INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: July 13, 2011

RE: Pioneer Hi-Bred International, Inc. / 099 - 30517 - 00029

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

Notice of Decision – Approval

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

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

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

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

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

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

Enclosures
FNPER-AM.dot12/3/07

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July 13, 2011

Mark Letsinger
Pioneer Hi-Bred International, Inc.
2300 Pioneer Drive
Plymouth, IN 46563

Re: 099-30517-00029
Second Administrative Amendment to
F099-27410-00029

Dear Mark Letsinger:

Pioneer Hi-Bred International, Inc. was issued a Federally Enforceable State Operating Permit (FESOP) No. F099-27410-00029 on April 28, 2009 for a stationary seed corn processing facility located at 2300 Pioneer Drive, Plymouth, Indiana 46563. On May 6, 2011, the Office of Air Quality (OAQ) received an application from the source requesting that the permit be updated to replace the existing 1,200 bushel per hour (bu/hr) seed treaters, identified as treater 1 and treater 2, with two new treaters rated at 1,000 bu/hr each. Pioneer will also install new belt conveyors and bucket elevators to connect the new equipment to the existing facility processes. The two new seed treaters and transfer equipment will be controlled by a new 18,500 cfm baghouse, identified as CD09. All new equipment installed as part of this project will be of the same type already permitted at the Plymouth facility. In addition, CD09 will also control the treater aspirator, which was formerly controlled by CD04. Also, Pioneer has requested that the "bulk loadout" identified in Section A.2 (m)(4) be updated to the "north and south bulk loadout". This change will a not alter the facility-wide PTE, debottlenecking and the same 326 IAC 6-3 limit currently listed in section D.1.1 for the bulk loadout will apply to each of the north and south bulk loadout.

Additionally, Pioneer will be installing a new Gardner Denver vacuum system to be used for general cleanup in the seed treating area (i.e., collecting spilled seed off the floor) and is assumed to have negligible emissions. This operation is considered to be a maintenance activity and is exempt from permitting pursuant to 326 IAC 2-1.1-3(e)(36)(A).

This project will not change the potential maximum throughput of the affected equipment, which is based on past actual grain received per year in accordance with U.S. EPA guidance[1]. As such, the proposed project will not result in an increase in the annual potential to emit (PTE) for the source. However, the new equipment will alter the hourly PTE for seed treater operations. Therefore, compliance with 326 IAC 6-3-2 particulate emission limitations is shown below. As shown, the uncontrolled potential particulate emissions remain below the allowable emissions rate for each process type, therefore Pioneer will not be subject to any new applicable requirements or permit terms and conditions as a result of this change.

Table 1. Particulate Emission Limitations

Emission Units	Maximum (bushels/hr) for each unit	Maximum Process Weight (tons/hour)[1] for each unit	326 IAC 6-3-2 Limit (lbs/hr) for each unit	Total Potential Particulate Emissions (lb/hour) for each unit
Seed Treaters (1 and 2)	1,000	28.0	38.23	1.71

[1] Maximum process weight calculated assuming 56 pounds per bushel.

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:

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

Pursuant to the provisions of 326 IAC 2-8-10, the permit is hereby administratively amended as follows with the deleted language as ~~strikeouts~~ and new language **bolded**.

...

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

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

...

(i) Headhouse and grain handling consisting of the following:

...

(5) Two (2) seed treaters, identified as treater No. 1 and treater No. 2, each used to apply seed treatment to seed corn, approved for construction in 2011, each with a maximum throughput of 1,000 bushels per hour, using a baghouse, identified as CD09, as a control, and exhausting indoors.

~~(5) One (1) drum style seed treater, identified as treater 1, used to apply seed treatment to seed corn, constructed in 1989, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD04, as a control, and exhausting indoors.~~

~~(6) One (1) continuous batch style seed treater, identified as treater 2, used to apply seed treatment to seed corn, constructed in 2004, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD04, as a control, and exhausting indoors.~~

~~(7)~~ **(6)** Enclosed transfer points, identified as enclosed, constructed in 1988, with a maximum throughput of 5,000 bushels per hour, using a baghouse, identified as CD05, as a control, and exhausting indoors.

~~(8)~~ **(7)** One (1) blending system, identified as blending, approved for construction in 2009, consisting of one (1) unloading station, two (2) blending surge bins, two (2) weigh belts, and a blended product elevator, with a maximum throughput of 2,000 bushels per hour, using a baghouse, identified as CD07, as a control, and exhausting indoors.

(j) Grain Cleaning consisting of the following:

...

(3) One (1) treater aspirator, identified as treater aspirator, used to clean seed corn prior to treatment, constructed in 1989, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as ~~CD04~~ **CD09**, as a control, **approved for construction in 2011,** and exhausting indoors.

...

(m) Grain loadout consisting of the following:

...

(4) ~~One (1)~~ **Two (2)** bulk truck loadouts, identified as **north and south** bulk loadout, used for loadout of untreated seed corn, constructed in 1989 with a maximum throughput of 1,600 bushels per hour **each**, with fugitive emissions exhausting to the atmosphere.

...

...

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

...

(i) Headhouse and grain handling consisting of the following:

...

(5) Two (2) seed treaters, identified as treater No. 1 and treater No. 2, each used to apply seed treatment to seed corn, approved for construction in 2011, each with a maximum throughput of 1,000 bushels per hour, using a baghouse, identified as CD09, as a control, and exhausting indoors.

~~(3) One (1) drum style seed treater, identified as treater 1, used to apply seed treatment to seed corn, constructed in 1989, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD04, as a control, and exhausting indoors.~~

~~(4) One (1) continuous batch style seed treater, identified as treater 2, used to apply seed treatment to seed corn, constructed in 2004, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD04, as a control, and exhausting indoors.~~

~~(5)~~**(6)** Enclosed transfer points, identified as enclosed, constructed in 1988, with a maximum throughput of 5,000 bushels per hour, using a baghouse, identified as CD05, as a control, and exhausting indoors.

~~(6)~~**(7)** One (1) blending system, identified as blending, approved for construction in 2009, consisting of one (1) unloading station, two (2) blending surge bins, two (2) weigh belts, and a blended product elevator, with a maximum throughput of 2,000 bushels per hour, using a baghouse, identified as CD07, as a control, and exhausting indoors.

...

(j) Grain Cleaning consisting of the following:

...

(3) One (1) treater aspirator, identified as treater aspirator, used to clean seed corn prior to treatment, constructed in 1989, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as ~~CD04~~ **CD09**, as a control, **approved for construction in 2011,** and exhausting indoors.

...

(m) Grain loadout consisting of the following:

...

(4) ~~One (1)~~ **Two (2)** bulk truck loadout**s**, identified as **north and south** bulk loadout, used for loadout of untreated seed corn, constructed in 1989 with a maximum throughput of 1,600 bushels per hour **each**, with fugitive emissions exhausting to the atmosphere.

...

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

...

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

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

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from each process shall be limited by one of the following:

...

Emissions Units	Maximum (bushels/hr) for each unit of that type	Maximum Process Weight (tons/hour)[1] for each unit of that type	326 IAC 6-3 Allowable Emission Rate (lbs/hr) for each unit of that type
Grain Dryers (1 through 5)	1,200	48.75	44.34
Dump Pits (1 and 2)	2,000	81.25	49.22
Bulk Dump Pit	3,000	84.00	49.54
Agra Dump Pit	3,000	84.00	49.54
Husking and Sorting Lines (1 and 2)	2,000	81.25	49.22
Corn Rework	1,200	33.60	40.96
~~Drum Style Seed Treater~~	~~1,200~~	~~33.60~~	~~40.96~~
~~Batch Seed Treater~~	~~1,200~~	~~33.60~~	~~40.96~~
Seed Treaters (1 and 2)	**1,000**	**28.0**	**38.23**
Enclosed Transfer Points	5,000	140.00	54.72
Blending System	2,000	56.00	45.64
Two (2) Sheller and Cleaners (north and south)	2,500	101.56	51.43
Aspirator	1,200	33.60	40.96
Treater Aspirator	1,200	33.60	40.96
Two (2) Packaging Areas (untreated and treated)	1,500	42.00	42.97
Silage Chopper Loadout	4,000	112.00	52.42
Cob Loadout	5,000	140.00	54.72
Discard Loadout	1,500	42.00	50.16
North and South Bulk Loadout	1,600	44.80	43.56
Agra Dump Loadout	3,000	84.00	48.54

[1]Maximum Process Weight (tons/hour) calculated assuming 81.25 pounds per bushel for all units handling corn still on the cob: Dump Pits (1 and 2), Husking and Sorting Lines (1 and 2), Grain Dryers (1 through 5), and Sheller and Cleaners (north and south). All other units handle shelled corn for which a conversion of 56 pounds per bushel is assumed.

...
...

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

A Preventive Maintenance Plan is required for the Grain Dryers (1 through 5), the two (2) seed treaters and the following control devices: CD01, CD02, CD03, CD04, CD05, CD06, CD07, ~~and~~ CD08, **and CD09**. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

...

...

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

~~(a)~~ **(i)** Headhouse and grain handling consisting of the following:

(5) Two (2) seed treaters, identified as treater No. 1 and treater No. 2, each used to apply seed treatment to seed corn, approved for construction in 2011, each with a maximum throughput of 1,000 bushels per hour, using a baghouse, identified as CD09, as a control, and exhausting indoors.

~~(1) One (1) drum style seed treater, identified as treater 1, used to apply seed treatment to seed corn, constructed in 1989, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD04 as a control, and exhausting indoors.~~

~~(2) One (1) continuous batch style seed treater, identified as treater 2, used to apply seed treatment to seed corn, constructed in 2004, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD04 as a control, and exhausting indoors.~~

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

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

D.2.1 VOC Limits [326 IAC 2-8][326 IAC 8-1-6]

(a) In order to render the requirements of 326 IAC 2-7 (Part 70 Permit Program) not applicable, the Permittee shall comply with the following:

The two (2) seed treaters, identified as **t**reater **No.** 1 and **t**reater **No.** 2, shall use less than 50.0 tons of VOC per twelve (12) consecutive month period, with compliance determined at the end of each month, including coatings, dilution solvents, and cleaning solvents.

Compliance with the above limit, combined VOC emissions from other emission units at the source, shall limit VOC emissions from the entire source to less than 100 tons per twelve (12) consecutive month period and render 326 IAC 2-7 not applicable.

(b) In order to render the requirements of 326 IAC 8-1-6 (New facilities; general reduction requirements) not applicable, the Permittee shall comply with the following:

~~The drum style seed treater, identified as~~ **T**reater **No.** 1~~,~~ shall use less than twenty-five (25) tons of VOC per twelve (12) consecutive month period, with compliance determined at the end of each month, including coatings, dilution solvents, and cleaning solvents. Compliance with this limit renders the provisions of 326 IAC 8-1-6 (New Facilities; VOC Reduction Requirements) not applicable.

~~The continuous batch style seed treater, identified as~~ **T**reater **No.** 2~~,~~ shall use less than twenty-five (25) tons of VOC per twelve (12) consecutive month period, with compliance determined at the end of each month, including coatings, dilution solvents, and cleaning solvents. Compliance with this limit renders the provisions of 326 IAC 8-1-6 (New Facilities; VOC Reduction Requirements) not applicable

...

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

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

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 Charles Sullivan, of my staff, at 317-232-8422 or 1-800-451-6027, and ask for extension 2-8422.

Sincerely,

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

Attachments: Updated Permit

ACD/cbs

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

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New Source Review and Federally Enforceable State Operating Permit
OFFICE OF AIR QUALITY

Pioneer Hi-Bred International, Inc.
2300 Pioneer Drive
Plymouth, Indiana 46563

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

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

Operation Permit No.: F099-27410-00029	
Issued by Original signed by: Alfred C. Dumaual, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: April 28, 2009 Expiration Date: April 28, 2014

First Administrative Amendment No. 099-28026-00029, issued June 15, 2009.
First Minor Permit Revision No.: 099-29535-00029, issued September 23, 2010.

Second Administrative Amendment No. 099-30517-00029	
Issued by: Alfred C. Dumaual Alfred C. Dumaual, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: July 13, 2011 Expiration Date: April 28, 2014

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SECTION A SOURCE SUMMARY

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

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

The Permittee owns and operates a stationary seed corn processing facility.

Source Address:	2300 Pioneer Drive, Plymouth, Indiana 46563
General Source Phone Number:	(574) 936-3243
SIC Code:	5153
County Location:	Marshall
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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

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

(a) One (1) natural gas-fired ear corn dryer, identified as dryer 1, constructed in 1988, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 1).

(b) One (1) natural gas-fired ear corn dryer, identified as dryer 2, constructed in 1988, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 2).

(c) One (1) natural gas-fired ear corn dryer, identified as dryer 3, constructed in 1988, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 3).

(d) One (1) natural-gas fired ear corn dryer, identified as dryer 4, constructed in 1993, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 4).

(e) One (1) natural-gas fired ear corn dryer, identified as dryer 5, approved for construction in 2009, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 5).

(f) Two (2) green corn dump pits, identified as dump pit north and dump pit south, constructed in 1988, each with a maximum throughput of 2,000 bushels per hour, with fugitive emissions exhausting to the atmosphere.

(g) One corn dump pit, identified as bulk dump pit, constructed in 1989, with a maximum throughput of 3,000 bushels per hour, using a baghouse, identified as CD05, as a control, and exhausting indoors.

(h) One corn dump pit, identified as agra dump pit, approved for construction in 2009, with a maximum throughput of 3,000 bushels per hour, using a baghouse, identified as CD08, as a control, and exhausting indoors.

(i) Headhouse and grain handling consisting of the following:

(1) Two (2) husking and sorting lines, each line containing nine (9) units, identified as sorting lines 1 and 2, constructed in 1988, each line with a maximum throughput of 2,000 bushels per hour, and exhausting indoors.

(2) One (1) bagged seed corn area, identified as corn rework, constructed in 1991, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD04, as a control, and exhausting indoors.

(3) Ten (10) precision sizers, identified as sizers 1 through 10, constructed in 1989, each with a maximum throughput of 100 bushels per hour, using a baghouse, identified as CD06, as a control, and exhausting indoors.

(4) Nine (9) gravity separators, identified as separators 1 through 9, used to remove damaged seed, constructed in 1989, each with a maximum throughput of 110 bushels per hour, using nine (9) baghouses, collectively identified as CD03, as controls, and exhausting indoors.

(5) Two (2) seed treaters, identified as treater No. 1 and treater No. 2, each used to apply seed treatment to seed corn, approved for construction in 2011, each with a maximum throughput of 1,000 bushels per hour, using a baghouse, identified as CD09, as a control, and exhausting indoors.

(6) Enclosed transfer points, identified as enclosed, constructed in 1988, with a maximum throughput of 5,000 bushels per hour, using a baghouse, identified as CD05, as a control, and exhausting indoors.

(7) One (1) blending system, identified as blending, approved for construction in 2009, consisting of one (1) unloading station, two (2) blending surge bins, two (2) weigh belts, and a blended product elevator, with a maximum throughput of 2,000 bushels per hour, using a baghouse, identified as CD07, as a control, and exhausting indoors.

(j) Grain Cleaning consisting of the following:

(1) Two (2) corn sheller and cleaner units, identified as sheller north and sheller south, constructed in 1988 with a maximum throughput of 2,500 bushels per hour, using two (2) baghouses, identified as CD01, as controls, and exhausting indoors.

(2) One (1) aspirator, identified as aspirator, used for seed corn cleaning, constructed in 1989, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD02, as a control, and exhausting indoors.

(3) One (1) treater aspirator, identified as treater aspirator, used to clean seed corn prior to treatment, constructed in 1989, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD09, as a control, approved for construction in 2011, and exhausting indoors.

(k) Grain Storage consisting of the following:

(1) Two (2) cob storage bins, identified as cob bin 1 and 2, constructed in 1988, each with a storage capacity of about 1,500 bushels, and exhausting indoors.

(2) One (1) discard bin, identified as discard bin, constructed in 1989, with a storage capacity of 1,500 bushels, and exhausting indoors.

(3) Sixteen (16) kernel size bins, identified as kernel bins 1 through 16, constructed in 1989, each with a storage capacity of 1,000 bushels of kernels, using a baghouse, identified as CD06, as a control, and exhausting indoors.

(4) Seven (7) treated corn packaging bins, identified as treated bins 1 through 7, constructed in 1989, four (4) with a storage capacity of 1,000 bushels of treated corn and three (3) with a storage capacity of 500 bushels of treated corn, using a baghouse, identified as CD04, as a control, and exhausting indoors.

(5) One (1) bulk storage building, identified as North Bulk Storage, constructed in 1989, with a maximum storage capacity of 370,000 bushels, using a baghouse, identified as CD08, as a control, exhausting to stack (SV bulk 1), and containing the following:

(A) Thirteen (13) storage bins, identified as Bins B-501 through B-512 and B-525, each with a storage capacity of 20,000 bushels.

(B) Ten (10) storage bins, identified as Bins B-513 through B-522, each with a storage capacity of 10,000 bushels.

(C) Two (2) storage bins, Bins B-523 and B-524, each with a storage capacity of 5,000 bushels.

(6) One (1) bulk storage building, identified as South Bulk Storage, constructed in 1989, with a maximum storage capacity of 370,000 bushels, using a baghouse, identified as CD08, as a control, exhausting to stack (SV bulk 1), and containing the following:

(A) Thirteen (13) storage bins, identified as Bins B-601 through B-612 and B-625, each with a storage capacity of 20,000 bushels.

(B) Ten (10) storage bins, identified as Bins B-613 through B-622, each with a storage capacity of 10,000 bushels.

(C) Two (2) storage bins, identified as Bins B-623 and B-624, each with a storage capacity of 5,000 bushels.

(7) One (1) bulk storage building, identified as Agra Bulk Storage, approved for construction in 2009, with a maximum storage capacity of 520,000 bushels, using a baghouse, identified as CD08, as a control, exhausting to stack (SV bulk 2), and containing the following:

(A) Twenty-six (26) storage bins, identified as Bins B-1 through B-13 and B-70 through B-82, each with a storage capacity of 10,000 bushels.

(B) Forty-eight (48) storage bins, identified as Bins B-16 through B-39 and B-44 through B-67, each with a storage capacity of 5,000 bushels.

(C) Eight (8) storage bins, identified as Bins B-14 and B-15, B-40 through 43 and B-68 and B-69, each with a storage capacity of 2,500 bushels.

(l) Grain packaging consisting of the following:

(1) Two (2) untreated/treated corn packaging areas, identified as untreated/treated corn packaging, constructed in 1989, each with a maximum throughput of 1,500 bushels of seed per hour, using a baghouse, identified as CD04, as a control, and exhausting indoors.

(m) Grain loadout consisting of the following:

(1) One (1) silage chopper loadout, identified as chopper loadout, used for chopping husk and rogue ears and loadout onto trucks, constructed in 1988, with a maximum throughput of 4,000 bushels per hour, with fugitive emissions exhausting to the atmosphere.

(2) One (1) cob loadout, identified as cob loadout, used for loadout of cob and bees wings from the sheller, constructed in 1988, with a maximum throughput of 5,000 bushels per hour, with fugitive emissions exhausting to the atmosphere.

(3) One (1) discard loadout, identified as discard loadout, used for loadout of damaged seeds, constructed in 1989, with a maximum throughput of 1,500 bushels per hour, with fugitive emissions exhausting to the atmosphere.

(4) Two (2) bulk truck loadouts, identified as north and south bulk loadout, used for loadout of untreated seed corn, constructed in 1989 with a maximum throughput of 1,600 bushels per hour each, with fugitive emissions exhausting to the atmosphere.

(5) One (1) bulk truck loadout, identified as Agra bulk loadout, used for loadout of untreated seed corn, approved for construction in 2009, with a maximum throughput of 3,000 bushels per hour, with fugitive emissions exhausting to the atmosphere.

(n) Fugitive emissions from unpaved and paved roads and parking lots.

A.3 FESOP Applicability [326 IAC 2-8-2]

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

SECTION B GENERAL CONDITIONS

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

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

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

(a) This permit, F099-27410-00029, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or

(b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-8-6][IC 13-17-12]

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

B.5 Severability [326 IAC 2-8-4(4)]

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

B.6 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

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

B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U.S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

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

(a) A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:

(1) it contains a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1), and

(2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.

(c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

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

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

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

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

(c) The annual compliance certification report shall include the following:

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

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

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

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

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

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

The Permittee shall implement the PMPs.

(b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, or Northern Regional Office within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Northern Regional Office phone: (574) 245-4870; fax: (574) 245-4877.

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

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

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

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.

(g) Operations may continue during an emergency only if the following conditions are met:

(1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

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

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

(a) All terms and conditions of permits established prior to F099-27410-00029 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised, or

(3) deleted.

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

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

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source’s existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

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

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

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

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

(b) A timely renewal application is one that is:

(1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

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

(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.

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

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

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

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

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

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d) without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any approval required by 326 IAC 2-8-11.1 has been obtained;

(3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

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

and

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

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

(5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b) through (d). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-8-15(b)(2), (c)(1), and (d).

(b) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).

(c) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.

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

B.19 Source Modification Requirement [326 IAC 2-8-11.1]

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

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

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

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

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

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

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

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

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

(a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

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

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

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

(a) The Permittee shall pay annual fees to IDEM, OAQ no later than thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

(b) Failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.23 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

C.2 Overall Source Limit [326 IAC 2-8]

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

(a) Pursuant to 326 IAC 2-8:

(1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.

(2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and

(3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

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

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

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

C.3 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

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

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

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

(f) Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

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

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

(a) For performance testing required by this permit, a test protocol, except as provided elsewhere in this permit, shall be submitted to:

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

C.10 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or of initial start-up, whichever is later, to begin such monitoring. If due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance or the date of initial startup, whichever is later, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

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

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

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.

(b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

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

C.12 Emergency Reduction Plans [326 IAC 1-5-2][326 IAC 1-5-3]

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

(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

(b) These ERPs shall be submitted for approval to:

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

no later than ninety (90) days after the date of issuance of this permit.

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

(c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

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

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

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

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

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

(a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:

(1) initial inspection and evaluation;

(2) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or

(3) any necessary follow-up actions to return operation to normal or usual manner of operation.

(c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:

(1) monitoring results;

(2) review of operation and maintenance procedures and records; and/or

(3) inspection of the control device, associated capture system, and the process.

(d) Failure to take reasonable response steps shall be considered a deviation from the permit.

(e) The Permittee shall record the reasonable response steps taken.

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

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.

(b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline.

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

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

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

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

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

(b) The address for report submittal is:

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

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(d) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

C.18 Compliance with 40 CFR 82 and 326 IAC 22-1

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

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) One (1) natural gas-fired ear corn dryer, identified as dryer 1, constructed in 1988, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 1).

(b) One (1) natural gas-fired ear corn dryer, identified as dryer 2, constructed in 1988, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 2).

(c) One (1) natural gas-fired ear corn dryer, identified as dryer 3, constructed in 1988, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 3).

(d) One (1) natural-gas fired ear corn dryer, identified as dryer 4, constructed in 1993, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 4).

(e) One (1) natural-gas fired ear corn dryer, identified as dryer 5, approved for construction in 2009, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 5).

(f) Two (2) green corn dump pits, identified as dump pit north and dump pit south, constructed in 1988, each with a maximum throughput of 2,000 bushels per hour, with fugitive emissions exhausting to the atmosphere.

(g) One corn dump pit, identified as bulk dump pit, constructed in 1989, with a maximum throughput of 3,000 bushels per hour, using a baghouse, identified as CD05, as a control, and exhausting indoors.

(h) One corn dump pit, identified as agra dump pit, approved for construction in 2009, with a maximum throughput of 3,000 bushels per hour, using a baghouse, identified as CD08, as a control, and exhausting indoors.

(i) Headhouse and grain handling consisting of the following:

(1) Two (2) husking and sorting lines, each line containing nine (9) units, identified as sorting lines 1 and 2, constructed in 1988, each line with a maximum throughput of 2,000 bushels per hour, and exhausting indoors.

(2) One (1) bagged seed corn area, identified as corn rework, constructed in 1991, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD04, as a control, and exhausting indoors.

(5) Two (2) seed treaters, identified as treater No. 1 and treater No. 2, each used to apply seed treatment to seed corn, approved for construction in 2011, each with a maximum throughput of 1,000 bushels per hour, using a baghouse, identified as CD09, as a control, and exhausting indoors.

(6) Enclosed transfer points, identified as enclosed, constructed in 1988, with a maximum throughput of 5,000 bushels per hour, using a baghouse, identified as CD05, as a control, and exhausting indoors.

(7) One (1) blending system, identified as blending, approved for construction in 2009, consisting of one (1) unloading station, two (2) blending surge bins, two (2) weigh belts, and a blended product elevator, with a maximum throughput of 2,000 bushels per hour, using a baghouse, identified as CD07, as a control, and exhausting indoors.

(j) Grain Cleaning consisting of the following:

(1) Two (2) corn sheller and cleaner units, identified as sheller north and sheller south, constructed in 1988 with a maximum throughput of 2,500 bushels per hour, using two (2) baghouses, identified as CD01, as controls, and exhausting indoors.

(2) One (1) aspirator, identified as aspirator, used for seed corn cleaning, constructed in 1989, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD02, as a control, and exhausting indoors.

(3) One (1) treater aspirator, identified as treater aspirator, used to clean seed corn prior to treatment, constructed in 1989, with a maximum throughput of 1,200 bushels per hour, using a baghouse, identified as CD09, as a control, approved for construction in 2011, and exhausting indoors.

(k) Grain packaging consisting of the following:

(1) Two (2) untreated/treated corn packaging areas, identified as untreated/treated corn packaging, constructed in 1989, each with a maximum throughput of 1,500 bushels of seed per hour, using a baghouse, identified as CD04, as a control, and exhausting indoors.

(m) Grain loadout consisting of the following:

(1) One (1) silage chopper loadout, identified as chopper loadout, used for chopping husk and rogue ears and loadout onto trucks, constructed in 1988, with a maximum throughput of 4,000 bushels per hour, with fugitive emissions exhausting to the atmosphere.

(2) One (1) cob loadout, identified as cob loadout, used for loadout of cob and bees wings from the sheller, constructed in 1988, with a maximum throughput of 5,000 bushels per hour, with fugitive emissions exhausting to the atmosphere.

(3) One (1) discard loadout, identified as discard loadout, used for loadout of damaged seeds, constructed in 1989, with a maximum throughput of 1,500 bushels per hour, with fugitive emissions exhausting to the atmosphere.

(4) Two (2) bulk truck loadouts, identified as north and south bulk loadout, used for loadout of untreated seed corn, constructed in 1989 with a maximum throughput of 1,600 bushels per hour each, with fugitive emissions exhausting to the atmosphere.

(5) One (1) bulk truck loadout, identified as Agra bulk loadout, used for loadout of untreated seed corn, approved for construction in 2009 with a maximum throughput of 3,000 bushels per hour, with fugitive emissions exhausting to the atmosphere.

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

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

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

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from each process shall be limited by one of the following:

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:

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

or

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:

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

Emissions Units	Maximum (bushels/hr) for each unit of that type	Maximum Process Weight (tons/hour)[1] for each unit of that type	326 IAC 6-3 Allowable Emission Rate (lbs/hr) for each unit of that type
Grain Dryers (1 through 5)	1,200	48.75	44.34
Dump Pits (1 and 2)	2,000	81.25	49.22
Bulk Dump Pit	3,000	84.00	49.54
Agra Dump Pit	3,000	84.00	49.54
Husking and Sorting Lines (1 and 2)	2,000	81.25	49.22
Corn Rework	1,200	33.60	40.96
Seed Treaters (1 and 2)	1,000	28.0	38.23
Enclosed Transfer Points	5,000	140.00	54.72
Blending System	2,000	56.00	45.64
Two (2) Sheller and Cleaners (north and south)	2,500	101.56	51.43
Aspirator	1,200	33.60	40.96
Treater Aspirator	1,200	33.60	40.96
Two (2) Packaging Areas (untreated and treated)	1,500	42.00	42.97
Silage Chopper Loadout	4,000	112.00	52.42
Cob Loadout	5,000	140.00	54.72
Discard Loadout	1,500	42.00	50.16
North and South Bulk Loadout	1,600	44.80	43.56
Agra Dump Loadout	3,000	84.00	48.54

[1]Maximum Process Weight (tons/hour) calculated assuming 81.25 pounds per bushel for all units handling corn still on the cob: Dump Pits (1 and 2), Husking and Sorting Lines (1 and 2), Grain Dryers (1 through 5), and Sheller and Cleaners (north and south). All other units handle shelled corn for which a conversion of 56 pounds per bushel is assumed.

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

A Preventive Maintenance Plan is required for the Grain Dryers (1 through 5), the two (2) seed treaters and the following control devices: CD01, CD02, CD03, CD04, CD05, CD06, CD07, CD08, and CD09. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.1.3 Particulate Control

(a) In order to comply with Condition D.1.1, the baghouse, identified as CD01, for particulate control shall be in operation and control emissions from the two (2) sheller and cleaners at all times the two (2) sheller and cleaners are in operation.

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

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(i) Headhouse and grain handling consisting of the following:

(5) Two (2) seed treaters, identified as treater No. 1 and treater No. 2, each used to apply seed treatment to seed corn, approved for construction in 2011, each with a maximum throughput of 1,000 bushels per hour, using a baghouse, identified as CD09, as a control, and exhausting indoors.

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

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

D.2.1 VOC Limits [326 IAC 2-8][326 IAC 8-1-6]

(a) In order to render the requirements of 326 IAC 2-7 (Part 70 Permit Program) not applicable, the Permittee shall comply with the following:

The two (2) seed treaters, identified as treater No. 1 and treater No. 2, shall use less than 50.0 tons of VOC per twelve (12) consecutive month period, with compliance determined at the end of each month, including coatings, dilution solvents, and cleaning solvents.

Compliance with the above limit, combined VOC emissions from other emission units at the source, shall limit VOC emissions from the entire source to less than 100 tons per twelve (12) consecutive month period and render 326 IAC 2-7 not applicable.

(b) In order to render the requirements of 326 IAC 8-1-6 (New facilities; general reduction requirements) not applicable, the Permittee shall comply with the following:

Treater No. 1 shall use less than twenty-five (25) tons of VOC per twelve (12) consecutive month period, with compliance determined at the end of each month, including coatings, dilution solvents, and cleaning solvents. Compliance with this limit renders the provisions of 326 IAC 8-1-6 (New Facilities; VOC Reduction Requirements) not applicable.

Treater No. 2 shall use less than twenty-five (25) tons of VOC per twelve (12) consecutive month period, with compliance determined at the end of each month, including coatings, dilution solvents, and cleaning solvents. Compliance with this limit renders the provisions of 326 IAC 8-1-6 (New Facilities; VOC Reduction Requirements) not applicable

Compliance Determination Requirements

D.2.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-2][326 IAC 8-1-4]

Compliance with the VOC usage limit contained in Condition D.2.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the “as supplied” and “as applied” VOC data sheets. IDEM, OAQ**,** reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

Record Keeping Requirements [326 IAC 2-5.1-3(e)(2)][326 IAC 2-6.1-5(a)(2)]

D.2.3 Record Keeping Requirements

(a) To document the compliance status with condition D.2.1, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC usage limit established in condition D.2.1.

(1) The VOC content of each coating material and solvent used.

(2) The amount of coating material and solvent used on a monthly basis. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.

(3) The total VOC usage for each month for each seed treater, and for both seed treaters combined.

(b) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

D.2.4 Reporting Requirements

A quarterly summary of the information to document the compliance status with condition D.2.1 shall be submitted using the reporting forms located at the end of this permit, or their equivalent, not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee’s obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an “authorized individual” as defined by 326 IAC 2-1.1-1(1).

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) One (1) natural gas fired ear corn dryer, identified as dryer 1, constructed in 1988, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 1).

(b) One (1) natural gas fired ear corn dryer, identified as dryer 2, constructed in 1988, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 2).

(c) One (1) natural gas fired ear corn dryer, identified as dryer 3, constructed in 1988, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 3).

(d) One (1) natural gas fired ear corn dryer, identified as dryer 4, constructed in 1993, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 4).

(e) One (1) natural gas fired ear corn dryer, identified as dryer 5, approved for construction in 2009, with a rated heat input capacity of 60 MMBtu per hour, with a maximum throughput of 1,200 bushels per hour, and exhausting to stack (SV dryer 5).

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

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

D.3.1 FESOP Limit [326 IAC 2-8]

In order to comply with the requirements of 326 IAC 2-8-4 (FESOP), the combined natural gas fuel usage for the five (5) natural gas fired ear corn dryers, identified as dryer 1 through dryer 5, shall be less than 885.6 million cubic feet per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with this limit shall limit the source-wide NO_X and CO emissions to less than 100 tons per 12 consecutive month period, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable.

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

D.3.2 Record Keeping Requirements

(a) To document the compliance status with Condition D.3.1, the Permittee shall maintain records in accordance with (1) through (2) below. Records maintained for (1) through (2) shall be taken monthly and shall be complete and sufficient to establish compliance with the fuel and process gas usage limits established in Condition D.3.1.

(1) Calendar dates covered in the compliance determination period;

(2) Actual natural gas usage per month for the five (5) natural gas fired ear corn dryers, identified as dryer 1 through dryer 5, since last compliance determination period;

(b) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

D.3.3 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.3.1 shall be submitted using the reporting forms located at the end of this permit, or their equivalent, not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) CERTIFICATION

Source Name: Pioneer Hi-Bred International, Inc.
Source Address: 2300 Pioneer Drive, Plymouth, Indiana 46563
FESOP Permit No.: F099-27410-00029

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

Please check what document is being certified:

☐ Annual Compliance Certification Letter

☐ Test Result (specify)_____

☐ Report (specify)_____

☐ Notification (specify)_____

☐ Affidavit (specify)_____

☐ Other (specify)_____

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

Signature:

Printed Name:

Title/Position:

Date:

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

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: (317) 233-0178
Fax: (317) 233-6865

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT

Source Name: Pioneer Hi-Bred International, Inc.
Source Address: 2300 Pioneer Drive, Plymouth, Indiana 46563
FESOP Permit No.: F099-27410-00029

This form consists of 2 pages **Page 1 of 2**

□ This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
- The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16

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_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by:_____

Title / Position:_____

Date:_____

Phone: _____

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

FESOP Quarterly Report

Source Name: Pioneer Hi-Bred International, Inc.
Source Address: 2300 Pioneer Drive, Plymouth, Indiana 46563
FESOP Permit No.: F099-27410-00029
Facility: Seed treater No. 1
Parameter: VOC Usage
Limit: Less than 25 tons per twelve consecutive month period.

YEAR:_____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

☐ No deviation occurred in this quarter.

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

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

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

FESOP Quarterly Report

Source Name: Pioneer Hi-Bred International, Inc.
Source Address: 2300 Pioneer Drive, Plymouth, Indiana 46563
FESOP Permit No.: F099-27410-00029
Facility: Seed treater No. 2
Parameter: VOC Usage
Limit: Less than 25 tons per twelve consecutive month period.

YEAR:_____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

☐ No deviation occurred in this quarter.

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

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

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

FESOP Quarterly Report

Source Name: Pioneer Hi-Bred International, Inc.
Source Address: 2300 Pioneer Drive, Plymouth, Indiana 46563
FESOP Permit No.: F099-27410-00029
Facility: Two (2) seed treaters, identified as treater No. 1 and treater No. 2
Parameter: VOC Usage
Limit: Less than 50 tons per twelve consecutive month period.

YEAR:_____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

☐ No deviation occurred in this quarter.

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

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

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

FESOP Quarterly Report

Source Name: Pioneer Hi-Bred International, Inc.
Source Address: 2300 Pioneer Drive, Plymouth, Indiana 46563
FESOP Permit No.: F099-27410-00029
Facility: Five (5) natural gas fired ear corn dryers (dryer 1 through dryer 5)
Parameter: Natural gas usage
Limit: Less than 885.6 million cubic feet per twelve (12) consecutive month period

YEAR:_____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

☐ No deviation occurred in this quarter.

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

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

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

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Pioneer Hi-Bred International, Inc.
Source Address: 2300 Pioneer Drive, Plymouth, Indiana 46563
FESOP Permit No.: F099-27410-00029

Months: _____ **to** _____ **Year:** _____

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements of this permit, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

□ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

□ 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:	

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

Form Completed by:_____

Title / Position:_____

Date:_____

Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

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

TO: Mark Letsinger
Pioneer Hi-Bred International, Inc.
2300 Pioneer Dr
Plymouth, IN 46563

DATE: July 13, 2011

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

SUBJECT: Final Decision
FESOP - Administrative Amendment
099 - 30517 - 00029

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

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

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

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

Mail Code 61-53

IDEM Staff	LPOGOST 7/13/2011 Pioneer Hi-Bred International, Inc. 099 - 30517 - 00029 /final)			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: **CERTIFICATE OF MAILING ONLY**	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee Remarks
1		Mark Letsinger Pioneer Hi-Bred International, Inc. 2300 Pioneer Dr Plymouth IN 46563 (Source CAATS) Via confirmed delivery									
2		Marshall County Commissioners 112 West Jefferson Street Plymouth IN 46563 *(Local Official)*									
3		Pymouth City Council and Mayors Office 124 N Michigan St Plymouth IN 46563 *(Local Official)*									
4		Marshall County Health Department 112 W Jefferson Street, Suite 103 Plymouth IN 46563-1764 *(Health Department)*									
5		Ms. Julie Grzesiak 1924 S. 1050 W. Russiaville IN 46979 *(Affected Party)*									
6		Mr. David Dempsey Trinity Consultants 201 N. Illinois St, 16th Flr. South Tower Indianapolis IN 46204 *(Consultant)*									
7		Mark Zeltwanger 26545 CR 52 Nappanee IN 46550 *(Affected Party)*									
8											
9											
10											
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15											

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