S Main St Montpelier IN 47359-1428 (Library)                                   |         |                 |                            |               |                 |          |          |          |                |         |
| 9    |                | Daryl & Lois Hoffman 7750 N. CR 75 E Lizton IN 46149 (Affected Party)   |         |                 |                            |               |                 |          |          |          |                |         |
| 10   |                | Mr. Gregory Clark GAI Consultants 1502 Magnavox Way Fort Wayne IN 46804 (Consultant)                                      |         |                 |                            |               |                 |          |          |          |                |         |
| 11   |                | Mr. Dan Baugey 1610 W Water Street #D Hartford City IN 47348 (Affected Party)   |         |                 |                            |               |                 |          |          |          |                |         |
| 12   |                | Montpelier City Council and Mayors Office 300 W. Huntington St. Montpelier IN 47359 (Local Official)                      |         |                 |                            |               |                 |          |          |          |                |         |
| 13   |                | Mr. Colin OBrien Natural Resources Defense Council 1200 New York Avenue NW, Ste. 400 Washington DC 20005 (Affected Party) |         |                 |                            |               |                 |          |          |          |                |         |
| 14   |                | Mark Zeltwanger 26545 CR 52 Nappanee IN 46550 (Affected Party)  |         |                 |                            |               |                 |          |          |          |                |         |
| 15   |                |   |         |                 |                            |               |                 |          |          |          |                |         |

|   |  |  |  |
|---|--|--|--|
| Total number of pieces Listed by Sender | Total number of Pieces Received at Post Office | Postmaster, Per (Name of Receiving employee) | The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See <b>Domestic Mail Manual R900, S913, and S921</b> for limitations of coverage on inured and COD mail. See <b>International Mail Manual</b> for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels. |
|---|--|--|--|