



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

TO: Interested Parties / Applicant

DATE: February 4, 2009

RE: Gavilon Grain, LLC dba Peavey Company - Glenwood/ 139-28020-00021

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

## Notice of Decision: Approval - Effective Immediately

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

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

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

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

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

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

Enclosures  
FNPER.dot12/03/07



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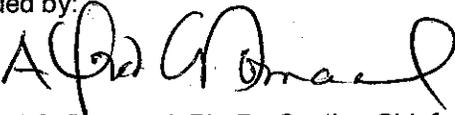
## New Source Construction and Minor Source Operating Permit OFFICE OF AIR QUALITY

**Gavilon Grain, LLC dba Peavey Company - Glenwood  
866 N 600 E  
Rushville, Indiana 46173**

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

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

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 MSOP under 326 IAC 2-6.1.

Operation Permit No.: M139-28020-00021	
Issued by:  Alfred C. Dumaul, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: February 4, 2009  Expiration Date: February 4, 2014

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## SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 and A.2 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 2-5.1-3(c)][326 IAC 2-6.1-4(a)]

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The Permittee owns and operates a stationary grain elevator for corn, wheat, and soybeans.

Source Address:	866 N 600 E, Rushville, Indiana 46173
Mailing Address:	11 ConAgra Dr, 11-160, Omaha, NE 68102
General Source Phone Number:	765-679-5211
SIC Code:	5153
County Location:	Rush
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

### A.2 Emission Units and Pollution Control Equipment Summary

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

- (a) One (1) propane-fired grain dryer, identified as EU02, constructed in 1994, with a maximum capacity of 36.82 MMBtu/hr
- (b) One (1) grain storage silo, identified as Silo #1, with a maximum capacity of 87,752 bushels, constructed in 1982
- (c) One (1) grain storage silo, identified as Silo #2, with a maximum capacity of 82,752 bushels, constructed in 1982
- (d) One (1) grain storage silo, identified as Silo #3, with a maximum capacity of 6,017 bushels, constructed in 1982,
- (e) One (1) grain storage silo, identified as Silo #4, with a maximum capacity of 14,945 bushels, constructed in 1982
- (f) One (1) grain storage silo, identified as Silo #5, with a maximum capacity of 9,711 bushels; constructed in 1982
- (g) One (1) grain storage silo, identified as Silo #6, with a maximum capacity of 9,711 bushels; constructed in 1982
- (h) One (1) grain storage silo, identified as Silo #7, with a maximum capacity of 19,409 bushels; constructed in 1982
- (i) One (1) grain storage silo, identified as Silo #8, with a maximum capacity of 83,398 bushels; constructed in 1982

- (j) One (1) grain storage silo, identified as Silo #9, with a maximum capacity of 80,489 bushels; constructed in 1982
- (k) One (1) grain storage silo, identified as Silo #10, with a maximum capacity of 10,946 bushels; constructed in 1982
- (l) One (1) grain storage silo, identified as Silo #11, with a maximum capacity of 20,706 bushels; constructed in 1982
- (m) One (1) grain storage silo, identified as Silo #12, with a maximum capacity of 83,398 bushels; constructed in 1982
- (n) One (1) grain storage silo, identified as Silo #13, with a maximum capacity of 83,398 bushels; constructed in 1982
- (o) One (1) temporary storage ring, identified as Ring, with a maximum capacity of 725,000 bushels, constructed in 1992
- (p) One (1) diesel fuel storage tank, with a storage capacity of 350 gallons, constructed in 2000
- (q) One (1) liquid propane storage tank, with a storage capacity of 1,000 gallons, constructed in 1997
- (r) One (1) liquid propane storage tank, with a storage capacity of 10,000 gallons, constructed in 1982
- (s) Receiving, handling, and shipping equipment, including:
  - (1) East Leg, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (2) West Leg, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (3) Center Leg, with a maximum capacity of 17,500 bushels per hour, constructed in 1998;
  - (4) Receiving Conveyor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (5) Top Fill, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (6) Draft Scale, with a maximum capacity of 40,000 bushels per hour, constructed in 1982;
  - (7) Center Conveyor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (8) East Conveyor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (9) Rail Conveyor, with a maximum capacity of 10,000 bushels per hour, constructed in 1982;
  - (10) Wet Conveyor, with a maximum capacity of 3,500 bushels per hour, constructed in 1994;
  - (11) Dry Conveyor, with a maximum capacity of 5,000 bushels per hour, constructed in 1994;
  - (12) Dryer, with a maximum capacity of 5,000 bushels per hour, constructed in 1994;

- (13) Top Dry Fill Conveyor, with a maximum capacity of 5,000 bushels per hour, constructed in 1982;
  - (14) Dry Leg, with a maximum capacity of 5,000 bushels per hour, constructed in 1982;
  - (15) Wet Leg, with a maximum capacity of 5,000 bushels per hour, constructed in 1994;
  - (16) Pad Conveyor North, with a maximum capacity of 15,000 bushels per hour, constructed in 1991;
  - (17) Pad Conveyor South, with a maximum capacity of 15,000 bushels per hour, constructed in 1991;
  - (18) East Distributor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982; and
  - (19) Double Distributor, with a maximum capacity of 30,000 bushels per hour, constructed in 1982
- (t) Fugitive emissions from paved and unpaved roads

## **SECTION B GENERAL CONDITIONS**

### **B.1 Definitions [326 IAC 2-1.1-1]**

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Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-1.1-1) shall prevail.

### **B.2 Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]**

- 
- (a) This permit, M139-28020-00021, 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]**

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

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

### **B.4 Enforceability**

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

### **B.5 Severability**

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

### **B.6 Property Rights or Exclusive Privilege**

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

### **B.7 Duty to Provide Information**

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- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. 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

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- (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 Notification [326 IAC 2-6.1-5(a)(5)]

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- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) The annual notice shall be submitted in the format attached no later than March 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, IN 46204-2251
- (c) The notification 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.

#### B.10 Preventive Maintenance Plan [326 IAC 1-6-3]

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

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

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

Indianapolis, Indiana 46204-2251

The PMP extension notification does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (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.11 Prior Permits Superseded [326 IAC 2-1.1-9.5]**

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- (a) All terms and conditions of permits established prior to M139-28020-00021 and issued pursuant to permitting programs approved into the state implementation plan have been either:
  - (1) incorporated as originally stated,
  - (2) revised, or
  - (3) deleted.
- (b) All previous registrations and permits are superseded by this permit.

**B.12 Termination of Right to Operate [326 IAC 2-6.1-7(a)]**

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The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least one hundred twenty (120) days prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.

**B.13 Permit Renewal [326 IAC 2-6.1-7]**

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- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-6.1-7. Such information shall be included in the application for each emission unit at this source. 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 one hundred twenty (120) days 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 2-6.1 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.14 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]**

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- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 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).
- (c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

**B.15 Source Modification Requirement**

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

**B.16 Inspection and Entry**

[326 IAC 2-5.1-3(e)(4)(B)][326 IAC 2-6.1-5(a)(4)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

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

- (a) Enter upon the Permittee's premises where a permitted 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.17 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 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 notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

**B.18 Annual Fee Payment [326 IAC 2-1.1-7]**

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- (a) The Permittee shall pay annual fees due within thirty (30) calendar days of receipt of a bill from IDEM, OAQ,.
- (b) 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.19 Credible Evidence [326 IAC 1-1-6]**

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

## SECTION C SOURCE OPERATION CONDITIONS

Entire Source

### Emission Limitations and Standards [326 IAC 2-6.1-5(a)(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 Permit Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this permit.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.
- (d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
- (e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.

#### 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]

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

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
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 Licensed Asbestos Inspector**  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

### **Testing Requirements [326 IAC 2-6.1-5(a)(2)]**

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

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

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require 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.9 Compliance Requirements [326 IAC 2-1.1-11]**

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

### **Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]**

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

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Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required

monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

**C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]**

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

**C.12 Instrument Specifications [326 IAC 2-1.1-11]**

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- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.
- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

**Corrective Actions and Response Steps**

**C.13 Response to Excursions or Exceedances**

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- (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.14 Actions Related to Noncompliance Demonstrated by a Stack Test**

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- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred 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 2-6.1-5(a)(2)]**

**C.15 Malfunctions Report [326 IAC 1-6-2]**

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Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

- (a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.
- (b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.
- (c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).
- (d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.16 General Record Keeping Requirements [326 IAC 2-6.1-5]

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

C.17 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

- (a) Reports required by conditions in Section D of this permit shall be submitted to:  
  
Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251
- (b) 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.
- (c) 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).
- (d) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

## SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

### Emissions Unit Description:

- (a) One (1) propane-fired grain dryer, identified as EU02, constructed in 1994, with a maximum capacity of 36.82 MMBtu/hr
- (b) One (1) grain storage silo, identified as Silo #1, with a maximum capacity of 87,752 bushels, constructed in 1982
- (c) One (1) grain storage silo, identified as Silo #2, with a maximum capacity of 82,752 bushels, constructed in 1982
- (d) One (1) grain storage silo, identified as Silo #3, with a maximum capacity of 6,017 bushels, constructed in 1982,
- (e) One (1) grain storage silo, identified as Silo #4, with a maximum capacity of 14,945 bushels, constructed in 1982
- (f) One (1) grain storage silo, identified as Silo #5, with a maximum capacity of 9,711 bushels; constructed in 1982
- (g) One (1) grain storage silo, identified as Silo #6, with a maximum capacity of 9,711 bushels; constructed in 1982
- (h) One (1) grain storage silo, identified as Silo #7, with a maximum capacity of 19,409 bushels; constructed in 1982
- (i) One (1) grain storage silo, identified as Silo #8, with a maximum capacity of 83,398 bushels; constructed in 1982
- (j) One (1) grain storage silo, identified as Silo #9, with a maximum capacity of 80,489 bushels; constructed in 1982
- (k) One (1) grain storage silo, identified as Silo #10, with a maximum capacity of 10,946 bushels; constructed in 1982
- (l) One (1) grain storage silo, identified as Silo #11, with a maximum capacity of 20,706 bushels; constructed in 1982
- (m) One (1) grain storage silo, identified as Silo #12, with a maximum capacity of 83,398 bushels; constructed in 1982
- (n) One (1) grain storage silo, identified as Silo #13, with a maximum capacity of 83,398 bushels; constructed in 1982
- (o) One (1) temporary storage ring, identified as Ring, with a maximum capacity of 725,000 bushels, constructed in 1992
- (p) One (1) diesel fuel storage tank, with a storage capacity of 350 gallons, constructed in 2000
- (q) One (1) liquid propane storage tank, with a storage capacity of 1,000 gallons, constructed in 1997

- (r) One (1) liquid propane storage tank, with a storage capacity of 10,000 gallons, constructed in 1982
- (s) Receiving, handling, and shipping equipment, including:
  - (1) East Leg, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (2) West Leg, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (3) Center Leg, with a maximum capacity of 17,500 bushels per hour, constructed in 1998;
  - (4) Receiving Conveyor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (5) Top Fill, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (6) Draft Scale, with a maximum capacity of 40,000 bushels per hour, constructed in 1982;
  - (7) Center Conveyor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (8) East Conveyor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (9) Rail Conveyor, with a maximum capacity of 10,000 bushels per hour, constructed in 1982;
  - (10) Wet Conveyor, with a maximum capacity of 3,500 bushels per hour, constructed in 1994;
  - (11) Dry Conveyor, with a maximum capacity of 5,000 bushels per hour, constructed in 1994;
  - (12) Dryer, with a maximum capacity of 5,000 bushels per hour, constructed in 1994;
  - (13) Top Dry Fill Conveyor, with a maximum capacity of 5,000 bushels per hour, constructed in 1982;
  - (14) Dry Leg, with a maximum capacity of 5,000 bushels per hour, constructed in 1982;
  - (15) Wet Leg, with a maximum capacity of 5,000 bushels per hour, constructed in 1994;
  - (16) Pad Conveyor North, with a maximum capacity of 15,000 bushels per hour, constructed in 1991;
  - (17) Pad Conveyor South, with a maximum capacity of 15,000 bushels per hour, constructed in 1991;
  - (18) East Distributor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982; and
  - (19) Double Distributor, with a maximum capacity of 30,000 bushels per hour, constructed in 1982

(t) Fugitive emissions from paved and unpaved roads

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

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

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

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

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, assuming 60 pounds per bushel:

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

The following table shows the maximum process weight rate and allowable particulate emission rate for each emission unit:

Emissions Unit Description	Maximum (bushels/hr)	Maximum Process Weight (tons/hr)	326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)
East Leg	15,000	450	67.7
West Leg	15,000	450	67.7
Center Leg	17,500	525	69.5
Receiving Conveyor	15,000	450	67.7
Top Fill	15,000	450	67.7
Draft Scale	40,000	1200	80.0
Center Conveyor	15,000	450	67.7
East Conveyor	15,000	450	67.7
Rail Conveyor	10,000	300	63.0
Wet Conveyor	3,500	105	51.8
Dry Conveyor	5,000	150	55.4
Dryer	5,000	150	55.4
TopDry Fill Conveyor	5,000	150	55.4
Dry Leg	5,000	150	55.4
Wet Leg	5,000	150	55.4
Pad Conveyor North	15,000	450	67.7
Pad Conveyor South	15,000	450	67.7
East Distributor	15,000	450	67.7
Double Distributor	30,000	900	76.2

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

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

## **Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]**

### **D.1.3 Visible Emissions Notations**

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- (a) Visible emission notations of the grain receiving, handling, drying, and shipping facilities exhaust 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.

## **Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]**

### **D.1.4 Record Keeping Requirements**

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- (a) To document compliance with Condition D.1.3, the Permittee shall maintain once per day records of the visible emission notations from the grain receiving, handling, drying, and shipping facilities. 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 plant did not operate that day).
- (b) 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

### MINOR SOURCE OPERATING PERMIT (MSOP) CERTIFICATION

Source Name: Gavilon Grain, LLC dba Peavey Company - Glenwood  
Source Address: 866 N 600 E, Rushville, Indiana 46173  
Mailing Address: 11 ConAgra Dr, 11-160, Omaha, NE 68102  
MSOP No.: M139-28020-00021

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

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify) \_\_\_\_\_
- Report (specify) \_\_\_\_\_
- Notification (specify) \_\_\_\_\_
- Affidavit (specify) \_\_\_\_\_
- Other (specify) \_\_\_\_\_

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

Signature:

Printed Name:

Title/Position:

Date:

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

**MINOR SOURCE OPERATING PERMIT  
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

<b>Company Name:</b>	Gavilon Grain, LLC dba Peavey Company - Glenwood
<b>Address:</b>	866 N 600 E
<b>City:</b>	Rushville, Indiana 46173
<b>Phone #:</b>	765-679-5211
<b>MSOP #:</b>	M139-28020-00021

I hereby certify that Gavilon Grain, LLC dba Peavey Company - Glenwood is :

still in operation.

I hereby certify that Gavilon Grain, LLC dba Peavey Company - Glenwood is :

no longer in operation.

in compliance with the requirements of MSOP M139-28020-00021.

not in compliance with the requirements of MSOP M139-28020-00021.

<b>Authorized Individual (typed):</b>
<b>Title:</b>
<b>Signature:</b>
<b>Date:</b>

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

<b>Noncompliance:</b>

### MALFUNCTION REPORT

#### INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY FAX NUMBER: (317) 233-6865

**This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6  
and to qualify for the exemption under 326 IAC 1-6-4.**

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER ?\_\_\_\_, 25 TONS/YEAR SULFUR DIOXIDE ?\_\_\_\_, 25 TONS/YEAR NITROGEN OXIDES?\_\_\_\_, 25 TONS/YEAR VOC ?\_\_\_\_, 25 TONS/YEAR HYDROGEN SULFIDE ?\_\_\_\_, 25 TONS/YEAR TOTAL REDUCED SULFUR ?\_\_\_\_, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ?\_\_\_\_, 25 TONS/YEAR FLUORIDES ?\_\_\_\_, 100 TONS/YEAR CARBON MONOXIDE ?\_\_\_\_, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ?\_\_\_\_, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ?\_\_\_\_, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ?\_\_\_\_, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ?\_\_\_\_. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION \_\_\_\_\_.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC \_\_\_\_\_ OR, PERMIT CONDITION # \_\_\_\_\_ AND/OR PERMIT LIMIT OF \_\_\_\_\_

THIS INCIDENT MEETS THE DEFINITION OF "MALFUNCTION" AS LISTED ON REVERSE SIDE ?    Y        N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ?    Y        N

COMPANY: \_\_\_\_\_ PHONE NO. (    ) \_\_\_\_\_  
LOCATION: (CITY AND COUNTY) \_\_\_\_\_  
PERMIT NO. \_\_\_\_\_ AFS PLANT ID: \_\_\_\_\_ AFS POINT ID: \_\_\_\_\_ INSP: \_\_\_\_\_  
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON: \_\_\_\_\_

DATE/TIME MALFUNCTION STARTED: \_\_\_\_/\_\_\_\_/20\_\_\_\_    \_\_\_\_\_ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: \_\_\_\_\_

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE \_\_\_\_/\_\_\_\_/20\_\_\_\_    \_\_\_\_\_ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO2, VOC, OTHER: \_\_\_\_\_

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: \_\_\_\_\_

MEASURES TAKEN TO MINIMIZE EMISSIONS: \_\_\_\_\_

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL\* SERVICES: \_\_\_\_\_  
CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: \_\_\_\_\_  
CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: \_\_\_\_\_  
INTERIM CONTROL MEASURES: (IF APPLICABLE) \_\_\_\_\_

MALFUNCTION REPORTED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

\*SEE PAGE 2

**Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.**

**326 IAC 1-6-1 Applicability of rule**

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

**326 IAC 1-2-39 "Malfunction" definition**

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

**\*Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

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## Attachment A

### FUGITIVE PARTICULATES CONTROL PLAN

for

Gavilon Grain, LLC dba Peavey Company - Glenwood (Mauzy)

Name and address of the source:

Gavilon Grain, LLC dba Peavey Company - Glenwood (Mauzy)  
866 N 600 E  
Rushville, IN 46173

Name and address of the owner or operator responsible for the execution of the plan:

Rick Yabroff, PE, CSP  
Director of Safety and Environmental  
The Gavilon Group, LLC  
11 ConAgra Drive, 11-160  
Omaha, NE 68102

- (a) Fugitive particulate matter (dust) emissions from paved roads, unpaved roads, and parking lots shall be controlled by one or more of the following measures on an as-needed basis:
- (1) Paved roads and parking lots:
    - (A) Flushing on an as-needed basis; and/pr
    - (B) Power brooming while wet either from rain or application of water on an as-needed basis.
  - (2) Unpaved roads and parking lots:
    - (A) Treating with emulsified asphalt (or other suitable and effective oil or chemical dust suppressant approved by IDEM OAQ) on an as-needed basis;
    - (B) Treating with water on an as-needed basis; and/or
    - (C) Double chipping, sealing, and maintaining the road surface on an as-needed basis.
- (b) Fugitive particulate matter (dust) emissions from the loading and unloading of grain shall be controlled by one or more of the following measures on an as-needed basis:
- (1) Limiting free fall distance;
  - (2) Adding socks/sleeves to loading spouts;
  - (3) Limiting the rate of discharge of the materials; and/or
  - (4) Applying mineral oil to the grain as soon as it is received and after it passes through the dryer.
- (c) Fugitive particulate matter (dust) emissions from grain handling, including pits, bins, silos, scales, conveyors, drags, legs, augers, transfer points, screens, trippers, garners, and/or dryers, shall be controlled by one or more of the following measures:
- (1) Limiting transfer points to 3-foot drops or less;
  - (2) Enclosing or partially enclosing pits, conveyors, transfer points, augers, drags, legs,

- screens, and/or dryers; and/or
  - (3) Applying mineral oil to the grain as soon as it is received and after it passes through the dryer.
- (d) Fugitive particulate matter emissions resulting from open aggregate piles consisting of such material as, but not limited to, sand, gravel, stone, grain, and coal shall be controlled by one or more of the following measures on an as-needed basis:
  - (1) Cleaning the area around the perimeter of the aggregate piles;
  - (2) Application of a suitable and effective oil or other dust suppressant;
  - (3) Covering pile with a tarpaulin to minimize wind erosion; and/or
  - (4) An equivalent alternate measure.
- (e) Fugitive particulate matter emissions resulting from outdoor conveying of aggregate material such as, but not limited to, sand, gravel, stone, grain, and coal, by equipment such as belt conveyors, augers, drags, and bucket elevators shall be controlled by one or more of the following measures:
  - (1) Enclosing the conveyor belt totally on the top and sides as needed to minimize visible emissions;
  - (2) Applying suitable and effective chemical dust suppressant (mineral oil) at the feed and/or intermediate points as needed to minimize visible emissions; and/or
  - (3) An equivalent alternate measure.
- (f) Fugitive particulate matter emissions resulting from the transferring of aggregate material shall be controlled unless exempted pursuant to 326 IAC 6-5-7(d) by one or more of the following measures:
  - (1) Minimizing the vehicular distance between the transfer points;
  - (2) Enclosing the transfer points;
  - (3) Application of suitable and effective chemical dust suppressant as needed to minimize visible emissions; and/or
  - (4) An equivalent alternate measure.
- (g) Fugitive particulate matter emissions resulting from transportation of aggregate material by truck, front end loaders, or similar vehicles shall be controlled unless exempted pursuant to 326 IAC 6-5-7(d) by one or more of the following measures:
  - (1) Use of completely enclosed vehicles;
  - (2) Tarping the vehicles;
  - (3) Maintaining the vehicle body in such a condition that prevents any leaks of aggregate material.
  - (4) Spraying the materials in the vehicle with a suitable and effective dust suppressant; and/or
  - (5) An alternate measure.
- (h) Fugitive particulate matter emissions resulting from the loading and unloading operations of the material from storage facilities such as bins, hoppers, and silos, onto or out of vehicles, shall be controlled by one or more of the following measures:
  - (1) Total or partial enclosure of the material loading/unloading area;
  - (2) Spraying with suitable and effective chemical dust suppressant as needed to minimize visible emissions;
  - (3) Reduction of free fall distance; and/or
  - (4) An equivalent alternate measure.

- (i) The grain elevator will follow housekeeping and maintenance procedures that minimize the opportunity for particulate matter to become airborne and leave the property, such as the following:
  - (1) Housekeeping practices
    - (A) Areas to be swept and maintained shall include, at a minimum, the following:
      - (i) General grounds, yard, and other open areas.
      - (ii) Floors, decks, hopper areas, loading areas, dust collectors, and all areas of dust or water concentrations.
      - (iii) Grain dryers with respect to accumulated particulate matter.
    - (B) Cleanings and other collected waste material shall be handled and disposed of so that the area does not generate fugitive dust.
    - (C) Dust from driveways, access roads, and other areas of travel shall be controlled.
    - (D) Accidental spills and other accumulations shall be cleaned up as soon as possible, but no later than completion of the day's operation.
  - (2) Equipment maintenance shall consist of procedure that eliminate or minimize emissions from equipment or a system caused by the following:
    - (A) Malfunctions.
    - (B) Breakdowns.
    - (C) Improper adjustment.
    - (D) Operating above the rated or designed capacity.
    - (E) Not following designed operating specifications.
    - (F) Lack of good preventative maintenance care.
    - (G) Lack of critical and proper spare replacement parts on hand.
    - (H) Lack of properly trained and experienced personnel.

## Indiana Department of Environmental Management Office of Air Quality

### Technical Support Document (TSD) for a New Source Construction and Minor Source Operating Permit (MSOP)

#### Source Description and Location

**Source Name:** Gavilon Grain, LLC dba Peavey Company - Glenwood  
**Source Location:** 866 N 600 E, Rushville, IN 46173  
**County:** Rush  
**SIC Code:** 5153  
**Operation Permit No.:** M139-28020-00021  
**Permit Reviewer:** Summer Keown

On October 17, 2008, the Office of Air Quality (OAQ) has received an application from Gavilon Grain, LLC, related to the operation of an existing stationary grain elevator for corn, wheat, and soybeans.

#### Existing Approvals

There have been no previous approvals issued to this source.

#### County Attainment Status

The source is located in Rush County.

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

(a) Ozone Standards

Volatile organic compounds (VOC) and Nitrogen Oxides (NO<sub>x</sub>) 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 NO<sub>x</sub> emissions are considered when evaluating the rule applicability relating to ozone. Rush County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO<sub>x</sub> emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) PM2.5

Rush County has been classified as attainment for PM2.5. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM2.5 emissions, and the effective date of these rules was July 15<sup>th</sup>, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM2.5 emissions until 326 IAC 2-2 is revised.

(c) Other Criteria Pollutants

Rush County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

<b>Fugitive Emissions</b>
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(a) The fugitive emissions of criteria pollutants and hazardous air pollutants are counted toward the determination of 326 IAC 2-6.1 (Minor Source Operating Permits) applicability.

(b) Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2, 326 IAC 2-3, or 326 IAC 2-7, and there is no applicable New Source Performance Standard that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

<b>Unpermitted Emission Units and Pollution Control Equipment</b>
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The Office of Air Quality (OAQ) has reviewed an application, submitted by Gavilon Grain, LLC dba Peavey Company - Glenwood on October 17, 2008, relating to the operation of an existing stationary grain elevator for corn, wheat, and soybeans

The following is a list of the unpermitted units:

- (a) One (1) propane-fired grain dryer, identified as EU02, constructed in 1994, with a maximum capacity of 36.82 MMBtu/hr
- (b) One (1) grain storage silo, identified as Silo #1, with a maximum capacity of 87,752 bushels, constructed in 1982
- (c) One (1) grain storage silo, identified as Silo #2, with a maximum capacity of 82,752 bushels, constructed in 1982
- (d) One (1) grain storage silo, identified as Silo #3, with a maximum capacity of 6,017 bushels, constructed in 1982,
- (e) One (1) grain storage silo, identified as Silo #4, with a maximum capacity of 14,945 bushels, constructed in 1982
- (f) One (1) grain storage silo, identified as Silo #5, with a maximum capacity of 9,711 bushels; constructed in 1982
- (g) One (1) grain storage silo, identified as Silo #6, with a maximum capacity of 9,711 bushels; constructed in 1982

- (h) One (1) grain storage silo, identified as Silo #7, with a maximum capacity of 19,409 bushels; constructed in 1982
- (i) One (1) grain storage silo, identified as Silo #8, with a maximum capacity of 83,398 bushels; constructed in 1982
- (j) One (1) grain storage silo, identified as Silo #9, with a maximum capacity of 80,489 bushels; constructed in 1982
- (k) One (1) grain storage silo, identified as Silo #10, with a maximum capacity of 10,946 bushels; constructed in 1982
- (l) One (1) grain storage silo, identified as Silo #11, with a maximum capacity of 20,706 bushels; constructed in 1982
- (m) One (1) grain storage silo, identified as Silo #12, with a maximum capacity of 83,398 bushels; constructed in 1982
- (n) One (1) grain storage silo, identified as Silo #13, with a maximum capacity of 83,398 bushels; constructed in 1982
- (o) One (1) temporary storage ring, identified as Ring, with a maximum capacity of 725,000 bushels, constructed in 1992
- (p) One (1) diesel fuel storage tank, with a storage capacity of 350 gallons, constructed in 2000
- (q) One (1) liquid propane storage tank, with a storage capacity of 1,000 gallons, constructed in 1997
- (r) One (1) liquid propane storage tank, with a storage capacity of 10,000 gallons, constructed in 1982
- (s) Receiving, handling, and shipping equipment, including:
  - (1) East Leg, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (2) West Leg, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (3) Center Leg, with a maximum capacity of 17,500 bushels per hour, constructed in 1998;
  - (4) Receiving Conveyor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (5) Top Fill, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (6) Draft Scale, with a maximum capacity of 40,000 bushels per hour, constructed in 1982;
  - (7) Center Conveyor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (8) East Conveyor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982;
  - (9) Rail Conveyor, with a maximum capacity of 10,000 bushels per hour, constructed in 1982;
  - (10) Wet Conveyor, with a maximum capacity of 3,500 bushels per hour, constructed in 1994;

- (11) Dry Conveyor, with a maximum capacity of 5,000 bushels per hour, constructed in 1994;
  - (12) Dryer, with a maximum capacity of 5,000 bushels per hour, constructed in 1994;
  - (13) Top Dry Fill Conveyor, with a maximum capacity of 5,000 bushels per hour, constructed in 1982;
  - (14) Dry Leg, with a maximum capacity of 5,000 bushels per hour, constructed in 1982;
  - (15) Wet Leg, with a maximum capacity of 5,000 bushels per hour, constructed in 1994;
  - (16) Pad Conveyor North, with a maximum capacity of 15,000 bushels per hour, constructed in 1991;
  - (17) Pad Conveyor South, with a maximum capacity of 15,000 bushels per hour, constructed in 1991;
  - (18) East Distributor, with a maximum capacity of 15,000 bushels per hour, constructed in 1982; and
  - (19) Double Distributor, with a maximum capacity of 30,000 bushels per hour, constructed in 1982
- (t) Fugitive emissions from paved and unpaved roads

**Enforcement Issues**

IDEM is aware that equipment has been constructed and operated prior to receipt of the proper permit. IDEM is reviewing this matter and will take the appropriate action. This proposed approval is intended to satisfy the requirements of the construction permit rules.

**Emission Calculations**

See Appendix A, pages 1 through 5, of this TSD for detailed emission calculations.

**Permit Level Determination – MSOP**

The following table reflects the unlimited potential to emit (PTE) of the entire source before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)
PM	307.45
PM10 <sup>(1)</sup>	85.86
PM2.5	60.07
SO <sub>2</sub>	0.09
NO <sub>x</sub>	22.91
VOC	1.76
CO	13.22

- (1) Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".

HAPs	Potential To Emit (tons/year)
Nickel	negligible
Benzene	negligible
<b>TOTAL HAPs</b>	<b>negligible</b>

- (a) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1(16)) of PM10 and PM2.5 are each less than one hundred (100) tons per year, but greater than or equal to twenty-five (25) tons per year. The PTE of all other regulated criteria pollutants are less than twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-6.1. A Minor Source Operating Permit (MSOP) will be issued.
- (b) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1(16)) of any single HAP is less than ten (10) tons per year and the PTE of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-7.

#### Federal Rule Applicability Determination

##### New Source Performance Standards (NSPS)

- (a) The requirements of the New Source Performance Standard for Grain Elevators, 40 CFR 60, Subpart DD (326 IAC 12), are not included in the permit, since this grain elevator, as defined by 60.301(b), has a permanent storage capacity of less than 2.5 million bushels. This source is also not considered a grain storage elevator as defined in 40 CFR 60.301(f) because it is not associated with any mill or oil extraction plant.
- (b) The requirements of the New Source Performance Standard for Storage Vessels for Petroleum Liquids for which construction, reconstruction, or modification commenced after June 11, 1973, and prior to May 19, 1978, 40 CFR 60, Subpart K (326 IAC 12), are not included in the permit, because all storage tanks located at the source have a storage capacity of less than 151,412 liters (40,000 gallons).
- (c) The requirements of the New Source Performance Standard for Storage Vessels for Petroleum Liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984, 40 CFR 60, Subpart Ka (326 IAC 12), are not included in the permit because all storage tanks located at the source have a storage capacity of less than 151,412 liters (40,000 gallons).
- (d) The requirements of the New Source Performance Standard for Volatile Organic Liquid Storage Vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984, 40 CFR 60, Subpart Kb (326 IAC 12), are not included in the permit because all tanks located at the source have a design capacity of less than 75 m<sup>3</sup> (19,812.9 gallons).
- (e) There are no New Source Performance Standards (NSPS)(40 CFR Part 60) included in the permit.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (f) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Organic Liquids Distribution, 40 CFR 63, Subpart EEEE (326 IAC 20), are not included in the permit, because this source is not a major source of HAP emissions.
- (g) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in the permit.

Compliance Assurance Monitoring (CAM)

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

<b>State Rule Applicability Determination</b>
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The following state rules are applicable to the source:

- (a) 326 IAC 2-6.1 (Minor Source Operating Permits (MSOP))  
MSOP applicability is discussed under the Permit Level Determination – MSOP section above.
- (b) 326 IAC 2-2 (Prevention of Significant Deterioration(PSD))  
This source is not a major stationary source, under PSD (326 IAC 2-2), because the potential to emit of all attainment regulated pollutants are less than 250 tons per year, and this source is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1). Fugitive emissions for PM are not included in the PSD determination. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.
- (c) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))  
The potential to emit of any single HAP is less than ten (10) tons per year and the potential to emit of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-4.1.
- (d) 326 IAC 2-6 (Emission Reporting)  
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.
- (e) 326 IAC 5-1 (Opacity Limitations)  
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
  - (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
  - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
- (f) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)

The source is subject to the requirements of 326 IAC 6-4, because the unpaved roads have the potential to emit fugitive particulate emissions. Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.

- (g) 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)  
 The source is subject to the requirements of 326 IAC 6-5, because the unpaved roads have potential fugitive particulate emissions greater than 25 tons per year. Pursuant to 326 IAC 6-5, fugitive particulate matter emissions shall be controlled according to the Fugitive Dust Control Plan, submitted on October 17, 2008, which is included as Attachment A to the permit.
- (h) 326 IAC 12 (New Source Performance Standards)  
 See Federal Rule Applicability Section of this TSD.
- (i) 326 IAC 20 (Hazardous Air Pollutants)  
 See Federal Rule Applicability Section of this TSD.

**State Rule Applicability - Individual Facilities**

- (a) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)  
 Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate emissions from each of the following operations shall not exceed the pound per hour limits listed in the table below, assuming 60 pounds per bushel:

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

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

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

Emissions Unit Description	Maximum (bushels/hr)	Maximum Process Weight (lbs/hr)	Maximum Process Weight (tons/hr)	326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)
East Leg	15,000	900,000	450	67.7
West Leg	15,000	900,000	450	67.7
Center Leg	17,500	1,050,000	525	69.5
Receiving Conveyor	15,000	900,000	450	67.7
Top Fill	15,000	900,000	450	67.7
Draft Scale	40,000	2,400,000	1200	80.0
Center Conveyor	15,000	900,000	450	67.7
East Conveyor	15,000	900,000	450	67.7
Rail Conveyor	10,000	600,000	300	63.0
Wet Conveyor	3,500	210,000	105	51.8
Dry Conveyor	5,000	300,000	150	55.4
Dryer	5,000	300,000	150	55.4
TopDry Fill Conveyor	5,000	300,000	150	55.4
Dry Leg	5,000	300,000	150	55.4
Wet Leg	5,000	300,000	150	55.4
Pad Conveyor North	15,000	900,000	450	67.7
Pad Conveyor South	15,000	900,000	450	67.7
East Distributor	15,000	900,000	450	67.7

Double Distributor	30,000	1,800,000	900	76.2
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- (b) 326 IAC 8-1-6 (New Facilities; General Reduction Requirements)  
The one (1) diesel fuel storage tank and the two (2) propane storage tanks have unlimited potential VOC emissions of less than twenty-five (25) tons per year. Therefore, the requirements of 326 IAC 8-1-6 are not applicable.
- (c) 326 IAC 8-1-9 (Volatile Organic Liquid Storage Vessels)  
326 IAC 8-1-9 applies to stationary vessels used to store volatile organic liquid (VOL) that are located in Clark, Floyd, Lake, or Porter County. This source is located in Rush County. Therefore, 326 IAC 8-1-9 is not applicable to this source.

<b>Compliance Determination, Monitoring and Testing Requirements</b>
--

The compliance determination and monitoring requirements applicable to this source are as follows:

- (a) Visible emission notations of the grain receiving, handling, drying, and shipping facilities exhaust shall be performed once per day during normal daylight. 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.

<b>Conclusion and Recommendation</b>
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Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on October 17, 2008.

The operation of this source shall be subject to the conditions of the attached proposed MSOP No. 139-28020-00021. The staff recommends to the Commissioner that this New Source Construction and MSOP be approved.

<b>IDEM Contact</b>
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- (a) Questions regarding this proposed permit can be directed to Summer Keown at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 232-8427 or toll free at 1-800-451-6027 extension 2-8427.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: [www.idem.in.gov](http://www.idem.in.gov)

**Appendix A: Emission Calculations  
Summary**

**Company Name:** Gavilon Grain, LLC dba Peavey Company - Glenwood  
**Address City IN Zip:** 866 N 600 E, Rushville, IN 46173  
**Permit Number:** M139-28020-00021  
**Reviewer:** Summer Keown  
**Date:** November 10, 2008

	Unlimited Potential Emissions								
	PM	PM10	PM2.5	SO2	NOx	VOC	CO	Single HAP	Total HAPs
Receiving, Handling, and Shipping	179.10	56.85	56.85	0.00	0.00	0.00	0.00	0.00	0.00
Propane-Fired Dryer	1.23	0.35	0.35	0.09	22.91	1.76	13.22	negl.	negl.
Storage Tanks	negl.	negl.	negl.	0.00	0.00	negl.	0.00	negl.	negl.
Fugitive Emissions**	127.12	28.66	2.87	0.00	0.00	0.00	0.00	0.00	0.00
Total	307.45	85.86	60.07	0.09	22.91	1.76	13.22	negl.	negl.

\*The propane storage tanks have regulator valves which prevent the emission of VOC and HAPs. Thus, the potential emissions are negligible.

\*\*Fugitive emissions are not counted toward the total for determining PSD.

**Grain Elevator**

**Company Name:** Gavilon Grain, LLC dba Peavey Company - Glenwood  
**Address City IN Zip:** 866 N 600 E, Rushville, IN 46173  
**Permit Number:** M139-28020-00021  
**Reviewer:** Summer Keown  
**Date:** November 10, 2008

<b>Maximum Grain Received (bushels of grain handled or processed per year) =</b>	20000000
<b>Weight of bean ( lb/bushel) =</b>	60
<b>Maximum Grain Received (tons of grain handled or processed per year) =</b>	600000.00

1. Choose one of the following emission factors for each process based on the type of operations conducted at the individual source. Enter each factor chosen in the shaded boxes\* below the table, and the emission factors will be automatically transferred to the emission calculation table.

UNLOADING/RECEIVING						DRYING				SHIPPING													
Straight Truck		Hopper Truck		Railcar		Column Dryer		Rack Dryer		Truck (unspecified)		Railcar											
PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10										
0.18	0.059	0.035	0.0078	0.032	0.0078	0.22	0.055	3	0.75	0.086	0.029	0.027	0.0022										
UNLOADING/RECEIVING						DRYING				SHIPPING													
PM =		0.18		PM-10 =		0.059		PM =		0.22		PM-10 =		0.055		PM =		0.086		PM-10 =		0.029	

Factor representing this source\* =

	UNLOADING/ RECEIVING		DRYING**		HEADHOUSE AND INTERNAL HANDLING (legs, belts, distributor, etc.)		STORAGE BIN (VENT)***		SHIPPING	
	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10	PM	PM-10
Emission Factor in lb/ton	0.18	0.059	0.22	0.055	0.061	0.034	0.05	0.0125	0.086	0.029
Potential Emissions in tons/yr	54.0000	17.7000	66.0000	16.5000	18.3000	10.2000	15.0000	3.7500	25.8000	8.7000

**Total PM= 179.10**  
**Total PM10/PM2.5= 56.85**

\*\* The PM-10 emission factors given are estimated by taking 25% of the filterable PM emission factor in accordance with AP-42 Section 9.9.1, Table 9.9.1-1, Footnote j.

\*\*\* The PM emission factor given is from the interim AP-42 Section 9.9.1 (11/95). The PM-10 emission factor given is assumed to be equivalent to the filterable PM emission factor since no data was given.

**Methodology**

Emission factors are from AP 42 Table 9.9.1-1 Particulate Emission Factors for Grain Elevators (Supplement D, 5/98) (exceptions are noted)  
 Potential Emissions in ton/yr = Throughput (ton/hr) \* Emission factor (lb/ton) \* 8760 (hours/day) / 2000 (lbs/ton)

**Appendix A: Emission Calculations**  
**LPG-Propane -Dryer**

**Company Name:** Gavilon Grain, LLC dba Peavey Company - Glenwood  
**Address City IN Zip:** 866 N 600 E, Rushville, IN 46173  
**Permit Number:** M139-28020-00021  
**Reviewer:** Summer Keown  
**Date:** November 10, 2008

Heat Input Capacity  
MMBtu/hr

Potential Throughput  
kgals/year

SO2 Emission factor = 0.10 x S  
 S = Sulfur Content = 0.50 grains/100ft<sup>3</sup>

36.82

3525.06

	Pollutant					
Emission Factor in lb/kgal	PM* 0.7	PM10* 0.2	SO2 0.1 (0.10S)	NOx 13.0	VOC 1.0 **TOC value	CO 7.5
Potential Emission in tons/yr	1.23	0.35	0.09	22.91	1.76	13.22

\*PM emission factor is filterable PM and condensable PM only. PM10 emission factor is assumed to be the same as filterable PM based on a footnote in Table 1.5-1.

\*\*The VOC value given is TOC. The methane emission factor is 0.2 lb/kgal.

**Methodology**

1 gallon of LPG has a heating value of 94,000 Btu

1 gallon of propane has a heating value of 91,500 Btu (use this to convert emission factors to an energy basis for propane)

(Source - AP-42 Chapter 1.5 (07/08))

Potential Throughput (kgals/year) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1kgal per 1000 gallon x 1 gal per 0.0915 MMBtu

Criteria Pollutant Emission Factors are from AP-42, Chapter 1.5 (07/08) (SCC #1-02-010-02)

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

**Appendix A: Emission Calculations**  
**LPG-Propane - Industrial Boilers**  
**Hazardous Air Pollutants (HAPs)**

**Company Name:** Gavilon Grain, LLC dba Peavey Company - Glenwood  
**Address City IN Zip:** 866 N 600 E, Rushville, IN 46173  
**Permit Number:** M139-28020-00021  
**Reviewer:** Summer Keown  
**Date:** November 10, 2008

	Pollutant				
Emission Factor in lb/kgal	Cadmium 1.01E-04	Chromium 1.28E-04	Lead 4.58E-05	Manganese 3.48E-05	Nickel 1.92E-04
Potential Emission in tons/yr	1.86E-06	2.36E-06	8.43E-07	6.41E-07	3.53E-06
Emission Factor in lb/kgal	Ethyl Benzene 1.01E-04	Formaldehyde 1.28E-04	Toluene 4.58E-05	Xylene 3.48E-05	Benzene 1.92E-04
Potential Emission in tons/yr	1.86E-06	2.36E-06	8.43E-07	6.41E-07	3.53E-06

**Methodology**

**Total HAPs: 1.85E-05**

1 gallon of LPG has a heating value of 94,000 Btu

1 gallon of propane has a heating value of 91,500 Btu (use this to convert emission factors to an energy basis for propane)

(Source - AP-42 (Supplement B 10/96) page 1.5-1)

Potential Throughput (kgals/year) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1kgal per 1000 gallon x 1 gal per 0.0915 MMBtu

HAPs Emission Factors are from CEIDARS and were submitted by the source.

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

**Appendix A: Emission Calculations  
Unpaved Road Fugitive Emissions**

**Company Name:** Gavilon Grain, LLC dba Peavey Company - Glenwood  
**Address City IN Zip:** 866 N 600 E, Rushville, IN 46173  
**Permit Number:** M139-28020-00021  
**Reviewer:** Summer Keown  
**Date:** November 10, 2008

$$E = k (s/12)^a (W/3)^b$$

E = size-specific emission factor (lb/VMT)  
s = surface material silt content (%) 2.60  
W = mean vehicle weight (tons) 19.2  
Maximum round trips at peak hour 25  
Distance of one-way trip 0.15 miles  
Vehicle miles traveled (VMT) at peak hour 8 miles/hour  
Maximum hours operated per year 8,760

Pollutant	k	a	b
PM	4.9	0.7	0.45
PM10	1.5	0.9	0.45
PM2.5	0.15	0.9	0.45

Pollutant	E (lb/VMT)	Emissions (Tons/yr)
PM	3.8698	127.12
PM10	0.8725	28.66
PM2.5	0.0872	2.87