



*Mitchell E. Daniels, Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204  
(317) 232-8603  
(800) 451-6027  
www.IN.gov/idem

TO: Interested Parties / Applicant  
DATE: January 6, 2006  
RE: Bunge North America (east) LLC / 001-22367-00005  
FROM: Paul Dubenetzky  
Chief, Permits Branch  
Office of Air Quality

### Notice of Decision – Approval

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

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

Enclosures  
FNPER-AM.dot 1/10/05



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January 6, 2006

Ms. Christine Thomas  
Bunge North America (East), L.L.C.  
1200 N. 2<sup>nd</sup> Street  
Decatur, Indiana 46733

Re: 001-22367-00005  
Fourth Administrative Amendment to  
Part 70 T001-5610-00005

Dear Ms. Thomas:

Bunge North America (East), L.L.C. was issued a Part 70 operating permit on July 3, 2002 for a grain handling, animal-feed production, soybean meal production, and soybean oil extraction plant. A letter requesting revisions to the operating permit was received on December 13, 2005. Inadvertently, the Third Administrative Amendment permit updated the Operation Permit No. 001-5610-00005, modified by 001-21530-00005, issued on September 23, 2005. The Permittee requested to update the Operation Permit No. 001-5610-00005, modified by Appeals Permit No. 001-16018 issued on November 3, 2005. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows with deleted language as ~~strikeouts~~ and new language **bolded**:

- (1) Therefore, the items fff and ggg in A.2 and Section D.3 have been revised as follows to reflect the changes in the descriptions of boilers 1SP1 and 2SP1:

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

---

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

NOTE: All throughputs and capacities are included in an IDEM, OAQ confidential file as the source considers them confidential.

- (fff) One (1) B & W coal fired boiler, identified as 1SP1, constructed in 1950, using multiple cyclones **and a baghouse** for ~~PM~~ control of **particulate and HAPs**, and exhausting to stack 1SP;
- (ggg) One (1) Keeler coal fired boiler, identified as 2SP1, constructed in 1963, using multiple cyclones **and a baghouse** for ~~PM~~ control of **particulate and HAPs**, and exhausting to stack 1SP

### SECTION D.3 FACILITY OPERATION CONDITIONS

**Facility Description [326 IAC 2-7-5(15)]:**

- (ddd) One (1) natural gas fired heater , identified as 110EO, constructed in 2002, and exhausting to stack 110EO;
- (eee) One (1) natural gas fired steam generator #3, identified as 108EO1, constructed in 1994, and exhausting to stack 108EO;
- (fff) One (1) B & W coal fired boiler, identified as 1SP1, constructed in 1950, using multiple cyclones **and a baghouse** for ~~PM~~ control **of particulate and HAPs**, and exhausting to stack 1SP;
- (ggg) One (1) Keeler coal fired boiler, identified as 2SP1, constructed in 1963, using multiple cyclones **and a baghouse** for ~~PM~~ control **of particulate and HAPs**, and exhausting to stack 1SP
- (hhh) One (1) Murray natural gas fired, vegetable oil-fired, waste oil-fired, and hazardous chemical fired boiler, identified as 3SP1, constructed in 1968, and exhausting to stack 1SP;

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

- (2) The mailing address in A1 has been changed according to the Form GSD-01 submitted with the application.

Mailing Address: ~~P.O. Box 1002, Decatur, Indiana 46733~~  
**1200 North 2<sup>nd</sup> Street, Decatur, Indiana 46733**

- (3) IDEM address has been revised to reflect the current address.

All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of the 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 Dr. Trip Sinha, at (800) 451-6027, press 0 and ask for Dr. Trip Sinha or extension (3-3031), or dial (317) 233-3031.

Sincerely,  
Original signed by

Nisha Sizemore, Section Chief  
Permits Branch  
Office of Air Quality

Attachments

TPS

cc: File – Adams County  
U.S. EPA, Region V  
Adams County Health Department  
Air Compliance Section Inspector – Ryan Hillman  
Compliance Data Section  
Administrative and Development



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## PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**Bunge North America  
1200 North 2<sup>nd</sup> Street  
Decatur, Indiana 46733**

(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.

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

Operation Permit No.: T001-5610-00005	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: July 3, 2002 Expiration Date: July 3, 2007

First Administrative Amendment No.: T001-18591-00005, issued February 6, 2004;  
Second Administrative Amendment No.: T001-21530-00005, issued September 23, 2005;  
First Significant Permit Modification: T001-16018-00005, issued November 3, 2005;  
Third Administrative Amendment No.: T001-22311-00005, issued December 8, 2005;

Fourth Administrative Amendment No.: T001-22367-00005	Pages Affected: 6, 11, and 46
Original signed by: Nisha Sizemore, Section Chief Permits Branch Office of Air Quality	Issuance Date: January 6, 2006 Expiration Date: July 3, 2007

## TABLE OF CONTENTS

<b>SECTION A</b>	<b>SOURCE SUMMARY.....</b>	<b>6</b>
A.1	General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]	
A.2	Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]	
A.3	Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]	
A.4	Part 70 Permit Applicability [326 IAC 2-7-2]	
<b>SECTION B</b>	<b>GENERAL CONDITIONS.....</b>	<b>13</b>
B.1	Definitions [326 IAC 2-7-1]	
B.2	Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5]	
B.3	Enforceability [326 IAC 2-7-7]	
B.4	Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]	
B.5	Severability [326 IAC 2-7-5(5)]	
B.6	Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]	
B.7	Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)] [326 IAC 2-7-6(6)]	
B.8	Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]	
B.9	Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]	
B.10	Annual Compliance Certification [326 IAC 2-7-6(5)]	
B.11	Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]	
B.12	Emergency Provisions [326 IAC 2-7-16]	
B.13	Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]	
B.14	Prior Permits Superseded [326 IAC 2-1.1-9.5]	
B.15	Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]	
B.16	Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]	
B.17	Permit Renewal [326 IAC 2-7-4]	
B.18	Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]	
B.19	Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]	
B.20	Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]	
B.21	Source Modification Requirement [326 IAC 2-7-10.5]	
B.22	Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]	
B.23	Transfer of Ownership or Operational Control [326 IAC 2-7-11]	
B.24	Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]	
B.25	Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314][326 IAC 1-1-6]	
<b>SECTION C</b>	<b>SOURCE OPERATION CONDITIONS.....</b>	<b>24</b>
	<b>Emission Limitations and Standards [326 IAC 2-7-5(1)]</b>	
C.1	Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]	
C.2	Opacity [326 IAC 5-1]	
C.3	Open Burning [326 IAC 4-1] [IC 13-17-9]	
C.4	Incineration [326 IAC 4-2] [326 IAC 9-1-2]	
C.5	Fugitive Dust Emissions [326 IAC 6-4]	
C.6	Operation of Equipment [326 IAC 2-7-6(6)]	
C.7	Stack Height [326 IAC 1-7]	
C.8	Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]	

## TABLE OF CONTENTS (Continued)

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

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 2-7-5(1)] [326 IAC 2-7-6(1)]

C.11 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

C.12 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

C.13 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

C.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

C.16 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

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

C.18 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

C.19 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

C.20 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

### Stratospheric Ozone Protection

C.21 Compliance with 40 CFR 82 and 326 IAC 22-1

## SECTION D.1 FACILITY OPERATION CONDITIONS..... 32

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

D.1.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]

D.1.2 New Source Performance Standards (NSPS) Grain Elevators [326 IAC 12] [40 CFR Subpart DD 60.302]

D.1.3 PSD Limit [326 IAC 2-2] [40 CFR 52.21]

D.1.4 Particulate Matter (PM) [326 IAC 6-3-2]

D.1.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

### Compliance Determination Requirements

D.1.6 Particulate Matter (PM)

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

D.1.7 Visible Emissions Notations

D.1.8 Parametric Monitoring

D.1.9 Baghouse and Self-Cleaning Screen Inspections

D.1.10 Broken or Failed Bag or Screen Detection

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

D.1.11 Record Keeping Requirements

D.1.12 Reporting Requirements

## TABLE OF CONTENTS (Continued)

### SECTION D.2 FACILITY OPERATION CONDITIONS..... 37

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

- D.2.1 Particulate Matter (PM) [326 IAC 6-3-2]
- D.2.2 PSD Limit [326 IAC 2-2] [40 CFR 52.21]
- D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

#### **Compliance Determination Requirements**

- D.2.4 Particulate Matter (PM)

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

- D.2.5 Visible Emissions Notations
- D.2.6 Parametric Monitoring
- D.2.7 Baghouse, Filters, and Self-Cleaning Screen Inspections
- D.2.8 Broken or Failed Bag Filter or Screen Detection
- D.2.9 Cyclone Inspections
- D.2.10 Cyclone Failure Detection

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

- D.2.11 Record Keeping Requirements
- D.2.12 Reporting Requirements

### SECTION D.3 FACILITY OPERATION CONDITIONS..... 46

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

- D.3.1 Particulate Matter Limitation (PM) [326 IAC 6-2-3] [326 IAC 6-2-4]
- D.3.2 Sulfur Dioxide (SO<sub>2</sub>) [326 IAC 7-1.1-1]
- D.3.3 Particulate Matter (PM) [326 IAC 12-1] [40 CFR 60, Subpart Dc]
- D.3.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

#### **Compliance Determination Requirements**

- D.3.5 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 7-2]
- D.3.6 Used Oil Requirements [329 IAC 13-8]

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

- D.3.7 Visible Emissions Notations

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

- D.3.8 Record Keeping Requirements
- D.3.9 Reporting Requirements

### SECTION D.4 FACILITY OPERATION CONDITIONS..... 50

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

- D.4.1 PSD Limit [326 IAC 2-2][40CFR 52.21]
- D.4.2 Storage Vessels [40 CFR 60, Subpart Kb][326 IAC 12]
- D.4.3 General Provisions Relating to HAPs [326 IAC 20-1-1][40 CFR 63, Subpart A]
- D.4.4 Solvent Extraction for Vegetable Oil Production NESHAP [40 CFR Part 63, Subpart GGGG][326 IAC 14]
- D.4.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

#### **Compliance Determination Requirements**

- D.4.6 Volatile Organic Compounds (VOC)

**TABLE OF CONTENTS (Continued)**

- D.4.7 Compliance Requirements [40 CFR Part 63, Subpart GGGG]
- D.4.8 Compliance Plan [40 CFR Part 63, Subpart GGGG]
- D.4.9 Startup, Shutdown, and Malfunction Plan [40 CFR Part 63, Subpart GGGG]

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

- D.4.10 Monitoring

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

- D.4.11 Record Keeping Requirements
- D.4.12 Reporting Requirements

**SECTION D.5 FACILITY OPERATION CONDITIONS..... 59**

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

- D.5.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]
- D.5.2 New Source Performance Standards (NSPS) Grain Elevators [326 IAC 12] [40 CFR Subpart DD 60.302]
- D.5.3 PSD Limit [326 IAC 2-2] [40 CFR 52.21]
- D.5.4 Particulate Matter (PM) [326 IAC 6-3-2]
- D.5.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

**Compliance Determination Requirements**

- D.5.6 Particulate Matter (PM)

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

- D.5.7 Visible Emissions Notations
- D.5.8 Self-Cleaning Screen Inspections
- D.5.9 Broken or Failed Screen Detection
- D.5.10 Cyclone Inspections
- D.5.11 Cyclone Failure Detection

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

- D.5.12 Record Keeping Requirements
- D.5.13 Reporting Requirements

Certification.....	63
Emergency Occurrence Report.....	64-65
Semi-Annual Natural Gas Fired Boiler Certification.....	66
Quarterly Report.....	67
Quarterly Report.....	68
Quarterly Deviation and Compliance Monitoring Report.....	69-70

The remainder of the page is left blank intentionally.

## SECTION A SOURCE SUMMARY

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

### A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

---

The Permittee owns and operates a stationary grain handling, animal feed production, soybean meal production, and soybean oil extraction plant.

Responsible Official:	Plant Manager
Source Address:	1200 North 2 <sup>nd</sup> Street, Decatur, Indiana 46733
Mailing Address:	1200 North 2 <sup>nd</sup> Street, Decatur, Indiana 46733
General Source Phone Number:	(219)724-2101
SIC Code:	2075, 5153, and 2048
County Location:	Adams
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Rules; Not 1 of 28 Source Categories

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

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

NOTE: All throughputs and capacities are included in a IDEM, OAQ confidential file as the source considers them confidential.

- (a) Truck Dump #2, identified as 1EL1, constructed in 1980, using a baghouse for particulate matter (PM) control, and exhausting to stack 1EL;
- (b) The following grain elevator components, together identified as 2EL1, using a baghouse and oil suppressant for PM control, and exhausting to stack 2EL:
  - (1) One (1) dryer megatex enclosed conveyor, constructed in 1997;
  - (2) One (1) dryer rotex, constructed in 1978;
  - (3) One (1) screening bin hammermill, constructed in 1978;
  - (4) One (1) #1 scalperator, constructed prior to 1977;
  - (5) One (1) #2 scalperator, constructed prior to 1977;
  - (6) One (1) #3 scalperator, constructed prior to 1977;
  - (7) One (1) ext. screening bin, constructed prior to 1977;
  - (8) One (1) screening bin, constructed prior to 1977;
  - (9) One (1) solvent screening leg, constructed prior to 1977;
  - (10) One (1) #1 leg, constructed prior to 1977;

- (11) One (1) #2 leg, constructed prior to 1977;
  - (12) One (1) #3 leg, constructed prior to 1977;
  - (13) One (1) west to east Hi-Roller, constructed in 1992;
  - (14) One (1) west to east belt loader, constructed prior to 1977;
  - (15) One (1) dry bean leg, constructed prior to 1977;
  - (16) One (1) #1 dryer Hi-Roller, constructed in 1994;
  - (17) One (1) weaver's belt, constructed in 1994; and
  - (18) One (1) 102 belt, constructed in 1994;
- (c) The following grain elevator components, together identified as 5EL1, using a baghouse and oil suppressant for PM control, and exhausting to stack 5EL:
- (1) One (1) north tripper buggy, constructed in 1978;
  - (2) One (1) north galley belt loader, constructed in 1978;
  - (3) One (1) east west belt, constructed in 1995; and
  - (4) One (1) bin 102, constructed prior to 1977;
- (d) One (1) north west receiving house enclosed conveyor identified as 8EL1, constructed in 1995, using oil suppressant for PM control, with no aspiration;
- (e) The following grain elevator components together identified as 10EL1, using a baghouse and oil suppressant for PM control, and exhausting to stack 10EL:
- (1) One (1) rail loadout, constructed in 1984;
  - (2) One (1) rail receiving, constructed in 1960;
  - (3) One (1) north leg, constructed prior to 1960; and
  - (4) One (1) south leg, constructed prior to 1960;
- (f) The following grain elevator components together identified as 14EL1, using a baghouse and oil suppressant for PM control, and exhausting to stack 14EL:
- (1) One (1) jumbo silo east galley belt, constructed prior to 1977;
  - (2) One (1) jumbo silo west galley belt, constructed in 1993; and
  - (3) One (1) jumbo silo crossover galley belt, constructed prior to 1977;
- (g) One (1) natural gas fired grain dryer #2, identified as 19EL1, constructed in 1995, using self-cleaning screens for PM control, and exhausting to vent 19EL;
- (h) One (1) truck dump #7, identified as 20EL1, constructed in 1997, consisting of one (1) weight scale truck unloading pit, and two (2) enclosed bucket elevator legs, using two (2) baghouses in parallel for PM control, and exhausting to stack 20EL;

- (i) Silo bin vents, identified as 3EL, constructed prior to 1977, using soybean oil as a dust suppressant, and exhausting to vent 3EL;
- (j) Silo direct loadout, identified as 4EL1, constructed prior to 1977, using soybean oil as a dust suppressant;
- (k) One (1) south tripper buggy, one (1) south galley belt loader, and one (1) north south belt, identified as 6EL1, all constructed prior to 1977, using a baghouse and oil suppressant for PM control, and exhausting to stack 6EL;
- (l) One (1) south west receiving house enclosed conveyor, identified as 7EL1, constructed in 1995, using oil suppressant for PM control with no aspiration;
- (m) One (1) truck dump #3, identified as 9EL1, constructed in 1976, using a baghouse for PM control, and exhausting to stack 9EL;
- (n) One (1) truck dump #5, identified as 12EL1, constructed prior to 1977, using a baghouse for PM control, and exhausting to stack 12EL;
- (o) One (1) jumbo silo east tunnel belt, one (1) jumbo silo west tunnel belt, and one (1) jumbo silo crossover tunnel belt, identified as 13EL1, all constructed prior to 1977, using a baghouse and oil suppressant for PM control, and exhausting to stack 13EL;
- (p) One (1) truck dump #6, identified as 15EL1, constructed prior to 1977, using a baghouse for PM control, and exhausting to stack 15EL;
- (q) Two (2) natural gas fired grain dryers, #4 and #5, identified as 17EL1, constructed in the 1960's, using self-cleaning screens for PM control, and exhausting to vent 17EL;
- (r) One (1) Lec. Dept. filter aid unit, identified as 204RO1, constructed in 1980, with a maximum capacity of 2.5 tons of diatomaceous earth per hour, using a baghouse for PM control, and exhausting to stack 204RO;
- (s) Daily use bins, identified as 102EO1, constructed in 1976, using a baghouse for PM control, and exhausting to stack 102EO;
- (t) Filter aid silos, identified as 103EO1, constructed in 1976, using a baghouse for PM control, and exhausting to stack 103EO;
- (u) One (1) natural gas fired hydrogen generator furnace, identified as 107EO1, constructed in 1992, and exhausting to stack 107EO;
- (v) Salt conveying, identified as 4SP1, constructed in 1981, using a baghouse for PM control, and exhausting to stack 4SP;
- (w) Six (6) flaking rolls, #1, #2, #3, #4, #5, and #6, constructed in 1996, and B flake n/s drag, constructed in 1991, all identified together as 1EX1, sharing fabric filters with 1EX2 for PM control, and exhausting to stack 1EX;
- (x) One (1) flaking roll #14 and flaking roll discharge #14, identified as 1EX2, constructed in 1991, sharing fabric filters with 1EX1 for PM control, and exhausting to stack 1EX;
- (y) One (1) 'A' conditioner, identified as 2EX1, constructed in the 1930's, with no PM control, and exhausting to stack 2EX;
- (z) The following soybean processing equipment, together identified as 3EX1, sharing a cyclone with 3EX2 for PM control, and exhausting to stack 3EX:

- (1) Four (4) flaking rolls, #9, #10, #11, and #12, constructed in 1978;
  - (2) One (1) flaking roll #13, constructed in 1985;
  - (3) One (1) 'A' flake n/s drag, constructed in 1993; and
  - (4) One (1) 'A' flake e/w drag, constructed in 1993;
- (aa) One (1) north run around drag, identified as 3EX2, constructed in 1984, sharing a cyclone with 3EX1, and exhausting to stack 3EX;
- (bb) The following soybean processing equipment, together identified as 4EX1, sharing a baghouse with 4EX2 and 4EX3 for PM control, and exhausting to stack 4EX:
- (1) One (1) whole bean scale, constructed in 1989;
  - (2) One (1) 'A' whole bean leg, constructed in 1997;
  - (3) One (1) 'A' surge bin, constructed prior to 1979;
  - (4) One (1) whole bean drag, constructed in 1981; and
  - (5) One (1) 'B' surge bin, constructed prior to 1979;
- (cc) A run around rework screw, identified as 4EX2, constructed in 1991, sharing a baghouse with 4EX1 and 4EX3 for PM control, and exhausting to stack 4EX;
- (dd) The following soybean processing equipment, together identified as 4EX3, sharing a baghouse with 4EX1 and 4EX2 for PM control, and exhausting to stack 4EX:
- (1) One (1) hull refining screw conveyor, constructed in 1991;
  - (2) One (1) hull refining process, constructed in 1991; and
  - (3) One (1) hull grinding process, constructed in 1987;
- (ee) Dehulling equipment, identified as 5EX1, constructed in 1997, sharing a baghouse with 5EX2 and 5EX3 for PM control, and exhausting to stack 5EX;
- (ff) Hot dehulling equipment, identified as 5EX2, constructed in 1991, sharing a baghouse with 5EX1 and 5EX3 for PM control, and exhausting to stack 5EX;
- (gg) Screening aspiration, identified as 5EX3, constructed in 1988, sharing a baghouse with 5EX1 and 5EX2 for PM control, and exhausting to stack 5EX;
- (hh) Truck loadout, identified as 6EX1, constructed in 1982, replaced in 1999, using a baghouse for PM control, and exhausting to stack 6EX;
- (ii) The following soybean processing equipment, together identified as 7EX1, using a baghouse for PM control, and exhausting to stack 7EX:
- (1) One (1) north megamill, constructed in 1993;
  - (2) One (1) south megamill, constructed in 1993; and
  - (3) One (1) stedman grinder, constructed in 1983;

Permit Reviewer: ERG/KC

- (jj) One (1) leg No. 2, one (1) mixing conveyor, and one (1) bin drag, together identified as 9EX1, all constructed in 1983, using a baghouse for PM control, and exhausting to stack 9EX;
- (kk) The following soybean processing equipment, together identified as 10EX1, using a baghouse for PM control, and exhausting to stack 10EX:
  - (1) One (1) leg No. 3, constructed in the 1950's;
  - (2) One (1) tunnel drag, constructed in 1983; and
  - (3) One (1) meal loadout drag, constructed in 1982;
- (ll) One (1) kaolin bin, identified as 11EX1, constructed in the 1950's, using a baghouse for PM control, and exhausting to stack 11EX;
- (mm) One (1) meal loadout bin, identified as 12EX1, constructed in 1982, using a baghouse for PM control, and exhausting to stack 12EX;
- (nn) One (1) pre-DT section on top of 'A' top dryer section, constructed in 1996, and exhausting to 'A' top dryer section for PM control and one (1) 'A' top dryer section, identified as 13EX1, constructed in 1980, using a cyclone for PM control, exhausting to stack 13EX, with hexane emissions reported in 24EX;
- (oo) One (1) 'A' middle dryer section, identified as 13EX2, constructed in 1980, using a cyclone for PM control, exhausting to stack 13EX, with hexane emissions reported in 24EX;
- (pp) One (1) 'A' bottom cooler section, identified as 13EX3, constructed in 1980, using a cyclone for PM control, exhausting to stack 13EX, with hexane emissions reported in 24EX;
- (qq) One (1) pre-DT section on top of 'B' top dryer section, constructed in 1996, and exhausting to 'B' top dryer section for PM control, and one (1) 'B' top dryer section, identified as 14EX1, constructed in 1980, using a cyclone for PM control, exhausting to stack 14EX, with hexane emissions reported in 24EX;
- (rr) One (1) 'B' middle dryer section, identified as 14EX2, constructed in 1980, using a cyclone for PM control, exhausting to stack 14EX, with hexane emissions reported in 24EX;
- (ss) One (1) 'B' bottom cooler section, identified as 14EX3, constructed in 1980, using a cyclone for PM control, exhausting to stack 14EX, with hexane emissions reported in 24EX;
- (tt) One (1) meal cooler, identified as 21EX, constructed in 1996, using two (2) cyclones for PM control and exhausting to stacks 21EX-A and 21EX-B, with hexane emissions reported in 24EX;
- (uu) One (1) belt to storage bowls, one (1) large storage bowl, and one (1) small storage bowl, identified as 16EX1, 16EX2, and 16EX3, respectively, all constructed in 1982, with no PM control, and exhausting to stack 16EX;
- (vv) Whole bean bins, identified as 18EX1, constructed in the 1940's, with no PM control, and exhausting to stack 18EX;

Permit Reviewer: ERG/KC

- (ww) Meal storage silos with bin vents, identified as 23EX1, constructed in the 1950's, and one (1) bin vent filter, exhausting to stack 23EX;
- (xx) One (1) zinc receiving bin, identified as 25EX1, constructed in 1994, sharing a bin vent filter with 25EX2 for PM control, and exhausting to stack 25EX;
- (yy) One (1) zinc surge bin, identified as 25EX2, constructed in 1994, sharing a bin vent filter with 25EX1 for PM control, and exhausting to stack 25EX;
- (zz) One (1) rumen conveyor, identified as 8EX1, constructed in 1994, using a cyclone for PM control, and exhausting to stack 8EX;
- (aaa) One (1) rotary reactor, identified as 27EX1, constructed in the 1994, using a cyclone for PM control, and exhausting to stack 27EX;
- (bbb) Rumen loadout bins, identified as 29EX1, constructed in 1994, using a bin vent filter for PM control, and exhausting to stack 29EX;
- (ccc) Rumen rework surge bin, identified as 30EX1, constructed in 1994, using a polyethylene fabric filter for PM control, and exhausting to stack 30EX;
- (ddd) One (1) natural gas fired heater, identified as 110EO, constructed in 2002, and exhausting to stack 110EO;
- (eee) One (1) natural gas fired steam generator #3, identified as 108EO1, constructed in 1994, and exhausting to stack 108EO;
- (fff) One (1) B & W coal fired boiler, identified as 1SP1, constructed in 1950, using multiple cyclones and a baghouse for control of particulate and HAPs, and exhausting to stack 1SP;
- (ggg) One (1) Keeler coal fired boiler, identified as 2SP1, constructed in 1963, using multiple cyclones and a baghouse for control of particulate and HAPs, and exhausting to stack 1SP
- (hhh) One (1) Murray natural gas fired, vegetable oil-fired, waste oil-fired, and hazardous chemical fired boiler, identified as 3SP1, constructed in 1968, and exhausting to stack 1SP;
- (iii) Hexane extraction system, identified as 24EX1, modified prior to 1980, with hexane emissions from the vent system controlled by a mineral oil absorber, and exhausting to stack 24EX1 (for reporting purposes, all other hexane emissions are collectively accounted for in the total hexane losses named 24EX);
- (jjj) One (1) pre DT section on top of 'A' top dryer section, constructed in 1996, and one (1) 'A' DTDC top dryer section, constructed prior to 1980, with hexane emissions controlled by a mineral oil absorber and reported in 24EX;
- (kkk) One (1) 'A' DTDC middle dryer section, identified as 24EX3, constructed prior to 1980, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (III) One (1) 'A' DTDC bottom cooler section, identified as 24EX4, constructed prior to 1980, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (mmm) One (1) pre-DT section on top of 'B' top dryer section, constructed in 1996, and one (1) 'B' DTDC top dryer section, constructed prior to 1980, both identified as 24EX5, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;

- (nnn) One (1) 'B' DTDC middle dryer section, identified as 24EX6, constructed prior to 1980, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (ooo) One (1) 'B' DTDC bottom cooler section, identified as 24EX7, constructed prior to 1980, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (ppp) One (1) meal cooler, identified as 21EX, constructed in 1996, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (qqq) Two (2) hexane storage tanks, identified as 24EX8a and 24EXb, constructed in 1995 and 2005, respectively, and vented to the mineral oil absorber inlet;
- (rrr) Wastewater system containing hexane, identified as 24EX9, constructed prior to 1980, and exhausting at the plant treatment facility;
- (sss) One (1) refined oil hot well, identified as 24EX10, constructed in 1975;
- (ttt) One (1) sampling/hexane unloading port, identified as 24EX11, and with no control;
- (uuu) One (1) natural gas fired grain dryer #1, identified as 16EL, constructed in 1986, using self-cleaning screens for PM control, and exhausting to stack 16EL;
- (vvv) The following soybean processing equipment, identified as 17EX2, modified in 1987, using a cyclone for PM control, and exhausting to stack 17EX:
  - (1) One (1) flaking roll #8, constructed in 1981; and
  - (2) One (1) 'B' flake e/w drag, constructed in 1980.
- (www) Two (2) conditioners identified as 31EX1 and 31EX2 constructed in 2002, and exhausting internally.

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

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

- (a) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].

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

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

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

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## SECTION B GENERAL CONDITIONS

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

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Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

### B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5]

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This permit is issued for a fixed term of five (5) years from the original date, 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.

### B.3 Enforceability [326 IAC 2-7-7]

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

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

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

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

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

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

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

### B.7 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)] [326 IAC 2-7-6(6)]

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- (a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

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

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

- (b) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the U. S. EPA along with a claim of confidentiality. [326 IAC 2-7-5(6)(E)]
- (c) 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 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for:
  - (1) Enforcement action;
  - (2) Permit termination, revocation and reissuance, or modification; or
  - (3) Denial of a permit renewal application.
- (b) Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act.
- (c) 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.
- (d) 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.

B.9 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

- (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 a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]

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

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

and

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

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document

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

- (c) The annual compliance certification report shall include the following:
- (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
  - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.

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

B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]  
[326 IAC 1-6-3]

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The PMP and the PMP extension notification do not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (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 contributes to any violation. The PMP does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

- (d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

**B.12 Emergency Provisions [326 IAC 2-7-16]**

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- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or  
Telephone Number: 317-233-5674 (ask for Compliance Section)  
Facsimile Number: 317-233-5967

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

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

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

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

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

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

B.13 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.  
  
This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.
- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
  - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

- (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
- (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
- (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(7)]

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

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

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

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

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

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

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

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.
- (c) Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.

Permit Reviewer: ERG/KC

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

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

B.17 Permit Renewal [326 IAC 2-7-4]

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

Request for renewal shall be submitted to:

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

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
  - (1) A timely renewal application is one that is:
    - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
    - (B) 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.

(2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]  
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]  
If IDEM, OAQ, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

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

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- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:
- Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251
- Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

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

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- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

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

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- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions are met:
- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;

- (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

- (4) The Permittee notifies the:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
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 which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

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

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

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

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

- (c) Emission Trades [326 IAC 2-7-20(c)]  
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]

The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

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

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

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

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

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

**B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]**

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

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

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

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

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing and Training Section), to determine the appropriate permit fee.

B.25 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314][326 IAC 1-1-6]

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

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## SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

C.2 Opacity [326 IAC 5-1]

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

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

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

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

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

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

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided by statute or rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.7 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4(d), (e), and (f), and 326 IAC 1-7-5(d) are not federally enforceable.

Permit Reviewer: ERG/KC

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

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- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
  - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
  - (2) If there is a change in the following:
    - (A) Asbestos removal or demolition start date;
    - (B) Removal or demolition contractor; or
    - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

All required notifications shall be submitted to:

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

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

- (e) Procedures for Asbestos Emission Control  
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4, 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) Indiana Accredited Asbestos Inspector  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The

requirement that the inspector be accredited, pursuant to the provisions of 40 CFR 61, Subpart M, is federally enforceable.

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

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

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- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

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

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

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

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

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

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

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

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

#### C.11 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

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

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

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

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

**C.12 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]**

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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 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]**

---

- (a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ( $\pm 2\%$ ) of full scale reading.
- (b) Whenever a condition in this permit requires the measurement of a flow rate, the instrument employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ( $\pm 2\%$ ) of full scale reading.
- (c) The Permittee may request the IDEM, OAQ approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other parameters.

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

**C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

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

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) These ERPs shall be submitted for approval to:

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

within ninety (90) days after the date of issuance of this permit.

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

- (c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

Permit Reviewer: ERG/KC

- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

---

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

- (a) A compliance schedule for meeting the requirements of 40 CFR 68; or
- (b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP).

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.16 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

---

- (a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:
  - (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit, and an expected timeframe for taking reasonable response steps.
  - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:
  - (1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or
  - (2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.
  - (3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, the IDEM, OAQ shall be promptly notified of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.

- (4) Failure to take reasonable response steps shall constitute a violation of the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
  - (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
  - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.
  - (3) An automatic measurement was taken when the process was not operating.
  - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.
- (d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.
- (e) The Permittee shall record all instances when response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]  
[326 IAC 2-7-6]

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

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

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

C.18 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

---

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6 that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:
- (1) Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
  - (2) Indicate estimated actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1) from the source, for purposes of Part 70 fee assessment.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

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

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

- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

C.19 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

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- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.20 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

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- (a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management

Compliance Data Section, Office of Air Quality  
100 North Senate Avenue,  
Indianapolis, Indiana 46204-2251

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

### **Stratospheric Ozone Protection**

#### **C.21 Compliance with 40 CFR 82 and 326 IAC 22-1**

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

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

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## SECTION D.1 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]:

- (a) Truck Dump #2, identified as 1EL1, constructed in 1980, using a baghouse for particulate matter (PM) control, and exhausting to stack 1EL;
- (b) The following grain elevator components, together identified as 2EL1, using a baghouse and oil suppressant for PM control, and exhausting to stack 2EL:
  - (1) One (1) dryer megatex enclosed conveyor, constructed in 1997;
  - (2) One (1) dryer rotex, constructed in 1978;
  - (3) One (1) screening bin hammermill, constructed in 1978;
  - (4) One (1) #1 scalperator, constructed prior to 1977;
  - (5) One (1) #2 scalperator, constructed prior to 1977;
  - (6) One (1) #3 scalperator, constructed prior to 1977;
  - (7) One (1) ext. screening bin, constructed prior to 1977;
  - (8) One (1) screening bin, constructed prior to 1977;
  - (9) One (1) solvent screening leg, constructed prior to 1977;
  - (10) One (1) #1 leg, constructed prior to 1977;
  - (11) One (1) #2 leg, constructed prior to 1977;
  - (12) One (1) #3 leg, constructed prior to 1977;
  - (13) One (1) west to east Hi-Roller, constructed in 1992;
  - (14) One (1) west to east belt loader, constructed prior to 1977;
  - (15) One (1) dry bean leg, constructed prior to 1977;
  - (16) One (1) #1 dryer Hi-Roller, constructed in 1994;
  - (17) One (1) weaver's belt, constructed in 1994; and
  - (18) One (1) 102 belt, constructed in 1994;
- (c) The following grain elevator components, together identified as 5EL1, using a baghouse and oil suppressant for PM control, and exhausting to stack 5EL:
  - (1) One (1) north tripper buggy, constructed in 1978;
  - (2) One (1) north galley belt loader, constructed in 1978;
  - (3) One (1) east west belt, constructed in 1995; and
  - (4) One (1) bin 102, constructed prior to 1977;

## SECTION D.1 FACILITY OPERATION CONDITIONS (Continued)

### Facility Description [326 IAC 2-7-5(15)]

- (d) One (1) north west receiving house enclosed conveyor identified as 8EL1, constructed in 1995, using oil suppressant for PM control, with no aspiration;
- (e) The following grain elevator components, together identified as 10EL1, using a baghouse and oil suppressant for PM control, and exhausting to stack 10EL:
  - (1) One (1) rail loadout, constructed in 1984;
  - (2) One (1) rail receiving, constructed in 1960;
  - (3) One (1) north leg, constructed prior to 1960; and
  - (4) One (1) south leg, constructed prior to 1960;
- (f) The following grain elevator components, together identified as 14EL1, using a baghouse and oil suppressant for PM control, and exhausting to stack 14EL:
  - (1) One (1) jumbo silo east galley belt, constructed prior to 1977;
  - (2) One (1) jumbo silo west galley belt, constructed in 1993; and
  - (3) One (1) jumbo silo crossover galley belt, constructed prior to 1977;
- (g) One (1) natural gas fired grain dryer #2, identified as 19EL1, constructed in 1995, using self-cleaning screens for PM control, and exhausting to vent 19EL;
- (h) One (1) truck dump #7, identified as 20EL1, constructed in 1997, consisting of one (1) weigh scale truck unloading pit, and two (2) enclosed bucket elevator legs, using two (2) baghouses in parallel for PM control, and exhausting to stack 20EL.

(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 2-7-5(1)]

#### D.1.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the affected facilities described in this section except when otherwise specified in 40 CFR Part 60, Subpart DD.

#### D.1.2 New Source Performance Standards (NSPS) Grain Elevators [326 IAC 12] [40 CFR Subpart DD 60.302]

Pursuant to 40 CFR Part 60, Subpart DD 60.302(b), process emission gases discharged into the atmosphere from the following units:

- (a) Unit 1EL1: Truck Dump #2;
- (b) Unit 10EL1: Rail loadout; and
- (c) Unit 20EL1: Truck Dump #7.

shall not exceed particulate matter (PM) concentrations of 0.01 gr/dscf. Process emission gases from these facilities shall not exhibit greater than 0 percent opacity.

D.1.3 PSD Limit [326 IAC 2-2] [40 CFR 52.21]

Pursuant to CP001-4673-00005, issued May 10, 1996, the amount of soybean grains processed after the grain dryers shall be limited to less than 1,368,750 tons per twelve (12) consecutive month period. This limit, in combination with the limits in Conditions D.2.2 and D.5.3, restricts the net increases of PM and PM10 emissions for the modification in 1996 to below the PSD significant levels of twenty-five (25) and fifteen (15) tons per year, respectively, and also satisfies the requirements of 326 IAC 6-3-2 (Process Operations). This limit is equivalent to the following hourly limits for unit 19EL: less than 1.36 pounds per hour of PM; and less than 0.283 pounds per hour of PM10. This will render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 not applicable.

D.1.4 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Operations), the particulate matter (PM) from the following units shall be limited by the equation following this table:

Unit	Description
2EL1	Dryer Rotex Feed Drag, Dryer Rotex, Screening Bin Hammermill, #1, #2, and #3 Scalperators, Solvent Screening Leg, #1, #2, and #2 Leg, West to East Belt Head Section, West to East Belt Loader, Dry Bean Leg, #1 Dryer Hi-Roller, Weaver's Belt, 102 Belt
5EL1	North Tripper Buggy, West Workhouse Turnhead, North Galley Belt Loader, East West Belt, West Workhouse to East Workhouse Belt Loader
8EL1	North West Receiving House Tunnel Belt
14EL1	Jumbo Silo East Galley Belt, Jumbo Silo West Galley Belt, Jumbo Silo Crossover Galley Belt
19EL1	Grain Dryer #2

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

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

The individual limitations are included in a IDEM, OAQ confidential file because the process weight rates are considered confidential by the source.

D.1.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

**Compliance Determination Requirements**

D.1.6 Particulate Matter (PM)

- (a) In order to comply with Conditions D.1.2, D.1.3, and D.1.4, the baghouses for PM control shall be in operation and control emissions from 1EL1, 2EL1, 5EL1, 10EL1, 14EL1, and 20EL1 at all times that the processes are in operation.
- (b) In order to comply with Conditions D.1.2, D.1.3, and D.1.4, the self-cleaning screens for PM control shall be in operation and control emissions from 19EL1 at all times that the process is in operation.
- (c) In order to comply with Conditions D.1.2, D.1.3, and D.1.4, dust control oil shall be applied at all times that 2EL1, 5EL1, 1EL1, 10EL1, and 14EL1 are in operation.

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

### D.1.7 Visible Emissions Notations

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- (a) Once per day visible emission notations of Unit 1EL1, 2EL1, 5EL1, 10EL1, 14EL1, 19EL1 vent and 20EL1 stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. 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) The Compliance Response Plan for these processes shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

### D.1.8 Parametric Monitoring

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The Permittee shall record the total static pressure drop across the baghouses used in conjunction with 1EL1, 2EL1, 5EL1, 10EL1, 14EL1 and 20EL1 at least once per day when the processes are in operation when venting to the atmosphere. When for any one reading, the pressure drop across the baghouses is outside the normal range of 0.5 to 8.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports. 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 - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

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

### D.1.9 Baghouse and Self-Cleaning Screen Inspections

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An inspection shall be performed once per year of all bags and self-cleaning screens controlling the facilities when venting to the atmosphere. Inspections are optional when venting to the indoors. All defective bags and screens shall be replaced.

### D.1.10 Broken or Failed Bag or Screen Detection

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In the event that bag failure has been observed:

- (a) For multi-compartment units, the affected compartments will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if there are no visible emissions or if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B- Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8)

business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

- (b) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

#### **D.1.11 Record Keeping Requirements**

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- (a) To document compliance with Condition D.1.3, the Permittee shall maintain records of the amount of soybean grains processed after the grain dryers. This is the same record that is required in Conditions D.2.11(a) and D.5.12(a).
- (b) To document compliance with Condition D.1.7(a), the Permittee shall maintain records of once per day visible emission notations of the stack exhaust from units 1EL1, 2EL1, 5EL1, 10EL1, 14EL1, 20EL1 and vent exhaust from unit 19EL1.
- (c) To document compliance with Condition D.1.8, the Permittee shall maintain once per day records of the total pressure drop across the baghouse during normal operation when venting to the atmosphere.
- (d) To document compliance with Condition D.1.9, the Permittee shall maintain records of the results of the inspections required under Condition D.1.9 and the dates the vents are redirected.
- (e) To document compliance with Condition D.1.5, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.
- (f) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### **D.1.12 Reporting Requirements**

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A quarterly summary of the information to document compliance with Condition D.1.3 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). This is the same report as required in Condition D.2.11 and D.5.12.

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## SECTION D.2 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]:

- (i) Silo bin vents, identified as 3EL, constructed prior to 1977, using soybean oil as a dust suppressant, and exhausting to vent 3EL;
- (j) Silo direct loadout, identified as 4EL1, constructed prior to 1977, using soybean oil as a dust suppressant;
- (k) One (1) south tripper buggy, one (1) south galley belt loader, and one (1) north south belt, identified as 6EL1, all constructed prior to 1977, using a baghouse and oil suppressant for PM control, and exhausting to stack 6EL;
- (l) One (1) south west receiving house enclosed conveyor, identified as 7EL1, constructed in 1995, using oil suppressant for PM control with no aspiration;
- (m) One (1) truck dump #3, identified as 9EL1, constructed in 1976, using a baghouse for PM control, and exhausting to stack 9EL;
- (n) One (1) truck dump #5, identified as 12EL1, constructed prior to 1977, using a baghouse for PM control, and exhausting to stack 12EL;
- (o) One (1) jumbo silo east tunnel belt, one (1) jumbo silo west tunnel belt, and one (1) jumbo silo crossover tunnel belt, identified as 13EL1, all constructed prior to 1977, using a baghouse and oil suppressant for PM control, and exhausting to stack 13EL;
- (p) One (1) truck dump #6, identified as 15EL1, constructed prior to 1977, using a baghouse for PM control, and exhausting to stack 15EL;
- (q) Two (2) natural gas fired grain dryers, #4 and #5, identified as 17EL1, constructed in the 1960's, using self-cleaning screens for PM control, and exhausting to vent 17EL;
- (r) One (1) Lec. Dept. filter aid unit, identified as 204RO1, constructed in 1980, with a maximum capacity of 2.5 tons of diatomaceous earth per hour, using a baghouse for PM control, and exhausting to stack 204RO;
- (s) Daily use bins, identified as 102EO1, constructed in 1976, using a baghouse for PM control, and exhausting to stack 102EO;
- (t) Filter aid silos, identified as 103EO1, constructed in 1976, using a baghouse for PM control, and exhausting to stack 103EO;
- (u) One (1) natural gas fired hydrogen generator furnace, identified as 107EO1, constructed in 1992, and exhausting to stack 107EO;
- (v) Salt conveying, identified as 4SP1, constructed in 1981, using a baghouse for PM control, and exhausting to stack 4SP;
- (w) Six (6) flaking rolls, #1, #2, #3, #4, #5, and #6, constructed in 1996, and B flake n/s drag, constructed in 1991, all identified together as 1EX1, sharing fabric filters with 1EX2 for PM control, and exhausting to stack 1EX;
- (x) One (1) flaking roll #14 and flaking roll discharge #14, identified as 1EX2, constructed in 1991, sharing fabric filters with 1EX1 for PM control, and exhausting to stack 1EX;
- (y) One (1) 'A' conditioner, identified as 2EX1, constructed in the 1930's, with no PM control, and exhausting to stack 2EX;

## SECTION D.2 FACILITY OPERATION CONDITIONS (Continued)

### Facility Description [326 IAC 2-7-5(15)]:

- (z) The following soybean processing equipment, together identified as 3EX1, sharing a cyclone with 3EX2 for PM control, and exhausting to stack 3EX:
  - (1) Four (4) flaking rolls, #9, #10, #11, and #12, constructed in 1978;
  - (2) One (1) flaking roll #13, constructed in 1985;
  - (3) One (1) 'A' flake n/s drag, constructed in 1993; and
  - (4) One (1) 'A' flake e/w drag, constructed in 1993;
- (aa) One (1) north run around drag, identified as 3EX2, constructed in 1984, sharing a cyclone with 3EX1, and exhausting to stack 3EX;
- (bb) The following soybean processing equipment, together identified as 4EX1, sharing a baghouse with 4EX2 and 4EX3 for PM control, and exhausting to stack 4EX:
  - (1) One (1) whole bean scale, constructed in 1989;
  - (2) One (1) 'A' whole bean leg, constructed in 1997;
  - (3) One (1) 'A' surge bin, constructed prior to 1979;
  - (4) One (1) whole bean drag, constructed in 1981; and
  - (5) One (1) 'B' surge bin, constructed prior to 1979;
- (cc) A run around rework screw, identified as 4EX2, constructed in 1991, sharing a baghouse with 4EX1 and 4EX3 for PM control, and exhausting to stack 4EX;
- (dd) The following soybean processing equipment, together identified as 4EX3, sharing a baghouse with 4EX1 and 4EX2 for PM control, and exhausting to stack 4EX:
  - (1) One (1) hull refining screw conveyor, constructed in 1991;
  - (2) One (1) hull refining process, constructed in 1991; and
  - (3) One (1) hull grinding process, constructed in 1987;
- (ee) Dehulling equipment, identified as 5EX1, constructed in 1997, sharing a baghouse with 5EX2 and 5EX3 for PM control, and exhausting to stack 5EX;
- (ff) Hot dehulling equipment, identified as 5EX2, constructed in 1991, sharing a baghouse with 5EX1 and 5EX3 for PM control, and exhausting to stack 5EX;
- (gg) Screening aspiration, identified as 5EX3, constructed in 1988, sharing a baghouse with 5EX1 and 5EX2 for PM control, and exhausting to stack 5EX;
- (hh) Truck loadout, identified as 6EX1, constructed in 1982, replaced in 1999, using a baghouse for PM control, and exhausting to stack 6EX;

## SECTION D.2 FACILITY OPERATION CONDITIONS (Continued)

### Facility Description [326 IAC 2-7-5(15)]:

- (ii) The following soybean processing equipment, together identified as 7EX1, using a baghouse for PM control, and exhausting to stack 7EX:
  - (1) One (1) north megamill, constructed in 1993;
  - (2) One (1) south megamill, constructed in 1993; and
  - (3) One (1) stedman grinder, constructed in 1983;
- (jj) One (1) leg No. 2, one (1) mixing conveyor, and one (1) bin drag, together identified as 9EX1, all constructed in 1983, using a baghouse for PM control, and exhausting to stack 9EX;
- (kk) The following soybean processing equipment, together identified as 10EX1, using a baghouse for PM control, and exhausting to stack 10EX:
  - (1) One (1) leg No. 3, constructed in the 1950's;
  - (2) One (1) tunnel drag, constructed in 1983; and
  - (3) One (1) meal loadout drag, constructed in 1982;
- (ll) One (1) kaolin bin, identified as 11EX1, constructed in the 1950's, using a baghouse for PM control, and exhausting to stack 11EX;
- (mm) One (1) meal loadout bin, identified as 12EX1, constructed in 1982, using a baghouse for PM control, and exhausting to stack 12EX;
- (nn) One (1) pre-DT section on top of 'A' top dryer section, constructed in 1996, and exhausting to 'A' top dryer section for PM control and one (1) 'A' top dryer section, identified as 13EX1, constructed in 1980, using a cyclone for PM control, exhausting to stack 13EX, with hexane emissions reported in 24EX;
- (oo) One (1) 'A' middle dryer section, identified as 13EX2, constructed in 1980, using a cyclone for PM control, exhausting to stack 13EX, with hexane emissions reported in 24EX;
- (pp) One (1) 'A' bottom cooler section, identified as 13EX3, constructed in 1980, using a cyclone for PM control, exhausting to stack 13EX, with hexane emissions reported in 24EX;
- (qq) One (1) pre-DT section on top of 'B' top dryer section, constructed in 1996, and exhausting to 'B' top dryer section for PM control, and one (1) 'B' top dryer section, identified as 14EX1, constructed in 1980, using a cyclone for PM control, exhausting to stack 14EX, with hexane emissions reported in 24EX;
- (rr) One (1) 'B' middle dryer section, identified as 14EX2, constructed in 1980, using a cyclone for PM control, exhausting to stack 14EX, with hexane emissions reported in 24EX;
- (ss) One (1) 'B' bottom cooler section, identified as 14EX3, constructed in 1980, using a cyclone for PM control, exhausting to stack 14EX, with hexane emissions reported in 24EX;
- (tt) One (1) meal cooler, identified as 21EX, constructed in 1996, using two (2) cyclones for PM control and exhausting to stacks 21EX-A and 21EX-B, with hexane emissions reported in 24EX;

**SECTION D.2 FACILITY OPERATION CONDITIONS (Continued)**

**Facility Description [326 IAC 2-7-5(15)]:**

- (uu) One (1) belt to storage bowls, one (1) large storage bowl, and one (1) small storage bowl, identified as 16EX1, 16EX2, and 16EX3, respectively, all constructed in 1982, with no PM control, and exhausting to stack 16EX;
- (vv) Whole bean bins, identified as 18EX1, constructed in the 1940's, with no PM control, and exhausting to stack 18EX;
- (ww) Meal storage silos with bin vents, identified as 23EX1, constructed in the 1950's, and one (1) bin vent filter, exhausting to stack 23EX;
- (xx) One (1) zinc receiving bin, identified as 25EX1, constructed in 1994, sharing a bin vent filter with 25EX2 for PM control, and exhausting to stack 25EX;
- (yy) One (1) zinc surge bin, identified as 25EX2, constructed in 1994, sharing a bin vent filter with 25EX1 for PM control, and exhausting to stack 25EX;
- (zz) One (1) rumen conveyor, identified as 8EX1, constructed in 1994, using a cyclone for PM control, and exhausting to stack 8EX;
- (aaa) One (1) rotary reactor, identified as 27EX1, constructed in the 1994, using a cyclone for PM control, and exhausting to stack 27EX;
- (bbb) Rumen loadout bins, identified as 29EX1, constructed in 1994, using a bin vent filter for PM control, and exhausting to stack 29EX;
- (ccc) Rumen rework surge bin, identified as 30EX1, constructed in 1994, using a polyethylene fabric filter for PM control, and exhausting to stack 30EX;

(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 2-7-5(1)]**

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

Pursuant to 326 IAC 6-3-2 (Process Operations), the particulate matter (PM) from the following units shall not exceed the pound per hour emission rate calculated using the equation following this table:

Unit	Description
3EL	Silo Bin Vents
4EL1	Silo Direct Loadout
6EL1	South Tripper Buggy, South Galley Belt Loader, North South Belt
7EL1	South West Receiving House Tunnel Belt
9EL1	Truck Dump #3
12EL1	Truck Dump #5
13EL1	Jumbo Silo East Tunnel Belt, Jumbo Silo West Tunnel Belt, Jumbo Silo Crossover Tunnel Belt
15EL1	Truck Dump #6
16EL1	Grain Dryer #1
17EL1	Grain Dryer #4 and #5
204RO1	Lec. Dept. Filter Aid Unit

Unit	Description
102EO1	Daily Use Bins
Unit	Description
103EO1	Filter Aid Silos
4SP1	Salt Conveying
1EX1	Flaking Roll #1, #2, #3, #4, #5, #6, B Flake N/S Drag
1EX2	Flaking Roll #14, Flaking Roll Discharge #14
2EX1	'A' Conditioner
3EX1	Flaking Roll #9, #10, #11, #12, #13, 'A' Flake N/S Drag, 'A' Flake E/W Drag
3EX2	North Run Around Drag
4EX1	Whole Bean Scale, 'A' Whole Bean Leg, 'A' Surge Bin, Whole Bean Drag, 'B' Surge Bin
4EX2	Run Around Rework Screw
4EX3	Hull Refining Screw Conveyor, Hull Refining Process, Hull Grinding Process
5EX1	Dehulling Equipment
5EX2	Hot Dehulling Equipment
5EX3	Screening
6EX1	Truck Loadout
7EX1	North Megamill, South Megamill, Stedman Grinder
9EX1	Leg No. 2, Mixing Conveyor, Bin Drag
10EX1	Leg No.3, tunnel drag, meal loadout drag
11EX1	Kaolin Bin
12EX1	Meal Loadout Bin
13EX1	Pre-DT and 'A' Top Dryer Section
13EX2	'A' Middle Dryer Section
13EX3	'A' Bottom Cooler Section
14EX1	Pre-DT and 'B' Top Dryer Section
14EX2	'B' Middle Dryer Section
14EX3	'B' Bottom Cooler Section
16EX1	Belt to Storage Bowls
16EX2	Large Storage Bowl
16EX3	Small Storage Bowl
18EX1	Whole Bean Bins
21EX1	A and B Cooler
23EX1	Meal Storage Silos
25EX1	Zinc Receiving Bin
25EX2	Zinc Surge Bin
27EX1	Rotary Reactor
8EX1	Rumen Conveyor
29EX1	Rumen Loadout Bins
30EX1	Rumen Surge Bin

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:

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

and

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:

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

P = process weight rate in tons per hour

The individual limitations are included in a IDEM, OAQ confidential file because the process weight rates are considered confidential by the source.

**D.2.2 PSD Limit [326 IAC 2-2] [40 CFR 52.21]**

Pursuant to CP001-4673-00005, issued May 10, 1996, the amount of soybean grains processed after the grain dryers shall be limited to less than 1,368,750 tons per twelve (12) consecutive month period. This limit, in combination with the limits in Conditions D.1.3 and D.5.3, restricts the net increases of PM and PM10 emissions from the modification in 1996 to below the PSD significant levels of twenty-five (25) and fifteen (15) tons per year, respectively, and also satisfies the requirements of 326 IAC 6-3-2 (Process Operations). This limit is equivalent to the following individual limits:

Unit	PM Limit (lb/hr)	PM10 Limit (lb/hr)
1EX	0.516	0.320
4EX	1.181	0.230
5EX	1.684	0.255
7EX	0.351	0.254
13EX	7.38	4.43
14EX	7.38	4.43
21EX	17.7	10.8
23EX	3.28	1.64
6EX	0.056	0.008

This will render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 not applicable.

**D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]**

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

**Compliance Determination Requirements**

**D.2.4 Particulate Matter (PM)**

- (a) In order to comply with Conditions D.2.1 and D.2.2, the baghouses, filters, and cyclones for PM control shall be in operation and control emissions from the listed facilities at all times that the facilities are in operation.
- (b) In order to comply with Conditions D.2.1 and D.2.2, dust control oil shall be applied at all times that facilities whose descriptions above mention oil dust suppressant are in operation.
- (c) In order to comply with Conditions D.2.1 and D.2.2, the self-cleaning screens for PM control shall be in operation and control emissions from the facilities whose descriptions above mention the use of self-cleaning screens at all times that these facilities are in operation.

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

**D.2.5 Visible Emissions Notations**

- (a) Once per shift visible emission notations of 13EX, 14EX and 23EX stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) Once per day visible emission notations of 6EL, 9EL, 12EL, 13EL, 15EL, 17EL vent 103EO, 4SP, 1EX, 3EX, 4EX, 5EX, 6EX, 7EX, 8EX, 9EX, 10EX, 11EX, 12EX, 21EX A, 21EX B, 25EX, 27EX, 29EX and 30EX stack exhaust shall be performed during normal

daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

- (c) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (d) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (e) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (f) The Compliance Response Plan for these processes shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

#### D.2.6 Parametric Monitoring

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- (a) Alarms shall be operational on all cyclone high level indicators. If an alarm sounds, the Permittee shall take reasonable response steps. Failure to take response steps in accordance with Section C – Compliance Response Plan – Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.
- (b) The Permittee shall record the total static pressure drop across the baghouses and filters controlling 6EL, 9EL, 12EL, 13EL, 15EL, 103EO, 4SP, 1EX, 4EX, 5EX, 6EX, 7EX, 9EX, 10EX, 11EX, 12EX, 25EX, 29EX and 30EX at least once per day when the processes are in operation when venting to the atmosphere. When for any one reading, the pressure drop across the baghouses is outside the normal range of 0.5 to 8.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports. 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 – Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

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

#### D.2.7 Baghouse, Filters, and Self-Cleaning Screen Inspections

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An inspection shall be performed once per year of all bags, filters, and self-cleaning screens controlling the facilities when venting to the atmosphere. Inspections are optional when venting to the indoors. All defective bags and screens shall be replaced.

#### D.2.8 Broken or Failed Bag, Filter, or Screen Detection

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In the event that bag or screen failure has been observed:

- (a) For multi-compartment units, the affected compartments will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if there are no visible emissions or if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B- Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance

Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

- (b) For single compartment baghouses, filters, and screens, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

#### D.2.9 Cyclone Inspections

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An inspection shall be performed once per year of all cyclones controlling the processes when venting to the atmosphere. Inspections are optional when venting to the indoors.

#### D.2.10 Cyclone Failure Detection

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In the event that cyclone failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

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

#### D.2.11 Record Keeping Requirements

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- (a) To document compliance with Condition D.2.2, the Permittee shall maintain records of the amount of soybean grains processed after the grain dryers. This record is the same record that is required in Conditions D.1.11(a) and D.5.12(a).
- (b) To document compliance with Condition D.2.5(a), the Permittee shall maintain records of once per shift visible emission notations of the stack exhaust.
- (c) To document compliance with Condition D.2.5(b), the Permittee shall maintain records of once per day visible emission notations of the stack exhaust and 17EL vent exhaust.
- (d) To document compliance with Condition D.2.6(b), the Permittee shall maintain once per day records of the total pressure drop across the baghouse during normal operation when venting to the atmosphere. The Permittee shall also maintain records of any alarms that sound and the response steps taken.
- (e) To document compliance with Conditions D.2.7 and D.2.9, the Permittee shall maintain records of the results of the inspections required under Conditions D.2.7 and D.2.9 and the dates the vents are redirected..
- (f) To document compliance with D.2.3, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.
- (g) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.2.12 Reporting Requirements

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A quarterly summary of the information to document compliance with Condition D.2.2 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does

require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34). This is the same report as required in Condition D.1.11 and D.5.12.

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### SECTION D.3 FACILITY OPERATION CONDITIONS

#### Facility Description [326 IAC 2-7-5(15)]:

- (ddd) One (1) natural gas fired heater , identified as 110EO, constructed in 2002, and exhausting to stack 110EO;
- (eee) One (1) natural gas fired steam generator #3, identified as 108EO1, constructed in 1994, and exhausting to stack 108EO;
- (fff) One (1) B & W coal fired boiler, identified as 1SP1, constructed in 1950, using multiple cyclones and a baghouse for control of particulate and HAPs, and exhausting to stack 1SP;
- (ggg) One (1) Keeler coal fired boiler, identified as 2SP1, constructed in 1963, using multiple cyclones and a baghouse for control of particulate and HAPs, and exhausting to stack 1SP
- (hhh) One (1) Murray natural gas fired, vegetable oil-fired, waste oil-fired, and hazardous chemical fired boiler, identified as 3SP1, constructed in 1968, and exhausting to stack 1SP;

(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 2-7-5(1)]

##### D.3.1 Particulate Matter Limitation (PM) [326 IAC 6-2-3] [326 IAC 6-2-4]

- (a) 326 IAC 6-2-3 (Particulate Emission Limitations for Sources of Indirect Heating) applies to the B&W boiler, Keeler boiler, and Murray boiler because they were constructed prior to September 21, 1983, the applicability date for this rule. Pursuant to this rule, the following particulate emission limitations exist:

Year	Unit	PM Limit (lb/MMBtu)
1950	1SP1 - B&W Boiler	0.8
1963	2SP1 - Keeler Boiler	0.8
1968	3SP1 - Murray Boiler	0.8

- (b) 326 IAC 6-2-4 (Particulate Emission Limitations for Source of Indirect Heating) applies to the natural gas fired steam generator #3 (108EO1) because it was constructed after September 21, 1983, the applicability date for this rule. Pursuant to this rule, the particulate emissions from this source shall be limits to less than 0.25 pound per million British thermal unit heat input.

##### D.3.2 Sulfur Dioxide (SO<sub>2</sub>) [326 IAC 7-1.1-1]

Pursuant to 326 IAC 7-1.1-1, the sulfur dioxide emissions from the B&W boiler and Keeler boiler, when combusting coal, shall be less than 6.0 lb/MMBtu.

##### D.3.3 Particulate Matter (PM [326 IAC 12-1] [40 CFR 60, Subpart Dc]

Although the natural gas fired steam generator #3 (108EO1) is subject to 40 CFR Part 60, Subpart Dc, there are no emission limitations applicable, only record keeping requirements described in D.3.7.

##### D.3.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

## Compliance Determination Requirements

### D.3.5 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 7-2]

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Pursuant to 326 IAC 7-2, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed six (6.0) pounds per MMBtu. Compliance shall be determined utilizing the following options:

- (a) Providing vendor analysis of coal delivered, if accompanied by a certification from the fuel supplier as described under 40 CFR 60.48c(f)(3). The certification shall include:
  - (1) The name of the coal supplier; and
  - (2) The location of the coal when the sample was collected for analysis to determine the properties of the coal, specifically including whether the coal was sampled as delivered to the affected facility or whether the coal was collected from coal in storage at the mine, at a coal preparation plant, at a coal supplier's facility, or at another location. The certification shall include the name of the coal mine (and coal seam), coal storage facility, or coal preparation plant (where the sample was collected); and
  - (3) The results of the analysis of the coal from which the shipment came (or of the shipment itself) including the sulfur content, moisture content, ash content, and heat content; and
  - (4) The methods used to determine the properties of the coal; or
- (b) Coal sampling and analyzing shall be performed using one of the following procedures:
  - (1) Minimum Coal Sampling Requirements and Analysis Methods:
    - (A) The coal sample acquisition point shall be at a location where representative samples of the total coal flow to be combusted by the facility or facilities may be obtained. A single as-bunkered or as-burned sampling station may be used to represent the coal to be combusted by multiple facilities using the same stockpile feed system;
    - (B) Coal shall be sampled at least three (3) times per day and at least one (1) time per eight (8) hour period unless no coal is bunkered during the preceding eight (8) hours;
    - (C) Minimum sample size shall be five hundred (500) grams;
    - (D) Samples shall be composited and analyzed at the end of each calendar month;
    - (E) Preparation of the coal sample, heat content analysis, and sulfur content analysis shall be determined pursuant to 326 IAC 3-7-2(c), (d), (e); or
  - (2) Sample and analyze the coal pursuant to 326 IAC 3-7-3; or
- (c) Upon written notification to IDEM by a facility owner or operator, continuous emission monitoring data collected and reported pursuant to 326 IAC 3-5-1 may be used as the means for determining compliance with the emissions limitations in 326 IAC 7-2. Upon such notification, the other requirements of 326 IAC 7-2 shall not apply. [326 IAC 7-2-1(c)]

- (d) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the boiler, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6, which is conducted with such frequency as to generate the amount of information required by (a) or (b) above. [326 IAC 7-2-1(b)]

A determination of noncompliance pursuant to any of the methods specified in (a), (b), (c), or (d) above shall not be refuted by evidence of compliance pursuant to the other method. This rule is not federally enforceable.

#### D.3.6 Used Oil Requirements [329 IAC 13-8]

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Pursuant to 329 IAC 13-3-2 (Used Oil Specifications), used oil burned for energy recovery that is classified as off-specification used oil fuel shall comply with the provisions of 329 IAC 13-8 (Used Oil Burners Who Burn Off-specification Used Oil For Energy Recovery), including:

- (1) Receipt of an EPA identification number as outlined in 329 IAC 13-8-3 (Notification),
- (2) Compliance with the used oil storage requirements specified in 329 IAC 13-8-5 (Used Oil Storage), and
- (3) Maintain records pursuant to 329 IAC 13-8-6 (Tracking).
- (4) The waste oil burned in the Murray boiler shall comply with the used oil requirements specified in 329 IAC 13 (Used Oil Management). The burning of mixtures of used oil and hazardous waste that is regulated by 329 IAC 3.1 is prohibited at this source.

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

##### D.3.7 Visible Emissions Notations

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- (a) Once per shift visible emission notations of 1SP stack exhaust shall be performed during normal daylight operations when combusting coal, vegetable oil, waste oil or solvents and exhausting to the atmosphere. 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) The Compliance Response Plan for these processes shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

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

##### D.3.8 Record Keeping Requirements

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- (a) To document compliance with Condition D.3.2, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the PM and SO<sub>2</sub> emission limits established in Condition D.3.2.

- (1) Calendar dates covered in the compliance determination period;
  - (2) Actual coal usage since last compliance determination period;
  - (3) Sulfur content and heat content; and
  - (4) Sulfur dioxide emission rates.
- (b) Pursuant to 40 CFR Part 60, Subpart Dc, the owner or operator of 108EO1 shall record and maintain records of amounts of fuel combusted during each day.
  - (c) To document compliance with Condition D.3.7, the Permittee shall maintain records of visible emission notations of the boiler stack exhaust while combusting coal.
  - (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.3.9 Reporting Requirements

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- (a) A certification, signed by the responsible official that certifies all of the fuels combusted during the period for unit 3SP1. The natural gas-fired boiler certification does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34);
- (b) The natural gas boiler certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) month period being reported.
- (c) Pursuant to 326 IAC 7-2, for the B&W boiler and Keeler boiler, a quarterly report of the calendar month average coal sulfur content, coal heat content, the sulfur dioxide emission rate in pounds per million Btu, and the total monthly coal consumption shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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## SECTION D.4 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]:

- (iii) Hexane extraction system , identified as 24EX1, modified prior to 1980, with hexane emissions from the vent system controlled by a mineral oil absorber, and exhausting to stack 24EX1 (for reporting purposes, all other hexane emissions are collectively accounted for in the total hexane losses named 24EX);
- (jjj) One (1) pre-DT section on top of 'A' top dryer section, constructed in 1996, and one (1) 'A' DTDC top dryer section, constructed prior to 1980, with hexane emissions controlled by a mineral oil absorber and reported in 24EX;
- (kkk) One (1) 'A' DTDC middle dryer section, identified as 24EX3, constructed prior to 1980, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (lll) One (1) 'A' DTDC bottom cooler section, identified as 24EX4, constructed prior to 1980, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (mmm) One (1) pre-DT section on top of 'B' top dryer section, constructed in 1996, and one (1) 'B' DTDC top dryer section, constructed prior to 1980, both identified as 24EX5, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (nnn) One (1) 'B' DTDC middle dryer section, identified as 24EX6, constructed prior to 1980, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (ooo) One (1) 'B' DTDC bottom cooler section, identified as 24EX7, constructed prior to 1980, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (ppp) One (1) meal cooler, identified as 21EX, constructed in 1996, with hexane emissions controlled by a mineral oil absorber, and reported in 24EX;
- (qqq) Two (2) hexane storage tanks, identified as 24EX8a and 24EX8b, constructed in 1995 and 2005, respectively, and vented to the mineral oil absorber inlet;
- (rrr) Wastewater system containing hexane, identified as 24EX9, constructed prior to 1980, and exhausting at the plant treatment facility;
- (sss) One (1) refined oil hot well, identified as 24EX10, constructed in 1975;
- (ttt) One (1) sampling/hexane unloading port, identified as 24EX11, and with no control.

(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 2-7-5(1)]

#### D.4.1 PSD Limit [326 IAC 2-2][40CFR 52.21]

Pursuant to CP(002)2005, issued August 23, 1991, the hexane usage for all of the oil extraction facilities (24EX1-24EX11) combined shall be limited to less than 330,000 gallons per twelve (12) consecutive month period to ensure that the increase in hexane emissions from these units remains below 39.2 tons per year. This will ensure that 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 does not apply to this modification.

D.4.2 Storage Vessels [40 CFR 60, Subpart Kb][326 IAC 12]

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Pursuant to 40 CFR Part 60, Subpart Kb, records must be kept for the hexane storage tanks identified as 24EX8a and 24EX8b. The record keeping requirements are specified in the Record Keeping Requirements condition of this section. No other subpart Kb provisions apply.

D.4.3 General Provisions Relating to HAPs [326 IAC 20-1-1][40 CFR 63, Subpart A]

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The provisions of 40 CFR 63, Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR 63, Subpart GGGG.

D.4.4 Solvent Extraction for Vegetable Oil Production NESHAP [40 CFR Part 63, Subpart GGGG][326 IAC 14]

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Pursuant to 40 CFR Part 63, Subpart GGGG (National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production), the hexane emissions for the soybean conventional oilseed process is limited to 0.2 gallons of hexane lost per ton of oilseed processed. This limitation is a solvent loss factor to be applied in comparison to a loss of solvent at a n-hexane content of 64%. The compliance date for this rule is April 12, 2004. Compliance with the hexane limit shall be demonstrated using the following equation found in 40 CFR 63.2840:

$$\text{Compliance Ratio} = \frac{\text{Actual HAP Loss}}{\text{Allowable HAP Loss}}$$

This equation can also be expressed as a function of total solvent loss as shown below and found in 40 CFR 63.2840:

$$\text{Compliance Ratio} = \frac{f * \text{Actual Solvent Loss}}{0.64 * \sum (\text{Oilseed}_i * (\text{SLF})_i)}$$

where  $f$  = The weighted average volume fraction of HAP in solvent received during the previous 12 operating months, as determined in 40 CFR 63.2854, dimensionless;

0.64 = The average volume fraction of HAP in solvent in the baseline performance data, dimensionless;

Actual Solvent Loss = Gallons of actual solvent loss during previous 12 operating months, as determined in 40 CFR 63.2853;

Oilseed = Tons of each oilseed type "i" processed during the previous 12 operating months, as shown in 40 CFR 63.2855; and

SLF = The corresponding solvent loss factor (gal/ton) for oilseed "i" as shown in Table 1 of 40 CFR 63.2840.

After 12 operating months, the source shall calculate the compliance ratio by the end of each calendar month following an operating month using the second equation. When calculating the compliance ratio, the following conditions shall be considered:

- (1) If the source processes any quantity of listed oilseeds in a calendar month and the source is not operating under an initial startup period or malfunction period subject to 40 CFR 63.2850, then the source shall categorize the month as an operating month, as defined in 40 CFR 63.2872.
- (2) The 12-month compliance ratio may include operating months occurring prior to a source shutdown and operating months that follow after the source resumes operation.

- (3) If the source shuts down and processes no listed oilseed for an entire calendar month, then the source shall categorize the month as a nonoperating month, as defined in 40 CFR 63.2872. Exclude any nonoperating months from the compliance ratio determination.
- (4) If the source is subject to an initial startup period as defined in 40 CFR 60.2872, the source shall exclude from the compliance ratio determination any solvent and oilseed information recorded for the initial startup period.
- (5) If the source is subject to a malfunction period as defined in 40 CFR 63.2872, the source shall exclude from the compliance ratio determination any solvent and oilseed information recorded for the malfunction period.

If the compliance ratio is less than or equal to 1.00, the source is in compliance with the HAP emission requirement for the previous operating month.

#### D.4.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

### Compliance Determination Requirements

#### D.4.6 Volatile Organic Compounds (VOC)

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In order to comply with Condition D.4.1, the mineral oil absorber for VOC control shall be in operation and control emissions from the listed facilities at all times when the facilities are in operation.

#### D.4.7 Compliance Requirements [40 CFR Part 63, Subpart GGGG]

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- (a) Pursuant to 40 CFR 63.2850, the source shall:
  - (1) Submit the following necessary notifications in accordance with 40 CFR 63.2860:
    - (A) Initial notifications for existing source by August 10, 2001. The source submitted the initial notification on August 6, 2001; and
    - (B) Notification of compliance status, no later than 60 days after determining your initial 12 operating months compliance ratio. For an existing source, such as this source, the notification must be submitted no later than June 12, 2004 or the date as stated in 40 CFR 63.2860.
  - (2) Develop and implement a plan for demonstrating compliance in accordance with 40 CFR 63.2851.
  - (3) Develop a written startup, shutdown, and malfunction (SSM) plan in accordance with the provisions in 40 CFR 63.2852.
  - (4) Maintain all the necessary records used to demonstrate compliance with this subpart in accordance with 40 CFR 63.2862.
  - (5) Submit the following reports:
    - (A) Annual compliance certifications in accordance with 40 CFR 63.2861(a);
    - (B) Periodic SSM reports in accordance with 40 CFR 63.261(c); and
    - (C) Immediate SSM reports in accordance with 40 CFR 63.261(d).

- (6) Submit all notifications and reports and maintain all records required by the General Provisions for performance testing on the control device that destroys solvent.
- (b) A malfunction as defined in 40 CFR 63.2 is a sudden, infrequent, and not reasonably preventable failure of air pollution control equipment or process equipment to function in a usual manner. If the existing source experiences an unscheduled shutdown as a result of a malfunction, continues to operate during a malfunction (including the period reasonable necessary to correct the malfunction), or starts up after a shutdown resulting from a malfunction, then the source must meet the requirements associated with one of two compliance options. Routine or scheduled process startups and shutdowns resulting from, but not limited to, market demands, maintenance activities, and switching types of oilseed processed, are not startups or shutdowns resulting from a malfunction and, therefore do not qualify for this provision. Within 15 days of the beginning date of the malfunction, the source must choose to comply with one of the following options listed:
- (1) Normal operation. The source must meet all of the requirements listed in 40 CFR 63.2850(a) and (b).
  - (2) Malfunction period. Throughout the malfunction period, the source must meet all of the requirements listed in 40 CFR 63.2850(a) and Table 1 of 40 CFR 63.2850 for sources operating during a malfunction period. At the end of the malfunction period, the source must then meet all of the requirements of Table 1 of 40 CFR 63.2850 for sources under normal operation.

#### D.4.8 Compliance Plan [40 CFR Part 63, Subpart GGGG]

- (a) Pursuant to 40 CFR 63.2851, the source must develop and implement a written plan for demonstrating compliance that provides the detailed procedures the source will follow to monitor and record data necessary for demonstrating compliance with this subpart. Procedures followed for quantifying solvent loss from the source and amount of oilseed processed vary from source to source because of site-specific factors such as equipment design characteristics and operating conditions. Typical procedures include one or more accurate measurement methods such as weigh scales, volumetric displacement, and material mass balance. Because the industry does not have a uniform set of procedures, the source must develop and implement a site-specific plan for demonstrating compliance before the compliance date for the source. The source shall keep the plan on-site and readily available as long as the source is operational. If the owner makes any changes to the plan for demonstrating compliance, the previous versions of the plan must be kept and made readily available for inspection for at least 5 years after each revision. The plan for demonstrating compliance must include the following:
- (1) The name and address of the owner or operator;
  - (2) The physical address of the vegetable oil production process;
  - (3) A detailed description of all methods of measurement the source will use to determine solvent losses, HAP content of solvent, and the tons of each type of oilseed processed;
  - (4) When each measurement will be made;
  - (5) Examples of each calculation the source will use to determine compliance status. Include examples how to convert data measured with one parameter to the terms for use in compliance determination;
  - (6) Example logs of how data will be recorded; and

(7) A plan to ensure that the data continue to meet compliance demonstration needs.

- (b) IDEM, OAQ may require the source to revise the plan for demonstrating compliance. IDEM, OAQ may require reasonable revisions if the procedures lack detail, are inconsistent or do not accurately determine solvent loss, HAP content of the solvent, or the tons of oilseed processed.

#### D.4.9 Startup, Shutdown, and Malfunction Plan [40 CFR Part 63, Subpart GGGG]

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Pursuant to 40 CFR 63.2852, the source must develop a written SSM plan in accordance with 40 CFR 63.6(e)(3) and implement the plan, when applicable. The SSM plan must be completed before the compliance date for the source. The source must keep the SSM plan on-site and readily available as long as the source is operational. The SSM plan provides detailed procedures for operating and maintaining the source to minimize emissions during a qualifying SSM event for which the source chooses the 40 CFR 63.2580(e)(2) malfunction period, or the 40 CFR 63.2850(c)(2) or (d)(2) initial startup period. The SSM plan must specify a program of corrective action for malfunctioning process and air pollution control equipment and reflect the best practices now in use by the industry to minimize emissions. Some or all of the procedure may come from plans the source has developed for other purposes such as a Standard Operating Procedure manual or an Occupational Safety and Health Administration Process Safety Management plan. To qualify as a SSM plan, other such plans must meet all the applicable requirements of this NESHAP.

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

#### D.4.10 Monitoring

---

- (a) To document compliance with Condition D.4.1, the mineral oil absorption vent VOC (hexane) emission rate shall be determined daily by measuring the airflow rate and the concentration of hexane in the air stream. This concentration will be determined daily by measuring percent Lower Explosive Limit (LEL). If the air flow meter proves unreliable, airflow can be determined by calculations.
- (b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

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

#### D.4.11 Record Keeping Requirements

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- (a) To document compliance with Condition D.4.1, the Permittee shall maintain records of the hexane usage for the oil extraction facilities.
- (b) To document compliance with Condition D.4.2, the Permittee shall maintain a record showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.
- (c) To document compliance with Condition D.4.4 and 40 CFR Part 63, Subpart GGGG, the Permittee shall comply with the following:
- (1) The following information must be kept on-site and readily available as long as the source is operational:
- (A) Compliance Plan; and
- (B) Startup, Shutdown, and Malfunction Plan.
- (2) For the solvent inventory, the following information must be recorded in accordance with the source plan for demonstrating compliance:

- (A) Dates that define each operating status period during a calendar month;
  - (B) The operating status of the source such as normal operation, nonoperating, initial startup period, malfunction period, or exempt operation for each recorded time interval;
  - (C) The gallons of extraction solvent in the inventory on the beginning and ending dates of each normal operating period;
  - (D) The gallons of all extraction solvent received, purchased, and recovered during each calendar month;
  - (E) All extraction solvent inventory adjustments, additions or subtractions. The owner must document the reason for the adjustment and justify the quantity of the adjustment;
  - (F) The total solvent loss for each calendar month, regardless of the source operating status; and
  - (G) The actual solvent loss in gallons for each operating month.
- (3) For the weighted average volume fraction of HAP in the extraction solvent, the owner must record the following items:
- (A) The gallons of extraction solvent received in each delivery;
  - (B) The volume fraction of each HAP exceeding 1 percent by volume in each delivery of extraction solvent; and
  - (C) The weighted average volume fraction of HAP in extraction solvent received since the end of the last operating month as determined in accordance with 40 CFR 63.2854(b)(2).
- (4) For each type of listed oilseed processed, record the following items, in accordance with the source plan for demonstrating compliance:
- (A) The dates that define each operating period. The dates must be the same as the dates entered for the extraction solvent inventory.
  - (B) The operating status of the source such as normal operation, nonoperating, initial startup period, malfunction period, or exempt operation for each recorded time interval. On the log for each type of listed oilseed that is being processed during a normal operating period, the owner shall record which type of listed oilseed is being processed in addition to the source operating status.
  - (C) The oilseed inventory for the type of listed oilseed being processed on the beginning and ending dates of each normal operating period.
  - (D) The tons of each type of oilseed received at the affected source each normal operating period.
  - (E) All listed oilseed inventory adjustments, additions, or subtractions for normal operating periods. The owner must document the reason for adjustment and justify the quantity of the adjustment.

- (F) The tons of each type of listed oilseed processed during each operating month.
- (5) After the source has processed listed oilseed for 12 operating months, and is not operating during an initial startup period as described in 40 CFR 63.2850(c)(2) or (d)(2), or a malfunction period as described in 40 CFR 63.2850(e)(2), the following items must be recorded by the end of the calendar month following each operating month:
  - (A) The 12 operating months rolling sum of the actual solvent loss in gallons as described in 40 CFR 63.2853(c).
  - (B) The weighted average volume fraction of HAP in extraction solvent received for the previous 12 operating months as described in 40 CFR 63.2854(b)(3).
  - (C) The 12 operating months rolling sum of each type of listed oilseed processes at the affected source in tons as described in 40 CFR 6355(c).
  - (D) A determination of the compliance ratio. Using the values from 40 CFR 63.2853, 63.2854, 63.2855 and Table 1 of 40 CFR 63.2840, calculate the compliance ratio using equation 2 of 40 CFR 63.2840.
  - (E) A statement of whether the source is in compliance with all of the requirements of the subpart. This includes a determination of whether the source has met all of the applicable requirements of 40 CFR 63.2850.
- (6) For each SSM event subject to an initial startup period as described in 40 CFR 63.2850(c)(2) or (d)(2), or a malfunction period as described in 40 CFR 63.2850(e)(2), the following items shall be recorded by the end of the calendar month following each month in which the initial startup period or malfunction period occurred:
  - (A) A description and date of the SSM event, its duration, and reason it qualifies as an initial startup or malfunction;
  - (B) An estimate of the solvent loss in gallons for the duration of the initial startup or malfunction period with supporting documentation; and
  - (C) A checklist or other mechanism to indicate whether the SSM plan was followed during the initial startup or malfunction period.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.4.12 Reporting Requirements

---

- (a) A quarterly summary of the information to document compliance with Condition D.4.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) To document compliance with 40 CFR Part 63, Subpart GGGG, the Permittee must submit annual compliance certifications. The first annual compliance certification is due no later than 60 days after determining the initial 12 operating months compliance ratio. For an existing source, such as this source, the notification must be submitted no later

than 50 calendar months after the effective date of this subpart, April 12, 2001 or the date as stated in 40 CFR 63.2860. Each subsequent annual compliance certification is due 12 months after the previous annual compliance certification. The annual compliance certification provides the compliance status for each operating month during the 12 calendar months period ending 60 days or the time frame as stated in 40 CFR 63.2860 prior to the date on which the report is due. The annual certification shall include the following information:

- (1) The name and address of the owner or operator.
  - (2) The physical address of the vegetable oil production process.
  - (3) Each listed oilseed type processed during the 12 calendar months period covered by the report.
  - (4) Each HAP identified under 40 CFR 63.2854(a) as being present in concentrations greater than 1 percent by volume in each delivery of solvent received during the 12 calendar months period covered by the report.
  - (5) A statement designating the source as major source of HAP.
  - (6) A compliance certification to indicate whether the source was in compliance for each compliance determination made during the 12 calendar period covered by the report. For each such compliance determination, the source must include a certification of the following items:
    - (A) The source is following the procedures described in the plan for demonstrating compliance.
    - (B) The compliance ratio is less than or equal to 1.00.
- (c) To document compliance with 40 CFR Part 63, Subpart GGGG, the Permittee shall submit a deviation notification report for each compliance determination made in which the ratio exceeded 1.00 as determined under 40 CFR 63.2840(c). The report shall be submitted by the end of each month following the calendar month in which the deviation was determined. The deviation notification shall include the following:
- (1) The name and address of the owner or operator.
  - (2) The physical address of the vegetable oil production process.
  - (3) Each listed oilseed type processed during the 12 calendar months period for which a deviation was determined.
  - (4) The compliance ratio comprising the deviation. The owner may reduce the frequency of submittal of the deviation notification report if the IDEM, OAQ does not object as provided in 40 CFR 63.10(e)(3)(iii).
- (d) To document compliance with 40 CFR Part 63, Subpart GGGG, if the Permittee chooses to operate the source under an initial startup period subject to 40 CFR 63.2850(c)(2) or (d)(2) or a malfunction period subject to 40 CFR 63.2850(e)(2), the Permittee shall submit a periodic SSM report by the end of the calendar month following each month in which the initial startup period or malfunction period occurred. The periodic SSM report shall include the following:
- (1) The name, title, and signature of the source's responsible official who is certifying that the report accurately states all actions taken during the initial startup or malfunction period were consistent with the SSM plan.

- (2) A description of the events occurring during the time period, the date and duration of the events, and the reason the time interval qualifies as an initial startup period or malfunction period.
  - (3) An estimate of the solvent loss during the initial startup or malfunction period with supporting documentation.
- (e) To document compliance with 40 CFR Part 63, Subpart GGGG, if the Permittee handles a SSM during an initial startup period subject to 40 CFR 63.2850(c)(2) or (d)(2) or a malfunction period subject to 40 CFR 63.2850(e)(2) differently from procedures in the SSM plan, then the Permittee shall submit an immediate SSM report. Immediate SSM reports consist of a telephone call or facsimile transmission to the responsible agency within 2 working days after starting actions inconsistent with the SSM plan, followed by a letter within 7 working days after the end of the event. The letter shall include the following:
- (1) The name, title, and signature of the source's responsible official who is certifying that the accuracy of the report, an explanation of the event, and the reasons for not following the SSM plan.
  - (2) A description and date of the SSM event, its duration, and reason it qualifies as a SSM.
  - (3) An estimate of the solvent loss for the duration of the SSM event with supporting documentation.

The remainder of the page is left blank intentionally.

## SECTION D.5 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]:

- (uuu) One (1) natural gas fired grain dryer #1, identified as 16EL, constructed in 1986, using self-cleaning screens for PM control, and exhausting to stack 16EL;
- (vvv) The following soybean processing equipment, identified as 17EX2, modified in 1987, using a cyclone for PM control, and exhausting to stack 17EX:
- (1) One (1) flaking roll #8, constructed in 1981; and
  - (2) One (1) 'B' flake e/w drag, constructed in 1980.
- (www) Two (2) conditioners, identified as 31EX1 and 31EX2, constructed in 2002, and exhausting internally.

(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 2-7-5(1)]

#### D.5.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the affected facilities described in this section except when otherwise specified in 40 CFR Part 60, Subpart DD.

#### D.5.2 New Source Performance Standards (NSPS) Grain Elevators [326 IAC 12] [40 CFR Subpart DD 60.302]

Pursuant to 40 CFR Part 60, Subpart DD 60.302 is applicable to 16EL1 (#1 grain dryer) and 19EL1 (#2 grain dryer). However, pursuant to 40 CFR Part 60, Subpart DD 60.302(a) there are no applicable requirements for these column grain dryers because the column grain dryers have 0.083 inch diameter screen openings in the column plate, which is less than 0.094 inch diameter openings.

#### D.5.3 PSD Limit [326 IAC 2-2] [40 CFR 52.21]

Pursuant to CP001-4673-00005, issued May 10, 1996, the amount of soybean grains processed after the grain dryers shall be limited to less than 1,368,750 tons per twelve (12) consecutive month period. This limit, in combination with the limits in Conditions D.1.3 and D.2.2, restricts the net increases of PM and PM10 emissions to below the PSD thresholds and also satisfies the requirements of 326 IAC 6-3-2 (Process Operations). This limit is equivalent to limiting unit 17EX to less than 2.51 pounds per hour of PM and less than 1.52 pounds per hour of PM10. This will render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 not applicable.

#### D.5.4 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Operations), the particulate matter (PM) from the following units shall be limited by the following equation:

Unit	Description
16EL1	Grain Dryer #1
17EX2	Flaking Roll #8, 'B' Flake E/W Drag
31EX1	Conditioner
31EX2	Conditioner

The pounds 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:

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

and

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

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

The individual limitations are included in a IDEM, OAQ confidential file because the source considers the process weight weights confidential.

#### D.5.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

### Compliance Determination Requirements

#### D.5.6 Particulate Matter (PM)

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- (a) In order to comply with Conditions D.5.3 and D.5.4, the self-cleaning screens for PM control shall be in operation and control emissions from 16EL1 at all times that the process is in operation.
- (b) In order to comply with Conditions D.5.3 and D.5.4, the cyclones for PM control shall be in operation and control emissions from the listed facilities at all times that the facilities are in operation.

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

#### D.5.7 Visible Emissions Notations

---

- (a) Once per day visible emission notations of unit 16EL and 17EX stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. 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) The Compliance Response Plan for these processes shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

#### D.5.8 Self-Cleaning Screen Inspections

---

An inspection shall be performed once per year of all self-cleaning screens controlling the facilities when venting to the atmosphere. All defective screens shall be replaced.

#### D.5.9 Broken or Failed Screen Detection

---

In the event that bag failure has been observed:

- (a) For multi-compartment units, the affected compartments will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if there are no visible emissions or if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B- Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.
- (b) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

#### D.5.10 Cyclone Inspections

---

An inspection shall be performed once per year of all cyclones controlling the processes when venting to the atmosphere. Inspections are optional when venting to the indoors.

#### D.5.11 Cyclone Failure Detection

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In the event that cyclone failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

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

#### D.5.12 Record Keeping Requirements

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- (a) To document compliance with Condition D.5.3, the Permittee shall maintain records of the amount of soybean grains processed after the grain dryers. This records is the same record that is required in Conditions D.1.11(a) and D.2.11(a).
- (b) To document compliance with Condition D.5.7(a), the Permittee shall maintain records of once per day visible emission notations of the stack exhaust of unit 16EL and 17EX.
- (c) To document compliance with Conditions D.5.8 and D.5.10, the Permittee shall maintain records of the results of the inspections required under Conditions D.5.8 and D.5.10 and the dates the vents are redirected.
- (d) To document compliance with D.5.5, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.

Permit Reviewer: ERG/KC

- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.5.13 Reporting Requirements

---

A quarterly summary of the information to document compliance with Condition D.5.3 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). This is the same report as required by Conditions D.1.11 and D.2.12.

The remainder of the page is left blank intentionally.

## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

### PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Bunge North America  
Source Address: 1200 North 2<sup>nd</sup> Street, Decatur, Indiana 46733  
Mailing Address: P.O. Box 1002, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5610-00005

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

Please check what document is being certified:

Annual Compliance Certification Letter

Test Result (specify) \_\_\_\_\_

Report (specify) \_\_\_\_\_

Notification (specify) \_\_\_\_\_

Affidavit (specify) \_\_\_\_\_

Other (specify) \_\_\_\_\_

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE BRANCH  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251  
Phone: 317-233-5674  
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT  
EMERGENCY OCCURRENCE REPORT**

Source Name: Bunge North America  
Source Address: 1200 North 2<sup>nd</sup> Street, Decatur, Indiana 46733  
Mailing Address: P.O. Box 1002, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5610-00005

**This form consists of 2 pages**

**Page 1 of 2**

- |  |
|--|
| <p>9 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 317-233-5674, ask for Compliance Section); and</li><li>• The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), 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 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: \_\_\_\_\_

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: Bunge North America  
Source Address: 1200 North 2<sup>nd</sup> Street, Decatur, Indiana 46733  
Mailing Address: P.O. Box 1002, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5610-00005

Natural Gas Only Alternate Fuel burned From: _____ To: _____
--

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
Signature:
Printed Name:
Title/Position:
Phone:
Date:

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.

The remainder of the page is left blank intentionally.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

Source Name: Bunge North America  
Source Address: 1200 North 2<sup>nd</sup> Street, Decatur, Indiana 46733  
Mailing Address: P.O. Box 1002, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5610-00005  
Facility: Oil Extraction Facilities  
Parameter: Hexane Usage  
Limit: Less than 330,000 gallons per year

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

Month	Column 1	Column 2	Column 1 + Column
	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: \_\_\_\_\_

Attach a signed certification to complete this report.

# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE DATA SECTION

## Part 70 Quarterly Report

Source Name: Bunge North America  
Source Address: 1200 North 2<sup>nd</sup> Street, Decatur, Indiana 46733  
Mailing Address: P.O. Box 1002, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5610-00005  
Facility: Grain Processing Facilities  
Parameter: Soybean grain processed after the grain dryers  
Limit: Less than 1,368,750 tons per year

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

Month	Column 1	Column 2	Column 1 + Column
	Month This	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: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Bunge North America  
Source Address: 1200 North 2<sup>nd</sup> Street, Decatur, Indiana 46733  
Mailing Address: P.O. Box 1002, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5610-00005

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

Page 1 of 2

<p>This report is an affirmation that the source has met all the requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do 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>	
9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

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

Form Completed By: \_\_\_\_\_

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

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

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

Attach a signed certification to complete this report.

The remainder of the page is left blank intentionally.