



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant
DATE: June 4, 2007
RE: Weaver Popcorn Company / 053-23130-00033
FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

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

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

Enclosures
FNPER.dot 03/23/06



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100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

Federally Enforceable State Operating Permit Renewal OFFICE OF AIR QUALITY

**Weaver Popcorn Company
408 West Landess Street
Van Buren, Indiana 46991**

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

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

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

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.: F053-23130-00033	
Issued by: <i>Original document signed by</i> Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: June 4, 2007 Expiration Date: June 4, 2012

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1, A.3 and A.4 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

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

The Permittee owns and operates a stationary grain elevator and popcorn processing source.

Source Address:	408 West Landess Street, Van Buren, Indiana 46991
Mailing Address:	P.O. Box 395, Van Buren, Indiana 46991
General Source Phone Number:	(765) 934-2101
SIC Code:	2099, 0723, and 2064
County Location:	Grant
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 Source Definition [326 IAC 2-8-1] [326 IAC 2-7-1(22)]

This popcorn processing company consists of two (2) plants:

- (a) Weaver Popcorn Company (Plant ID: 053-00033), a grain elevator and popcorn processing plant, located at 408 West Landess Street, Van Buren, Indiana 46991 (SIC: 2099, 0723, and 2064).
- (b) Weaver Contract Manufacturing, Inc. (Plant ID: 053-00061), a microwave popcorn manufacturing and packaging facility, located at 4943 North 900 East, Van Buren, Indiana 46991 (SIC: 2099).

These two (2) plants are considered a single source because they are owned by one (1) company, have the same SIC code, and are located on contiguous property.

A.3 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:

Units located in Weaver Popcorn Company (Plant ID: 053-00033):

- (a) One (1) grain elevator operation, identified as Unit 016, constructed in 1985, with a maximum throughput rate of 30 tons per hour, controlled by dust collectors DC1 and DC4, consisting of a grain receiving area, grain drying, internal operations including limited precleaning, closed top paddle drags, a distributor head, bin loading, and grain moving by truck.
- (b) Popcorn processing operations, consisting of:
 - (1) One (1) receiving area, identified as Unit 001, constructed in 1985, comprised of covered tanks with a total maximum storage capacity of 130 tons and a maximum throughput of 50 tons per hour, controlled by dust collector DC1, and exhausting to Stack 001.

- (2) Two (2) screening mills, identified as Unit 003, constructed in 1985, each with a maximum throughput of 35 tons per hour, controlled by dust collector DC4, and exhausting to Stack 009.
- (3) Four (4) gravity separators, identified as Unit 004 through 007, constructed in 1985, each with a maximum throughput of 10 tons per hour, controlled by dust collectors DC5, DC3, DC6, and DC8, respectively.
- (4) One (1) color sorter unit, identified as Unit 009, constructed in 1985, with a maximum throughput of 35 tons per hour, controlled by dust collector DC4, and exhausting to Stack 009.
- (5) One (1) holding tank area, identified as Unit 010, constructed in 1985, with a maximum throughput of 35 tons per hour, controlled by dust collector DC9, and exhausting to Stack 003.
- (6) One (1) tanker tanks area, identified as Unit 011, constructed in 1985, with a maximum throughput rate of 4 tons per hour. These enclosed tanks are used for storage and load tanker trucks via conveyor.
- (7) One (1) retail packaging area, identified as Unit 012, constructed in 1985, with a maximum throughput of 35 tons per hour, controlled by dust collector DC9, and exhausting to Stack 003.
- (8) One (1) microwave popcorn unit, identified as Unit 013, constructed in 1985, with a maximum throughput of 6.19 tons per hour, controlled by dust collector DC10, and exhausting to Stack 010.
- (9) One (1) caramel corn unit, identified as Unit 014, constructed in 1985, with a maximum throughput rate of 4.5 tons per hour, equipped with a natural gas-fired oven rated at 16.75 MMBtu/hr, controlled by dust collector DC11, and exhausting to Stack 011.
- (10) One (1) retail packaging system, identified as Unit 015, constructed in 1999, with a maximum throughput rate of 3.125 tons per hour, controlled by dust collector DC11, and exhausting to Stack 011.

Units located in Weaver Contract Manufacturing, Inc. (Plant ID: 053-00061):

- (c) One (1) microwave popcorn unit, identified as EU-001, constructed in 2005, with a maximum throughput rate of 12,375 pounds of popcorn per hour, controlled by dust collector DC-001, and exhausting through stack SV-001.

A.4 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities:

Units located in Weaver Popcorn Company (Plant ID: 053-00033):

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour, including the following:
 - (1) One (1) natural gas-fired oven, designated as Unit 014, with a maximum heat input capacity of 0.8 MMBtu/hr.

- (2) Natural gas-fired space heaters, with a total maximum heat input capacity less than 10 MMBtu/hr.
- (b) Storage tanks with a capacity less than or equal to 1,000 gallons and annual throughputs equal to or less than 12,000 gallons, including ground storage tanks, identified as Unit 071, for the storage of vegetable oils.
- (c) A gasoline fuel transfer dispensing operation handling less than or equal to 1,300 gallons per day and filling storage tanks having a capacity equal to or less than 10,500 gallons, including one (1) gasoline storage tank, identified as Unit 018, with a maximum capacity of 5,000 gallons.
- (d) A petroleum fuel other than gasoline dispensing facility, having a storage tank capacity less than or equal to 10,500 gallons, and dispensing 3,500 gallons per day or less: including one (1) diesel storage tank, identified as Unit 019, with a maximum capacity of 10,000 gallons.

Units located in Weaver Contract Manufacturing, Inc. (Plant ID: 053-00061):

- (e) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour, including the following:
 - (1) Eight (8) natural gas-fired roof mounted HVAC units, identified as RUT-1 through RUT-8, constructed in 2005, each with a maximum heat input capacity of 0.175 MMBtu/hr.
 - (2) Three (3) natural gas-fired indoor mounted HVAC units, identified as UH-1, UH-2, and UH-3, constructed in 2005, with maximum heat input capacities of 0.2, 0.28, and 0.08 MMBtu/hr.
 - (3) Four (4) natural gas-fired radiant heaters, identified as BNR-3 through BNR-6, constructed in 2005, each with a maximum heat input capacity of 0.06 MMBtu/hr.
- (f) Storage tanks with a capacity less than or equal to 1,000 gallons and annual throughputs equal to or less than 12,000 gallons, constructed in 2005, for storage of edible liquids, including, but not limited to, coconut and/or vegetable oil, butter, flavoring, and other edible liquids.

A.5 FESOP Applicability [326 IAC 2-8-2]

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

SECTION B GENERAL CONDITIONS

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

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

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

- (a) This permit, F053-23130-00033, 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]

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

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

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

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

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

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

- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

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

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an "authorized individual" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1)

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

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

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 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 the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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 maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

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

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality,
Compliance Section), or
Telephone Number: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865

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

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

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
- (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

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

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

- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

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

- (a) All terms and conditions of permits established prior to F053-23130-00033 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 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

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

The Quarterly Deviation and Compliance Monitoring Report does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

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

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

Request for renewal shall be submitted to:

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

- (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 in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]

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

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

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

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

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

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

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

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

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

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

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

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

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

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

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

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

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

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

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

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

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

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

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

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

(a) Pursuant to 326 IAC 2-8:

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

(b) The potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period. This limitation shall make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD) not applicable.

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

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

C.3 Opacity [326 IAC 5-1]

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

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

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A,

Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

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

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

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

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

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

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

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

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

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

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

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

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

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

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

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

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted

by IDEM, OAQ if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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

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

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

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

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

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

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60, Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

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

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

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

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

C.14 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

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

C.15 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records; and/or
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and
 - (3) corrective actions taken.

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

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

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

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

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

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

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

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

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

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

SECTION D.1 FACILITY OPERATION CONDITIONS – Grain Elevator and Popcorn Processing Operations

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

Units located in Weaver Popcorn Company (Plant ID: 053-00033):

- (a) One (1) grain elevator operation, identified as Unit 016, constructed in 1985, with a maximum throughput rate of 30 tons per hour, controlled by dust collectors DC1 and DC4, consisting of a grain receiving area, grain drying, internal operations including limited precleaning, closed top paddle drags, a distributor head, bin loading, and grain moving by truck.

Units located in Weaver Popcorn Company (Plant ID: 053-00033):

- (b) Popcorn processing operations, consisting of:
- (1) One (1) receiving area, identified as Unit 001, constructed in 1985, comprised of covered tanks with a total maximum storage capacity of 130 tons and a maximum throughput of 50 tons per hour, controlled by dust collector DC1, and exhausting to Stack 001.
 - (2) Two (2) screening mills, identified as Unit 003, constructed in 1985, each with a maximum throughput of 35 tons per hour, controlled by dust collector DC4, and exhausting to Stack 009.
 - (3) Four (4) gravity separators, identified as Unit 004 through 007, constructed in 1985, each with a maximum throughput of 10 tons per hour, controlled by dust collectors DC5, DC3, DC6, and DC8, respectively.
 - (4) One (1) color sorter unit, identified as Unit 009, constructed in 1985, with a maximum throughput of 35 tons per hour, controlled by dust collector DC4, and exhausting to Stack 009.
 - (5) One (1) holding tank area, identified as Unit 010, constructed in 1985, with a maximum throughput of 35 tons per hour, controlled by dust collector DC9, and exhausting to Stack 003.
 - (6) One (1) tanker tanks area, identified as Unit 011, constructed in 1985, with a maximum throughput rate of 4 tons per hour. These enclosed tanks are used for storage and load tanker trucks via conveyor.
 - (7) One (1) retail packaging area, identified as Unit 012, constructed in 1985, with a maximum throughput of 35 tons per hour, controlled by dust collector DC9, and exhausting to Stack 003.
 - (8) One (1) microwave popcorn unit, identified as Unit 013, constructed in 1985, with a maximum throughput of 6.19 tons per hour, controlled by dust collector DC10, and exhausting to Stack 010.
 - (9) One (1) caramel corn unit, identified as Unit 014, constructed in 1985, with a maximum throughput rate of 4.5 tons per hour, equipped with a natural gas-fired oven rated at 16.75 MMBtu/hr, controlled by dust collector DC11, and exhausting to Stack 011.
 - (10) One (1) retail packaging system, identified as Unit 015, constructed in 1999, with a maximum throughput rate of 3.125 tons per hour, controlled by dust collector DC11, and exhausting to Stack 011.

Units located in Weaver Contract Manufacturing, Inc. (Plant ID: 053-00061):

- (c) One (1) microwave popcorn unit, identified as EU-001, constructed in 2005, with a maximum throughput rate of 12,375 pounds of popcorn per hour, controlled by dust collector DC-001, and exhausting through stack SV-001.

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

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

D.1.1 PSD and Part 70 Minor Limits [326 IAC 2-2] [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4 (FESOP) and in order to render the requirements of 326 IAC 2-2 (PSD) not applicable, PM/PM10 emissions from the grain elevator and each of the units at the popcorn processing operations shall not exceed the following:

Unit ID	Unit Description	Control Device	PM/PM10 Emission Limit (lbs/hr)
Unit 001	Receiving Area	DC1	0.56
Unit 016	Grain Elevator		
Unit 003	Screening Mills	DC4	0.34
Unit 009	Color Sorter		
Unit 016	Grain Elevator		
Unit 004	Separator	DC5	0.38
Unit 005	Separator	DC3	0.43
Unit 006	Separator	DC6	0.39
Unit 007	Separator	DC8	0.38
Unit 010	Holding Tank	DC9	0.47
Unit 012	Retail Packaging Area		
Unit 011	Tanker Tanks Area	None	1.27
Unit 013	Microwave Popcorn Unit	DC10	0.09
Unit 014	Caramel Corn Unit	DC11	0.09
Unit 015	Retail Packaging Area		
EU-001	Microwave Popcorn Unit	DC-001	0.09

Combined with the PM/PM10 emissions from other existing units, the PM emissions from the entire source are limited to less than 250 tons per year and the PM10 emissions from the entire source are limited to less than 100 tons per year. Therefore, the requirement of 326 IAC 2-2 (PSD) and 326 IAC 2-7 (Part 70 Program) are not applicable.

D.1.2 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]

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

Unit ID	Unit Description	Max. Throughput Rate (tons/hr)	Particulate Emission Limit (lbs/hr)
Unit 016	Grain Elevator	30.0	40.0
Unit 001	Receiving Area	50.0	44.6
Unit 003	Screening Mills	35.0	41.3
Units 004 - 007	Separators	10.0	19.2
Unit 009	Color Sorter	35.0	41.3
Unit 010	Holding Tank	35.0	41.3
Unit 011	Tanker Tanks Area	4.00	10.4
Unit 012	Retail Packaging Area	35.0	41.3
Unit 013	Microwave Popcorn Unit	6.19	13.9
Unit 014	Caramel Corn Unit	4.50	11.2
Unit 015	Retail Packaging Area	3.13	8.81
EU-001	Microwave Popcorn Unit	6.19	13.9

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

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

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

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

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

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

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

Compliance Determination Requirements

D.1.4 Particulate Control

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

Unit ID	Unit Description	Dust Collector ID
Unit 001	Receiving Area	DC1
Unit 016	Grain Elevator	
Unit 003	Screening Mills	
Unit 009	Color Sorter	DC4
Unit 016	Grain Elevator	
Unit 004	Separator	DC5
Unit 005	Separator	DC3
Unit 006	Separator	DC6
Unit 007	Separator	DC8
Unit 010	Holding Tank	DC9
Unit 012	Retail Packaging Area	
Unit 013	Microwave Popcorn Unit	DC10
Unit 014	Caramel Corn Unit	DC11
Unit 015	Retail Packaging Area	
EU-001	Microwave Popcorn Unit	DC-001

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

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

In order to demonstrate compliance with Conditions D.1.1 and D.1.2, the Permittee shall perform PM and PM10 testing for dust collectors listed in the table below within 180 days after issuance of this permit, utilizing methods as approved by the Commissioner. PM-10 includes filterable and condensable PM-10. Testing shall be conducted in accordance with Section C - Performance Testing.

Unit ID	Unit Description	Dust Collector ID
Unit 001	Receiving Area	DC1
Unit 016	Grain Elevator	
Unit 003	Screening Mills	DC4
Unit 009	Color Sorter	
Unit 016	Grain Elevator	
One of Units 004-007	One of the Separators	One of DC3, DC5, DC6, or DC8
Unit 010	Holding Tank	DC9
Unit 012	Retail Packaging Area	
Unit 013 or EU-001	Microwave Popcorn Unit	DC10 or DC-001

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

D.1.6 Visible Emissions Notations

- (a) Visible emission notations of the stack exhausts from dust collectors DC1, DC3 through DC6, DC8 through DC11, and DC-001 shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.1.7 Parametric Monitoring

The Permittee shall record the pressure drop across the dust collectors DC1, DC3 through DC6, DC8 through DC11, and DC-001 used in conjunction with the popcorn processing operations, at least once per day when these units are in operation. When for any one reading, the pressure drop across the dust collectors is outside the normal range of 3.0 to 6.0 inches of water or a

range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

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

D.1.8 Broken or Failed Bag Detection

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

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

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

D.1.9 Record Keeping Requirements

- (a) To document compliance with Condition D.1.6, the Permittee shall maintain records of daily visible emission notations of the dust collector stack exhausts. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).
- (b) To document compliance with Condition D.1.7, the Permittee shall maintain daily records of the pressure drop. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

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

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

Source Name: Weaver Popcorn Company
Source Address: 408 West Landess Street, Van Buren, Indiana 46991
Mailing Address: P.O. Box 395, Van Buren, Indiana 46991
FESOP Permit No.: F053-23130-00033

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 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: Weaver Popcorn Company
Source Address: 408 West Landess Street, Van Buren, Indiana 46991
Mailing Address: P.O. Box 395, Van Buren, Indiana 46991
FESOP Permit No.: F053-23130-00033

This form consists of 2 pages

Page 1 of 2

- | |
|---|
| <input type="checkbox"/> This is an emergency as defined in 326 IAC 2-7-1(12) <ul style="list-style-type: none">• 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: _____

A certification is not required for this report.

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

Source Name: Weaver Popcorn Company
 Source Address: 408 West Landess Street, Van Buren, Indiana 46991
 Mailing Address: P.O. Box 395, Van Buren, Indiana 46991
 FESOP Permit No.: F053-23130-00033

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

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

Attach a signed certification to complete this report.

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

**Addendum to the Technical Support Document
for a Federally Enforceable State Operating Permit (FESOP) Renewal**

Source Background and Description

Source Name:	Weaver Popcorn Company
Source Location:	408 West Landess Street, Van Buren Indiana 46991
County:	Grant
SIC Code:	2099, 0723, and 2064
Operation Permit No.:	F053-14282-00033
Operation Permit Issuance Date:	December 12, 2001
Permit Renewal No.:	F053-23130-00033
Permit Reviewer:	ERG/YC

On March 29, 2007, the Office of Air Quality (OAQ) had a notice published in the Marion Chronicle Tribune, Marion, Indiana, stating that Weaver Popcorn Company had applied for a Federally Enforceable State Operating Permit (FESOP) Renewal to operate a stationary grain elevator and popcorn processing source. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On April 25, 2007, Mr. Edward Embry and Mrs. Linda Embry, the residents in Van Buren, Indiana, submitted comments on the proposed FESOP renewal. On May 1 and May 4, 2007, Weaver Popcorn Company (referred to as "Permittee") submitted comments on the proposed FESOP renewal. The summary of the comments is as follows.

Comment 1:

Mr. and Mrs. Embry asked how Weaver Popcorn plans to regulate the air coming into their facility with the very real probability of 9,000 hogs being housed 1.45 mile northwest of their processing plant. Mr. and Mrs. Embry have concerns about the spread of the toxic hog manure from the hog house. They stated that the air filled with the odor of hog will leach into the cardboard, chocolate, oil, and the drying process of the corn at Weaver Popcorn. Mr. and Mrs. Embry asked if Weaver Popcorn is prepared for possible recalls of their product.

Response to Comment 1:

There are no Local, State, or Federal rules relative to air permits which address odors. Therefore, IDEM has no authority to regulate odor from any plant. The comments from Mr. and Mrs. Embry have been forwarded to Weaver Popcorn Company. The general public may contact Mr. Chris Williams at Weaver Popcorn Company at (765) 934-2101, extension 5335 regarding any questions on the products manufactured at their plant. No change has been made in the air permit as a result of this permit.

Comment 2:

In an e-mail received on May 1, 2007, the Permittee stated that the existing grain elevator, which was described as an uncontrolled unit in the draft permit, actually vents to the existing dust collectors (identified as DC1 and DC4). These dust collectors are currently used to control the existing popcorn processing operations (Units 001, 003, and 009).

Response to Comment 2:

For clarification purposes, Condition A.3 and the description box of Section D.1 have been revised to state that the grain elevator is controlled by dust collectors DC1 and DC4. Since the monitoring and record keeping requirements for dust collectors DC1 and DC4 have been included in Section D.2 of the permit, Condition D.1.4 has been revised to specify that the Permittee shall comply with the monitoring and record keeping requirements in Section D.2 for dust collectors DC1 and DC4.

The PM/PM10 emission limits specified in Condition D.2.1 for dust collectors DC1 and DC4 in the draft permit did not include the emissions from the grain elevator. Since the existing grain elevator also vents to dust collectors D1 and D4, the emission limits for dust collectors D1 and D4 in Condition D.2.1 must be adjusted. According to page 1 of Appendix A of the Technical Support Document (TSD), the uncontrolled potential to emit PM/PM10 of the grain elevator was calculated as 75.2 tons per year. The controlled PM/PM10 emissions from the grain elevator could be estimated to be the following:

$$75.2 \text{ tons/yr} \times (1-99\% \text{ Control Efficiency}) \times 2000 \text{ lbs/ton} / 8,760 \text{ (hours/yr)} = 0.17 \text{ lbs/hr}$$

Therefore, the PM/PM10 emission limits for dust collectors DC1 and DC4 (Condition D.2.1) should be adjusted as follows to include the particulate emissions from the grain elevator:

Control Device	PM/PM10 Emission Limit (lbs/hr)
DC1	0.30 0.56
DC4	0.47 0.34

With the revised PM/PM10 emission limits, the limited potential to emit from the entire source increases by 1.49 tons per year (i.e., 0.17 lbs/hr x 2 dust collectors x 8,760 hrs/yr x 1 ton/2000 lbs = 1.49 tons/yr). The potential to emit table in the "Potential to Emit After Issuance" section in the TSD should be revised as follows:

Process/Facility	Potential to Emit After Issuance (tons/year)						
	PM	PM ₁₀	SO ₂	VOC	CO	NO _x	HAPs
Grain Elevator	Less than 63.7 63.7	Less than 20.4 20.4	-	-	-	-	-
Grain Elevator and Popcorn Processing Operation	Less than 48.2 19.7	Less than 18.2 19.7	0.04	0.40	6.04	7.19	Negligible
NG Fired Combustion Units (Insignificant)	0.11	0.42	0.03	0.31	4.69	5.58	Negligible
Other Insignificant Activities	-	-	-	Less than 1.0	-	-	Negligible
Total Emissions	Less than 82.0 19.8	Less than 39.0 20.1	0.07	Less than 1.71	10.7	12.8	Negligible
Part 70 Program Thresholds	NA	100	100	100	100	100	10 for a single HAP and 25 for total HAPs

However, no changes have been made to the TSD because the OAQ prefers that the TSD reflect the permit that was on public notice. Changes to the permit or technical support material that occur after the public notice are documented in this Addendum to the TSD. This accomplishes the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision.

According to the total PTE table above, this source still remains a FESOP and PSD minor source after adjusting the emission limits for dust collectors DC1 and DC4. Since the grain elevator is controlled by dust collectors DC1 and DC4, the requirements in Section D.1 have been merged to Section D.2 and the conditions in Section D.2 have been renumbered. In addition, the throughput limit for the grain elevator is not necessary since the grain elevator is controlled by dust collectors. Therefore, the throughput limit in Condition D.1.1(b) and the corresponding reporting form have been removed from the permit. In addition, Conditions D.2.9(a) and (b) have been revised to further clarify the daily record keeping requirements.

The permit has been revised as follows to address the above changes:

A.3 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:

Units located in Weaver Popcorn Company (Plant ID: 053-00033):

- (a) One (1) grain elevator operation, identified as Unit 016, constructed in 1985, with a maximum throughput rate of 30 tons per hour, **controlled by dust collectors DC1 and DC4**, consisting of a grain receiving area, grain drying, internal operations including limited precleaning, closed top paddle drags, a distributor head, bin loading, and grain moving by truck.

...

SECTION D.1 FACILITY OPERATION CONDITIONS – Grain Elevator

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

Units located in Weaver Popcorn Company (Plant ID: 053-00033):

(a) One (1) grain elevator operation, identified as Unit 016, constructed in 1985, with a maximum throughput rate of 30 tons per hour, consisting of a grain receiving area, grain drying, internal operations including limited precleaning, closed top paddle drags, a distributor head, bin loading, and grain moving by truck.

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

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

D.1.1 PM and PM10 Emissions [326 IAC 2-2] [326 IAC 2-8-4]

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

(a) PM/PM10 emissions from each of the operations at the grain elevator (Unit 016) shall not exceed the emission limits listed in the table below:

Unit Description	PM Emission Limit (lbs/ton)	PM10 Emission Limit (lbs/ton)
Grain Receiving - Truck	0.180	0.0590
Grain Drying (Column Dryer)	0.220	0.0550
Internal Operations	0.064	0.0340
Bin Loading	0.025	0.0063
Grain Shipping - Truck	0.086	0.0290

(b) The total grain received shall not exceed 222,796 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

Combined with the PM/PM10 emissions from other emission units, the PM/PM10 emissions from the entire source are limited to less than 100 tons/yr. Therefore, the requirements of 326 IAC 2-7 (Part 70 Program) and 326 IAC 2-2 (PSD) are not applicable.

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

Pursuant to 326 IAC 6-3-2, particulate emissions from each of the operations of the grain elevator (Unit 016) shall not exceed 40.0 pounds per hour when operating at the maximum process rate of 30 tons per hour.

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

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

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

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

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

Compliance Determination Requirements

D.1.4 Visible Emissions Notations

(a) Visible emission notations of the grain elevator exhausts shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

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

D.1.5 Record Keeping Requirements

- (a) ~~To document compliance with Condition D.1.1(b), the Permittee shall maintain monthly records of the total amount of grain received.~~
- (b) ~~To document compliance with Condition D.1.4, the Permittee shall maintain records of daily visible emission notations of the grain elevator stack exhausts or maintain a record of the reason why the visible emission notations were not taken.~~
- (c) ~~All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.~~

D.1.7 Reporting Requirements

~~A quarterly summary of the information to document compliance with Condition D.1.1(b) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

SECTION D.2D.1 FACILITY OPERATION CONDITIONS – Grain Elevator and Popcorn Processing Operations

<p>Facility Description [326 IAC 2-8-4(10)] – Grain Receiving and Handling Processes:</p> <p>Units located in Weaver Popcorn Company (Plant ID: 053-00033):</p> <ul style="list-style-type: none">(a) One (1) grain elevator operation, identified as Unit 016, constructed in 1985, with a maximum throughput rate of 30 tons per hour, controlled by dust collectors DC1 and DC4, consisting of a grain receiving area, grain drying, internal operations including limited precleaning, closed top paddle drags, a distributor head, bin loading, and grain moving by truck. <p>Units located in Weaver Popcorn Company (Plant ID: 053-00033):</p> <ul style="list-style-type: none">(b) . . .

Units located in Weaver Contract Manufacturing, Inc. (Plant ID: 053-00061):

(c) ...

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

D.2-11.1 PM and PM10 Emissions PSD and Part 70 Minor Limits [326 IAC 2-2] [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4 (FESOP) and in order to render the requirements of 326 IAC 2-2 (PSD) not applicable, PM/PM10 emissions from **the grain elevator and** each of the units at the popcorn processing operations shall not exceed the following:

Unit ID	Unit Description	Control Device	PM/PM10 Emission Limit (lbs/hr)
Unit 001	Receiving Area	DC1	0.39
Unit 016	Grain Elevator		0.56
Unit 003	Screening Mills	DC4	0.17
Unit 009	Color Sorter		0.34
Unit 016	Grain Elevator		
Unit 004	Separator	DC5	0.38
Unit 005	Separator	DC3	0.43
Unit 006	Separator	DC6	0.39
Unit 007	Separator	DC8	0.38
Unit 010	Holding Tank	DC9	0.47
Unit 012	Retail Packaging Area		
Unit 011	Tanker Tanks Area	None	1.27
Unit 013	Microwave Popcorn Unit	DC10	0.09
Unit 014	Caramel Corn Unit	DC11	0.09
Unit 015	Retail Packaging Area		
EU-001	Microwave Popcorn Unit	DC-001	0.09

...

D.2-2 1.2 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]

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

Unit ID	Unit Description	Max. Throughput Rate (tons/hr)	Particulate Emission Limit (lbs/hr)
Unit 016	Grain Elevator	30.0	40.0
Unit 001	Receiving Area	50.0	44.6
Unit 003	Screening Mills	35.0	41.3
Units 004 - 007	Separators	10.0	19.2
Unit 009	Color Sorter	35.0	41.3
Unit 010	Holding Tank	35.0	41.3
Unit 011	Tanker Tanks Area	4.00	10.4
Unit 012	Retail Packaging Area	35.0	41.3
Unit 013	Microwave Popcorn Unit	6.19	13.9
Unit 014	Caramel Corn Unit	4.50	11.2
Unit 015	Retail Packaging Area	3.13	8.81
EU-001	Microwave Popcorn Unit	6.19	13.9

...

D.2-3 1.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

D.2-4 1.4 Particulate Control

- (a) In order to comply with Conditions ~~D.2.4~~**1.1** and ~~D.2.2~~**1.2**, each of the following emission units shall be controlled by the associated dust collector, as listed in the table below, when these units are in operation:

Unit ID	Unit Description	Dust Collector ID
Unit 001	Receiving Area	DC1
Unit 016	Grain Elevator	
Unit 003	Screening Mills	DC4
Unit 009	Color Sorter	
Unit 016	Grain Elevator	
Unit 004	Separator	DC5
Unit 005	Separator	DC3
Unit 006	Separator	DC6
Unit 007	Separator	DC8
Unit 010	Holding Tank	DC9
Unit 012	Retail Packaging Area	
Unit 013	Microwave Popcorn Unit	DC10
Unit 014	Caramel Corn Unit	DC11
Unit 015	Retail Packaging Area	
EU-001	Microwave Popcorn Unit	DC-001

...

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

In order to demonstrate compliance with Conditions ~~D.2.4~~ and ~~D.2.2~~ **D.1.1 and D.1.2**, the Permittee shall perform PM and PM10 testing for dust collectors listed in the table below within 180 days after issuance of this permit, utilizing methods as approved by the Commissioner. PM-10 includes filterable and condensible PM-10. Testing shall be conducted in accordance with Section C - Performance Testing.

Unit ID	Unit Description	Dust Collector ID
Unit 001	Receiving Area	DC1
Unit 016	Grain Elevator	
Unit 003	Screening Mills	DC4
Unit 009	Color Sorter	
Unit 016	Grain Elevator	
One of Units 004-007	One of the Separators	One of DC3, DC5, DC6, or DC8
Unit 010	Holding Tank	DC9
Unit 012	Retail Packaging Area	
Unit 013 or EU-001	Microwave Popcorn Unit	DC10 or DC-001

D.2-6 1.6 Visible Emissions Notations

- (a) Visible emission notations of the ~~dust collector~~ stack exhausts **from dust collectors DC1, DC3 through DC6, DC8 through DC11, and DC-001** shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

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D.2-7-1.7 Parametric Monitoring

D.2-8 1.8 Broken or Failed Bag Detection

D.2-9 1.9 Record Keeping Requirements

- (a) To document compliance with Condition ~~D.2-6~~ **1.6**, the Permittee shall maintain records of daily visible emission notations of the dust collector stack exhausts ~~or maintain a record of the reason why the visible emission notations were not taken~~. **The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).**
- (b) To document compliance with Condition ~~D.2-7~~ **1.7**, the Permittee shall maintain daily records of the pressure drop ~~during normal operation or maintain a record of the reason why the pressure drop was not taken~~. **The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).**

...

Upon further review, the OAQ has decided to make the following revisions to the permit (Bolded language has been added while language with a line through it has been deleted):

1. The specific mail codes (MC) for each of the IDEM branches has been added to improve mail delivery, as follows:

Permits Branch: **MC 61-53 IGCN 1003**

Compliance Branch: **MC 61-53 IGCN 1003**

Asbestos Section: **MC 61-52 IGCN 1003**

Technical Support and Modeling: **MC 61-50 IGCN 1003**

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

Technical Support Document (TSD) for a
Federally Enforceable State Operating Permit (FESOP) Renewal

Source Background and Description

Source Name:	Weaver Popcorn Company
Source Location:	408 West Landess Street, Van Buren, Indiana 46991
County:	Grant
SIC Code:	2099, 0723, and 2064
Operation Permit No.:	F053-14282-00033
Operation Permit Issuance Date:	December 12, 2001
Permit Renewal No.:	F053-23130-00033
Permit Reviewer:	ERG/YC

The Office of Air Quality (OAQ) has reviewed a FESOP renewal application from Weaver Popcorn Company, relating to the operation of a grain elevator and popcorn processing plant. Weaver Popcorn Company was issued FESOP 053-14282-00033 on December 12, 2001.

Source Definition

The following two (2) popcorn production company plants are located in Van Buren, Indiana:

- (a) Weaver Popcorn Company (Plant ID: 053-00033), a grain elevator and popcorn processing plant, located at 408 West Landess Street, Van Buren, Indiana 46991 (SIC: 2099, 0723, and 2064).
- (b) Weaver Contract Manufacturing, Inc. (Plant ID: 053-00061), a microwave popcorn manufacturing and packaging facility, located at 4943 North 900 East, Van Buren, Indiana 46991 (SIC: 2099).

IDEM, OAQ examined whether these two (2) plants should be considered one "major source" as defined at 326 IAC 2-7-1(22). In order for these two plants to be considered one major source, they must meet all three of the following criteria:

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

The two (2) plants are both owned by Michael E. Weaver, therefore common ownership exists. The plants have the same two-digit Standard Industrial Classification (SIC) Code, 20, for Miscellaneous Food Preparations. In addition, the Weaver Popcorn Company plant (Plant ID: 053-00033) sends about 17% of its output to the Weaver Contract Manufacturing plant (Plant ID: 053-00061). Although the plants have separate addresses, they are located on the same property, connected by a private road.

IDEM, OAQ finds that Weaver Popcorn Company plant and Weaver Contract Manufacturing plant meet the criteria of 326 IAC 2-7-1 (22) and should be considered as one (1) single source. The plant ID of 053-00033 will be used for the combined source.

Permitted Emission Units and Pollution Control Equipment

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

Units located in Weaver Popcorn Company (Plant ID: 053-00033):

- (a) One (1) grain elevator operation, identified as Unit 016, constructed in 1985, with a maximum throughput rate of 30 tons per hour, consisting of a grain receiving area, grain drying, internal operations including limited precleaning, closed top paddle drags, a distributor head, bin loading, and grain moving by truck.
- (b) Popcorn processing operations, consisting of:
 - (1) One (1) receiving area, identified as Unit 001, constructed in 1985, comprised of covered tanks with a total maximum storage capacity of 130 tons and a maximum throughput of 50 tons per hour, controlled by dust collector DC1, and exhausting to Stack 001.
 - (2) Two (2) screening mills, identified as Unit 003, constructed in 1985, each with a maximum throughput of 35 tons per hour, controlled by dust collector DC4, and exhausting to Stack 009.
 - (3) Four (4) gravity separators, identified as Unit 004 through 007, constructed in 1985, each with a maximum throughput of 10 tons per hour, controlled by dust collectors DC5, DC3, DC6, and DC8, respectively.
 - (4)* One (1) small destoner machine, identified as Unit 008, constructed in 1985, with a maximum throughput of 1 ton per hour, controlled by dust collector DC7, and exhausting to Stack 008.
 - (5) One (1) color sorter unit, identified as Unit 009, constructed in 1985, with a maximum throughput of 35 tons per hour, controlled by dust collector DC4, and exhausting to Stack 009.
 - (6) One (1) holding tank area, identified as Unit 010, constructed in 1985, with a maximum throughput of 35 tons per hour, controlled by dust collector DC9, and exhausting to Stack 003.
 - (7) One (1) tanker tanks area, identified as Unit 011, constructed in 1985, with a maximum throughput rate of 4 tons per hour. These enclosed tanks are used for storage and load tanker trucks via conveyor.
 - (8) One (1) retail packaging area, identified as Unit 012, constructed in 1985, with a maximum throughput of 35 tons per hour, controlled by dust collector DC9, and exhausting to Stack 003.
 - (9) One (1) microwave popcorn unit, identified as Unit 013, constructed in 1985, with a maximum throughput of 6.19 tons per hour, controlled by dust collector DC10, and exhausting to Stack 010.
 - (10) One (1) caramel corn unit, identified as Unit 014, constructed in 1985, with a maximum throughput rate of 4.5 tons per hour, equipped with a natural gas-fired oven rated at 16.75 MMBtu/hr, controlled by dust collector DC11, and exhausting to Stack 011.
 - (11) One (1) retail packaging system, identified as Unit 015, constructed in 1999, with a maximum throughput rate of 3.125 tons per hour, controlled by dust collector DC11, and exhausting to Stack 011.

*Note: This unit has been removed from this plant.

Units located in Weaver Contract Manufacturing, Inc. (Plant ID: 053-00061):

- (c) One (1) microwave popcorn unit, identified as EU-001, constructed in 2005, with a maximum throughput rate of 12,375 pounds of popcorn per hour, controlled by dust collector DC-001, and exhausting through stack SV-001.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted emission units operating at this source during this review process.

New Emission Units and Pollution Control Equipment Receiving Advanced Source Modification Approval

There are no new emission units and pollution control equipment receiving New Source Review Approval at this source during this review process.

Insignificant Activities

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

Units located in Weaver Popcorn Company (Plant ID: 053-00033):

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour, including the following:
 - (1) One (1) natural gas-fired oven, designated as Unit 014, with a maximum heat input capacity of 0.8 MMBtu/hr.
 - (2) Natural gas-fired space heaters, with a total maximum heat input capacity less than 10 MMBtu/hr.
- (b) Storage tanks with a capacity less than or equal to 1,000 gallons and annual throughputs equal to or less than 12,000 gallons, including ground storage tanks, identified as Unit 071, for the storage of vegetable oils.
- (c) A gasoline fuel transfer dispensing operation handling less than or equal to 1,300 gallons per day and filling storage tanks having a capacity equal to or less than 10,500 gallons, including one (1) gasoline storage tank, identified as Unit 018, with a maximum capacity of 5,000 gallons.
- (d) A petroleum fuel other than gasoline dispensing facility, having a storage tank capacity less than or equal to 10,500 gallons, and dispensing 3,500 gallons per day or less: including one (1) diesel storage tank, identified as Unit 019, with a maximum capacity of 10,000 gallons.

Units located in Weaver Contract Manufacturing, Inc. (Plant ID: 053-00061):

- (e) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour, including the following:
 - (1) Eight (8) natural gas-fired roof mounted HVAC units, identified as RUT-1 through RUT-8, constructed in 2005, each with a maximum heat input capacity of 0.175 MMBtu/hr.

- (2) Three (3) natural gas-fired indoor mounted HVAC units, identified as UH-1, UH-2, and UH-3, constructed in 2005, with maximum heat input capacities of 0.2, 0.28, and 0.08 MMBtu/hr.
- (3) Four (4) natural gas-fired radiant heaters, identified as BNR-3 through BNR-6, constructed in 2005, each with a maximum heat input capacity of 0.06 MMBtu/hr.
- (f) Storage tanks with a capacity less than or equal to 1,000 gallons and annual throughputs equal to or less than 12,000 gallons, constructed in 2005, for storage of edible liquids, including, but not limited to, coconut and/or vegetable oil, butter, flavoring, and other edible liquids.

Existing Approvals

The source has been operating under the following air approvals:

- (a) FESOP #053-23130-00033, issued on December 12, 2001.
- (b) Registration #053-20361-00061, issued on February 2, 2005.

All conditions from previous approvals were incorporated into this FESOP, except the compliance monitoring frequencies for visible emission notations and pressure drop monitoring have been revised from once per shift to once per day in this renewal permit.

Enforcement Issue

IDEM is aware that the source did not apply for a FESOP renewal in a timely manner. IDEM is reviewing this matter and will take appropriate action. Pursuant to 326 IAC 2-8-3(h), the FESOP renewal application was required to be submitted before March 12, 2006, (9 months prior to the date of expiration of the first FESOP). However, the FESOP renewal application was received on May 24, 2006.

Recommendation

The staff recommends to the Commissioner that the FESOP renewal be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete FESOP renewal application for the purposes of this review was received on May 24, 2006. Additional information was received on January 2, 2007, January 15, 2007, and March 15, 2007.

There was no notice of completeness letter mailed to the source.

Emission Calculations

See Appendix A of this document for detailed emission calculations (pages 1 through 4).

Potential To Emit of Source

This table reflects the potential to emit of the source, excluding the emission limits that were contained in the previous FESOP.

Pollutant	Unrestricted Potential Emissions (tons/yr)
PM	Greater than 250
PM-10	Greater than 250
SO ₂	0.07
VOC	1.71
CO	10.7
NO _x	12.8

HAPs	Unrestricted Potential Emissions (tons/yr)
Total	Negligible

- (a) The potential to emit of PM10 is equal to or greater than 100 tons per year. Pursuant to 326 IAC 2-8, this source, otherwise required to obtain a Title V permit, has agreed to accept a permit with federally enforceable limits that restrict PTE to below Title V emission levels. Therefore, this source will be issued a Federally Enforceable State Operating Permit (FESOP).
- (b) Fugitive Emissions
 This type of operation is not in one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and there are no applicable New Source Performance Standards that were in effect on August 7, 1980. Therefore, the fugitive emissions are not counted toward determination of PSD applicability.

Potential to Emit After Issuance

The source has opted to remain a FESOP source. The table below summarizes the potential to emit, reflecting all limits of the emission units. Any control equipment is considered enforceable only after issuance of this FESOP and only to the extent that the effect of the control equipment is made practically enforceable in the permit. Since the source has not constructed any new emission units, the source's potential to emit is based on the emission units included in the original FESOP.

Process/Facility	Potential to Emit After Issuance (tons/year)						
	PM	PM ₁₀	SO ₂	VOC	CO	NO _x	HAPs
Grain Elevator	Less than 63.7	Less than 20.4	-	-	-	-	-
Popcorn Processing Operation	Less than 18.2	Less than 18.2	0.04	0.40	6.04	7.19	Negligible
NG Fired Combustion Units (Insignificant)	0.11	0.42	0.03	0.31	4.69	5.58	Negligible
Other Insignificant Activities	-	-	-	Less than 1.0	-	-	Negligible
Total Emissions	Less than 82.0	Less than 39.0	0.07	Less than 1.71	10.7	12.8	Negligible
Part 70 Program Thresholds	NA	100	100	100	100	100	10 for a single HAP and 25 for total HAPs

County Attainment Status

The source is located in Grant County.

Pollutant	Status
PM10	Attainment
PM2.5	Attainment
SO ₂	Attainment
NO ₂	Attainment
8-hour Ozone	Attainment
CO	Attainment
Lead	Attainment

- (a) Volatile organic compounds (VOC) and nitrogen oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Grant County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) Grant County has been classified as attainment for PM2.5. U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 for PM2.5 emissions. Therefore, until the U.S.EPA adopts specific provisions for PSD review for PM2.5 emissions, it has directed states to regulate PM10 emissions as a surrogate for PM2.5 emissions.
- (c) Grant County has been classified as attainment or unclassifiable for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Federal Rule Applicability

- (a) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) included in this permit.
- (b) This source does not have a grain elevator with a permanent storage capacity greater than 2.5 million bushels. Therefore, the requirements of the New Source Performance Standards for Grain Elevators (326 IAC 12, 40 CFR 60.300-304, Subpart DD) are not included in this permit.
- (c) The storage tanks at this source have the capacities less than 75 cubic meters (19,813 gallons). Therefore, the New Source Performance Standards for Volatile Organic Liquid Storage Vessels for which construction, reconstruction, or modification commenced after July 23, 1984 (326 IAC 12, 40 CFR 60.110b - 117b, Subpart Kb) are not included in this permit.
- (d) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14 and 40 CFR Part 63) included in this permit.

State Rule Applicability – Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and 326 IAC 2-8-4 (FESOP)

The source was constructed in 1985 and modified in 1999 and 2005. The source is not in 1 of 28 source categories as defined in 326 IAC 2-2-1(y)(1). The uncontrolled potential to emit PM/PM10 is each greater than 250 tons per year and the uncontrolled potential to emit all other criteria pollutants is less than 100 tons per year. The Permittee has been using dust collectors to control the PM/PM10 emissions from the popcorn processing operation. The actual PM/PM10 emissions from this source have never exceeded 250 tons per year. Therefore, this source is an existing PSD minor source. The potential to emit HAPs from the entire source is less than 10 tons per year for a single HAP and less than 25 tons per year for total HAPs.

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

- (a) PM/PM10 emissions from each of the operations at the grain elevator shall not exceed the emission limits listed in the table below:

Unit Description	PM Emission Limit (lbs/ton)	PM10 Emission Limit (lbs/ton)
Grain Receiving - Truck	0.180	0.0590
Grain Drying (Column Dryer)	0.220	0.0550
Internal Operations	0.061	0.0340
Bin Loading	0.025	0.0063
Grain Shipping - Truck	0.086	0.0290

Note: These emission limits are from AP-42, Table 9.9.1-1 for grain elevators (03/03).

- (b) The grain received at the grain elevator shall not exceed 222,796 tons per twelve (12) consecutive month period with compliance determined at the end of each month. Combined with the emission limits in paragraph (a), this is equivalent to 63.7 tons per year of PM emissions and 20.4 tons per year of PM10 emissions.
- (c) PM/PM10 emissions from each of the popcorn processing operations shall not exceed the emission limits listed in the table below:

Unit ID	Unit Description	Control Device	PM/PM10 Emission Limit (lbs/hr)
Unit 001	Receiving Area	DC1	0.39
Unit 003	Screening Mills	DC4	0.17
Unit 009	Color Sorter		
Unit 004	Separator	DC5	0.38
Unit 005	Separator	DC3	0.43
Unit 006	Separator	DC6	0.39
Unit 007	Separator	DC8	0.38
Unit 010	Holding Tank	DC9	0.47
Unit 012	Retail Packaging Area		
Unit 011	Tanker Tanks Area	None	1.27
Unit 013	Microwave Popcorn Unit	DC10	0.09
Unit 014	Caramel Corn Unit	DC11	0.09
Unit 015	Retail Packaging Area		
EU-001	Microwave Popcorn Unit	DC-001	0.09

The emission limits above are equivalent a total of 18.2 tons per year of PM/PM10 emissions. The use of the associated dust collectors for these units ensures compliance with the PM/PM10 emission limits above.

Combined with the PM/PM10 emissions from other existing units, the PM emissions from the entire source are limited to less than 250 tons per year and the PM10 emissions from the entire source are limited to less than 100 tons per year. Therefore, the requirement of 326 IAC 2-2 (PSD) and 326 IAC 2-7 (Part 70 Program) are not applicable.

326 IAC 2-4.1 (New Sources of Hazardous Air Pollutants)

The potential to emit HAPs from the entire source is less than 10 tons per year for a single HAP and less than 25 tons per year for any combination of HAPs. Therefore, the requirements of 326 IAC 2-4.1 are not applicable.

326 IAC 2-6 (Emission Reporting)

This source is located in Grant County, is not required to operate under a Part 70 permit, and has potential lead emissions that are less than five (5) tons per year. Therefore, pursuant to 326 IAC 2-6-1(b), the source is only subject to additional information requests as provided in 326 IAC 2-6-5.

326 IAC 5-1 (Opacity Limitations)

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

State Rule Applicability - Grain Elevator

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

Pursuant to 326 IAC 6-3-2, particulate emissions from each of the operations of the grain elevator shall not exceed 40.0 pounds per hour when operating at the maximum process rate of 30 tons per hour.

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

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

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

According to the emission calculations in Appendix A, the total uncontrolled potential to emit PM from the grain elevator is less than the emission limit above. Therefore, particulate emissions from the grain elevator are able to comply with the particulate emission limits in 326 IAC 6-3-2 without the use of control devices.

State Rule Applicability - Popcorn Processing Operations

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

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

Unit ID	Unit Description	Max. Throughput Rate (tons/hr)	Particulate Emission Limit (lbs/hr)
Unit 001	Receiving Area	50.0	44.6
Unit 003	Screening Mills	35.0	41.3
Units 004 - 007	Separators	10.0	19.2
Unit 009	Color Sorter	35.0	41.3
Unit 010	Holding Tank	35.0	41.3
Unit 011	Tanker Tanks Area	4.00	10.4
Unit 012	Retail Packaging Area	35.0	41.3
Unit 013	Microwave Popcorn Unit	6.19	13.9
Unit 014	Caramel Corn Unit	4.50	11.2
Unit 015	Retail Packaging Area	3.13	8.81
EU-001	Microwave Popcorn Unit	6.19	13.9

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

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

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

P = process weight rate in tons per hour

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

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

As shown in the calculations in Appendix A, the potential to emit PM before control from the separators (Units 004 through 007) and retail packaging area Unit 012 is greater than the emission limits above. Therefore, the use of dust collectors for these units is necessary to comply with the particulate limits above.

State Rule Applicability - Storage Tanks (Insignificant Activity)

326 IAC 8-4-6 (Gasoline Dispensing Facilities)

The gasoline fuel transfer and dispensing operation has a storage capacity less than 575 gallons. Therefore, this operation is not subject to the requirements of 326 IAC 8-4-6 (Gasoline Dispensing Facilities).

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

This source is not located in Clark, Floyd, Lake, or Porter County. Therefore, the requirements of 326 IAC 8-9-1 are not applicable to the storage tanks at this source.

Testing Requirements

PM and PM10 are the major pollutants emitted from this source. The emission factors for the popcorn processing operations (Unit 001, Unit 003 through Unit 015, and EU-001) were provided by the source and have not been verified. In order to verify the emissions factors and demonstrate compliance with FESOP limits, the Permittee shall perform PM and PM10 tests for the dust collectors listed in the table below within 180 days after issuance of this permit. PM-10 includes filterable and condensable PM-10.

Unit ID	Unit Description	Dust Collector ID
Unit 001	Receiving Area	DC1
Unit 003	Screening Mills	DC4
Unit 009	Color Sorter	
One of Units 004-007	One of the Separators	One of DC3, DC5, DC6, or DC8
Unit 010	Holding Tank	DC9
Unit 012	Retail Packaging Area	
Unit 013 or EU-001	Microwave Popcorn Unit	DC10 or DC-001

The emission factors from the grain elevator are based on the emission factor in AP-42, Table 9.9.1-1. Therefore, no stack testing is required for the existing grain elevator.

Compliance Requirements

Permits issued under 326 IAC 2-8 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as

grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

All compliance requirements from previous approvals were incorporated into this FESOP. The compliance monitoring requirements applicable to this source are as follows:

1. The grain elevator has applicable compliance monitoring conditions as specified below:

Visible emission notations of the grain elevator stack exhausts shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal. For processes operated continuously "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time. In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions. A trained employee or contractor is a person who has worked or trained at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process. Section C - Response to Excursions or Exceedances for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

These monitoring conditions are necessary because the grain elevator must operate properly to ensure compliance with 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), 326 IAC 2-2, and 326 IAC 2-8.

2. The popcorn processing operations, which are controlled by dust collectors DC1, DC3 through DC6, DC8 through DC11, and DC-001, have applicable compliance monitoring conditions as specified below:
 - (a) Visible emission notations of the dust collector stack exhausts shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal. For processes operated continuously "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time. In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions. A trained employee or contractor is a person who has worked or trained at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process. Section C - Response to Excursions or Exceedances for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
 - (b) The Permittee shall record the pressure drop across the dust collectors DC1, DC3 through DC6, DC8 through DC11, and DC-001 used in conjunction with the popcorn processing operations at least once per day. When for any one reading, the pressure drop across the dust collectors is outside the normal range of 3.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the

above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

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

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

- (d) 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.

These monitoring conditions are necessary because the popcorn processing operations and the associated dust collectors must operate properly to ensure compliance with 326 IAC 2-2 (PSD), 326 IAC 2-8 (FESOP), and 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes).

Conclusion

The operation of this grain elevator and popcorn processing plant shall be subject to the conditions of the FESOP Renewal No. 053-23130-00033.

**Appendix A: Emission Calculations
PM and PM10 Emissions
From the Grain Elevator**

**Company Name: Weaver Popcorn Company
Address: 408 W. Landess St., Van Buren, IN 46991
FESOP Renewal #: 053-23130-00033
Reviewer: ERG/YC
Date: March 15, 2007**

1. Unlimited Potential to Emit PM/PM10:

Operation Description	Max. Throughput Rate (tons/hr)	Uncontrolled PM Emission Factor (lbs/ton)	Unlimited PTE of PM (lbs/hr)	Unlimited PTE of PM (tons/yr)	Uncontrolled PM10 Emission Factor (lbs/ton)	Unlimited PTE of PM10 (lbs/hr)	Unlimited PTE of PM10 (tons/yr)
Grain Receiving (Truck)	30.0	0.180	5.40	23.7	0.0590	1.77	7.75
Grain Drying (Column Dryer)	30.0	0.220	6.60	28.9	0.0550	1.65	7.23
Internal Operations	30.0	0.061	1.83	8.02	0.0340	1.02	4.47
Bin Loading	30.0	0.025	0.75	3.29	0.0063	0.19	0.83
Grain Shipping (Truck)	30.0	0.086	2.58	11.3	0.0290	0.87	3.81
Total			17.2	75.2		5.50	24.1

Note: Emission factors are from AP-42, Chapter 9.9.1 - Grain Elevators, Table 9.9.1-1 (03/03).

Methodology

Unlimited PTE of PM/PM10 (lbs/hr) = Max. Throughput Rate (tons/hr) x Uncontrolled Emission Factor (lbs/ton)

Unlimited PTE of PM/PM10 (tons/yr) = Max. Throughput Rate (tons/hr) x Uncontrolled Emission Factor (lbs/ton) x 8760 hrs/yr x 1 ton/2000 lbs

2. Limited Potential to Emit PM/PM10:

Operation Description	Annual Throughput Limit (tons/yr)	Uncontrolled PM Emission Factor (lbs/ton)	Limited PTE of PM (tons/yr)	Uncontrolled PM10 Emission Factor (lbs/ton)	Limited PTE of PM10 (tons/yr)
Grain Receiving (Truck)	222,796	0.180	20.1	0.0590	6.57
Grain Drying (Column Dryer)	222,796	0.220	24.5	0.0550	6.13
Internal Operations	222,796	0.061	6.80	0.0340	3.79
Bin Loading	222,796	0.025	2.78	0.0063	0.70
Grain Shipping (Truck)	222,796	0.086	9.58	0.0290	3.23
Total			63.7		20.4

Note: Emission factors are from AP-42, Chapter 9.9.1 - Grain Elevators, Table 9.9.1-1 (03/03).

Methodology

Limited PTE of PM/PM10 (tons/yr) = Annual Throughput Limit (tons/yr) x Uncontrolled PM/PM10 Emission Factor (lbs/ton) x 1 ton/2000 lbs

**Appendix A: Emission Calculations
PM and PM10 Emissions
From the Popcorn Processing Operation**

**Company Name: Weaver Popcorn Company
Address: 408 W. Landess St., Van Buren, IN 46991
FESOP Renewal #: 053-23130-00033
Reviewer: ERG/YC
Date: March 15, 2007**

Unit ID	Unit Description	Max. Throughput Rate (tons/hr)	Uncontrolled PM/PM10 Emission Factor (lbs/ton)	PTE of PM/PM10 before Control (lbs/hr)	PTE of PM/PM10 before Control (tons/yr)	Control Device	Control Efficiency (%)	PTE of PM/PM10 after Control (lbs/hr)	PTE of PM/PM10 after Control (tons/yr)
Unit 001	Receiving Area	50.0	0.789	39.5	173	DC1	99.0%	0.39	1.73
Unit 003	Screening Mills	35.0	0.096	3.36	14.7	DC4	99.0%	0.03	0.15
Unit 004	Separator	10.0	3.760	37.6	165	DC5	99.0%	0.38	1.65
Unit 005	Separator	10.0	4.250	42.5	186	DC3	99.0%	0.43	1.86
Unit 006	Separator	10.0	3.860	38.6	169	DC6	99.0%	0.39	1.69
Unit 007	Separator	10.0	3.780	37.8	166	DC8	99.0%	0.38	1.66
Unit 009	Color Sorter	35.0	0.386	13.5	59.2	DC4	99.0%	0.14	0.59
Unit 010	Holding Tank	35.0	0.119	4.17	18.2	DC9	99.0%	0.04	0.18
Unit 011	Tanker Tanks Area	4.00	0.318	1.27	5.57	None	0.00%	1.27	5.57
Unit 012	Retail Packaging Area	35.0	1.220	42.7	187	DC9	99.0%	0.43	1.87
Unit 013	Microwave Popcorn Unit	6.19	1.480	9.16	40.1	DC10	99.0%	0.09	0.40
Unit 014	Caramel Popcorn Unit	4.50	1.200	5.40	23.7	DC11	99.0%	0.05	0.24
Unit 015	Retail Packaging System	3.13	1.220	3.81	16.7	DC11	99.0%	0.04	0.17
EU-001	Microwave Popcorn Unit	6.19	1.480	9.16	40.1	DC-001	99.0%	0.09	0.40
Total					1,264				18.2

Note: Emission factors are from the TSD for F053-14282-00033, issued on 12/12/01, and were provided by the source using the information of the collected dust in 1995. The Permittee is required to perform stack tests to demonstrate compliance with these emission factors.

Methodology

PTE of PM/PM10 before Control (lbs/hr) = Max. Throughput Rate (tons/hr) x Uncontrolled Emission Factor (lbs/ton)

PTE of PM/PM10 before Control (tons/yr) = Max. Throughput Rate (tons/yr) x Uncontrolled Emission Factor (lbs/ton) x 1 ton/2000 lbs

PTE of PM/PM10 after Control (lbs/hr) = PTE of PM/PM10 before Control (lbs/hr) x (1-Control Efficiency)

PTE of PM/PM10 after Control (tons/yr) = PTE of PM/PM10 before Control (tons/yr) x (1-Control Efficiency)

**Appendix A: Emission Calculations
Natural Gas Combustion
(MMBtu/hr < 100)
From 16.75 MMBtu/hr Oven Equipped with the Caramel Corn Unit (Unit 014)**

**Company Name: Weaver Popcorn Company
Address: 408 W. Landess St., Van Buren, IN 46991
FESOP Renewal #: 053-23130-00033
Reviewer: ERG/YC
Date: March 15, 2007**

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMSCF/yr

16.75

144

	Pollutant					
	PM	PM10	SO ₂	*NO _x	VOC	CO
Emission Factor in lbs/MMSCF			0.6	100	5.5	84.0
Potential to Emit in tons/yr	See Note	See Note	4.3E-02	7.19	0.40	6.04

Note: The PM/PM10 emissions from the caramel corn unit (Unit 014) were calculated in page 2 of the Appendix A.

*Emission factors for NO_x: Uncontrolled Small Boilers = 100 lbs/MMSCF

Emission factors are from AP-42, Chapter 1.4, Tables 1.4-1 and 1.4-2 (07/98).

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMSCF = 1,000,000 Standard Cubic Feet of Gas

Methodology

Potential Throughput (MMCF/yr) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMSCF/1,020 MMBtu

Potential to Emit (tons/yr) = Potential Throughput (MMSCF/yr) x Emission Factor (lbs/MMSCF) x 1 ton/2000 lbs

**Appendix A: Emission Calculations
Natural Gas Combustion
(MMBtu/hr < 100)
From the Insignificant Combustion Units**

**Company Name: Weaver Popcorn Company
Address: 408 W. Landess St., Van Buren, IN 46991
FESOP Renewal #: 053-23130-00033
Reviewer: ERG/YC
Date: March 15, 2007**

Heat Input Capacity MMBtu/hr	Potential Throughput MMSCF/yr
13.0 (All Insignificant NG Combustion Units Combined)	112

	Pollutant					
Emission Factor in lbs/MMSCF	PM	PM10	SO ₂	*NO _x	VOC	CO
	1.9	7.6	0.6	100	5.5	84.0
Potential to Emit in tons/yr	0.11	0.42	3.3E-02	5.58	0.31	4.69

*PM10 emission factor is condensable and filterable PM combined.
 **Emission factor for NO_x: Uncontrolled Small Boiler = 100 lbs/MMSCF
 Emission factors are from AP-42, Chapter 1.4, Tables 1.4-1 and 1.4-2 (07/98).

All emission factors are based on normal firing.
 MMBtu = 1,000,000 Btu
 MMSCF = 1,000,000 Standard Cubic Feet of Gas

Methodology

Potential Throughput (MMCF/yr) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMSCF/1,020 MMBtu
 Potential to Emit (tons/yr) = Potential Throughput (MMSCF/yr) x Emission Factor (lbs/MMSCF) x 1 ton/2000 lbs