



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: March 24, 2011

RE: Consolidated Grain and Barge Company / 029-30013-00024

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

Notice of Decision – Approval

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

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

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

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

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

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

Enclosures
FNPER-AM.dot12/3/07



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Scott Perkins
Consolidated Grain and Barge Company
210 George Street
Aurora, Indiana 47001

March 24, 2011

Re: 029-30013-00024
First Notice-Only Change to
M029-28523-00024

Dear Scott Perkins:

Consolidated Grain and Barge Company was issued a Minor Source Operating Permit (MSOP) Renewal No. M029-28523-00024 on January 27, 2010, for a stationary whole grain handling operation located at 210 George Street, Aurora, Indiana 47001. On December 15, 2010, the Office of Air Quality (OAQ) received an application from the source requesting approval to construct and operate a new bulk product storage and transfer operation that is of the same type as the other permitted storage and transfer operations at the source. The new storage and transfer operation will comply with the same applicable requirements and permit terms and conditions as the existing storage and transfer operations, but will not cause the source's potential to emit to be greater than the threshold levels specified in 326 IAC 2-2 or 326 IAC 2-3 (see attached updated potential to emit calculations). The uncontrolled/unlimited potential to emit of the entire source will continue to be less than the threshold levels specified in 326 IAC 2-7. The addition of the new storage and transfer operation to the permit is considered a notice-only change pursuant to 326 IAC 2-6.1-6(d)(13).

As a result of this modification, the potential to emit (PTE) of fugitive particulate matter (PM) is now greater than 25 tons per year. Therefore, the source is now subject to the requirements of 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations) and must control fugitive PM emissions according to a Fugitive Dust Control Plan (FDCP) (now attached to the permit as Attachment A).

The source also requested that the facility description for the column grain dryer in Sections A.2 and D.1 of the permit be revised to indicate that it does not exhaust through a stack but through the column wall perforations.

Pursuant to the provisions of 326 IAC 2-6.1-6, the permit is hereby revised as follows with the deleted language as strikeouts and new language **bolded**.

1. The facility descriptions in Sections A.2 and D.1 of the permit have been revised to include the new bulk product storage and transfer operation, to re-organize the emission unit list to better described the operations at the source, and to include descriptions that were previously included in the calculations but not included in the emission unit list as follows:

Main Dock: Grain Transfer, Handling, and Storage

- (a) One (1) natural gas fired column grain dryer, rated at 12.0 million (MM) British thermal units (Btu) per hour, processing a maximum of 2,000 bushels of grain per hour, exhausting through-stack S-3 **the column wall perforations**;

- (b) One (1) main grain dump shed (two sided) enclosing two (2) dump pits (Pits #1 and #2), with a maximum capacity of 1200 tons per hour, with a baghouse for particulate matter control, exhausting through stack S-1;
- (c) One (1) grain dump shed (two sided) enclosing one (1) dump pit (Pit # 3), with a maximum capacity of 600 tons per hour, controlled with baghouse for particulate matter, exhausting through stack S-2;
- (d) One (1) grain dump shed (two sided) enclosing one (1) dump pit (Pit # 4), with a maximum capacity of 450 tons per hour, controlled by choke feeding to control particulate matter;
- (e) Two (2) steel storage bins (ID Nos. 1 and 2), each with a storage capacity of 750 tons;
- (f) Two (2) steel storage bins (ID Nos. 3 and 4), each with a storage capacity of 750 tons;
- (g) Two (2) steel storage bins (ID Nos. 5 and 6), each with a storage capacity of 7560 tons;
- (h) One (1) steel storage bin (ID No. 7) with a storage capacity of 390 tons;
- (i) One (1) steel storage bin (ID No. 8) with a storage capacity of 18,403 tons;
- (j) Four (4) enclosed reclaim (belt, drag) conveyors with maximum capacity of 600 tons per hour;
- (k) Eight (8) enclosed bin fill spouts with maximum capacity of 600 tons per hour;
- (l) Five (5) enclosed bin fill conveyors with maximum capacity of 600 tons per hour;
- (m) Two (2) enclosed distributors with maximum capacity of 600 tons per hour;
- (n) Three (3) enclosed bucket elevator(s) with maximum capacity of 900 tons per hour;
- (o) One (1) enclosed wet grain bucket elevator with maximum capacity of 150 tons per hour;
- (p) One (1) enclosed dry grain bucket elevator with maximum capacity of 150 tons per hour;
- (q) One (1) enclosed railcar loading spout with a maximum capacity of 540 tons per hour;
- (r) One (1) enclosed telescoping barge loading spout with a maximum capacity of 1200 tons per hour;
- ~~(s) One (1) 3 cubic yard clamshell bucket crane with maximum capacity of 300 tons per hour for unloading bulk product barges and direct loading of trucks;~~
- (ts) One (1) covered barge loading belt with a maximum capacity of 1200 tons per hour;
- (ut) One (1) covered barge loading belt with a maximum capacity of 450 tons per hour;
- (vu) One (1) covered truck load out belt with a maximum capacity of 170 tons per hour;
- (wv) One (1) truck load out spout with a maximum capacity of 340 tons per hour;
- (w) Receiving and shipping of grain by paved roads.**

Dock 4: Bulk Product Transfer, Handling, and Storage

- (x) **One (1) 3 cubic yard clamshell bucket crane, identified as E-1, constructed prior to 2004, with maximum capacity of 300 tons per hour for unloading bulk product barges or railcars and direct loading of trucks and the portable bulk conveyor system;**
 - (xy) **One (1) portable conveyor for moving petroleum coke and oversize product, from trucks to the bulk storage areas and then to barges, approved for construction in 2007, with a maximum capacity of 300 tons of materials per hour; and**
 - (yz) **One (1) portable bulk conveyor system, constructed in 2009, consisting of the following:**
 - (1) **One (1) portable hopper with belt feeder, identified as SCC-1, with a maximum throughput of 300 tons per hour.**
 - (2) **Four (4) portable bulk conveyors, identified as yard conveyors #1YC-1 through #4YC-4, with a maximum throughput of 300 tons per hour, each.**
 - (3) **One (1) barge conveyor, identified as Bbarge conveyor #5C-19, with a maximum throughput of 300 tons per hour.**
 - (aa) **Six (6) bulk product storage areas, identified as Storage Areas 1 through 6;**
 - (bb) **Receiving and shipping of bulk products by paved roads;**
 - (cc) **One (1) bulk products transfer and storage operation, approved for construction in 2011, consisting of the following:**
 - (1) **Unloading of bulk products from barge or railcar into trucks using clamshell bucket crane E-1, with a maximum capacity of 120 tons per hour.**
 - (2) **Unloading of bulk products from truck to one (1) bulk conveyor, identified as yard conveyor YC-5, with a maximum throughput of 120 tons per hour.**
 - (3) **One (1) bulk products storage building, identified as Storage Area 7.**
 - (4) **Loading of bulk products into one (1) hopper/conditioner with conveyor, identified as HC-1, with a maximum throughput of 120 tons per hour, using front end loaders, exhausting to the indoors of the storage building.**
 - (5) **Loading of bulk products into trucks and offsite shipment.**
2. The permit has been revised to include a new Condition C.5 containing the requirements of 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations) and a Fugitive Dust Control Plan (FDCP) is now attached to the permit as Attachment A (*note: the FDCP is now included in its entirety in the MSOP as Attachment A, but the FDCP is not shown in bold and strikethrough text in this letter*).

- Condition D.1.1 of the permit has been revised to indicate that it only applies to operations associated with the grain elevator.

D.1.1 Nonattainment Area Limitations Except Lake County [326 IAC 6.5-1]

Pursuant to 326 IAC 6.5-1-2(d)(2), the Permittee shall comply with the following **for operations associated with the grain elevator:**

- Condition D.1.2 of the permit has been revised to include the requirements for the bulk conveyor YC-5 and the hopper/conditioner HC-1 and to remove a compliance summary table which is not required for the permit.

D.1.2 Particulate Matter Limitations [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2(a), particulate matter (PM) emissions from each facility used for grain receiving, handling, drying, storage, bin loading, and grain shipping, the portable conveyor, and the bulk conveyor system, **the bulk conveyor YC-5, and the hopper/conditioner HC-1** shall each not exceed 0.03 grain per dry standard cubic foot (gr/dscf).

Facility	Process Weight Rate (tons/hr)	Stack Flow Rate (acfm)	Allowable Particulate Emission (lb/hr)* (6.5-1-2)	Potential Emissions (lb/hr)**	Controlled Emissions (lb/hr)	Able to Comply?
natural gas fired column grain dryer***	60			13.20	13.20	N/A
Dump Pits #1 & #2	1200	114700	29.49	216.00	2.16	yes
Dump Pit #3	600	20000	5.14	108.00	1.08	yes

No other facilities at the source have a stack flow rate used to calculate the 326 IAC 6.5-1-2 Allowable Particulate Emissions.

*E = Flow rate of stack (acfm) * .03 gr/cm * 1 lb / 7000 gr * 60 min / hr, pursuant to 6.5-2-1

** For purposes of determining compliance with this rule, potential emissions were calculated using the maximum process weight rates for each unit and the PM emission factors, in lb/ton from US EPA's AP-42, Section 9.9.1, Table 9.9.1-1. These calculations do not represent the PTE of the source, which is based on the maximum grain throughput to the source, calculated using guidance from US EPA.

*** Pursuant to 326 IAC 6.5-1-1(b) Particulate limitations shall not be established for combustion units that burn only natural gas at sources or facilities identified in 326 IAC 6.5-2 through 326 IAC 6.5-10, as long as the units continue to burn only natural gas.

IDEM, OAQ has decided to make additional revisions to the permit as described below in order to update the language to match the most current version of the applicable rule, to eliminate redundancy within the permit, and to provide clarification regarding the requirements of these conditions.

- Section A.1 of the permit and the reporting forms have been revised to remove all references to the source mailing address. IDEM, OAQ will continue to maintain records of the mailing address.
- For clarity, IDEM has changed references to the general conditions: "in accordance with Section B", in accordance with Section C", or other similar language to "Section C...contains the Permittee's obligations with regard to the records required by this condition."
- IDEM has decided that the phrases "no later than" and "not later than" are clearer than "within" in relation to the end of a timeline. Therefore all timelines have been switched to "no later than" or "not later than" except when the underlying rule states "within."

4. IDEM has determined that rather than having a certification condition and various references throughout the permit as to whether a particular report, notice, or correspondence needs to include a certification, the specific conditions that require an affirmation of truth and completeness shall state so. The certification condition has been removed. All statements to whether a certification, pursuant to the former Section B - Certification, is needed or not have been removed. Section B - Credible Evidence and Section C - Asbestos Abatement Projects still require certification as the underlying rules also require certifications.
5. IDEM has decided to clarify the requirements of Section B – Preventive Maintenance Plan and to add a new paragraph (b) to handle a future situation where the Permittee adds units that need preventive maintenance plans.
6. IDEM has revised Section B - Permit Renewal paragraph (c) to state which rule establishes the authority to set a deadline for the Permittee to submit additional information.
7. IDEM has added 326 IAC 5-1-1 to the exception clause of Section C - Opacity, since 326 IAC 5-1-1 does list exceptions.
8. IDEM has revised Section C - Incineration to more closely reflect the two underlying rules.
9. IDEM has removed the first paragraph of Section C - Performance Testing as due to the fact that specific testing conditions elsewhere in the permit will specify the timeline and procedures.
10. IDEM has removed Section C - Monitoring Methods. The conditions that require the monitoring or testing, if required, state what methods shall be used.
11. IDEM has revised Section C - Response to Excursions or Exceedances. The introduction sentence has been added to clarify that it is only when an excursion or exceedance is detected that the requirements of this condition need to be followed. The word "excess" was added to the last sentence of paragraph (a) because the Permittee only has to minimize excess emissions. The middle of paragraph (b) has been deleted as it was duplicative of paragraph (a). The phrase "or are returning" was added to subparagraph (b)(2) as this is an acceptable response assuming the operation or emission unit does return to normal or its usual manner of operation. The phrase "within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable" was replaced with "normal or usual manner of operation" because the first phrase is just a limited list of the second phrase. The recordkeeping required by paragraph (e) was changed to require only records of the response because the previously listed items are required to be recorded elsewhere in the permit.
12. IDEM has revised Section C - Actions Related to Noncompliance Demonstrated by a Stack Test. The requirements to take response steps and minimize excess emissions have been removed because Section C - Response to Excursions or Exceedances already requires response steps related to exceedances and excess emissions minimization. The start of the timelines was switched from "the receipt of the test results" to "the date of the test." There was confusion if the "receipt" was by IDEM, the Permittee, or someone else. Since the start of the timelines has been moved up, the length of the timelines was increased. The new timelines require action within a comparable timeline; and the new timelines still ensure that the Permittee will return to compliance within a reasonable timeframe.
13. The voice of paragraph (b) of Section C - General Record Keeping Requirements has been changed to clearly indicate that it is the Permittee that must follow the requirements of the paragraph.
14. IDEM has included the replacement of an instrument as an acceptable action in Section D - Parametric Monitoring.

15. IDEM has revised Condition D.1.7 (Broken or Failed Bag Detection) of the permit to clarify that when a baghouse failure has been detected operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of the permit (Section C - Response to Excursions or Exceedances).
16. The word "status" has been added to Section D - Record Keeping Requirements. The Permittee has the obligation to document the compliance status. The wording has been revised to properly reflect this.
17. Upon further review, IDEM has determined that it is the Permittee's responsibility to include routine control device inspection requirements in the applicable preventive maintenance plan. Since the Permittee is in the best position to determine the appropriate frequency of control device inspections and the details regarding which components of the control device should be inspected, the conditions requiring control device inspections have been removed from the permit. In addition, the requirement to keep records of the inspections has been removed.

The permit has been revised as follows with deleted language as ~~strikeouts~~ and new language **bolded**:

~~SECTION B~~ **GENERAL CONDITIONS**

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

~~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 2-1.1-1) 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, M029-28523-00024, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.~~

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

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

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

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

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

~~B.4~~ **Enforceability**

~~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**

~~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

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

B.7 — Duty to Provide Information

- (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

- (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)]

- (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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53-IGCN-1003
Indianapolis, IN 46204-2254
- (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]

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

- (a) All terms and conditions of permits established prior to M029-28523-00024 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)]

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]

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

Request for renewal shall be submitted to:

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

- (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]~~

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

~~Any such application 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~~

~~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]~~

~~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]~~

- (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
Permit Administration and Support Section, 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]~~

- (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]~~

~~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 — 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.2 — Opacity [326 IAC 5-1]~~

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

- ~~(a) — Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.~~
- ~~(b) — Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.~~

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

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

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

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

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

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

~~C.6 — Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]~~

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

- (b) ~~The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:~~
- (1) ~~When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or~~
 - (2) ~~If there is a change in the following:~~
 - (A) ~~Asbestos removal or demolition start date;~~
 - (B) ~~Removal or demolition contractor; or~~
 - (C) ~~Waste disposal site.~~
- (c) ~~The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).~~
- (d) ~~The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).~~

~~All required notifications shall be submitted to:~~

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

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

- (e) ~~Procedures for Asbestos Emission Control~~
~~The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.~~
- (f) ~~Demolition and Renovation~~
~~The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).~~
- (g) ~~Indiana Licensed Asbestos Inspector~~
~~The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.~~

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

~~C.7 — Performance Testing [326 IAC 3-6]~~

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

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

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

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

- ~~(b) — The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- ~~(c) — Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty five (45) day period.~~

Compliance Requirements [326 IAC 2-1.1-11]

~~C.8 — 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 2-6.1-5(a)(2)]

~~C.9 — Compliance Monitoring [326 IAC 2-1.1-11]~~

~~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.10 — 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.11 — Instrument Specifications [326 IAC 2-1.1-11]~~

- ~~(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.12 — Response to Excursions or Exceedances

- (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.13 — Actions Related to Noncompliance Demonstrated by a Stack Test

- (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.14 Malfunctions Report [326 IAC 1-6-2]~~

~~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.15 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-16 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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 4003
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) 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 B

GENERAL CONDITIONS

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

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 2-1.1-1) 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, M029-28523-00024, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

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

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

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

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

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

B.4 Enforceability

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

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

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

B.7 Duty to Provide Information

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

B.8 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 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.9 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

- (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

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

- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
- (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The Permittee shall implement the PMPs.

- (c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions.
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.10 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to M029-28523-00024 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.11 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

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.12 Permit Renewal [326 IAC 2-6.1-7]

(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 an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

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

- (1) Submitted at least 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, pursuant to 326 IAC 2-6.1-4(b), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.13 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]

(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
Permit Administration and Support Section, Office of Air Quality

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

- (c) The Permittee shall notify the OAQ no later than thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

B.14 Source Modification Requirement

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

B.15 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]

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.16 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

-
- (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
Permit Administration and Support Section, 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 an affirmation that the statements in the application are true and complete 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.17 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees due no later than 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.18 Credible Evidence [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 2-6.1-5(a)(1)]

C.1 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.2 Opacity [326 IAC 5-1]

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

- (a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

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

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

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

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

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

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

C.6 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the attached plan as in Attachment A.

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

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

- (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project.

- (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]

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

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

Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date.

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

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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 Instrument Specifications [326 IAC 2-1.1-11]

-
- (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.12 Response to Excursions or Exceedances

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

- (a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:

- (1) initial inspection and evaluation;
 - (2) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to normal or usual manner of operation.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
- (1) monitoring results;
 - (2) review of operation and maintenance procedures and records; and/or
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall record the reasonable response steps taken.

C.13 Actions Related to Noncompliance Demonstrated by a Stack Test

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.
- (b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

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

C.14 Malfunctions Report [326 IAC 1-6-2]

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

C.16 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 and Enforcement Branch, 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) 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.

D.1.3 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 these facilities and their control devices. **Section B – Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.**

...

D.1.5 Visible Emissions Notations

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

D.1.6 Parametric Monitoring

- (a) The Permittee shall record the ~~total static pressure drop across the baghouses used in conjunction with the grain dump pits #1, #2 and #3, at least once per day when the processes are in operation. When for any one reading, the pressure drop across the baghouse is outside the normal range of 0.5 and 5.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps.~~ ~~in accordance with Section C- Response to Excursions or Exceedances.~~ **contains the Permittee's obligation with regard to the reasonable response steps required by this condition.** A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps ~~in accordance with Section C- Response to Excursions or Exceedances,~~ shall be considered a deviation from this permit.
- (b) The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated **or replaced** at least once every six (6) months.

D.1.7 Broken or Failed Bag Detection

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

...

D.1.8 Record Keeping Requirements

- (a) To document **the compliance status** with Condition D.1.5, the Permittee shall maintain records once per day of visible emission notations of the baghouse exhausts, used in conjunction with the three (3) grain dump pits #1, #2 and #3. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation (e.g., the process did not operate that day).

- (b) To document **the compliance status** with Condition D.1.6, the Permittee shall maintain records once per day of the pressure drop across the baghouse, used in conjunction with the three (3) grain dump pits #1, #2 and #3. 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) ~~To document compliance with Condition D.1.3, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.~~
- (dc) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit **contains the Permittee's obligations with regard to the records required by this condition.**

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

MINOR SOURCE OPERATING PERMIT (MSOP)
CERTIFICATION

Source Name: Consolidated Grain and Barge Company
Source Address: 210 George Street, Aurora, Indiana 47001
Mailing Address: 210 George St, Aurora, IN 47001
MSOP No.: M029-28523-00024

~~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:

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

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

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Nathan Bell, of my staff, at 317-233-5670 or 1-800-451-6027, and ask for extension 3-5670.

Sincerely,



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

Attachments: Updated Permit and Calculations

ACD/ncb

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

Emission Calculations
Emissions Summary

Company Name: Consolidated Grain & Barge Company
Source Address: 210 George Street, Aurora, Indiana 47001
MSOP No.: M029-28523-00024
Notice-Only Change No.: M029-30013-00024
Reviewer: Nathan C. Bell

Process Description	Uncontrolled/Unlimited Potential to Emit (PTE) (tons/year)*									
	PM	PM10	PM2.5	SO2	NOx	VOC	CO	Total HAPs	Worst Single HAP	
Non-Fugitive Emissions										
Grain Handling and Drying	100.50	35.86	6.05	0.0	0.0	0.0	0.0	0.0	0.0	---
Natural Gas Combustion	0.10	0.40	0.40	0.03	5.26	0.29	4.42	0.10	0.09	hexane
Petroleum Coke and Oversize Product Handling (non-	2.15	1.02	0.15	0.0	0.0	0.0	0.0	0.0	0.0	---
Bulk Conveyor System	12.88	6.09	0.92	0.0	0.0	0.0	0.0	0.0	0.0	---
Bulk Products Handling (non-fugitive)	1.72	0.81	0.12	0.0	0.0	0.0	0.0	0.0	0.0	---
Total PTE (Non-Fugitive)**	117.35	44.18	7.65	0.03	5.26	0.29	4.42	0.10	0.09	hexane
Fugitive Emissions**										
Petroleum Coke and Oversize Product Handling (fugitive)	4.29	2.03	0.31	0.0	0.0	0.0	0.0	0.0	0.0	---
Bulk Products Handling (fugitive)	2.58	1.22	0.18	0.0	0.0	0.0	0.0	0.0	0.0	---
Storage Piles	2.31	0.81	0.81	0.0	0.0	0.0	0.0	0.0	0.0	---
Paved Roads***	113.41	22.68	5.57	0.0	0.0	0.0	0.0	0.0	0.0	---
Total PTE (Fugitive)**	122.59	26.74	6.87	0.00	0.00	0.00	0.00	0.0	0.0	---
Total PTE (Non-Fugitive and Fugitive)**	239.93	70.91	14.52	0.03	5.26	0.29	4.42	0.10	0.09	hexane

Process Description	Controlled/Unlimited Potential to Emit (PTE) (tons/year)*									
	PM	PM10	PM2.5	SO2	NOx	VOC	CO	Total HAPs	Worst Single HAP	
Non-Fugitive Emissions										
Grain Handling and Drying	4.85	1.83	0.31	0.0	0.0	0.0	0.0	0.0	0.0	---
Natural Gas Combustion	0.10	0.40	0.40	0.03	5.26	0.29	4.42	0.10	0.09	hexane
Petroleum Coke and Oversize Product Handling (non-	2.15	1.02	0.15	0.0	0.0	0.0	0.0	0.0	0.0	---
Bulk Conveyor System	12.88	6.09	0.92	0.0	0.0	0.0	0.0	0.0	0.0	---
Bulk Products Handling (non-fugitive)	1.72	0.81	0.12	0.0	0.0	0.0	0.0	0.0	0.0	---
Total PTE (Non-Fugitive)**	21.69	10.15	1.91	0.03	5.26	0.29	4.42	0.10	0.09	hexane
Fugitive Emissions**										
Petroleum Coke and Oversize Product Handling (fugitive)	4.29	2.03	0.31	0.0	0.0	0.0	0.0	0.0	0.0	---
Bulk Products Handling (fugitive)	2.58	1.22	0.18	0.0	0.0	0.0	0.0	0.0	0.0	---
Storage Piles****	1.15	0.40	0.40	0.0	0.0	0.0	0.0	0.0	0.0	---
Paved Roads****	56.70	11.34	2.78	0.0	0.0	0.0	0.0	0.0	0.0	---
Total PTE (Fugitive)**	64.73	14.99	3.68	0.00	0.00	0.00	0.00	0.0	0.0	---
Total PTE (Non-Fugitive and Fugitive)**	86.42	25.15	5.59	0.03	5.26	0.29	4.42	0.10	0.09	hexane

Notes:

*Potential to Emit (PTE) is based on rated capacity at 8,760 hours/year.

**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. However, since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 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 and Part 70 Permit applicability.

***Mitigated PTE (tons/yr) is taking natural mitigation due to precipitation into consideration.

****Controlled PTE (tons/yr) pursuant to control measures outlined in fugitive dust control plan.

**Emission Calculations
Grain Elevator Operations**

**Company Name: Consolidated Grain & Barge Company
Source Address: 210 George Street, Aurora, Indiana 47001
MSOP No.: M029-28523-00024
Notice-Only Change No.: M029-30013-00024
Reviewer: Nathan C. Bell**

Potential Grain Receiving Throughput* 714,860 tons/year
 Potential Grain Drying Throughput 5,943 tons/year
 Potential Grain Bin Loading Throughput 324,512 tons/year

Process	Subtype	Percent Processed	Potential Throughput (tons/year)	Emission Factor (lb/ton)***			Potential Emissions (ton/year)			Type of Control	Control Efficiency****	Controlled Emissions (tons/year)		
				PM	PM10	PM2.5	PM	PM10	PM2.5			PM	PM10	PM2.5
Grain Receiving**	Hopper	100%	714,860	0.035	0.0078	0.0013	12.510	2.788	0.465	Enclosure and Baghouse	99%	0.13	0.03	0.005
	Straight	100%	714,860	0.18	0.059	0.01	64.337	21.088	3.574			0.64	0.21	0.04
Column Grain Drying			5,943	0.22	0.055	0.0094	0.654	0.163	0.028	None	0%	0.65	0.16	0.03
Headhouse and Grain Handling			714,860	0.061	0.034	0.0058	21.803	12.153	2.073	Enclosure	90%	2.18	1.22	0.21
Bin Loading			324,512	0.025	0.0063	0.0011	4.056	1.022	0.178	Enclosure	90%	0.41	0.10	0.02
Grain Shipping**	Barge	100%	714,860	0.016	0.004	0.00055	5.719	1.430	0.197	Enclosure	90%	0.57	0.14	0.02
	Rail	100%	714,860	0.027	0.0022	0.00037	9.651	0.786	0.132			0.97	0.08	0.01
Total Worst Case**							100.50	35.86	6.05			4.85	1.83	0.31

Methodology:

Potential Emissions (tons/year) = Throughput (tons/year) x Emission Factor (lb/ton) x 1 ton/2000 pound:

Controlled Emissions (tons/year) = Potential Emissions (tons/year) x (1-Control Efficiency).

*Throughput is total maximum amount of grain received equals the 5 year maximum received multiplied by a factor of 1.2. This is based on the EPA memorandum dated November 14, 1995 on calculating the potential to emit and other guidance for grain handling facilities. The source provided this data on November 23, 2009.

As of May 2009, the 5 year maximum amount of grain received was 595,717 tons/year, consisting of corn (425,456 tpy), soybean (159,100 tpy), wheat (11,161 tpy). The potential annual grain received is calculated as 595,717 tpy * 1.2 = 714,860 tons/year

As of May 2009, the 5 year maximum amount of grain dried was 4953 tons/year. The potential annual grain dried is calculated as 4953 tpy * 1.2 = 5943 tons/yr;

** More than one method of shipping and receiving is utilized at the source. The worst-case shipping and receiving scenario has been assumed. For Receiving the source uses Hoppe Trucks and Straight Trucks, the emission factor for Straight Trucks is about five times higher than the emission factor for Hopper Trucks; therefore it is assumed that all grain is received by Straight Trucks. The source ships by barge and by rail, the emission factor for shipping and rail are different for each pollutant; Therefore it is assumed that the source uses the shipping method with the worst case emission factor for each pollutant to ship all the grain.

***Emission factors from AP-42 Ch. 9.9.1, Grain Elevators and Processes, Table 9.9.1-1 (3/03)

****Control Efficiency is 99% for grain receiving with the use of enclosure and a baghouse, is 90% for Head House, Grain Handling, Bin Loading, and Grain Shipping equipped with enclosure only, and is 0% for the Column Grain Drying with no control devices.

**Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
Column Grain Dryer**

**Company Name: Consolidated Grain & Barge Company
Source Address: 210 George Street, Aurora, Indiana 47001
MSOP No.: M029-28523-00024
Notice-Only Change No.: M029-30013-00024
Reviewer: Nathan C. Bell**

Heat Input Capacity
MMBtu/hr
12.0

Potential Throughput
MMCF/yr
105.1

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10/PM2.5*	SO2	NOx	VOC	CO
	1.9	7.6	0.6	100 **see below	5.5	84
Potential Emission in tons/yr	0.10	0.40	0.03	5.26	0.29	4.42

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

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

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

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

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

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

Emission Factor in lb/MMcf	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Potential Emission in tons/yr	1.10E-04	6.31E-05	3.94E-03	9.46E-02	1.79E-04

Emission Factor in lb/MMcf	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
Potential Emission in tons/yr	2.63E-05	5.78E-05	7.36E-05	2.00E-05	1.10E-04

Total HAPs 9.92E-02

Methodology is the same as above.

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.

**Emissions Calculations
Petroleum Coke and Oversize Product Handling**

Company Name: Consolidated Grain & Barge Company
Source Address: 210 George Street, Aurora, Indiana 47001
MSOP No.: M029-28523-00024
Notice-Only Change No.: M029-30013-00024
Reviewer: Nathan C. Bell

Drop Operations (AP-42 Section 13.2.4)

To estimate potential fugitive dust emissions from processing and handling of raw materials (batch or continuous drop operations), AP-42 emission factors for Aggregate Handling, Section 13.2.4 (fifth edition, 11/2006) are utilized.

$$E_f = k \cdot (0.0032)^M \cdot (U/5)^{1.3} / (M/2)^{1.4}$$

where: E_f = Emission factor (lb/ton)

- k (PM) = 0.74 = particle size multiplier (0.74 assumed for aerodynamic diameter <=100 um)
- k (PM10) = 0.35 = particle size multiplier (0.35 assumed for aerodynamic diameter <=10 um)
- k (PM2.5) = 0.053
- U = 9 = worst case annual mean wind speed (Source: NOAA, 2008*)
- M = 4.5 = material % moisture content of materials (assuming products are similar to coal)**
- E_f (PM) = 1.63E-03 lb PM/ton of material handled
- E_f (PM10) = 7.73E-04 lb PM10/ton of material handled
- E_f (PM2.5) = 1.17E-04 lb PM2.5/ton of material handled

Maximum Material Handling Throughput = 300 tons/hr
 Maximum Material Handling Throughput = 2,628,000 tons/yr

Type of Activity	Type of Emissions	Uncontrolled PTE of PM (tons/yr)	Uncontrolled PTE of PM10 (tons/yr)	PTE of PM2.5 (tons/yr)
Truck unloading of materials into storage piles	Fugitive	2.15	1.02	0.15
Front-end loader dumping of materials into conveyor hopper	Non-Fugitive	2.15	1.02	0.15
Conveyor dropping material to Barges	Fugitive	2.15	1.02	0.15
Total Fugitive Emissions (tons/yr)		4.29	2.03	0.31
Total Non-Fugitive Emissions (tons/yr)		2.15	1.02	0.15

Methodology

Potential to Emit (tons/yr) = (Maximum Material Handling Throughput (tons/yr)) * (Emission Factor (lb/ton)) * (ton/2000 lbs)

*Worst case annual mean wind speed (Greater Cincinnati Airport) from "Comparative Climatic Data", National Climatic Data Center, NOAA, 2008

**Worst case moisture content of petroleum coke and oversize product assumed equal to coal

Abbreviations

PM = Particulate Matter
 PM10 = Particulate Matter (<10 um)
 PTE = Potential to Emit

**Emissions Calculations
Bulk Conveyors #1 through #5**

**Company Name: Consolidated Grain & Barge Company
Source Address: 210 George Street, Aurora, Indiana 47001
MSOP No.: M029-28523-00024
Notice-Only Change No.: M029-30013-00024
Reviewer: Nathan C. Bell**

Drop Operations (AP-42 Section 13.2.4)

To estimate potential fugitive dust emissions from processing and handling of raw materials (batch or continuous drop operations), AP-42 emission factors for Aggregate Handling, Section 13.2.4 (fifth edition, 11/2006) are utilized.

$$E_f = k \cdot (0.0032)^U \cdot (U/5)^{1.3} / (M/2)^{1.4}$$

where: E_f = Emission factor (lb/ton)

k (PM) =	0.74	= particle size multiplier (0.74 assumed for aerodynamic diameter <=100 um)
k (PM10) =	0.35	= particle size multiplier (0.35 assumed for aerodynamic diameter <=10 um)
k (PM2.5) =	0.053	
U =	9	= worst case annual mean wind speed (Source: NOAA, 2008*)
M =	4.5	= material % moisture content of materials (assuming products are similar to coal)**
E_f (PM) =	1.63E-03	lb PM/ton of material handled
E_f (PM10) =	7.73E-04	lb PM10/ton of material handled
E_f (PM2.5) =	1.17E-04	lb PM2.5/ton of material handled

Maximum Material Handling Throughput = 300 tons/hr
Maximum Material Handling Throughput = 2,628,000 tons/yr

Type of Activity	Type of Emissions	Uncontrolled PTE of PM (tons/yr)	Uncontrolled PTE of PM10 (tons/yr)	Uncontrolled PTE of PM2.5 (tons/yr)
Hopper w/Belt Feeder (SCC-1)	Non-Fugitive	2.15	1.02	0.15
Conveyor #1 (YC-1)	Non-Fugitive	2.15	1.02	0.15
Conveyor #2 (YC-2)	Non-Fugitive	2.15	1.02	0.15
Conveyor #3 (YC-3)	Non-Fugitive	2.15	1.02	0.15
Conveyor #4 (YC-4)	Non-Fugitive	2.15	1.02	0.15
Barge Conveyor #5 (C-19)	Non-Fugitive	2.15	1.02	0.15
Total (tons/yr)		12.88	6.09	0.92

Methodology

Potential to Emit (tons/yr) = (Maximum Material Handling Throughput (tons/yr)) * (Emission Factor (lb/ton)) * (ton/2000 lbs)

*Worst case annual mean wind speed (Greater Cincinnati Airport) from "Comparative Climatic Data", National Climatic Data Center, NOAA, 2008

**Worst case moisture content of bulk products assumed equal to coal

Abbreviations

PM = Particulate Matter
PM10 = Particulate Matter (<10 um)
PTE = Potential to Emit

**Emissions Calculations
Bulk Products Transfer to Storage Area 7
(fertilizer pellets, salt, aggregate, bagged products, and specialty products)
Particulate Emissions**

**Company Name: Consolidated Grain & Barge Company
Source Address: 210 George Street, Aurora, Indiana 47001
MSOP No.: M029-28523-00024
Notice-Only Change No.: M029-30013-00024
Reviewer: Nathan C. Bell**

Drop Operations (AP-42 Section 13.2.4)

To estimate potential fugitive dust emissions from processing and handling of raw materials (batch or continuous drop operations), AP-42 emission factors for Aggregate Handling, Section 13.2.4 (fifth edition, 11/2006) are utilized.

$$E_f = k \cdot (0.0032)^k \cdot [(U/5)^{1.3} / (M/2)^{1.4}]$$

where: E_f = Emission factor (lb/ton)

- k (PM) = 0.74 = particle size multiplier (0.74 assumed for aerodynamic diameter <=100 um)
- k (PM10) = 0.35 = particle size multiplier (0.35 assumed for aerodynamic diameter <=10 um)
- k (PM2.5) = 0.053
- U = 9 = worst case annual mean wind speed (Source: NOAA, 2008*)
- M = 4.5 = material % moisture content of materials (assuming products are similar to coal)**
- E_f (PM) = 1.63E-03 lb PM/ton of material handled
- E_f (PM10) = 7.73E-04 lb PM10/ton of material handled
- E_f (PM2.5) = 1.17E-04 lb PM2.5/ton of material handled

Maximum Material Handling Throughput = 120 tons/hr
Maximum Material Handling Throughput = 1,051,200 tons/yr

Type of Activity	Type of Emissions	Uncontrolled PTE of PM (tons/yr)	Uncontrolled PTE of PM10 (tons/yr)	Uncontrolled PTE of PM2.5 (tons/yr)
Unloading bulk products from barge to truck using clamshell (Barge Dock 4)	Fugitive	0.86	0.41	0.06
Unloading bulk products from truck to portable conveyor (Storage Area 7)	Non-Fugitive	0.86	0.41	0.06
Unloading bulk products from conveyor to stacker tube storage pile (Storage Area 7)	Fugitive	0.86	0.41	0.06
Loading bulk products into conditioner/loadout conveyor hopper using front end loaders (Storage Area 7)	Non-Fugitive	0.86	0.41	0.06
Unloading bulk products from loadout conveyor to trucks (Storage Area 7)	Fugitive	0.86	0.41	0.06
Total Fugitive Emissions (tons/yr)		2.58	1.22	0.18
Total Non-Fugitive Emissions (tons/yr)		1.72	0.81	0.12

Methodology

Potential to Emit (tons/yr) = (Maximum Material Handling Throughput (tons/yr)) * (Emission Factor (lb/ton)) * (ton/2000 lbs)
*Worst case annual mean wind speed (Greater Cincinnati Airport) from "Comparative Climatic Data", National Climatic Data Center, NOAA, 2008
**Worst case moisture content of bulk products (fertilizer pellets, salt, aggregate, bagged products, and specialty products) assumed equal to coal

Abbreviations

PM = Particulate Matter
PM10 = Particulate Matter (<10 um)
PTE = Potential to Emit

**Emissions Calculations
Fugitive Dust Emissions from Storage Pile Wind Erosion**

**Company Name: Consolidated Grain & Barge Company
Source Address: 210 George Street, Aurora, Indiana 47001
MSOP No.: M029-28523-00024
Notice-Only Change No.: M029-30013-00024
Reviewer: Nathan C. Bell**

Material Storage Piles (AP-42 Section 11.2.3)

The following calculations determine the amount of emissions created by wind erosion of storage stockpiles, based on 8,760 hours of use and USEPA's AP-42 (Pre 1983 Edition), Section 11.2.3.

$$E_f = 1.7 \cdot (s/1.5) \cdot (365-p) / 235 \cdot (f/15)$$

where E_f = emission factor (lb/acre/day)

s = silt content (wt %)

p = 125 days of rain greater than or equal to 0.01 inches

f = 15 % of wind greater than or equal to 12 mph

Storage Area	Materials	Worst Case Silt Content (wt %)*	Emission Factor (lb/acre/day)	Maximum Anticipated Pile Size (acres)**	Unlimited PTE of PM (Before Control) (tons/yr)	Unlimited PTE of PM10/PM2.5 (Before Control) (tons/yr)
Storage Area 1	pig iron, ferro alloys	1.0	1.16	1.00	0.211	0.074
Storage Area 2	coke, coal, pig iron	4.6	5.32	1.00	0.972	0.340
Storage Area 3	bagged and specialty products	1.0	1.16	0.50	0.106	0.037
Storage Area 4	coke, coal, ferro alloys	4.6	5.32	0.25	0.243	0.085
Storage Area 5	coke, coal, ferro alloys	4.6	5.32	0.30	0.292	0.102
Storage Area 6	coke, coal, ferro alloys	4.6	5.32	0.50	0.486	0.170
Totals PTE (Before Control) =					2.31	0.81
Dust Control Efficiency =					50.0%	50.0%
Totals PTE (After Control) =					1.15	0.40

Note: At Storage Area 7, fertilizer pellets, salt, aggregate, bagged products, and specialty are stored within an enclosed building. Therefore, storage area 7 has no fugitive dust emissions from wind erosion.

Methodology

Unlimited PTE of PM (tons/yr) = (Emission Factor (lb/acre/day)) * (Maximum Pile Size (acres)) * (ton/2000 lbs) * (8760 hours/yr)

Unlimited PTE of PM10 (tons/yr) = (Potential PM Emissions (tons/yr)) * 35%

*Worst case silt content values are from AP-42 Table 13.2.4-1 (dated 11/2006) as follows:

- Storage Area 1: pig iron and ferro alloys assumed equal to limestone at a stone quarrying and processing facility
- Storage Area 2: coke, coal, and pig iron assumed equal to coal at a iron and steel production facility
- Storage Area 3: bagged and specialty products assumed equal to limestone at a stone quarrying and processing facility
- Storage Areas 4, 5, 6: coke, coal, and ferro alloys assumed equal to coal at a iron and steel production facility

**Maximum pile size (acres) provided by the source

**Emission Calculations
Fugitive Dust Emissions - Paved Roads**

**Company Name: Consolidated Grain & Barge Company
Source Address: 210 George Street, Aurora, Indiana 47001
MSOP No.: M029-28523-00024
Notice-Only Change No.: M029-30013-00024
Reviewer: Nathan C. Bell**

Maximum Corn Annual Throughput =	510,547	tons/year
Maximum Soybeans Annual Throughput =	190,920	tons/year
Maximum Wheat Annual Throughput =	13,393	tons/year
Total Maximum Grain Annual Throughput =	714,860	tons/year
Maximum Offsite Product Receiving by Truck Hourly Throughput =	300	tons/hour
Maximum Offsite Product Receiving by Truck Annual Throughput =	2,628,000	tons/year
Maximum Onsite Product Transfer by Truck Hourly Throughput =	120	tons/hour
Maximum Onsite Product Transfer by Truck Annual Throughput =	1,051,200	tons/year

Paved Roads at Industrial Site

The following calculations determine the amount of emissions created by paved roads, based on 8,760 hours of use and AP-42, Ch 13.2.1 (1/2011).

Process	Vehicle Type	Maximum Weight of Vehicle (tons)	Maximum Weight of Load (tons)	Maximum Weight of Vehicle and Load (tons/trip)	Maximum trips per year (trip/yr)	Total Weight driven per year (ton/yr)	Maximum one-way distance (feet/trip)*	Maximum one-way distance (miles/trip)	Maximum one-way miles (miles/yr)
Grain truck entering site full	Grain Tanker (5 axle bulk dry tanker)	19.0	26.0	45.0	2.7E+04	1.2E+06	600	0.11	3124.4
Grain truck leaving site empty	Grain Tanker (5 axle bulk dry tanker)	19.0	0.0	19.0	2.7E+04	5.2E+05	800	0.15	4165.9
Onsite utility/maintenance pickup truck (10 one-way trips per day)	Pickup Truck	2.5	0.7	3.2	3.7E+03	1.2E+04	2500	0.47	1728.2
Worst case offsite product truck traveling to storage areas full*	Dump truck (16 CY)	16.0	23.0	39.0	1.1E+05	4.5E+06	1000	0.19	21640.3
Worst case offsite product truck leaving storage areas empty*	Dump truck (16 CY)	16.0	0.0	16.0	1.1E+05	1.8E+06	1000	0.19	21640.3
Worst case onsite product transfer truck transporting material to storage area 7 full*	Dump truck (16 CY)	16.0	23.0	39.0	4.6E+04	1.8E+06	2500	0.47	21640.3
Worst case onsite product transfer truck traveling from storage area 7 to barge unloading dock empty*	Dump truck (16 CY)	16.0	0.0	16.0	4.6E+04	7.3E+05	2500	0.47	21640.3
Total					378,570	10,569,422			95,580

*The worst case fugitive emissions were determined as follows:

- offsite product trucks will travel a maximum one-way distance of 1000 feet, corresponding to the distance from the offsite road entry point to storage area 5.
- onsite product transfer trucks will travel a maximum one-way distance of 2500 feet, corresponding to the distance from the barge unloading dock to storage area 7.

Average Vehicle Weight Per Trip =	27.9	tons/trip
Average Miles Per Trip =	0.252	miles/trip

Unmitigated Emission Factor, $E_f = [k * (sL)^{0.91} * (W)^{1.02}]$ (Equation 1 from AP-42 13.2.1)

	PM	PM10	PM2.5	
where k =	0.011	0.0022	0.00054	lb/vMT = particle size multiplier (AP-42 Table 13.2.1-1)
W =	27.9	27.9	27.9	tons = average vehicle weight (provided by source)
sL =	9.7	9.7	9.7	g/m ² = silt loading value for paved roads at iron and steel production facilities - Table 13.2.1-3)

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, $E_{ext} = E * [1 - (p/4N)]$

Mitigated Emission Factor, $E_{ext} = E * [1 - (p/4N)]$	
where p =	125
N =	365

days of rain greater than or equal to 0.01 inches (see Fig. 13.2.1-2)
days per year

	PM	PM10	PM2.5	
Unmitigated Emission Factor, $E_f =$	2.60	0.52	0.13	lb/mile
Mitigated Emission Factor, $E_{ext} =$	2.37	0.47	0.12	lb/mile
Dust Control Efficiency =	50%	50%	50%	(pursuant to control measures outlined in fugitive dust control plan)

Process	Vehicle Type	Unmitigated PTE of PM (tons/yr)	Unmitigated PTE of PM10 (tons/yr)	Unmitigated PTE of PM2.5 (tons/yr)	Mitigated PTE of PM (tons/yr)	Mitigated PTE of PM10 (tons/yr)	Mitigated PTE of PM2.5 (tons/yr)	Controlled PTE of PM (tons/yr)	Controlled PTE of PM10 (tons/yr)	Controlled PTE of PM2.5 (tons/yr)
Grain truck entering site full	Grain Tanker (5 axle bulk dry tanker)	4.05	0.81	0.20	3.71	0.74	0.18	1.85	0.37	0.09
Grain truck leaving site empty	Grain Tanker (5 axle bulk dry tanker)	5.41	1.08	0.27	4.94	0.99	0.24	2.47	0.49	0.12
Onsite utility/maintenance pickup truck (10 one-way trips per day)	Pickup Truck	2.24	0.45	0.11	2.05	0.41	0.10	1.03	0.21	0.05
Worst case offsite product truck traveling to storage areas full*	Dump truck (16 CY)	28.08	5.62	1.38	25.68	5.14	1.26	12.84	2.57	0.63
Worst case offsite product truck leaving storage areas empty*	Dump truck (16 CY)	28.08	5.62	1.38	25.68	5.14	1.26	12.84	2.57	0.63
Worst case onsite product transfer truck transporting material to storage area 7 full*	Dump truck (16 CY)	28.08	5.62	1.38	25.68	5.14	1.26	12.84	2.57	0.63
Worst case onsite product transfer truck traveling from storage area 7 to barge unloading dock empty*	Dump truck (16 CY)	28.08	5.62	1.38	25.68	5.14	1.26	12.84	2.57	0.63
Total		124.03	24.81	6.09	113.41	22.68	5.57	56.70	11.34	2.78

Methodology

Maximum Weight of Vehicle and Load (tons/trip) = [Maximum Weight of Vehicle (tons/trip)] + [Maximum Weight of Load (tons/trip)]
 Maximum trips per year (trip/yr) = [Throughput (tons/yr)] / [Maximum Weight of Load (tons/trip)]
 Total Weight driven per year (ton/yr) = [Maximum Weight of Vehicle and Load (tons/trip)] * [Maximum trips per year (trip/yr)]
 Maximum one-way distance (mi/trip) = [Maximum one-way distance (feet/trip)] / [5280 ft/mi]
 Maximum one-way miles (miles/yr) = [Maximum trips per year (trip/yr)] * [Maximum one-way distance (mi/trip)]
 Average Vehicle Weight Per Trip (ton/trip) = SUM[Total Weight driven per year (ton/yr)] / SUM[Maximum trips per year (trip/yr)]
 Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/yr)] / SUM[Maximum trips per year (trip/yr)]
 Unmitigated PTE (tons/yr) = (Maximum one-way miles (miles/yr)) * (Unmitigated Emission Factor (lb/mile)) * (ton/2000 lb)
 Mitigated PTE (tons/yr) = (Maximum one-way miles (miles/yr)) * (Mitigated Emission Factor (lb/mile)) * (ton/2000 lb)
 Controlled PTE (tons/yr) = [Mitigated PTE (tons/yr)] * [1 - Dust Control Efficiency]

Abbreviations

PM = Particulate Matter
 PM10 = Particulate Matter (<10 um)
 PM2.5 = Particulate Matter (<2.5 um)
 PTE = Potential to Emit

**Emissions Calculations
326 IAC 6.5-1-2 Compliance Determination**

**Company Name: Consolidated Grain & Barge Company
Source Address: 210 George Street, Aurora, Indiana 47001
MSOP No.: M029-28523-00024
Notice-Only Change No.: M029-30013-00024
Reviewer: Nathan C. Bell**

Facility	Maximum Process Weight Rate (tons/hr)	Stack Flow Rate (acfm)	Allowable Particulate Emission (grains/dscf) (326 IAC 6.5-1-2)	Allowable Particulate Emission (lb/hr)* (326 IAC 6.5-1-	Uncontrolled PM Emission Factor (lb/ton)	Potential PM Emissions (lb/hr)**	Control Device	Control Efficiency	Controlled PM Emissions (lb/hr)	Able to Comply?
natural gas fired column grain dryer***	60		N/A***	N/A***	0.22	13.20	none	0%	13.20	N/A***
Dump Pits #1 & #2	1200	114700	0.03	29.49	0.18	216.00	Enclosure & Baghouse	99.0%	2.16	yes
Dump Pit #3	600	20000	0.03	5.14	0.18	108.00	Enclosure & Baghouse	99.0%	1.08	yes

No other facilities at the source have a stack flow rate used to calculate the 326 IAC 6.5-1-2 Allowable Particulate Emissions.

*E= Flow rate of stack (acfm) * .03 gr/cm * 1 lb / 7000 gr * 60 min / hr, pursuant to 6.5-2-1

** For purposes of determining compliance with this rule, potential emissions were calculated using the maximum hourly process weight rates for each unit and the uncontrolled PM emission factors (in lb/ton) from US EPA's AP-42, Section 9.9.1, Table 9.9.1-1. These calculations do not represent the uncontrolled annual PTE of the source, which is based on the 5 year maximum amount of grain received by the source multiplied by a factor of 1.2, calculated pursuant a US EPA memorandum dated November 14, 1995 on calculating the potential to emit and other guidance for grain handling facilities.

*** Pursuant to 326 IAC 6.5-1-1(b) Particulate limitations shall not be established for combustion units that burn only natural gas at sources or facilities identified in 326 IAC 6.5-2 through 326 IAC 6.5-10, as long as the units continue to burn only natural gas.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

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Minor Source Operating Permit Renewal OFFICE OF AIR QUALITY

Consolidated Grain and Barge Company
210 George Street
Aurora, Indiana 47001

(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.: M029-28523-00024	
Original Signed and Issued by: Alfred C. Dumauual, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: January 27, 2010 Expiration Date: January 27, 2020

First Notice-Only Change No. 029-30013-00024	
Issued by:  Alfred C. Dumauual, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: March 24, 2011 Expiration Date: January 27, 2020

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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)]

The Permittee owns and operates a stationary whole grain handling operation.

Source Address:	210 George Street, Aurora, Indiana 47001
General Source Phone Number:	(812) 926-0740
SIC Code:	5153
County Location:	Dearborn County (Central Township)
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

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

Main Dock: Grain Transfer, Handling, and Storage

- (a) One (1) natural gas fired column grain dryer, rated at 12.0 million (MM) British thermal units (Btu) per hour, processing a maximum of 2,000 bushels of grain per hour, exhausting through the column wall perforations;
- (b) One (1) main grain dump shed (two sided) enclosing two (2) dump pits (Pits #1 and #2), with a maximum capacity of 1200 tons per hour, with a baghouse for particulate matter control, exhausting through stack S-1;
- (c) One (1) grain dump shed (two sided) enclosing one (1) dump pit (Pit # 3), with a maximum capacity of 600 tons per hour, controlled with baghouse for particulate matter, exhausting through stack S-2;
- (d) One (1) grain dump shed (two sided) enclosing one (1) dump pit (Pit # 4), with a maximum capacity of 450 tons per hour, controlled by choke feeding to control particulate matter;
- (e) Two (2) steel storage bins (ID Nos. 1 and 2), each with a storage capacity of 750 tons;
- (f) Two (2) steel storage bins (ID Nos. 3 and 4), each with a storage capacity of 750 tons;
- (g) Two (2) steel storage bins (ID Nos. 5 and 6), each with a storage capacity of 7560 tons;
- (h) One (1) steel storage bin (ID No. 7) with a storage capacity of 390 tons;
- (i) One (1) steel storage bin (ID No. 8) with a storage capacity of 18,403 tons;
- (j) Four (4) enclosed reclaim (belt, drag) conveyors with maximum capacity of 600 tons per hour;

- (k) Eight (8) enclosed bin fill spouts with maximum capacity of 600 tons per hour;
- (l) Five (5) enclosed bin fill conveyors with maximum capacity of 600 tons per hour;
- (m) Two (2) enclosed distributors with maximum capacity of 600 tons per hour;
- (n) Three (3) enclosed bucket elevator(s) with maximum capacity of 900 tons per hour;
- (o) One (1) enclosed wet grain bucket elevator with maximum capacity of 150 tons per hour;
- (p) One (1) enclosed dry grain bucket elevator with maximum capacity of 150 tons per hour;
- (q) One (1) enclosed railcar loading spout with a maximum capacity of 540 tons per hour;
- (r) One (1) enclosed telescoping barge loading spout with a maximum capacity of 1200 tons per hour;
- (s) One (1) covered barge loading belt with a maximum capacity of 1200 tons per hour;
- (t) One (1) covered barge loading belt with a maximum capacity of 450 tons per hour;
- (u) One (1) covered truck load out belt with a maximum capacity of 170 tons per hour;
- (v) One (1) truck load out spout with a maximum capacity of 340 tons per hour;
- (w) Receiving and shipping of grain by paved roads.

Dock 4: Bulk Product Transfer, Handling, and Storage

- (x) One (1) 3 cubic yard clamshell bucket crane, identified as E-1, constructed prior to 2004, with maximum capacity of 300 tons per hour for unloading bulk product barges or railcars and direct loading of trucks and the portable bulk conveyor system;
- (y) One (1) portable conveyor for moving petroleum coke and oversize product, from trucks to the bulk storage areas and then to barges, constructed in 2007, with a maximum capacity of 300 tons of materials per hour;
- (z) One (1) portable bulk conveyor system, constructed in 2009, consisting of the following:
 - (1) One (1) portable hopper with belt feeder, identified as SCC-1, with a maximum throughput of 300 tons per hour.
 - (2) Four (4) portable bulk conveyors, identified as yard conveyors YC-1 through YC-4, with a maximum throughput of 300 tons per hour, each.
 - (3) One (1) barge conveyor, identified as barge conveyor C-19, with a maximum throughput of 300 tons per hour.
- (aa) Six (6) bulk product storage areas, identified as Storage Areas 1 through 6;
- (bb) Receiving and shipping of bulk products by paved roads;
- (cc) One (1) bulk products transfer and storage operation, approved for construction in 2011, consisting of the following:

- (1) Unloading of bulk products from barge or railcar into trucks using clamshell bucket crane E-1, with a maximum capacity of 120 tons per hour.
- (2) Unloading of bulk products from truck to one (1) bulk conveyor, identified as yard conveyor YC-5, with a maximum throughput of 120 tons per hour.
- (3) One (1) bulk products storage building, identified as Storage Area 7.
- (4) Loading of bulk products into one (1) hopper/conditioner with conveyor, identified as HC-1, with a maximum throughput of 120 tons per hour, using front end loaders, exhausting to the indoors of the storage building.
- (5) Loading of bulk products into trucks and offsite shipment.

SECTION B

GENERAL CONDITIONS

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

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 2-1.1-1) 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, M029-28523-00024, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

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

B.4 Enforceability

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

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

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

B.7 Duty to Provide Information

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

B.8 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 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.9 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

- (b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The Permittee shall implement the PMPs.

- (c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions.
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.10 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to M029-28523-00024 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.11 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

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.12 Permit Renewal [326 IAC 2-6.1-7]

- (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 an affirmation that the statements in the application are true and complete by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

- (b) A timely renewal application is one that is:
 - (1) Submitted at least 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, pursuant to 326 IAC 2-6.1-4(b), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.13 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]

- (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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) The Permittee shall notify the OAQ no later than thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

B.14 Source Modification Requirement

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

**B.15 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]**

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.16 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

- (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
Permit Administration and Support Section, 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 an affirmation that the statements in the application are true and complete 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.17 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees due no later than 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.18 Credible Evidence [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 2-6.1-5(a)(1)]

C.1 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.2 Opacity [326 IAC 5-1]

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

- (a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

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

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

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

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

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

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

C.6 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the attached plan as in Attachment A.

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

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

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project.

- (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]

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

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

no later than thirty-five (35) days prior to the intended test date.
- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date.
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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 Instrument Specifications [326 IAC 2-1.1-11]

- (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.12 Response to Excursions or Exceedances

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

- (a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to normal or usual manner of operation.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records; and/or
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall record the reasonable response steps taken.

C.13 Actions Related to Noncompliance Demonstrated by a Stack Test

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.
- (b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

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

C.14 Malfunctions Report [326 IAC 1-6-2]

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

C.16 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 and Enforcement Branch, 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) 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:

Main Dock: Grain Transfer, Handling, and Storage

- (a) One (1) natural gas fired column grain dryer, rated at 12.0 million (MM) British thermal units (Btu) per hour, processing a maximum of 2,000 bushels of grain per hour, exhausting through the column wall perforations;
- (b) One (1) main grain dump shed (two sided) enclosing two (2) dump pits (Pits #1 and #2), with a maximum capacity of 1200 tons per hour, with a baghouse for particulate matter control, exhausting through stack S-1;
- (c) One (1) grain dump shed (two sided) enclosing one (1) dump pit (Pit # 3), with a maximum capacity of 600 tons per hour, controlled with baghouse for particulate matter, exhausting through stack S-2;
- (d) One (1) grain dump shed (two sided) enclosing one (1) dump pit (Pit # 4), with a maximum capacity of 450 tons per hour, controlled by choke feeding to control particulate matter;
- (e) Two (2) steel storage bins (ID Nos. 1 and 2), each with a storage capacity of 750 tons;
- (f) Two (2) steel storage bins (ID Nos. 3 and 4), each with a storage capacity of 750 tons;
- (g) Two (2) steel storage bins (ID Nos. 5 and 6), each with a storage capacity of 7560 tons;
- (h) One (1) steel storage bin (ID No. 7) with a storage capacity of 390 tons;
- (i) One (1) steel storage bin (ID No. 8) with a storage capacity of 18,403 tons;
- (j) Four (4) enclosed reclaim (belt, drag) conveyors with maximum capacity of 600 tons per hour;
- (k) Eight (8) enclosed bin fill spouts with maximum capacity of 600 tons per hour;
- (l) Five (5) enclosed bin fill conveyors with maximum capacity of 600 tons per hour;
- (m) Two (2) enclosed distributors with maximum capacity of 600 tons per hour;
- (n) Three (3) enclosed bucket elevator(s) with maximum capacity of 900 tons per hour;
- (o) One (1) enclosed wet grain bucket elevator with maximum capacity of 150 tons per hour;
- (p) One (1) enclosed dry grain bucket elevator with maximum capacity of 150 tons per hour;
- (q) One (1) enclosed railcar loading spout with a maximum capacity of 540 tons per hour;
- (r) One (1) enclosed telescoping barge loading spout with a maximum capacity of 1200 tons per hour;
- (s) One (1) covered barge loading belt with a maximum capacity of 1200 tons per hour;

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

Emissions Unit Description (continued):

- (t) One (1) covered barge loading belt with a maximum capacity of 450 tons per hour;
- (u) One (1) covered truck load out belt with a maximum capacity of 170 tons per hour;
- (v) One (1) truck load out spout with a maximum capacity of 340 tons per hour;
- (w) Receiving and shipping of grain by paved roads.

Dock 4: Bulk Product Transfer, Handling, and Storage

- (x) One (1) 3 cubic yard clamshell bucket crane, identified as E-1, constructed prior to 2004, with maximum capacity of 300 tons per hour for unloading bulk product barges or railcars and direct loading of trucks and the portable bulk conveyor system;
- (y) One (1) portable conveyor for moving petroleum coke and oversize product, from trucks to the bulk storage areas and then to barges, constructed in 2007, with a maximum capacity of 300 tons of materials per hour; and
- (z) One (1) portable bulk conveyor system, constructed in 2009, consisting of the following:
 - (1) One (1) portable hopper with belt feeder, identified as SCC-1, with a maximum throughput of 300 tons per hour.
 - (2) Four (4) portable bulk conveyors, identified as yard conveyors YC-1 through YC-4, with a maximum throughput of 300 tons per hour, each.
 - (3) One (1) barge conveyor, identified as barge conveyor C-19, with a maximum throughput of 300 tons per hour.
- (aa) Six (6) bulk product storage areas, identified as Storage Areas 1 through 6;
- (bb) Receiving and shipping of bulk products by paved roads;
- (cc) One (1) bulk products transfer and storage operation, approved for construction in 2011, consisting of the following:
 - (1) Unloading of bulk products from barge or railcar into trucks using clamshell bucket crane E-1, with a maximum capacity of 120 tons per hour.
 - (2) Unloading of bulk products from truck to one (1) bulk conveyor, identified as yard conveyor YC-5, with a maximum throughput of 120 tons per hour.
 - (3) One (1) bulk products storage building, identified as Storage Area 7.
 - (4) Loading of bulk products into one (1) hopper/conditioner with conveyor, identified as HC-1, with a maximum throughput of 120 tons per hour, using front end loaders, exhausting to the indoors of the storage building.
 - (5) Loading of bulk products into trucks and offsite shipment.

(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 Nonattainment Area Limitations Except Lake County [326 IAC 6.5-1]

Pursuant to 326 IAC 6.5-1-2(d)(2), the Permittee shall comply with the following for operations associated with the grain elevator:

The Permittee shall provide for housekeeping and maintenance procedures that minimize the opportunity for particulate matter to become airborne and leave the property, such as the following:

- (A) Housekeeping practices shall be conducted as follows:
 - (i) Areas to be swept and maintained shall include, at a minimum, the following:
 - (AA) General grounds, yard, and other open areas.
 - (BB) Floors, decks, hopper areas, loading areas, dust collectors, and all areas of dust or waste concentrations.
 - (CC) Grain driers with respect to accumulated particulate matter.
 - (ii) Cleanings and other collected waste material shall be handled and disposed of so that the area does not generate fugitive dust.
 - (iii) Dust from driveways, access roads, and other areas of travel shall be controlled.
 - (iv) Accidental spills and other accumulations shall be cleaned up as soon as possible but no later than completion of the day's operation.
- (B) Equipment maintenance shall consist of procedures that eliminate or minimize emissions from equipment or a system caused by the following:
 - (i) Malfunctions.
 - (ii) Breakdowns.
 - (iii) Improper adjustment.
 - (iv) Operating above the rated or designed capacity.
 - (v) Not following designed operating specifications.
 - (vi) Lack of good preventive maintenance care.
 - (vii) Lack of critical and proper spare replacement parts on hand.
 - (viii) Lack of properly trained and experienced personnel.
- (C) Emissions from the affected areas, operations, equipment, and systems shall not exceed twenty percent (20%) opacity as determined under 326 IAC 5-1.

D.1.2 Particulate Matter Limitations [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2(a), particulate matter (PM) emissions from each facility used for grain receiving, handling, drying, storage, bin loading, and grain shipping, the portable conveyor, the bulk conveyor system, the bulk conveyor YC-5, and the hopper/conditioner HC-1 shall each not exceed 0.03 grain per dry standard cubic foot (gr/dscf).

D.1.3 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for these facilities and their control devices. Section B – Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements

D.1.4 Particulate Control

- (a) In order to comply with condition D.1.2, the baghouses for particulate control shall be in operation and control emissions from the grain dump pits #1, #2 and #3 at all times that the grain dump pits #1, #2 and #3 are in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.1.5 Visible Emissions Notations

- (a) Visible emission notations of baghouse exhaust, used in conjunction with grain dump pits #1, #2 and #3, 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. Section C- Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.1.6 Parametric Monitoring

- (a) The Permittee shall record the pressure drop across the baghouses used in conjunction with the grain dump pits #1, #2 and #3, at least once per day when the processes are in operation. When for any one reading, the pressure drop across the baghouse is outside the normal range of 0.5 and 5.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps. Section C- Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.
- (b) The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated or replaced at least once every six (6) months.

D.1.7 Broken or Failed Bag Detection

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

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 2-6.1-5(a)(2)]

D.1.8 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.5, the Permittee shall maintain records once per day of visible emission notations of the baghouse exhausts, used in conjunction with the three (3) grain dump pits #1, #2 and #3. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation (e.g., the process did not operate that day).
- (b) To document the compliance status with Condition D.1.6, the Permittee shall maintain records once per day of the pressure drop across the baghouse, used in conjunction with the three (3) grain dump pits #1, #2 and #3. 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) Section C - General Record Keeping Requirements of this permit contains the Permittee's obligations with regard to the records required by this condition.

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

Company Name:	Consolidated Grain and Barge Company
Address:	210 George Street
City:	Aurora, Indiana 47001
Phone #:	(812) 926-0740
MSOP #:	M029-28523-00024

I hereby certify that Consolidated Grain and Barge Company is :

- still in operation.
- no longer in operation.

I hereby certify that Consolidated Grain and Barge Company is :

- in compliance with the requirements of MSOP M029-28523-00024.
- not in compliance with the requirements of MSOP M029-28523-00024.

Authorized Individual (typed):
Title:
Signature:
Date:

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.

Noncompliance:

MALFUNCTION REPORT

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

Attachment A
to MSOP No. M029-28523-00024

FUGITIVE DUST CONTROL PLAN

FUGITIVE DUST PLAN

Consolidated Grain and Barge

Aurora, Indiana

Any offloading of bulk terminal products that generates fugitive dust which crosses our property lines will either be terminated until weather conditions have improved, or alternative acceptable controls are implemented. Water sprinklers will be used as needed to control dust from stockpiles. Fugitive dust generated by trucks operating on gravel roadways will be controlled on an as needed schedule with the application of water spray. The paved roadway surfaces will be swept with a mechanical broom.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

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

TO: Scott Perkins
Consolidated Grain and Barge Company
210 George St.
Aurora, IN 47001

DATE: March 24, 2011

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

SUBJECT: Final Decision
Notice-Only Change
029-30013-00024

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

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

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

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

Final Applicant Cover letter.dot 11/30/07

Mail Code 61-53

IDEM Staff	GHOTOPP 3/24/2011 Consolidated Grain and Barge Company 029-30013-00024 Final		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING	
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: CERTIFICATE OF MAILING ONLY	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Scott Perkins Consolidated Grain and Barge Company 210 George St Aurora IN 47001 (Source CAATS) via confirmed delivery										
2		Michael & Monica Ramsey 9931 Old SR 56 Aurora IN 47001 (Affected Party)										
3		Dearborn County Commissioner 215 B West High Street Lawrenceburg IN 47025 (Local Official)										
4		Dearborn County Health Department 215-b W. Hight St, County Admin Building Lawrenceburg IN 47025-1910 (Health Department)										
5		Mr. John Teaney P.O. Box 494 10837 Aurora IN 47001 (Affected Party)										
6		Robin & Vic Willoughby 311 Broadway Street Aurora IN 47001 (Affected Party)										
7		Aurora City Council and Mayors Office P.O. Box 158 Aurora IN 47001 (Local Official)										
8		James & Mary Hassett 7199 E. Laughery Creek Rd Aurora IN 47001 (Affected Party)										
9		Nancy & William McDaniel 4600 Hartford PK # 98 Aurora IN 47001 (Affected Party)										
10		Ken & Jackie Greive 4685 E. Laughery Creek Road Aurora IN 47001 (Affected Party)										
11		Marlin M. Guss, Jr. 10400 Millstone Dr, P.O. Box 272 Aurora IN 47001 (Affected Party)										
12		Mrs. Shirley Greive 4412 E. Laughery Aurora IN 47001 (Affected Party)										
13		Ms. Patricia Huff 10095 Old SR 56 Aurora IN 47001 (Affected Party)										
14		Sam & Nancy Valone 3826 E. Laughery Creek Rd Aurora IN 47001 (Affected Party)										
15		Peter & Jody Franklin 9212 Hawksridge Dr. Covington KY 41017-9136 (Affected Party)										

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
14			

Mail Code 61-53

IDEM Staff	GHOTOPP 3/24/2011 Consolidated Grain and Barge Company 029-30013-00024 Final		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING	
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: CERTIFICATE OF MAILING ONLY	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Melanie Bushorn 4172 E. Laughery Creek Rd Aurora IN 47001 (Affected Party)										
2		Mr. Bill Ullrich Dearborn County Council VP 103 Deborah Dr. Aurora IN 47001 (Affected Party)										
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
2			